ATTACHMENT

3-1

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GEOMATRIX

March 6, 2003
Project 6427.008p

Mr. Joseph Sun
Pacific Gas and Electric Company
Geosciences, 245 Market Street, Room 422A
Mail Code N4C
P.O. Box 770000
San Francisco, California 94117

Subject: Request for Clarification 3
ISFSI Slope Stability Study
Diablo Canyon Power Plant

Dear Mr. Sun:

This letter presents the results of our analyses to calculate the long-term static stability for a generalized slip-circle type of failure of the cut slopes and the hill slope extending above the Independent Spent Fuel Storage Installation (ISFSI) site at the Diablo Canyon Power Plant (DCPP). These analyses were made in response to a request for clarification from the NRC staff (Request 3).

INTRODUCTION

The stability and yield acceleration of potential sliding masses postulated for the slope behind the proposed ISFSI site were computed in Calculation GEO.DCPP.01.24, Revision 3. The postulated failure surfaces along section I-I' consisted of composite surfaces that involved slip along one or more clay beds and failure through the rock mass. Separate evaluations of the stability of wedge type rock failure surfaces at the cut slopes were made by others in Calculation GEO.DCPP.01.08, and rock anchors were included to prevent shallow failure of individual rock wedges from the cut slopes. In a request for clarification from the NRC staff (Request 3), it was recommended that an evaluation be made of the potential for a generalized slip-circle type failure of the cut slopes and the hill slope extending above the cut.

PURPOSE

The purpose of the analyses described in this letter is to evaluate the long-term static stability for a generalized slip-circle type failure of the cut slope and existing hill slope extending above the cut slope along section I-I' at the ISFSI site.

ASSUMPTIONS

The groundwater table was assumed to be below the slope and all potential circular failure surfaces analyzed. The failure surfaces were assumed to occur within the rock mass and the

long-term static strength of the rock was represented using a friction angle of 50 degrees and zero cohesion. Soil anchors were assumed to be installed in the cut slopes at a horizontal and vertical spacing of five feet. It was assumed the anchors were 30 feet long and stressed to 76.5 kips.

INPUTS

The information required for the slope stability analyses are the surface topography, rock mass strength and unit weight, and rock anchor locations and prestressing force. The analyses described in this letter were conducted for cross section I-I' (GEO.DCPP.01.21). Surface topography and proposed cut slope configurations were taken from that cross section.

A summary of the properties used for the stability analyses is shown on Figures 1and 2. The unit weight for rock was taken as 140 pounds per cubic foot (pcf). The strength of the rock mass was represented using a friction angle of 50 degrees and zero cohesion. The unit weight of the concrete pad was taken as 150 pcf.

Input for the rock anchors was taken from calculation GEO.DCPP.01.08. The rock anchors are 30 feet long, including an 11-foot bond zone, stressed to 76.5 kips and installed on 5-foot centers. An anchor stressing force of 15.3 kips was input into the model to account for the 5 foot horizontal spacing between anchors.

METHOD

Slope stability analyses were performed using the computer program UTEXAS4 (Wright, 1999). Spencer's method, a method of slices that satisfies force and moment equilibrium, was used for the analyses. Searches were conducted to identify the circular sliding mass with the lowest factor of safety. Searches were initially conducted for the existing hill slope without the proposed cut slopes and rock anchors. These analyses of the existing slope were conducted to establish a baseline of the existing factor of safety for circular failure surfaces passing through the toe of the present slope. Searches were then conducted in the vicinity of the proposed cut slopes and the existing hill slope above the cut slopes.

SOFTWARE

The calculations of slope stability were conducted using the program UTEXAS4. This program was verified in calculation GEO.HBIP.02.09.

BODY OF CALCULATIONS

The slope stability calculations were conducted using UTEXAS4. For the analyses including the proposed cut slopes and rock anchors, the input and output files for the circular sliding mass with the lowest factor of safety are included in Attachment A. The failure surface with the lowest factor of safety is indicated on Figure 4.

RESULTS

The inclination of the existing hill slope in the vicinity of the proposed cut slope generally varies form about 15 degrees to 20 degrees. At the toe of the existing slope the inclination is steeper, approximately 29 degrees, for the first 5 vertical feet of the slope. The static stability of the existing hill slope, without the proposed cut slopes and rock anchors, was analyzed for various circular failure surfaces passing through the existing toe. Three types of failure surfaces were evaluated including a deep circle, shallow surface failure, and an intermediate case. The minimum calculated factor of safety occurs for shallow failure surfaces and the factor of safety increases with the depth of the circular failure surface.

The case of a shallow circular failure surface, passing through the toe of the existing slope, with a calculated factor of safety of 3.26 is illustrated in Figure 1. An intermediate circle with a calculated factor of safety of 4.93 is presented on Figure 2 and a deep circular failure surface with a calculated factor of safety of 5.63 is shown of Figure 3. Factors of safety less than 3.26 are calculated for very shallow circular failure surfaces, with large radii, acting on the face of the lowest portion of the slope. This lowest portion of the existing slope, extending up about 5 feet vertically, has an inclination of about 29 degrees.

After analyses of the existing slope, the static stability of the proposed cut slopes and rock anchors was evaluated. The results of the stability analyses for the proposed cut slopes and rock anchors are summarized on Figure 4. The lowest factor of safety under static loading conditions is 3.27, which was calculated for the circular sliding mass shown on Figure 4. Analyses for deeper rotational sliding masses and for circular failure surfaces extending further up the existing hill slope resulted in higher factors of safety. An example of a circular failure surface extending further up the hill slope with a factor of safety of 4.55 is shown on Figure 5.

REFERENCES

a) GEO.DCPP.01.08, Revision 2 – Determination of rock anchor design parameters for DCPP ISFSI cutslope.

b) GEO.DCPP.01.21, Revision 2 – Analysis of bedrock stratigraphy and geologic structure at the DCPP ISFSI site.

c) GEO.DCPP.01.24, Revision 2 – Stability and yield sacceleration of Cross-section I-I'.

d) GEO.HBIP.02.09 – Verification of computer program UTEXAS4

e) Wright, S.G. (1999)—UTEXAS4, A computer program for slope stability calculations, May 1999-Revised September 1999, Shinoak software, Austin, Texas.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

Larry Scheibel
Senior Engineer

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Attachment A – Listing of input and output files for stability analyses

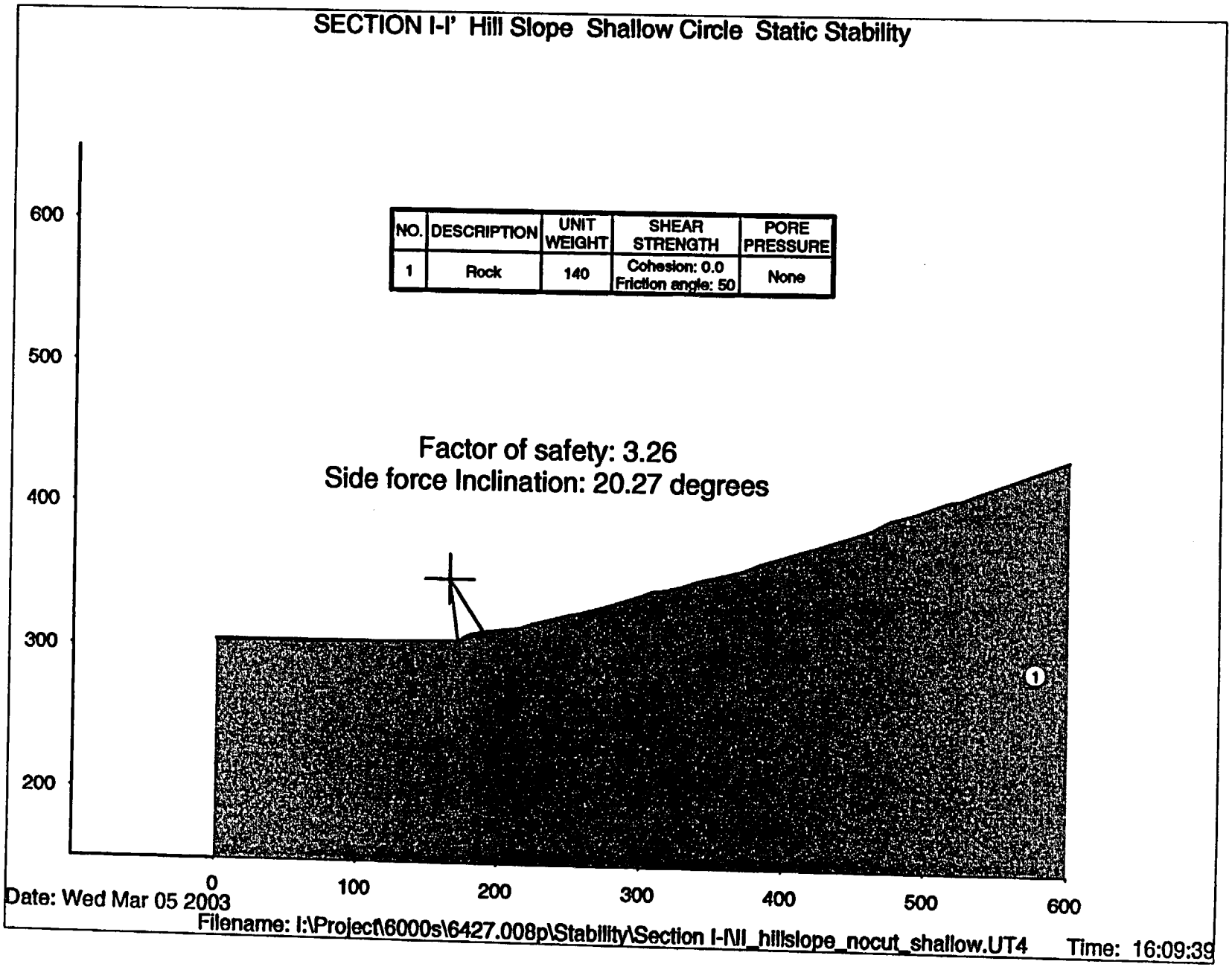


Figure 1 – Potential Shallow Circular Sliding Mass on Existing Hill Slope

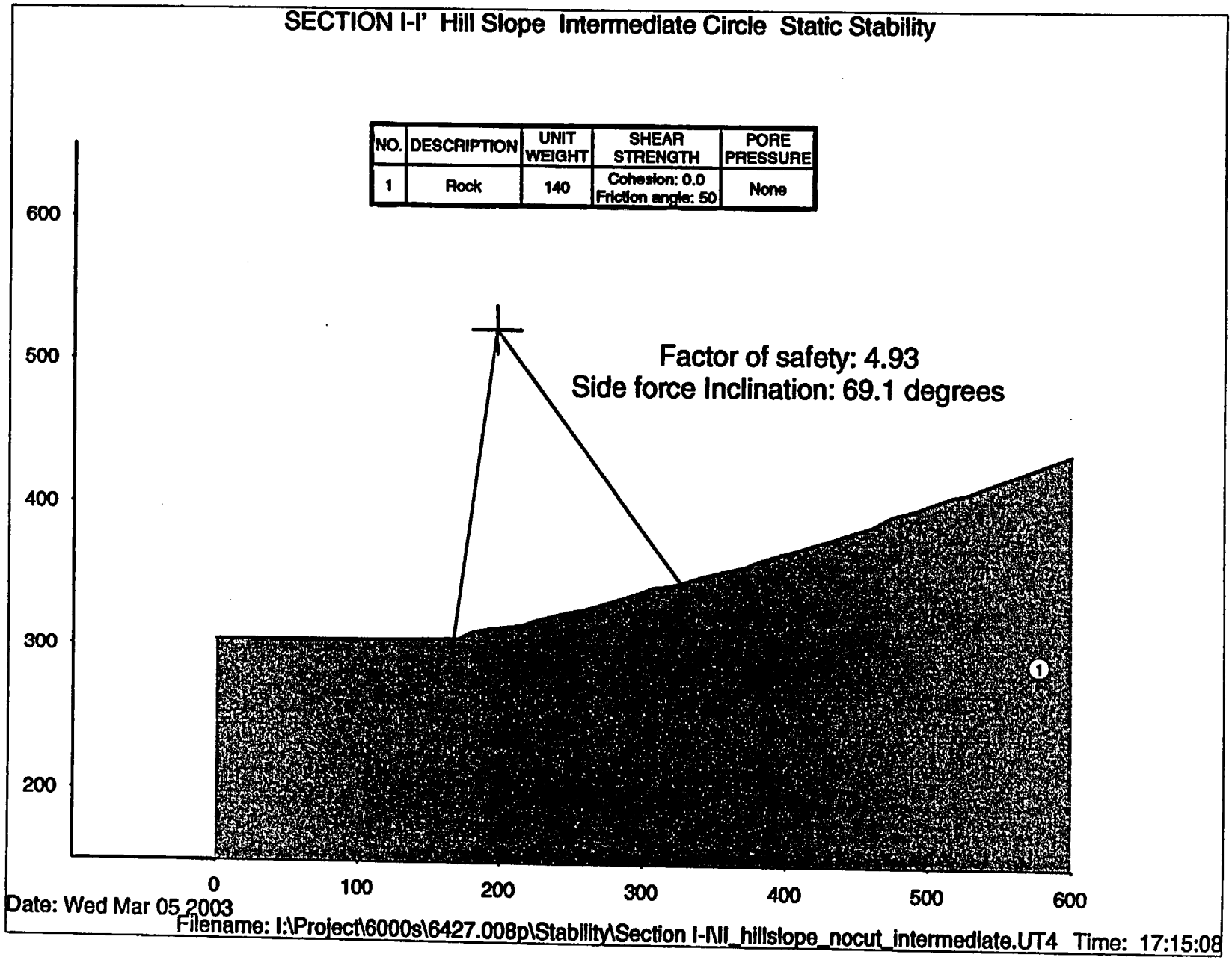


Figure 2 – Potential Intermediate Circular Sliding Mass on Existing Hill Slope

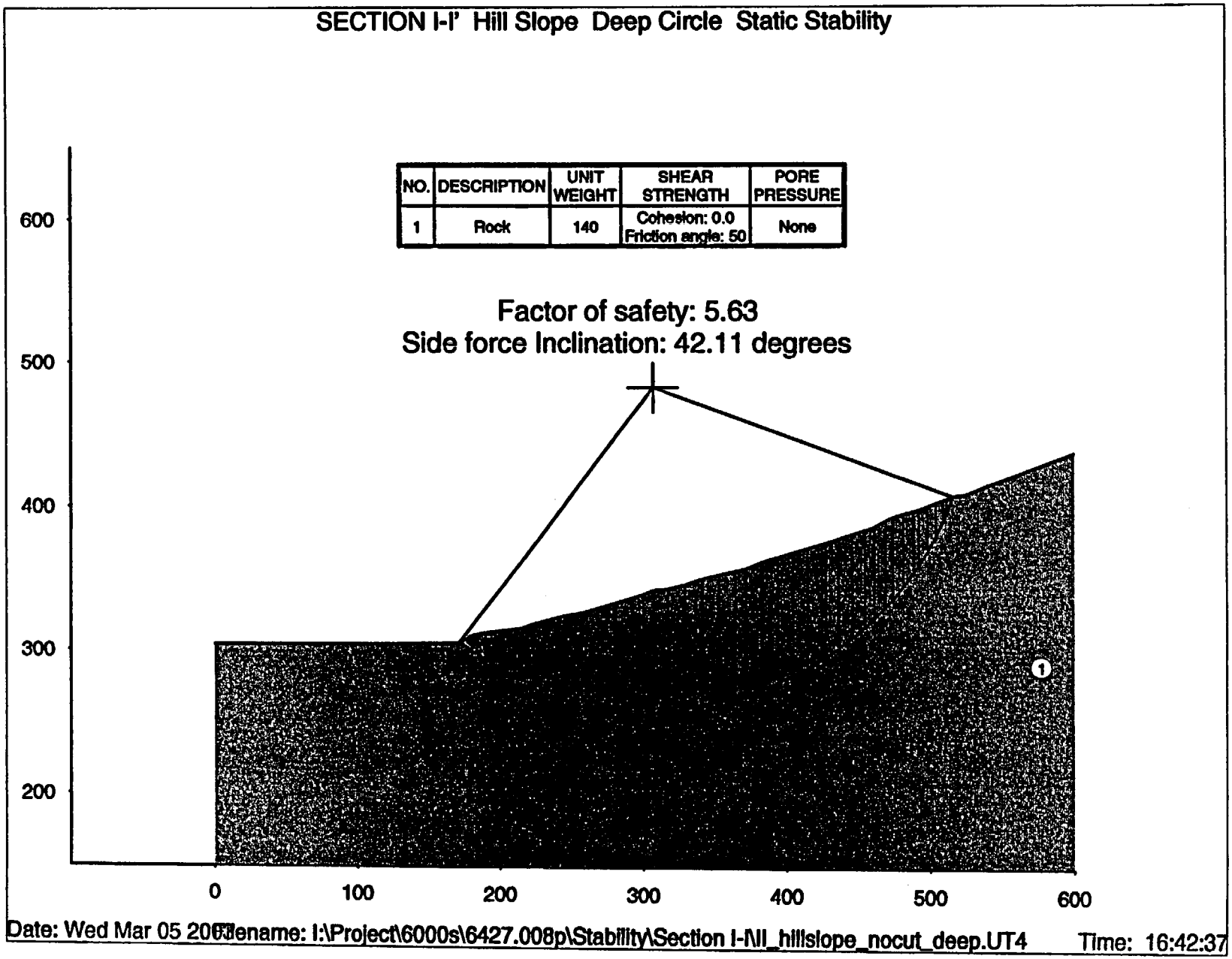
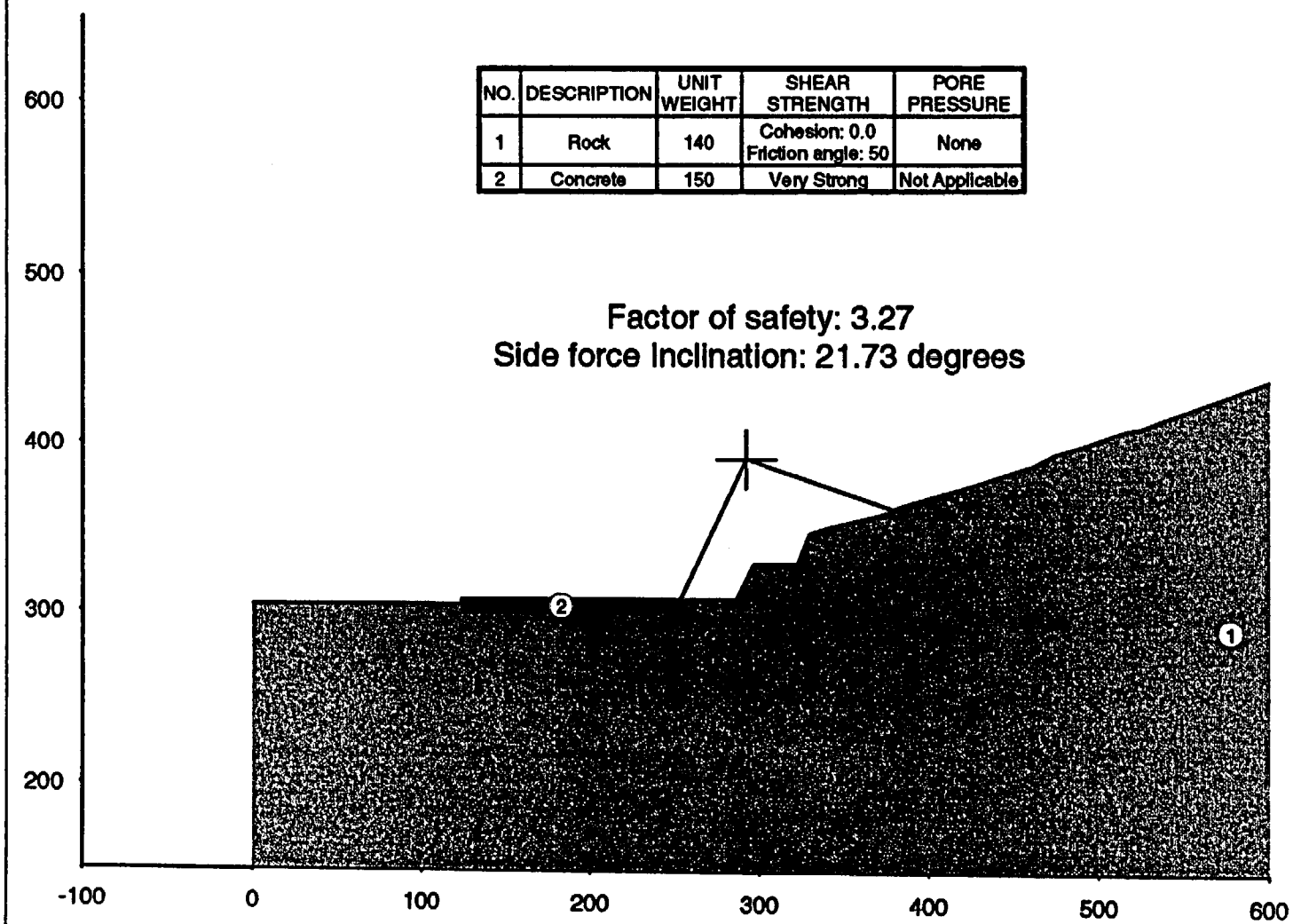


Figure 3 – Potential Deep Circular Sliding Mass on Existing Hill Slope

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability

NO.	DESCRIPTION	UNIT WEIGHT	SHEAR STRENGTH	PORE PRESSURE
1	Rock	140	Cohesion: 0.0 Friction angle: 50	None
2	Concrete	150	Very Strong	Not Applicable

Factor of safety: 3.27
Side force Inclination: 21.73 degrees



Date: Fri Feb 28 2003 Filename: I:\Project\6000s\6427.008p\Stability\Section I-NI_proposed_circle_253.UT4 Time: 08:02:49

Figure 4 – Critical Circle; Cross Section I-I'; Static Stability

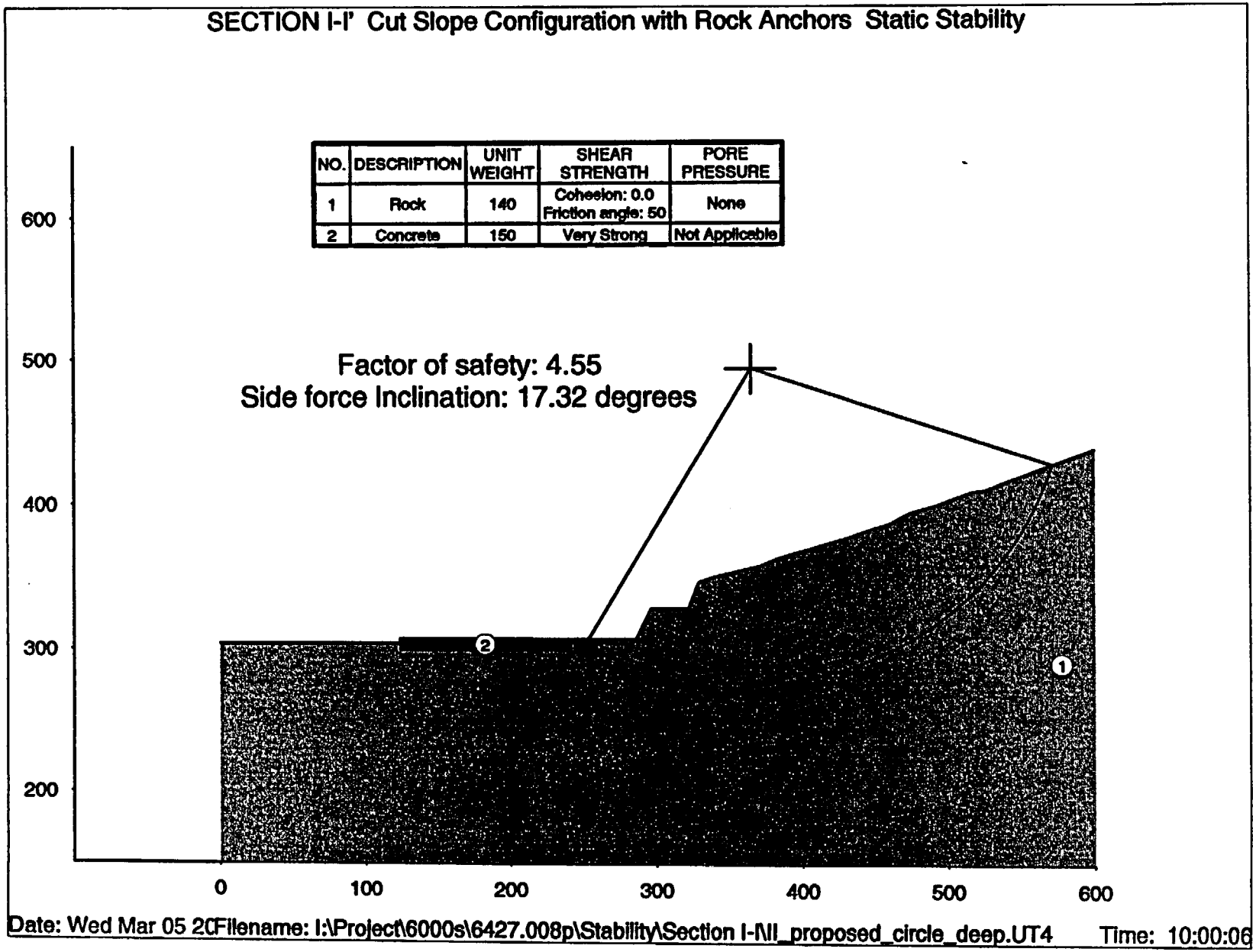


Figure 5 – Larger Circle Extending Upslope; Cross Section I-I'; Static Stability

ATTACHMENT A

```
GRAphics outoput
HEAding follows -
        SECTION I-I'  Cut Slope Configuration with Rock Anchors  Static Stability
        PROPOSED SLOPE
        STATIC LOADING
        CIRCULAR FAILURE

PROfile line data follow -
        1 1 Rock
                0.0 304.0
                124.0 304.0
                124.0 299.0
                241.0 299.0
                241.0 307.0
                286.0 307.0
                288.0 311.0
                290.0 315.0
                292.0 319.0
                294.0 323.0
                296.5 328.0
                322.0 328.0
                323.0 331.0
                325.0 336.0
                327.0 341.0
                329.0 346.0
                341.0 350.0
                371.0 357.0
                383.0 362.0
                427.0 375.0
                461.0 386.0
                474.0 393.0
                492.0 398.0
                511.0 405.0
                517.0 407.0
                525.0 408.0
                540.0 414.0
                554.0 419.0
                600.0 436.0

        2 2 Concrete
                124.0 304.0
                124.0 307.0
                241.0 307.0


MATerial property data follow -
        1 Rock
                140 = total unit weight
                Conventional shear strength
                        0.0 50.0
                No Pore Pressure
        2 Concrete
                150 = total unit weight
                Very strong

REInforcement line data follow -
        1 0.0 2
                327.0 341.0 15300.0 0.0
                345.0 333.0 15300.0 0.0
                354.0 329.0 0.0 0.0

        2 0.0 2
                325.0 336.0 15300.0 0.0
```

```
                343.0 328.0 15300.0 0.0
                352.0 324.0 0.0 0.0

        3 0.0 2
                323.0 331.0 15300.0 0.0
                341.0 323.0 15300.00 0.0
                350.0 319.0 0.0 0.0

        4 0.0 2
                294.0 323.0 15300.0 0.0
                312.0 315.0 15300.0 0.0
                322.0 310.5 0.0 0.0

        5 0.0 2
                292.0 319.0 15300.0 0.0
                310.0 311.0 15300.0 0.0
                320.0 306.5 0.0 0.0

        6 0.0 2
                290.0 315.0 15300.0 0.0
                308.0 307.0 15300.0 0.0
                318.0 302.5 0.0 0.0

        7 0.0 2
                288.0 311.0 15300.0 0.0
                306.0 303.0 15300.0 0.0
                316.0 298.5 0.0 0.0

ANAlysis/computation data follow -
        circle Search 1
                300.0 375.0 1.0 -100.0
                Point follows -
                        253.0 307.0
                STOp
                ITErations
                        10000

COMpute
```

TABLE NO. 1
COMPUTER PROGRAM DESIGNATION: UTEXAS4
Originally Coded By Stephen G. Wright
Version No. 4.0.0.8 - Last Revision Date: 07/27/2001
(C) Copyright 1985-2000 S. G. Wright - All rights reserved

```
*****************************************************************
* RESULTS OF COMPUTATIONS PERFORMED USING THIS SOFTWARE         *
* SHOULD NOT BE USED FOR DESIGN PURPOSES UNLESS THEY HAVE       *
* BEEN VERIFIED BY INDEPENDENT ANALYSES, EXPERIMENTAL DATA      *
* OR FIELD EXPERIENCE. THE USER SHOULD UNDERSTAND THE ALGORITHMS *
* AND ANALYTICAL PROCEDURES USED IN THIS SOFTWARE AND MUST HAVE *
* READ ALL DOCUMENTATION FOR THIS SOFTWARE BEFORE ATTEMPTING    *
* TO USE IT.  NEITHER SHINOAK SOFTWARE NOR STEPHEN G. WRIGHT    *
* MAKE OR ASSUME LIABILITY FOR ANY WARRANTIES, EXPRESSED OR     *
* IMPLIED, CONCERNING THE ACCURACY, RELIABILITY, USEFULNESS     *
* OR ADAPTABILITY OF THIS SOFTWARE.                             *
*****************************************************************
```

UTEXAS4 S/N:00107 - Version: 4.0.0.8 - Latest Revision: 07/27/2001
Licensed for use by: Larry Scheibel, Geomatrix Consultants
Time and date of run: Thu Feb 27 17:12:29 2003
Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 3

```
*************************
* NEW PROFILE LINE DATA *
*************************
```

----- Profile Line No. 1 - Material Type (Number): 1 -----

Description: Rock

Point	X	Y
1	0.00	304.00
2	124.00	304.00
3	124.00	299.00
4	241.00	299.00
5	241.00	307.00
6	286.00	307.00
7	288.00	311.00
8	290.00	315.00
9	292.00	319.00
10	294.00	323.00
11	296.50	328.00
12	322.00	328.00
13	323.00	331.00
14	325.00	336.00
15	327.00	341.00
16	329.00	346.00
17	341.00	350.00
18	371.00	357.00
19	383.00	362.00
20	427.00	375.00
21	461.00	386.00
22	474.00	393.00

23	492.00	398.00
24	511.00	405.00
25	517.00	407.00
26	525.00	408.00
27	540.00	414.00
28	554.00	419.00
29	600.00	436.00

----- Profile Line No. 2 - Material Type (Number): 2 -----

Description: Concrete

Point	X	Y
1	124.00	304.00
2	124.00	307.00
3	241.00	307.00

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Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 4
****
* NEW MATERIAL PROPERTY DATA - CONVENTIONAL/FIRST-STAGE COMPUTATIONS *
****

---------- DATA FOR MATERIAL NUMBER 1 ----------

Description: Rock

Unit weight of soil (material): 140.0

CONVENTIONAL (ISOTROPIC) SHEAR STRENGTHS
Cohesion - - - - - - - - 0.0
Friction angle - - - - - 50.00 (degrees)

No (zero) pore water pressures.
Negative pore water pressures are NOT allowed - set to zero.

---------- DATA FOR MATERIAL NUMBER 2 ----------

Description: Concrete

Unit weight of soil (material): 150.0

SHEAR STRENGTH IS VERY LARGE (INFINITE)

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Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 15
****
* NEW REINFORCEMENT LINE DATA *
****

Reinforcement Line: 1
Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	327.00	341.00	15300	0
2	345.00	333.00	15300	0
3	354.00	329.00	0	0

Reinforcement Line: 2
Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	325.00	336.00	15300	0
2	343.00	328.00	15300	0
3	352.00	324.00	0	0

Reinforcement Line: 3
Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	323.00	331.00	15300	0
2	341.00	323.00	15300	0
3	350.00	319.00	0	0

Reinforcement Line: 4
Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	294.00	323.00	15300	0
2	312.00	315.00	15300	0
3	322.00	310.50	0	0

Reinforcement Line: 5
Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	292.00	319.00	15300	0
2	310.00	311.00	15300	0
3	320.00	306.50	0	0

Reinforcement Line: 6
Maximum rotation angle: 0.00 degrees

Option 2 - Reinforcement forces are applied to base
of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	290.00	315.00	15300	0
2	308.00	307.00	15300	0
3	318.00	302.50	0	0

Reinforcement Line: 7

Maximum rotation angle: 0.00 degrees
Option 2 - Reinforcement forces are applied to base
of slice (shear surface) only.

Point	X	Y	Longitudinal Force	Transverse Force
1	288.00	311.00	15300	0
2	306.00	303.00	15300	0
3	316.00	298.50	0	0

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Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 16
****
* NEW ANALYSIS/COMPUTATION DATA *
****

Starting Center Coordinate for Search at -
X: 300.00
Y: 375.00

Required accuracy for critical center
(= minimum spacing between grid points): 1.000

Critical shear surface not allowed to pass below Y: -100.00

For the initial mode of search circles pass through the fixed
point at - X: 253.00, Y: 307.00

Search will be terminated after the initial mode of search is completed.
Iteration limit: 10000

The following represent default values or values that were prevously defined:
Subtended angle for slice subdivision: 3.00(degrees)
There is no crack.
There is no water in a crack.
Conventional (single-stage) computations will be performed.
Seismic coefficient: 0.000
Unit weight of water (or other fluid) in crack: 62.4
Automatic search output will be in long form.
Maximum number of trial grids for a given search mode: 50
No restrictions exist on the lateral extent of the search.
No shear surfaces other than the most critical will be saved for display later.
Neither slope face was explicitly designated for analysis.
Standard sign convention used for direction of shear stress on shear surface.

Procedure of Analysis: Spencer

Force imbalance: 1.000000e-005 (fraction of total weight)
Moment imbalance: 1.000000e-005 (fraction of moment due to total weight)
Minimum weight required for computations to be performed: 100
Initial trial factor of safety: 3.000
Initial trial side force inclination: 17.189 (degrees)
Minimum (most negative) side force inclination allowed in Spencer's procedure:
-10.00

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Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 26
****
* NEW, COMPUTED SLOPE GEOMETRY DATA *
****

These slope geometry were generated from the Profile Lines.

Point	X	Y
1	0.00	304.00
2	124.00	304.00
3	124.00	307.00
4	241.00	307.00
5	286.00	307.00
6	288.00	311.00
7	290.00	315.00
8	292.00	319.00
9	294.00	323.00
10	296.50	328.00
11	322.00	328.00
12	323.00	331.00
13	325.00	336.00
14	327.00	341.00
15	329.00	346.00
16	341.00	350.00
17	371.00	357.00
18	383.00	362.00
19	427.00	375.00
20	461.00	386.00
21	474.00	393.00
22	492.00	398.00
23	511.00	405.00
24	517.00	407.00
25	525.00	408.00
26	540.00	414.00
27	554.00	419.00
28	600.00	436.00

UTEXAS NOTICE NUMBER 8030
Center of initial grid for search is below the crest of the slope

Search will be conducted for LEFT face of slope

```
UTEXAS4 S/N:00107  - Version: 4.0.0.8 - Latest Revision: 07/27/2001
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Time and date of run: Thu Feb 27 17:12:29 2003
Name of input data file: I:\Project\6000s\6427.008p\Stability\Section
I-I\II_proposed_circle_253.dat

        SECTION I-I'  Cut Slope Configuration with Rock Anchors  Static Stability
        PROPOSED SLOPE
        STATIC LOADING
        CIRCULAR FAILURE

TABLE NO. 29
**************************************************
* OUTPUT FOR TYPE 1 AUTOMATIC SEARCH WITH CIRCLES *
**************************************************

------ Output for Circles Through a Fixed Point ------
------ Fixed point at - X: 253.00     Y: 307.00

                                  1-Stage
Center Coordinates                Factor  Side Force
                                    of    Inclination
     X         Y       Radius    Safety   (degrees)   Iterations          Messages

    270.00    345.00     41.63 Center rejected as follows:      UTEXAS ERROR NUMBER
9280
                                                                 The side force
inclination fell outside the range of values allowed.
                                                                 The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                 The maximum value
allowed is:    8.00000e+001 degrees.

    300.00    345.00     60.44    4.55     14.776        10     UTEXAS WARNING
NUMBER 8250
                                                                 Right end of circle
became inverted.
                                                                 A vertical crack was
added to prevent inversion.

    330.00    345.00     85.87 Center rejected as follows:      UTEXAS WARNING
NUMBER 8250
                                                                 Right end of circle
became inverted.
                                                                 A vertical crack was
added to prevent inversion.
                                                                 UTEXAS ERROR NUMBER
9280
                                                                 The side force
inclination fell outside the range of values allowed.
                                                                 The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                 The maximum value
allowed is:    8.00000e+001 degrees.

    270.00    375.00     70.09 Center rejected as follows:      UTEXAS NOTICE NUMBER
8210
                                                                 Circle intersects
the slope 4 times and there is more than one
                                                                 valid segment.  Only
the uppermost valid segment was analyzed.
                                                                 UTEXAS ERROR NUMBER
```

```
9280                                                        The side force
inclination fell outside the range of values allowed.       The minimum value
allowed is:   -1.00000e+001 degrees.                        The maximum value
allowed is:    8.00000e+001 degrees.

    300.00    375.00     82.66    3.62     19.116          4
    330.00    375.00    102.73 Center rejected as follows:  UTEXAS WARNING
NUMBER 8250
                                                            Right end of circle
became inverted.                                            A vertical crack was
added to prevent inversion.                                 UTEXAS ERROR NUMBER
9270                                                        Solution did not
converge in iteration limit of 10000  iterations            Failed to converge
during stage 1 computations

    270.00    405.00     99.46 Center rejected as follows:  UTEXAS ERROR NUMBER
9270
                                                            Solution did not
converge in iteration limit of 10000  iterations            Failed to converge
during stage 1 computations

    300.00    405.00    108.69    3.37     20.648        103
    330.00    405.00    124.63    4.59     16.999          6
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    270.00    435.00    129.12 Center rejected as follows:  UTEXAS ERROR NUMBER
9270
                                                            Solution did not
converge in iteration limit of 10000  iterations            Failed to converge
during stage 1 computations

    300.00    435.00    136.36 Center rejected as follows:  UTEXAS ERROR NUMBER
9280
                                                            The side force
inclination fell outside the range of values allowed.       The minimum value
allowed is:   -1.00000e+001 degrees.                        The maximum value
allowed is:    8.00000e+001 degrees.

    330.00    435.00    149.38    4.23     18.231          7
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    295.00    400.00    102.04    3.28     21.441          5
    300.00    400.00    104.20    3.39     20.511         79
    305.00    400.00    106.55    3.60     19.776          6
    295.00    405.00    106.62    3.29     21.583          5
    305.00    405.00    110.94    3.57     19.934          6
    295.00    410.00    111.23    3.29     21.682          6
    300.00    410.00    113.22    3.36     20.755        169
    305.00    410.00    115.38    3.55     20.064          6
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    290.00    395.00     95.46 Center rejected as follows:  UTEXAS ERROR NUMBER
9270
                                                            Solution did not
converge in iteration limit of 10000  iterations
```

```
                                                                    Failed to converge
during stage 1 computations

    295.00    395.00     97.51    3.28     21.251          5
    300.00    395.00     99.76 Center rejected as follows:      UTEXAS ERROR NUMBER
9280
                                                                  The side force
inclination fell outside the range of values allowed.
                                                                  The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                  The maximum value
allowed is:    8.00000e+001 degrees.

    290.00    400.00    100.09 Center rejected as follows:      UTEXAS ERROR NUMBER
9280
                                                                  The side force
inclination fell outside the range of values allowed.
                                                                  The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                  The maximum value
allowed is:    8.00000e+001 degrees.

    290.00    405.00    104.75    3.38     22.778         84
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    290.00    390.00     90.87 Center rejected as follows:      UTEXAS ERROR NUMBER
9270
                                                                  Solution did not
converge in iteration limit of 10000  iterations
                                                                  Failed to converge
during stage 1 computations

    295.00    390.00     93.02    3.28     20.998          4
    300.00    390.00     95.38    3.45     20.128          6
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    292.00    392.00     93.52    3.27     21.823          5
    295.00    392.00     94.81    3.28     21.108          5
    298.00    392.00     96.18 Center rejected as follows:      UTEXAS ERROR NUMBER
9280
                                                                  The side force
inclination fell outside the range of values allowed.
                                                                  The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                  The maximum value
allowed is:    8.00000e+001 degrees.

    292.00    395.00     96.25    3.27     21.950          5
    298.00    395.00     98.84    3.34     20.650          6
    292.00    398.00     99.01    3.27     22.061          5
    295.00    398.00    100.22    3.28     21.372          5
    298.00    398.00    101.52    3.32     20.753          6
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    289.00    389.00     89.55 Center rejected as follows:      UTEXAS ERROR NUMBER
9280
                                                                  The side force
inclination fell outside the range of values allowed.
                                                                  The minimum value
allowed is:   -1.00000e+001 degrees.
                                                                  The maximum value
allowed is:    8.00000e+001 degrees.

    292.00    389.00     90.80    3.27     21.689          5
    295.00    389.00     92.13    3.28     20.938          4
    289.00    392.00     92.31 Center rejected as follows:      UTEXAS ERROR NUMBER
```

```
3280                                                    The side force
inclination fell outside the range of values allowed.
                                                        The minimum value
allowed is:   -1.00000e+001 degrees.
                                                        The maximum value
allowed is:    8.00000e+001 degrees.

    289.00    395.00     95.08    3.48     22.962        68
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    291.00    391.00     92.20    3.31     22.147         5
    292.00    391.00     92.61    3.27     21.779         5
    293.00    391.00     93.04    3.27     21.554         5
    291.00    392.00     93.11    3.31     22.188         5
    293.00    392.00     93.94    3.27     21.605         5
    291.00    393.00     94.02    3.31     22.228         5
    292.00    393.00     94.43    3.27     21.866         5
    293.00    393.00     94.85    3.27     21.655         5
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    291.00    390.00     91.29    3.31     22.105         6
    292.00    390.00     91.71    3.27     21.734         5
    293.00    390.00     92.14    3.27     21.502         5
- - - - - - New 9-Point Grid (only new points calculated) - - - - - -
    291.00    389.00     90.38    3.31     22.062         6
    293.00    389.00     91.24    3.27     21.449         5
----- Critical Circle After the Current Mode of Search -----
X: 292.00     Y: 390.00     Radius: 91.706
Factor of safety: 3.27     Side force inclination: 21.734
▯
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        SECTION I-I'  Cut Slope Configuration with Rock Anchors  Static Stability
        PROPOSED SLOPE
        STATIC LOADING
        CIRCULAR FAILURE

TABLE NO. 33
*********************************************
* 1-STAGE FINAL CRITICAL CIRCLE INFORMATION *
*********************************************
X Coordinate of Center . . . . . . . . . . . . . . . 292.00
Y Coordinate of Center . . . . . . . . . . . . . . . 390.00
Radius . . . . . . . . . . . . . . . . . . . . . . . 91.71
Factor of Safety . . . . . . . . . . . . . . . . . . 3.267
Side Force Inclination (degrees) . . . . . . . . . . 21.73
Number of Circles Tried . . . . . . . . . . . . . . 54
Number of Circles F Calculated for . . . . . . . . 40
Time Required for Search (seconds) . . . . . . . . 32.7
▯
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        SECTION I-I'  Cut Slope Configuration with Rock Anchors  Static Stability
        PROPOSED SLOPE
        STATIC LOADING
        CIRCULAR FAILURE
```

TABLE NO. 43

```
*************************************************************
* Coordinate, Weight, Strength and Pore Water Pressure      *
* Information for Individual Slices for Conventional        *
* Computations or First Stage of Multi-Stage Computations.  *
* (Information is for the critical shear surface in the     *
* case of an automatic search.)                             *
*************************************************************
```

Slice No.	X	Y	Slice Weight	Matl. No.	Cohesion	Friction Angle	Pore Pressure
	253.00	307.00					
1	255.20	306.04	593	1	0.0	50.00	0.0
	257.40	305.07					
2	259.64	304.23	1745	1	0.0	50.00	0.0
	261.89	303.38					
3	264.18	302.65	2786	1	0.0	50.00	0.0
	266.46	301.92					
4	268.79	301.31	3698	1	0.0	50.00	0.0
	271.11	300.71					
5	273.46	300.22	4463	1	0.0	50.00	0.0
	275.81	299.73					
6	278.18	299.37	5068	1	0.0	50.00	0.0
	280.56	299.01					
7	282.95	298.77	5502	1	0.0	50.00	0.0
	285.33	298.54					
8	285.67	298.51	790	1	0.0	50.00	0.0
	286.00	298.49					
9	287.00	298.44	2958	1	0.0	50.00	0.0
	288.00	298.38					
10	289.00	298.35	4102	1	0.0	50.00	0.0
	290.00	298.32					
11	291.00	298.30	5235	1	0.0	50.00	0.0
	292.00	298.29					
12	293.00	298.30	6355	1	0.0	50.00	0.0
	294.00	298.32					
13	295.25	298.36	9499	1	0.0	50.00	0.0
	296.50	298.40					
14	298.89	298.58	19716	1	0.0	50.00	0.0
	301.29	298.77					
15	303.64	299.07	19088	1	0.0	50.00	0.0
	306.00	299.37					
16	307.00	299.53	7970	1	0.0	50.00	0.0
	308.00	299.70					
17	309.00	299.89	7871	1	0.0	50.00	0.0
	310.00	300.08					
18	310.85	300.26	6604	1	0.0	50.00	0.0
	311.70	300.43					
19	311.85	300.47	1156	1	0.0	50.00	0.0
	312.00	300.50					
20	314.00	301.00	15122	1	0.0	50.00	0.0
	316.00	301.49					
21	317.00	301.77	7343	1	0.0	50.00	0.0
	318.00	302.06					
22	319.00	302.36	7178	1	0.0	50.00	0.0
	320.00	302.67					
23	321.00	303.01	6998	1	0.0	50.00	0.0
	322.00	303.34					
24	322.50	303.52	3638	1	0.0	50.00	0.0
	323.00	303.69					
25	324.00	304.06	8242	1	0.0	50.00	0.0
	325.00	304.44					

26	326.00	304.84	9426	1	0.0	50.00	0.0
	327.00	305.24					
27	328.00	305.66	10595	1	0.0	50.00	0.0
	329.00	306.09					
28	331.17	307.12	24071	1	0.0	50.00	0.0
	333.34	308.14					
29	335.45	309.28	23007	1	0.0	50.00	0.0
	337.57	310.42					
30	339.28	311.45	18246	1	0.0	50.00	0.0
	341.00	312.48					
31	342.00	313.13	10388	1	0.0	50.00	0.0
	343.00	313.78					
32	344.00	314.47	10144	1	0.0	50.00	0.0
	345.00	315.16					
33	346.92	316.60	18720	1	0.0	50.00	0.0
	348.84	318.04					
34	349.42	318.50	5415	1	0.0	50.00	0.0
	350.00	318.96					
35	351.00	319.81	9108	1	0.0	50.00	0.0
	352.00	320.65					
36	353.00	321.54	8754	1	0.0	50.00	0.0
	354.00	322.43					
37	355.73	324.10	14177	1	0.0	50.00	0.0
	357.45	325.77					
38	359.09	327.52	12230	1	0.0	50.00	0.0
	360.72	329.28					
39	362.27	331.12	10294	1	0.0	50.00	0.0
	363.81	332.96					
40	365.25	334.88	8399	1	0.0	50.00	0.0
	366.69	336.79					
41	368.04	338.79	6580	1	0.0	50.00	0.0
	369.38	340.78					
42	370.19	342.10	3343	1	0.0	50.00	0.0
	371.00	343.43					
43	372.16	345.53	3899	1	0.0	50.00	0.0
	373.33	347.63					
44	374.38	349.78	2544	1	0.0	50.00	0.0
	375.44	351.94					
45	376.37	354.15	1338	1	0.0	50.00	0.0
	377.31	356.36					
46	378.03	358.29	326	1	0.0	50.00	0.0
	378.74	360.22					

No water in crack.

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SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 44

```
*************************************************************
* Seismic Forces and Forces Due to Distributed Loads for *
* Individual Slices for Conventional Computations or the *
* First Stage of Multi-Stage Computations.               *
* (Information is for the critical shear surface in the  *
* case of an automatic search.)                          *
```

****

There are no seismic forces or forces due to distributed loads
for the current shear surface

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SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 45

****
* Forces Due to Internal Soil Reinforcement for *
* Individual Slices for Conventional Computations or the *
* First Stage of Multi-Stage Computations. *
* (Information is for the critical shear surface in the *
* case of an automatic search.) *
****

Slice No.	X	Horizontal Force on Side	Vertical Force on Side	Y-Coordinate of Force	Horizontal Force on Base	Vertical Force on Base
	253.00					
1 Left:		0	0	307.00	0	0
1 Right:		0	0	305.07	0	0
	257.40					
2 Left:		0	0	305.07	0	0
2 Right:		0	0	303.38	0	0
	261.89					
3 Left:		0	0	303.38	0	0
3 Right:		0	0	301.92	0	0
	266.46					
4 Left:		0	0	301.92	0	0
4 Right:		0	0	300.71	0	0
	271.11					
5 Left:		0	0	300.71	0	0
5 Right:		0	0	299.73	0	0
	275.81					
6 Left:		0	0	299.73	0	0
6 Right:		0	0	299.01	0	0
	280.56					
7 Left:		0	0	299.01	0	0
7 Right:		0	0	298.54	0	0
	285.33					
8 Left:		0	0	298.54	0	0
8 Right:		0	0	298.49	0	0
	286.00					
9 Left:		0	0	298.49	0	0
9 Right:		0	0	298.38	0	0
	288.00					
10 Left:		0	0	298.38	0	0
10 Right:		0	0	298.32	0	0
	290.00					
11 Left:		0	0	298.32	0	0
11 Right:		0	0	298.29	0	0
	292.00					

12 Left:	0	0	298.29	0	0
12 Right:	0	0	298.32	0	0
294.00					
13 Left:	0	0	298.32	0	0
13 Right:	0	0	298.40	0	0
296.50					
14 Left:	0	0	298.40	0	0
14 Right:	0	0	298.77	0	0
301.29					
15 Left:	0	0	298.77	0	0
15 Right:	0	0	299.37	0	0
306.00					
16 Left:	0	0	299.37	0	0
16 Right:	0	0	299.70	0	0
308.00					
17 Left:	0	0	299.70	0	0
17 Right:	0	0	300.08	0	0
310.00					
18 Left:	0	0	300.08	0	0
18 Right:	0	0	300.43	5999	-2700
311.70					
19 Left:	0	0	300.43	0	0
19 Right:	0	0	300.50	0	0
312.00					
20 Left:	0	0	300.50	0	0
20 Right:	0	0	301.49	0	0
316.00					
21 Left:	0	0	301.49	0	0
21 Right:	0	0	302.06	0	0
318.00					
22 Left:	0	0	302.06	0	0
22 Right:	0	0	302.67	0	0
320.00					
23 Left:	0	0	302.67	0	0
23 Right:	0	0	303.34	0	0
322.00					
24 Left:	0	0	303.34	0	0
24 Right:	0	0	303.69	0	0
323.00					
25 Left:	0	0	303.69	0	0
25 Right:	0	0	304.44	0	0
325.00					
26 Left:	0	0	304.44	0	0
26 Right:	0	0	305.24	0	0
327.00					
27 Left:	0	0	305.24	0	0
27 Right:	0	0	306.09	0	0
329.00					
28 Left:	0	0	306.09	0	0
28 Right:	0	0	308.14	0	0
333.34					
29 Left:	0	0	308.14	0	0
29 Right:	0	0	310.42	0	0
337.57					
30 Left:	0	0	310.42	0	0
30 Right:	0	0	312.48	0	0
341.00					
31 Left:	0	0	312.48	0	0
31 Right:	0	0	313.78	0	0
343.00					
32 Left:	0	0	313.78	0	0
32 Right:	0	0	315.16	0	0
345.00					

33 Left:	0	0	315.16	0	0
33 Right: 348.84	0	0	318.04	0	0
34 Left:	0	0	318.04	0	0
34 Right: 350.00	0	0	318.96	0	0
35 Left:	0	0	318.96	0	0
35 Right: 352.00	0	0	320.65	0	0
36 Left:	0	0	320.65	0	0
36 Right: 354.00	0	0	322.43	0	0
37 Left:	0	0	322.43	0	0
37 Right: 357.45	0	0	325.77	0	0
38 Left:	0	0	325.77	0	0
38 Right: 360.72	0	0	329.28	0	0
39 Left:	0	0	329.28	0	0
39 Right: 363.81	0	0	332.96	0	0
40 Left:	0	0	332.96	0	0
40 Right: 366.69	0	0	336.79	0	0
41 Left:	0	0	336.79	0	0
41 Right: 369.38	0	0	340.78	0	0
42 Left:	0	0	340.78	0	0
42 Right: 371.00	0	0	343.43	0	0
43 Left:	0	0	343.43	0	0
43 Right: 373.33	0	0	347.63	0	0
44 Left:	0	0	347.63	0	0
44 Right: 375.44	0	0	351.94	0	0
45 Left:	0	0	351.94	0	0
45 Right: 377.31	0	0	356.36	0	0
46 Left:	0	0	356.36	0	0
46 Right: 378.74	0	0	360.22	0	0

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SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 46

```
*************************************************************
* Forces Due to Internal Soil Reinforcement for             *
* Individual Slices for Conventional Computations or the    *
* First Stage of Multi-Stage Computations.                  *
* (Information is for the critical shear surface in the     *
* case of an automatic search.)                             *
*************************************************************
```

Slice No.	Horizontal Force	Vertical Force	Moment about Center of Slice Base	Resultant Force	Angle (degs.)
1	0	0	0.0000e+000	0	0.00
2	0	0	0.0000e+000	0	0.00
3	0	0	0.0000e+000	0	0.00
4	0	0	0.0000e+000	0	0.00
5	0	0	0.0000e+000	0	0.00
6	0	0	0.0000e+000	0	0.00
7	0	0	0.0000e+000	0	0.00
8	0	0	0.0000e+000	0	0.00
9	0	0	0.0000e+000	0	0.00
10	0	0	0.0000e+000	0	0.00
11	0	0	0.0000e+000	0	0.00
12	0	0	0.0000e+000	0	0.00
13	0	0	0.0000e+000	0	0.00
14	0	0	0.0000e+000	0	0.00
15	0	0	0.0000e+000	0	0.00
16	0	0	0.0000e+000	0	0.00
17	0	0	0.0000e+000	0	0.00
18	5999	-2700	-3.3662e+003	6579	-24.23
19	0	0	0.0000e+000	0	0.00
20	0	0	0.0000e+000	0	0.00
21	0	0	0.0000e+000	0	0.00
22	0	0	0.0000e+000	0	0.00
23	0	0	0.0000e+000	0	0.00
24	0	0	0.0000e+000	0	0.00
25	0	0	0.0000e+000	0	0.00
26	0	0	0.0000e+000	0	0.00
27	0	0	0.0000e+000	0	0.00
28	0	0	0.0000e+000	0	0.00
29	0	0	0.0000e+000	0	0.00
30	0	0	0.0000e+000	0	0.00
31	0	0	0.0000e+000	0	0.00
32	0	0	0.0000e+000	0	0.00
33	0	0	0.0000e+000	0	0.00
34	0	0	0.0000e+000	0	0.00
35	0	0	0.0000e+000	0	0.00
36	0	0	0.0000e+000	0	0.00
37	0	0	0.0000e+000	0	0.00
38	0	0	0.0000e+000	0	0.00
39	0	0	0.0000e+000	0	0.00
40	0	0	0.0000e+000	0	0.00
41	0	0	0.0000e+000	0	0.00
42	0	0	0.0000e+000	0	0.00
43	0	0	0.0000e+000	0	0.00
44	0	0	0.0000e+000	0	0.00
45	0	0	0.0000e+000	0	0.00
46	0	0	0.0000e+000	0	0.00

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SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 47

```
*****************************************************************
*  Information for the Iterative Solution for the Factor of  *
*  Safety and Side Force Inclination by Spencer's Procedure  *
*****************************************************************
Allowable force imbalance for convergence:  4
Allowable moment imbalance for convergence: 1225

        Trial      Trial                                          Delta
        Factor     Side Force    Force       Moment                Theta
Iter-    of        Inclination   Imbalance   Imbalance   Delta-F   (degrees)
ation   Safety     (degrees)     (lbs.)      (ft.-lbs.)

   1   3.00000     17.1887   -8.071e+003   1.258e+006
First-order corrections to F and Theta .............   0.5194    17.5987
Reduced values - Deltas were too large .............   0.0846     2.8648

   2   3.08455     20.0535   -6.906e+003   1.109e+006
First-order corrections to F and Theta .............   0.2351     4.3988
Reduced values - Deltas were too large .............   0.1531     2.8648

   3   3.23766     22.9183   -2.720e+003   5.326e+005
First-order corrections to F and Theta .............   0.0191    -1.5280
Second-order corrections to F and Theta ............   0.0293    -1.1773

   4   3.26695     21.7411    3.041e+000   8.296e+001
First-order corrections to F and Theta .............  -0.0002    -0.0073
Second-order corrections to F and Theta ............  -0.0002    -0.0073

   5   3.26671     21.7338    6.975e-008   3.219e-005
First-order corrections to F and Theta .............  -0.0000    -0.0000
```

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Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 55

```
*********************************************************************
* Check of Computations by Spencer's Procedure (Results are for the *
* critical shear surface in the case of an automatic search.)       *
*********************************************************************
```

Summation of Horizontal Forces: 5.89537e-011

Summation of Vertical Forces: 3.42197e-011

Summation of Moments: 7.26141e-009

Mohr Coulomb Shear Force/Shear Strength Check Summation: 1.79909e-011

UTEXAS4 S/N:00107 - Version: 4.0.0.8 - Latest Revision: 07/27/2001
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Time and date of run: Thu Feb 27 17:12:29 2003
Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability

PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 58

```
*************************************************************************
* Final Results for Stresses Along the Shear Surface                    *
* (Results are for the critical shear surface in the case of a search.) *
*************************************************************************
```

SPENCER'S PROCEDURE USED TO COMPUTE THE FACTOR OF SAFETY
Factor of Safety: 3.267 Side Force Inclination: 21.73

Slice No.	-------- VALUES AT CENTER OF BASE OF SLICE -------- X-Center	Y-Center	Total Normal Stress	Effective Normal Stress	Shear Stress
1	255.20	306.04	259.5	259.5	94.7
2	259.64	304.23	685.6	685.6	250.1
3	264.18	302.65	996.2	996.2	363.4
4	268.79	301.31	1216.0	1216.0	443.6
5	273.46	300.22	1362.1	1362.1	496.9
6	278.18	299.37	1446.6	1446.6	527.7
7	282.95	298.77	1478.8	1478.8	539.5
8	285.67	298.51	1481.9	1481.9	540.6
9	287.00	298.44	1819.4	1819.4	663.8
10	289.00	298.35	2472.6	2472.6	902.0
11	291.00	298.30	3092.9	3092.9	1128.3
12	293.00	298.30	3682.2	3682.2	1343.3
13	295.25	298.36	4309.6	4309.6	1572.2
14	298.89	298.58	4514.8	4514.8	1647.1
15	303.64	299.07	4253.4	4253.4	1551.7
16	307.00	299.53	4061.7	4061.7	1481.8
17	309.00	299.89	3941.0	3941.0	1437.8
18	310.85	300.26	6777.4	6777.4	2472.5
19	311.85	300.47	3764.7	3764.7	1373.4
20	314.00	301.00	3623.8	3623.8	1322.0
21	317.00	301.77	3428.6	3428.6	1250.8
22	319.00	302.36	3293.2	3293.2	1201.4
23	321.00	303.01	3155.0	3155.0	1151.0
24	322.50	303.52	3237.0	3237.0	1180.9
25	324.00	304.06	3618.5	3618.5	1320.1
26	326.00	304.84	4065.1	4065.1	1483.0
27	328.00	305.66	4487.5	4487.5	1637.1
28	331.17	307.12	4562.5	4562.5	1664.5
29	335.45	309.28	4300.2	4300.2	1568.8
30	339.28	311.45	4046.0	4046.0	1476.1
31	342.00	313.13	3844.1	3844.1	1402.4
32	344.00	314.47	3674.8	3674.8	1340.6
33	346.92	316.60	3415.4	3415.4	1246.0
34	349.42	318.50	3192.1	3192.1	1164.5
35	351.00	319.81	3043.5	3043.5	1110.3
36	353.00	321.54	2851.7	2851.7	1040.4
37	355.73	324.10	2578.8	2578.8	940.8
38	359.09	327.52	2232.4	2232.4	814.4
39	362.27	331.12	1890.6	1890.6	689.7
40	365.25	334.88	1556.6	1556.6	567.9
41	368.04	338.79	1233.9	1233.9	450.2
42	370.19	342.10	980.2	980.2	357.6
43	372.16	345.53	750.5	750.5	273.8
44	374.38	349.78	499.4	499.4	182.2
45	376.37	354.15	268.7	268.7	98.0

46	378.03	358.29	78.3	78.3	28.6

UTEXAS4 S/N:00107 - Version: 4.0.0.8 - Latest Revision: 07/27/2001
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Time and date of run: Thu Feb 27 17:12:29 2003
Name of input data file: I:\Project\6000s\6427.008p\Stability\Section I-I\II_proposed_circle_253.dat

SECTION I-I' Cut Slope Configuration with Rock Anchors Static Stability
PROPOSED SLOPE
STATIC LOADING
CIRCULAR FAILURE

TABLE NO. 59

```
*************************************************************************
* Final Results for Side Forces and Stresses Between Slices             *
* (Results are for the critical shear surface in the case of a search.) *
*************************************************************************
```

---------- VALUES AT RIGHT SIDE OF SLICE ----------

Slice No.	X-Right	Side Force	Y-Coord. of Side Force Location	Fraction of Height	Sigma at Top	Sigma at Bottom
1	257.40	986	306.91	0.955	1772.7	-821.8
2	261.89	3447	306.15	0.764	2285.6	-517.6
3	266.46	6799	305.80	0.763	3205.6	-718.5
4	271.11	10609	305.71	0.794	4330.2	-1199.1
5	275.81	14548	305.84	0.840	5659.0	-1939.2
6	280.56	18371	306.19	0.899	7244.1	-2972.1
7	285.33	21901	306.75	0.970	9181.3	-4373.8
8	286.00	22361	306.84	0.981	9485.8	-4603.8
9	288.00	24004	307.03	0.686	3735.3	-201.2
10	290.00	26121	307.09	0.526	1682.7	1225.9
11	292.00	28623	307.09	0.425	704.2	1863.9
12	294.00	31429	307.07	0.354	150.1	2215.3
13	296.50	35249	307.07	0.293	-270.1	2482.8
14	301.29	41983	307.46	0.297	-287.5	2955.4
15	306.00	47092	308.33	0.313	-187.7	3243.4
16	308.00	48832	308.80	0.321	-114.7	3320.5
17	310.00	50327	309.32	0.331	-24.5	3373.1
18	311.70	58705	308.72	0.300	-391.1	4347.7
19	312.00	58879	308.81	0.302	-372.2	4350.1
20	316.00	60715	310.14	0.326	-87.9	4342.8
21	318.00	61316	310.86	0.339	76.6	4314.3
22	320.00	61718	311.59	0.352	257.1	4270.2
23	322.00	61932	312.36	0.366	454.8	4211.0
24	323.00	61974	312.75	0.332	-19.2	4235.5
25	325.00	61915	313.56	0.289	-484.5	4128.9
26	327.00	61614	314.40	0.256	-739.9	3940.5
27	329.00	61015	315.29	0.230	-876.3	3716.5
28	333.34	58717	317.37	0.235	-819.8	3595.1
29	337.57	55321	319.61	0.239	-756.2	3429.9
30	341.00	51777	321.58	0.242	-698.9	3262.8
31	343.00	49412	322.80	0.246	-657.2	3159.7
32	345.00	46852	324.07	0.249	-614.3	3047.5
33	348.84	41432	326.68	0.256	-529.1	2806.9
34	350.00	39691	327.51	0.258	-502.8	2728.3
35	352.00	36574	329.00	0.262	-456.9	2585.5
36	354.00	33344	330.56	0.266	-410.3	2434.3
37	357.45	27574	333.43	0.273	-329.3	2154.1
38	360.72	21999	336.40	0.281	-251.9	1865.9

39	363.81	16799	339.46	0.291	-179.0	1574.6
40	366.69	12135	342.59	0.302	-111.1	1285.4
41	369.38	8146	345.78	0.316	-49.7	1004.9
42	371.00	5974	347.89	0.329	-11.8	829.5
43	373.33	3268	351.15	0.341	13.4	573.6
44	375.44	1362	354.50	0.370	40.3	326.0
45	377.31	282	358.01	0.504	81.9	78.1
46	378.74	-0	360.22	1.000	0.0	0.0

UTEXAS ERROR NUMBER 1200
Unrecognized command word:
The following line of input data was entered:

The end-of-file was reached in the input file while looking for another set of data.

ATTACHMENT

3-2

Seismic Hazards Review Board
Independent Spent Fuel Storage Installation – Diablo Canyon Nuclear Power Plant

Clarence R. Allen *Bruce A Bolt*
I. M. Idriss *Robert P. Kennedy*

September 28, 2001

Mr. Lloyd S. Cluff, Director
Geosciences Department
Pacific Gas & Electric Company
Mail Code N4C
P. O. Box 770000
245 Market Street, Room 403
San Francisco, CA 94177

Dear Mr. Cluff:

Subject: Seismic Hazards Review Board Meeting (August 1, 2001)
DCPP Independent Spent Fuel Storage Installation (ISFSI)

INTRODUCTION

This Board Meeting was held on August 1, 2001, at PG&E's Offices in San Francisco, generally followed the agenda shown in Attachment A, and was attended by the individuals listed in Attachment B.

The Board considered Earthquake Ground Motions in its Peer Review capacity. The Board also reviewed presentations of material on Geologic Studies and Slope Stability.

EARTHQUAKE GROUND MOTIONS

Each member of the Board was provided, prior to the meeting, calculations ***GEO.DCPP.01.10***, ***GEO.DCPP.01.11***, ***GEO.DCPP.01.12***, ***GEO.DCPP.01.13***, and ***GEO.DCPP.01.14***, with Dr. Paul Somerville's in-line Peer Review written comments on those calculations. The revisions and additions to the calculation packages were summarized during the meeting and satisfactorily responded to the comments and recommendations included in our report dated July 30, 2001. Dr. Somerville also summarized his peer review comments at this meeting. The Board members performed a Peer Review of this material in accordance with the provisions of QVP GEO 2001-01, Revision 3, dated July 5, 2001, focusing on a review of the validity of the assumptions and the limitations of the methodologies utilized, the uncertainty of the results, the validity of the conclusions, and the credibility of the results.

It is noted, however, that while the calculations included in the packages and the material presented during this meeting constituted, for the most part, completed work, the Independent Technical Review (ITR) process had not been fully completed at the time of the Board meeting. It is understood that the Independent Technical Reviewers' comments will be addressed by the originators of the calculations and incorporated in the calculation packages. It is understood that Geosciences will formally notify the Board when these ITR comments have been satisfactorily addressed. It is further understood that Geosciences will also formally notify the Board as to when and how the Board's recommendations have been addressed.

We concur with the finally selected motions 1, 3, 5, and 6. Because of the orientation of the original records used for motion 2, Dr. Somerville raised a question regarding the rotation used to construct the spectrum-compatible accelerograms for this motion. We agree that it is appropriate to use the rotation procedure preferred by Dr. Somerville, and thus recommend that motion 2 be replaced by motion 2a.

While it is conservative to incorporate the fling pulse in the constructed accelerograms, we feel that it is appropriate to do so for engineering applications.

We also recommend that the influence of incorporating the fling pulse on potential deformations of the slopes be evaluated.

GEOLOGIC STUDIES

The Board was presented with the results of recent geologic studies in the projected ISFSI pad area. These included: detailed mapping to define better the geologic structure, including gentle folding; further limited trenching to identify faults traversing the projected pad; and additional core-drilling to understand and define better the local stratigraphy, particularly with regard to the continuity of clay beds and their impact on slope-stability calculations. The Board considers that these studies have been carefully carried out and thoroughly documented.

The Board repeats the conclusion of its March 15, 2001 report that faults in the pad area are non-capable. It was pointed out by Dr. Lettis that this conclusion could be further strengthened by conducting additional leveling surveys of the Q5 terrace surface in the site area. Although the terrace is discontinuous because of erosion, sufficient preservation probably remains to document its apparent lack of deformation, during at least the past 300,000 to 400,000 years, in the area where the terrace truncates the faults that pass through the projected pad site. Completing such an effort would provide additional documentation regarding the non-capability of these faults.

SLOPE STABILITY

We concur with the approach as well as the parameters being used to evaluate the stability of the slopes adjacent to the ISFSI pad site. We recommend, however, that additional sections be analyzed by constructing rotated sections that may be more critical than those considered to date. We also recommend that the influence of incorporating the fling pulse on potential deformations of the slopes be evaluated, as noted above, and that the effects of varying strength parameters be assessed.

The strength of the clay seams, particularly at low confining pressures, was discussed at some length during the August 1 meeting and PG&E agreed to re-examine the available data and to construct a strength envelope for use in the deformation evaluations. Such an envelope was recently constructed by PG&E and reviewed by I. M. Idriss on behalf of the Board and by Dr. A. J. Hendron, consultant to PG&E. Based on this review, we concur with the adequacy of this strength envelope.

CONCLUDING REMARKS

We wish to reiterate our overall conclusion that the results contained in the referenced calculations and those presented at this meeting are reasonable and that the work has been performed and peer-reviewed by highly competent professionals, who are fully familiar with the State-of-the-Art, State-of-the-Knowledge, and State-of-the-Practice of the subjects pertinent to these evaluations.

Respectfully submitted,

SEISMIC HAZARDS REVIEW BOARD

Clarence R. Allen

Bruce A Bolt

I. M. Idriss

Robert P. Kennedy

DCPP-ISFSI
Seismic Technical Review Board Meeting
Wednesday August 1, 2001
PG&E 77 Beale Street Building
San Francisco

Conference Room 308

8:30 Introductory Comments	L. Cluff/J. Strickland
8:45 Selected Earthquake Spectra and Time Histories	N. Abrahamson
▪ Response to Board and Peer Review Comments	
9:30 Peer Review Report	P. Somerville
9:45 Discussion of Ground Motions	
▪ General Discussion	
▪ Previous Storage Cask Spectra and Time Histories	
10:45 Site and Slope Stability	Bill Page/Rob White
▪ Geology/Geotechnical Analysis and Interpretations	
▪ Sensitivity Analysis	
▪ Skip Hendron Review	
12:00 Lunch	
1:00 Board Report Preparation	
3:00 Board Report Discussion	
4:00 Meeting Adjournment	

ATTACHMENT

3-3

NUCLEAR POWER GENERATION
CF3.ID4
ATTACHMENT 7.2

Index No.	402
Binder No.	~~201Y~~ ~~207Y~~

TITLE: DESIGN CALCULATION COVER SHEET

Unit(s): 1&2

File No.: 52.27

Responsible Group: NCFC

Calculation No.: 52.27.100.741

System No. 42C

Design Calculation YES [x] NO [ ]

Quality Classification Q

Structure, System or Component: Independent Spent Fuel Storage Facility

Subject: Development of Strength Envelopes for Clay Beds at DCPP ISFSI (GEO.DCPP.01.31, Rev. 1)

Computer/Electronic calculation YES [ ] NO [x]

Computer ID	Application Name and Version	Date of Latest Installation/Validation Test

Registered Engineer Stamp: Complete A or B

A. Insert PE Stamp or Seal Below	B. Insert stamp directing to the PE stamp or seal
Expiration Date:	***REGISTERED ENGINEERS' STAMPS AND EXPIRATION DATES ARE SHOWN ON DWG 063618***

NOTE 1: Update DCI promptly after approval.

NOTE 2: Forward electronic calculation file to CCTG for uploading to EDMS.

CF3.ID4
ATTACHMENT 7.2

TITLE: DESIGN CALCULATION COVER SHEET

CALC No. 52.27.100.741

RECORD OF REVISIONS

Rev No.	Status	No. of Pages	Reason for Revision	Prepare By:	LBIE Screen	LBIE	Check Method*	LBIE Approval		Checked	Supervisor	Registered Engineer
			Remarks	Initials/ LAN ID/ Date	Yes/ No/ NA	Yes/ No/ NA		PSRC Mtg. No.	PSRC Mtg. Date	Initials/ LAN ID/ Date	Initials/ LAN ID/ Date	Signature/ LAN ID/ Date
~~1~~ 0	F	42	Acceptance of Geosciences Calc. No. GEO.DCPP.01.31, Rev. 1. Calc. supports current edition of 10CFR72 DCPP License Application to be reviewed by NRC prior to implementation. ITR comments filed in UFSP files by calculation w/Memorandum to File. Prepared per CF3.ID17 requirements.	AFT2 AT 8/9/02	[ ] Yes [ ] No [x] NA	[ ] Yes [ ] No [x] NA	[ ] A [ ] B [x] C	N/A	N/A	N/A	WHH WHH 9/12/02	WHH WHH 9/12/02
					[ ] Yes [ ] No [ ] NA	[ ] Yes [ ] No [ ] NA	[ ] A [ ] B [ ] C					
					[ ] Yes [ ] No [ ] NA	[ ] Yes [ ] No [ ] NA	[ ] A [ ] B [ ] C					
					[ ] Yes [ ] No [ ] NA	[ ] Yes [ ] No [ ] NA	[ ] A [ ] B [ ] C					

*Check Method: A: Detailed Check, B: Alternate Method (note added pages), C: Critical Point Check

Table of Contents:

Item	Type	Title	Page Numbers
1	Index	Cross-Index (For Information Only)	1-1 to 1 - 5
2	Attachment A	Development of Strength Envelopes for Clay Beds at DCPP ISFSI	1 – 36

1- This table cross references between Geosciences calculation numbers and DCPP (Civil Group's) calculation numbers. This section is For Information Only.

Cross-Index

(For Information Only)

Item No.	Geoscience Calc. No.	Title	PG&E Calc. No.	Comments
1	GEO.DCPP.01.01	Development of Young's Modulus and Poisson's Ratios for DCPP ISFSI Based on Field Data	52.27.100.711	
2	GEO.DCPP.01.02	Determination of Probabilistically Reduced Peak Bedrock Accelerations for DCPP ISFSI Transporter Analyses	52.27.100.712	Void. Not used.
3	GEO.DCPP.01.03	Development of Allowable Bearing Capacity for DCPP ISFSI Pad and CTF Stability Analyses	52.27.100.713	
4	GEO.DCPP.01.04	Methodology for Determining Sliding Resistance Along Base of DCPP ISFSI Pads	52.27.100.714	
5	GEO.DCPP.01.05	Determination of Pseudostatic Acceleration Coefficient for Use in DCPP ISFSI Cutslope Stability Analyses	52.27.100.715	
6	GEO.DCPP.01.06	Development of Lateral Bearing Capacity for DCPP CTF Stability Analyses	52.27.100.716	
7	GEO.DCPP.01.07	Development of Coefficient of Subgrade Reaction for DCPP ISFSI Pad Stability Checks	52.27.100.717	
8	GEO.DCPP.01.08	Determination of Rock Anchor Design Parameters for DCPP ISFSI Cutslope	52.27.100.718	
9	GEO.DCPP.01.09	Determination of Applicability of Rock Elastic	52.27.100719	Calculation to be replaced by letter.

Cross-Index

(For Information Only)

Item No.	Geoscience Calc. No.	Title	PG&E Calc. No.	Comments
		Stress-Strain Values to Calculated Strains Under DCPP ISFSI Pad		
10	GEO.DCPP.01.10	Determination of SSER 34 Long Period Spectral Values	52.27.100.720	
11	GEO.DCPP.01.11	Development of ISFSI Spectra	52.27.100.721	
12	GEO.DCPP.01.12	Development of Fling Model for Diablo Canyon ISFSI	52.27.100.722	
13	GEO.DCPP.01.13	Development of Spectrum Compatible Time Histories	52.27.100.723	
14	GEO.DCPP.01.14	Development of Time Histories with Fling	52.27.100.724	
15	GEO.DCPP.01.15	Development of Young's Modulus and Poisson's Ratio Values for DCPP ISFSI Based on Laboratory Data	52.27.100.725	
16	GEO.DCPP.01.16	Development of Strength Envelopes for Non-jointed Rock at DCPP ISFSI Based on Laboratory Data	52.27.100.726	
17	GEO.DCPP.01.17	Determination of Mean and Standard Deviation of Unconfined Compression Strengths for Hard Rock at DCPP ISFSI Based on Laboratory Tests	52.27.100.727	
18	GEO.DCPP.01.18	Determination of Basic Friction Angle Along Rock Discontinuities at DCPP ISFSI Based on Laboratory Tests	52.27.100.728	

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(For Information Only)

Item No.	Geoscience Calc. No.	Title	PG&E Calc. No.	Comments
19	GEO.DCPP.01.19	Development of Strength Envelopes for Jointed Rock Mass at DCPP ISFSI Using Hoek-Brown Equations	52.27.100.729	
20	GEO.DCPP.01.20	Development of Strength Envelopes for Shallow Discontinuities at DCPP ISFSI Using Barton Equations	52.27.100.730	
21	GEO.DCPP.01.21	Analysis of Bedrock Stratigraphy and Geologic Structure at the DCPP ISFSI Site	52.27.100.731	
22	GEO.DCPP.01.22	Kinematic Stability Analysis for Cutslopes at DCPP ISFSI Site	52.27.100.732	
23	GEO.DCPP.01.23	Pseudostatic Wedge Analyses of DCPP ISFSI Cutslopes(SWEDGE Analysis)	52.27.100.733	
24	GEO.DCPP.01.24	Stability and Yield Acceleration Analysis of Cross Section I-I'	52.27.100.734	
25	GEO.DCPP.01.25	Determination of Seismic Coefficient Time Histories for Potential Sliding Masses Above Cut Slopes Behind ISFSI Pad	52.27.100.735	
26	GEO.DCPP.01.26	Determination of Potential Earthquake-Induced Displacements of Potential Sliding Masses on DCPP ISFSI Slope	52.27.100.736	
27	GEO.DCPP.01.27	Stability of Cold Machine Shop Retaining Wall	52.27.100.737	
28	GEO.DCPP.01.28	Stability and Yield Acceleration Analysis of	52.27.100.738	

Cross-Index

(For Information Only)

Item No.	Geoscience Calc. No.	Title	PG&E Calc. No.	Comments
		Acceleration Analysis of Potential Sliding Masses Along DCPP ISFSI Transport Route		
29	GEO.DCPP.01.29	Determination of Seismic Coefficient Time Histories for Potential Sliding Masses Along DCPP ISFSI Transport Route	52.27.100.739	
30	GEO.DCPP.01.30	Determination of Potential Earthquake-Induced Displacements of Potential Sliding Masses Along DCPP ISFSI Transport Route	52.27.100.740	
31	GEO.DCPP.01.31	Development of Strength Envelopes for Clay Beds at DCPP ISFSI	52.27.100.741	
32	GEO.DCPP.01.32	Verification of Computer Program SPCTLR.EXE	52.27.100.742	
33	GEO.DCPP.01.33	Verification of Program UTEXAS3	52.27.100.743	
34	GEO.DCPP.01.34	Verification of Computer Code - QUAD4M	52.27.100.744	
35	GEO.DCPP.01.35	Verification of Computer Code DEFORMP	52.27.100.745	
36	GEO.DCPP.01.36	Reserved	52.27.100.746	
37	GEO.DCPP.01.37	Development of Freefield Ground Motion Storage Cask Spectra and Time Histories for the Used Fuel Storage Project	52.27.100.747	
38	GEO.DCPP.02.01	Verification of Computer Code RSPMATCH	52.27.100.748	

Cross-Index

(For Information Only)

Item No.	Geoscience Calc. No.	Title	PG&E Calc. No.	Comments
39	GEO.DCPP.02.02	Verification of Computer Code SHAKE (Geomatrix Version)	52.27.100.749	
40	GEO.DCPP.02.03	Verification of Computer Code RASCALS	52.27.100.750	

KT
8/9/02

PACIFIC GAS AND ELECTRIC COMPANY
GEOSCIENCES DEPARTMENT
CALCULATION DOCUMENT

Calc Number GEO.DCPP.01.31
Revision 1
Date 6/25/2002
Calc Pages: 34
Verification Method: A

TITLE: DEVELOPMENT OF STRENGTH ENVELOPES FOR CLAY BEDS AT DCPP ISFSI

PREPARED BY: for [signature] DATE 6/25/02

Karthik Narayanan — Geomatrix
Printed Name — Organization

VERIFIED BY: [signature] DATE 6/25/02

ZHILIANG WANG — Geomatrix
Printed Name — Organization

REGISTERED PROFESSIONAL ENGINEER
ZHI-LIANG WANG
NO. C 54715
EXP. 12/31/03
CIVIL
STATE OF CALIFORNIA

APPROVED BY: [signature] DATE 6/26/02

Lloyd S. Cluff — Geosciences
Printed Name — Organization

Development of Strength Envelope for clay beds at DCPP ISFSI

Calc. Number GEO.DCPP.01.31

Record of Revisions

Rev. No.	Reason for Revision	Revision Date
0	Initial Issue	11/13/01
1	Revised to incorporate comments from 1) Dale R. Marcum (11/30/01); 2) 6/4/2002 NQS Assessment Rpt. 01339023. Numerous editorial changes.	6/14/02

Calculation Title: Development of strength envelopes for clay beds at DCPP ISFSI
Calculation No.: GEO.DCPP.01.31
Revision No.: 1
Calculation Author: Karthik Narayanan (Geomatrix Consultants)
Calculation Date: June 14, 2002

PURPOSE

The objective of this calculation package is to develop strength parameters for the clay beds identified at the site. These strength parameters will be used for the stability analysis of potential sliding masses at the ISFSI site (GEO.DCPP.01.24). Parameters for both drained and undrained strength are developed. The analyses described in this calculation package are conducted in accordance with Geomatrix Consultants, Inc. Work Plan "Laboratory Testing of Soil and Rock Samples, Slope Stability Analysis, and Excavation design for Diablo Canyon Power Plant Independent Spent Fuel Storage Installation Site, Revision 4."

ASSUMPTIONS

Not applicable.

INPUTS

Data used to develop the drained and undrained strength parameters were obtained from laboratory tests performed on samples of the clay bed collected during subsurface exploration at the site. A summary of the strength data is shown on Table 1. A summary of plasticity index (PI) data is shown in Attachment A. Descriptions of the laboratory tests and a complete set of test results are presented in Data Report G (White, April 30, 2002). The configuration of the clay beds and the original ground surface were taken from the plots shown in Attachment B (as confirmed in Attachment E) and as updated in Calculation Package GEO.DCPP.01.21, revision 2.

METHOD

Drained and undrained strength parameters were developed from the results of strength and index testing performed on clay bed samples collected from borings and trenches excavated at the site. Strength tests consisted of consolidated-undrained triaxial compression tests (CU) with pore pressure measurements,

drained and undrained monotonic direct shear tests, and undrained cyclic direct shear tests. Atterberg limits tests were conducted on the clay bed samples to measure their liquid limits (LL) and plasticity indices (PI). Drained strength parameters, c' and ϕ', were developed from the results of the CU triaxial and drained monotonic direct shear tests, and from published empirical correlations with Atterberg Limits. Undrained strength parameters, c and ϕ, were developed from the results of the CU triaxial, undrained monotonic and cyclic direct shear, and empirical correlations with stress history.

Testing was conducted by Cooper Testing Laboratories of Mountain View, California; the test methods are described in further detail in the ISFSI Data Report G.

SOFTWARE

Standard Excel 97 math, statistical, and plotting functions were used. As such, verification methods are not applicable to this general purpose commercial software package. Math results, as presented on page 13, were hand checked. Statistical and plotting results, as presented on Tables 2 and 3, were checked with another commercial plotting software (Figures 2 and 3) and were found to be in agreement with the plots from Excel 97.

BODY OF CALCULATIONS

Drained Strength Parameters

Drained strength parameters, c' and ϕ', were developed from the results of the CU triaxial, drained monotonic direct shear, and from published empirical correlations with Atterberg Limits. Strength data was taken as the post-peak strength (defined as strength at the maximum displacement) from the drained direct shear tests, and the lower of either the stress at 5% axial strain or the post-peak strength for the CU tests.

Strength data from the CU tests were reported by the laboratory in terms of the parameters $\Delta\sigma_d$ (deviator stress), σ'_{3c} (initial confining stress), and Δu (excess pore water pressure). These parameters were converted to τ_{ff} (shear stress on the failure plane at failure) and σ'_{ff} (effective normal stress on the failure plane at failure) for comparison with the strength data from the drained direct shear tests. Equations used to convert the CU data for calculation of drained strength parameters are presented on page 9.

Plasticity indices (PI) measured in the laboratory were considered in the evaluation of drained strength parameters. PI's for the samples tested ranged from 18 to 63 (Attachment A) with a mean value of 30.7; the majority of the PI data ranged between 20 and 40. An empirical correlation between PI and peak friction angle published by Mitchell 1993 (Attachment C) was compared with the laboratory test results. The drained strength test data is plotted with this correlation on Figure 2.

A linear regression was performed in Microsoft Excel (Table 2) on the drained strength data to calculate drained strength parameters. Initial calculations indicated that the linear regression had a negative cohesion intercept. Since the drained strength of low plasticity soils are known to have no cohesion intercept, the regression was forced through zero, and a slope of 0.4159 and intercept of 0 were subsequently calculated. These parameters correspond to a friction angle, ϕ', of 22.6 degrees, and an intercept, c', of 0. Drained strength parameters of $c' = 0$ psf, and $\phi' = 22$ degrees were selected for analysis purposes. The drained strength parameters selected for the analysis are lower than the values published by Mitchell for soils of similar PI (Figure 2), however, it is noted that the values of Mitchell are for peak strength. The drained strength parameters selected for the analysis are considered reasonable.

We reviewed the strength range reported in Stark and Eid's chart (1997, Figure 4) using an average liquid limit of 53 and an average clay fraction of 43%. We conclude that the selected drained friction angle of 22 degrees is closer to the residual strength than to the fully softened strength of materials with similar liquid limits and average clay fraction, and is appropriate for this analysis.

Undrained Strength Parameters

Undrained strength parameters, c and ϕ, were developed from the results of CU and cyclic and monotonic undrained direct shear tests. The effect of overconsolidation (resulting from removal of overburden during previous grading activities) on the undrained strength parameters was also considered. As with the drained strength parameters, the undrained strength was taken as post-peak strength from the monotonic direct shear tests, and the lower of either the stress at 5% axial strain or the post-peak strength for the CU tests. For the cyclic direct shear tests, the undrained strength was taken as the lowest post-peak strength for the loading cycles conducted, during either loading or unloading. The data from the monotonic undrained direct shear on sample H-2 was not included in the calculation of undrained strength parameters because the presence of a claystone fragment on the shear plane of the sample was judged to cause unreasonable test results.

As previously described, the results of monotonic and cyclic undrained direct shear tests were used for the development of undrained strength parameters. Monotonic tests were conducted at loading rates of 0.02 to 0.025 inches per minute; cyclic tests were conducted at 0.2 inches per minute with a double-amplitude displacement of 0.4 inches per cycle (Data Report G). This equates to a strain rate of 0.5 cycles per minute, or 0.0083 cycles per second. Typical earthquakes have predominant frequencies of about 1Hz, which is three to four orders of magnitude higher than the laboratory testing. The undrained strength of clayey soils are known to increase with strain rate. Therefore, the undrained shear strength data from the cyclic and monotonic tests are believed to be conservative.

Parameters from the CU tests were converted to τ_{ff} (shear stress on the failure plane at failure) and σ'_{fc} (effective normal stress on the failure plane at consolidation) for comparison with the undrained direct shear test data. Equations used to convert the CU data are presented on page 10.

A slope of 0.2702 and an intercept of 0.8416 were calculated from a linear regression performed on the undrained strength data in Microsoft Excel (Table 3). This slope and intercept correspond to a friction angle, ϕ, of 15.1 degrees and an intercept, c, of 842 psf. For analysis purposes, values from the linear regression were taken as: c = 800 psf and ϕ = 15 degrees.

Because a significant thickness of overburden has been removed during previous grading activities, the effect of overconsolidation on the undrained strength of the clay beds was considered. A cross section showing the existing and original ground surfaces along cross-section I-I' at the ISFSI site is shown in Attachment B. The clay beds daylighting at El. 475 feet, T-14b, and T-11d (marked on Figure 1) were analyzed to estimate the effects of overconsolidation on undrained shear strength. The overconsolidaiton ratio (the ratio of the maximum past vertical effective stress to the current vertical effective stress), OCR, was estimated for several points along the three clay beds from the existing ground surface to the end of the dots shown on Figure 1. The results of this calculation, shown on Table 4, indicate that overconsolidation ratios greater than 1.0 are expected over much of the clay beds.

Since the overburden pressure under the original ground surface is higher than the consolidation pressure used in most of the laboratory strength tests, overconsolidation effects are likely present in the laboratory test results. Overconsolidation of the sample will result in higher undrained strengths at low confining pressures than what would be measured with normally consolidated samples. The beneficial effect of

overconsolidation on the undrained strength was capped by calculating the undrained shear strength at low confining pressures using a maximum OCR of 3.0. The OCR "cap" was selected qualitatively after inspection of the OCR values calculated for the three previously identified clay beds (Table 4). The undrained strength was calculated (Table 4) using equation 4-38 in EPRI (1990) (Attachment D). As shown on page 13, and OCR of 3.0 corresponds to an equivalent friction angle of 29 degrees (with no cohesion). Accordingly, undrained strength parameters were selected as the lower of $\phi = 29$ degrees, or $c = 800$ psf and $\phi = 15$ degrees. The use of these estimated strength parameters is considered to be conservative because, at shallow depths (where confining pressures are less than 4 ksf), the actual OCR values are well above an OCR of 3 (as shown on Table 4). Neglecting the larger OCR values and the corresponding higher estimated strengths for clay beds at shallow depths in the analyses is conservative.

Since laboratory strength tests were not performed at low consolidation stresses (below 8 ksf) where the effects of overconsolidation are greater, equation 4-38 from EPRI (1990) was used to check the reasonableness of the undrained strength parameters. The equation was used with the values of vertical effective stress and OCR summarized on Table 4 to calculate undrained shear strengths. As shown on Figure 3, the strengths calculated using the EPRI (1990) method are higher than the undrained strength envelope selected for the stability analysis, therefore, the undrained strength parameters used for the stability analysis (the lower of: $c = 800$ psf, and $\phi = 15$ degrees or $\phi = 29$ degrees) are considered to be reasonable for the analysis of slope stability. The use of $\phi = 29$ degrees at low confining pressures to limit the beneficial effect of overconsolidation provides an additional element of conservatism in the undrained strength parameters.

RESULTS

Based on the evaluations described in this calculation package, the following drained and undrained strength parameters were developed:

- Drained strength parameters: $c' = 0$ psf, and $\phi' = 22$ degrees (Figure 2)
- Undrained strength parameters: use lower of $c = 0$ psf and $\phi = 29$ degrees or $c = 800$ psf and $\phi = 15$ degrees (Figure 3).

REFERENCES

1. American Society for Testing and Materials (ASTM), (2000), Annual Book of ASTM Standards, Section 4, vol. 1 and 2.
2. Electric Power Research Institute (EPRI), (1990), Manual on Estimating Soil Properties for Foundation Design, Report El-6800.
3. Mitchell, J.K., (1993), Fundamentals of Soil Behavior, Second Edition. John Wiley & Sons, Inc., New York.
4. White, R. (2002), Letter from Rob White to Faiz Makdisi (April 30, 2002), Subject: Transmittal of excerpt from Data Report G, Soils Laboratory Data.
5. Geosciences Calculation Package GEO.DCPP.01.21, Revision 2, Analysis of Bedrock Stratigraphy and Geologic Structure at the DCPP ISFSI Site.
6. Stark, T.D. and Eid, H.T. 1997. "Slope Stability Analysis In Stiff Fissured Clays," J. Geotech. & Geoenv., ASCE, 20-4: 335-343.

AT 8/9/02

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Calculation of undrained strength accounting for overconsolidation	13
Figure 1: Clay beds analyzed for effects of overconsolidation	14
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ATTACHMENTS

Attachment A: Plasticity index plot for samples collected in borings and trenches in vicinity of DCPP ISFSI. Data from White (April 30, 2002).

Attachment B: Letter to Faiz Makdisi from Jeff Bachhuber, dated September 27, 2001. Subject: Transmittal of Revised Geologic Section I-I', DCPP ISFSI Site. Letter and Draft Figure 21-19, Cross Section I-I'.

Attachment C: Excerpt from Mitchell, J.K., 1993, Fundamentals of Soil Behavior, Second Edition. John Wiley & Sons, Inc., New York.

Attachment D: Excerpt from Electric Power Research Institute (EPRI), 1990, Manual on Estimating Soil Properties for Foundation Design, Report EI-6800.

Attachment E: Letter to Faiz Makdisi from Rob White dated October 31, 2001. Subject: Confirmation of preliminary inputs to calculations for DCPP ISFSI site.

TABLE 1 - Summary of Data Used for Calculation of Drained and Undrained Strength Parameters

Undrained Direct Shear Tests

Sample Location	Sample ID	σ_{fc} (ksf)	τ_{ff} (ksf)
TB14-E	E-1	8	2.7
TB14-E	E-2	10	3.9
TB14-H	H-1	14	7.4
TB14-N	N-1	22	5.5
TB14-N	N-2	26	9.9
TB14-S4	S4a	12	3.4
TB14-S4	S4b	16	4.2
TB14-S4	S4c	20	4.2
TB14-S4	S4d	24	5.3

Drained Direct Shear Tests

Sample Location	Sample ID	σ'_{ff} (ksf)	τ_{ff} (ksf)
TB14-D	D	6	3.43
TB14-F	F-1	10	2.51
TB14-F	F-2	14	6.10

Consolidated-Undrained (CU) Triaxial Compression Tests

Sample Location	Sample ID	σ_{fc} (ksf)	q (ksf)	p' (ksf)	ϕ' (radians)	τ_{ff} (ksf)	σ'_{ff} (ksf)
T14-B-J St. 1	J-1	9.84	3.16	9.38	0.344	2.975	8.315
T14-B-J St. 2	J-2	15.90	3.66	14.32	0.258	3.538	13.385
T14-B-K St. 1	K-1	11.90	3.90	10.60	0.377	3.626	9.165
T14-B-K St. 2	K-2	17.90	6.32	18.58	0.347	5.943	16.430
T14-B-M St. 1	M-1	13.80	6.93	13.47	0.540	5.943	9.905
T14-B-M St. 2	M-2	19.80	10.53	22.16	0.495	9.265	17.156

NOTES:
1) Cyclic and monotonic undrained direct shear data were used to determine strength parameters
2) Data from undrained direct shear test on sample T14B-H2 was not used in calculation of undrained strength parameters because of the presence of a claystone fragment on the shear plane. Results for all data, including the omitted test, appear in Data Report G (White, April 30, 2002).

Subject EQUATIONS FOR CONVERTING TRIAX DATA

Project No. 6427.006P

~~Task No.~~ GEO.DCPP.01.31

~~File No.~~ REV # 1

By KRN

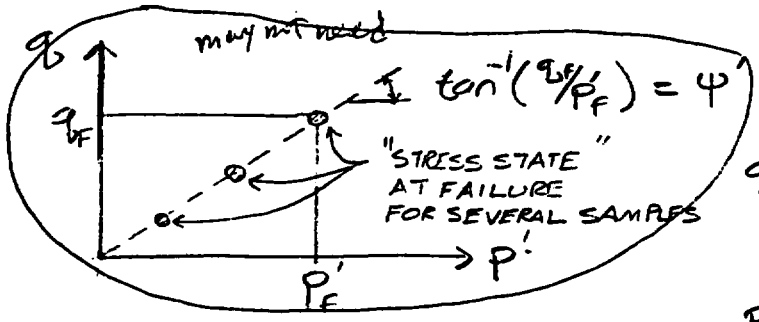
Checked By Zhiliang Wang

Date 7/27/01

Date 08/01/2001

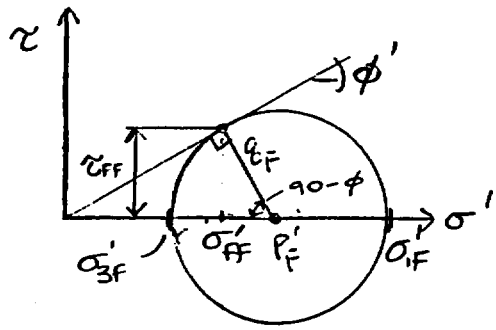
Sheet 9 of 34

DRAINED STRENGTH PARAMETERS



$$q_F = \frac{\sigma'_{1F} - \sigma'_{3F}}{2} \quad \text{(BY DEFINITION)}$$

$$p'_F = \frac{\sigma'_{1F} + \sigma'_{3F}}{2} \quad \text{(BY DEFINITION)}$$



$$\sin\phi' = \frac{\sigma'_{1F} - \sigma'_{3F}}{\sigma'_{1F} + \sigma'_{3F}} = \frac{q_F}{p'_F}$$

$$\tan(\psi') = \frac{\sigma'_{1F} - \sigma'_{3F}}{\sigma'_{1F} + \sigma'_{3F}} \quad \text{may not need}$$

$$\Rightarrow \sin^{-1}(\psi') = \phi'$$

tan

- $\sin(90-\phi') = \dfrac{\tau_{FF}}{\left(\dfrac{\sigma_{1F} - \sigma_{3F}}{2}\right)} = \dfrac{\tau_{FF}}{q_F}$

- $q\cos(\phi') = \tau_{FF}$ = SHEAR STRESS ON FAILURE PLANE AT FAILURE

- $\sigma'_{FF} = \dfrac{\tau_{FF}}{\tan\phi'}$ = NORMAL STRESS ON FAILURE PLANE AT FAILURE

- USE τ_{FF} AND σ'_{FF} TO CALCULATE DRAINED STRENGTH PARAMETERS

Subject EQUATIONS FOR CONVERTING TRIAX DATA

Project No. 6427.006P

~~Task No.~~ GEO.DCPP.01.31

By KRN

Checked By Shirley Wang

~~File No.~~ REV #1

Date 7/27/01

Date 08/01/2001

Sheet 10 of 34

UNDRAINED STRENGTH PARAMETERS

BY DEFINITION: $q_F = \frac{\sigma_{1F}' - \sigma_{3F}'}{2} = \frac{\sigma_{1F} - \sigma_{3F}}{2}$

AND $p_F = \frac{\sigma_{1F} + \sigma_{3F}}{2}$

- FOR UNDRAINED STRENGTH USE RELATIONSHIP BETWEEN τ_{FF} AND σ_{FC}'
- WHERE: $\tau_{FF} = q_F \cos(\phi')$ = SHEAR STRESS ON FAILURE PLANE AT FAILURE

ϕ' = DEFINED PREVIOUSLY (p.9)

σ_{FC} = NORMAL STRESS ON FAILURE PLANE AT CONSOLIDATION

$\sigma_{FC} = \sigma_{3C}$ = INITIAL CONFINING STRESS FOR I CU TESTS

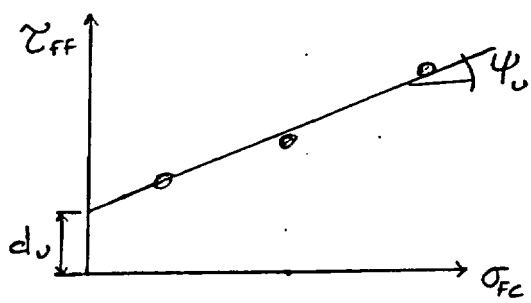
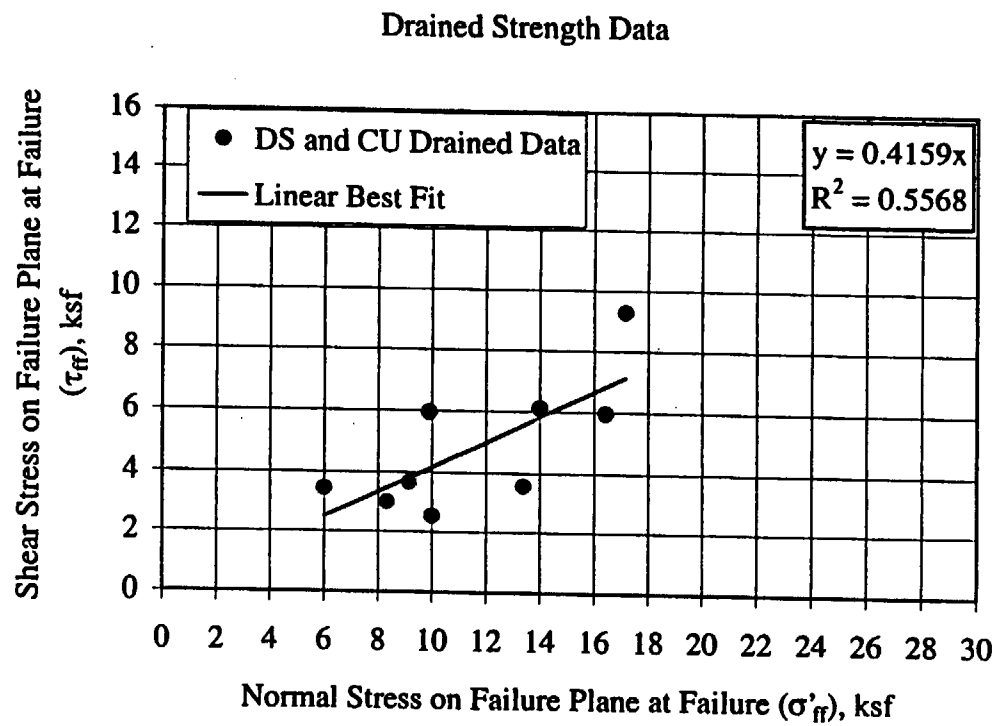


TABLE 2 - Calculation of Drained Strength Parameters from DS and CU Data

All Drained Data

Sample ID	σ'_{ff} (ksf)	τ_{ff} (ksf)	
D(+)	6	3.43	mono-DS
F-1(+)	10	2.51	mono-DS
F-2(+)	14	6.10	mono-DS
J-1(+)	8.32	2.98	CU
J-2(+)	13.38	3.54	CU
K-1(+)	9.17	3.63	CU
K-2(+)	16.43	5.94	CU
M-1(+)	9.90	5.94	CU
M-2(+)	17.17	9.27	CU



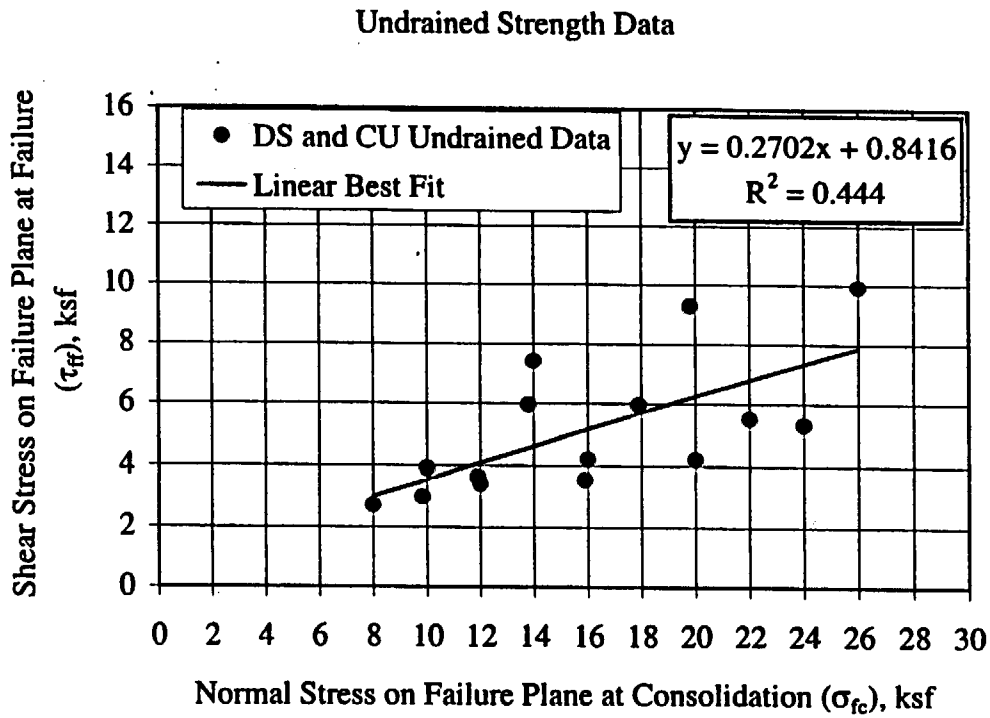
SLOPE	22.59	deg
INTERCEPT	0.00	ksf

NOTE: SLOPE = atan(0.4159)

TABLE 3 - Calculation of Undrained Strength Parameters from DS and CU Data

All Undrained Data

Sample ID	σ_{fc} (ksf)	τ_{ff} (ksf)	Test type
E-1(+)	8.00	2.7	cyclic-DS
E-2(+)	10.00	3.9	cyclic-DS
N-1(+)	22.00	5.5	cyclic-DS
N-2(+)	26.00	9.9	cyclic-DS
H-1(+)	14.00	7.4	mono-DS
S4a(=)	12.00	3.4	mono-DS
S4b(=)	16.00	4.2	mono-DS
S4c(=)	20.00	4.2	mono-DS
S4d(=)	24.00	5.3	mono-DS
J-1(+)	9.84	2.98	CU
J-2(+)	15.90	3.54	CU
K-1(+)	11.90	3.63	CU
K-2(+)	17.90	5.94	CU
M-1(+)	13.80	5.94	CU
M-2(+)	19.80	9.27	CU



SLOPE	15.12	deg	NOTE: SLOPE = atan(0.2702)
INTERCEPT	0.84	ksf	

Subject CLAY BED STRENGTH CONSIDERING OCR

Project No. 6427.006P

By KRN

Checked By [illegible]

Task No. CALC GEO.DCPP.01.31

File No. REVISION # 1

Date 11/13/01

Date 12/13/01

Sheet 13 of 34

- CALCULATE UNDRAINED STRENGTH OF CLAY BEDS ACCOUNTING FOR OVERCONSOLIDATION.
- CONSIDER CLAY BEDS DAYLIGHTING AT EL. 475, TRENCH T-14b, AND T-11d ON CROSS SECTION I-I', AS SHOWN ON FIGURE 1 OF THIS CALCULATION PACKAGE
- CALCULATE VERTICAL EFFECTIVE STRESS UNDER PRE 1971 CONDITIONS (σ'_{vi}) AND UNDER EXISTING CONDITIONS (σ'_{vF}) FOR THREE CLAY BEDS DESCRIBED ABOVE AND SHOWN ON FIGURE 1. CALCULATE OCR ($\sigma'_{vi}/\sigma'_{vF}$) FOR POINTS ALONG EACH CLAY BED BETWEEN SLOPE FACE AND END OF DOTS ON FIGURE 1. CALCULATED OCR'S ARE ON TABLE 4 OF THIS CALC.
- CALCULATE UNDRAINED STRENGTH USING EPRI (1990) EQN 4-38

$$\frac{S_u}{\sigma'_v} = 0.23(OCR)^{0.8}$$

WHERE σ'_v = CURRENT VERTICAL EFFECTIVE STRESS = σ'_{vF}

AND $OCR = \dfrac{\sigma'_{vF}}{\sigma'_{vi}}$

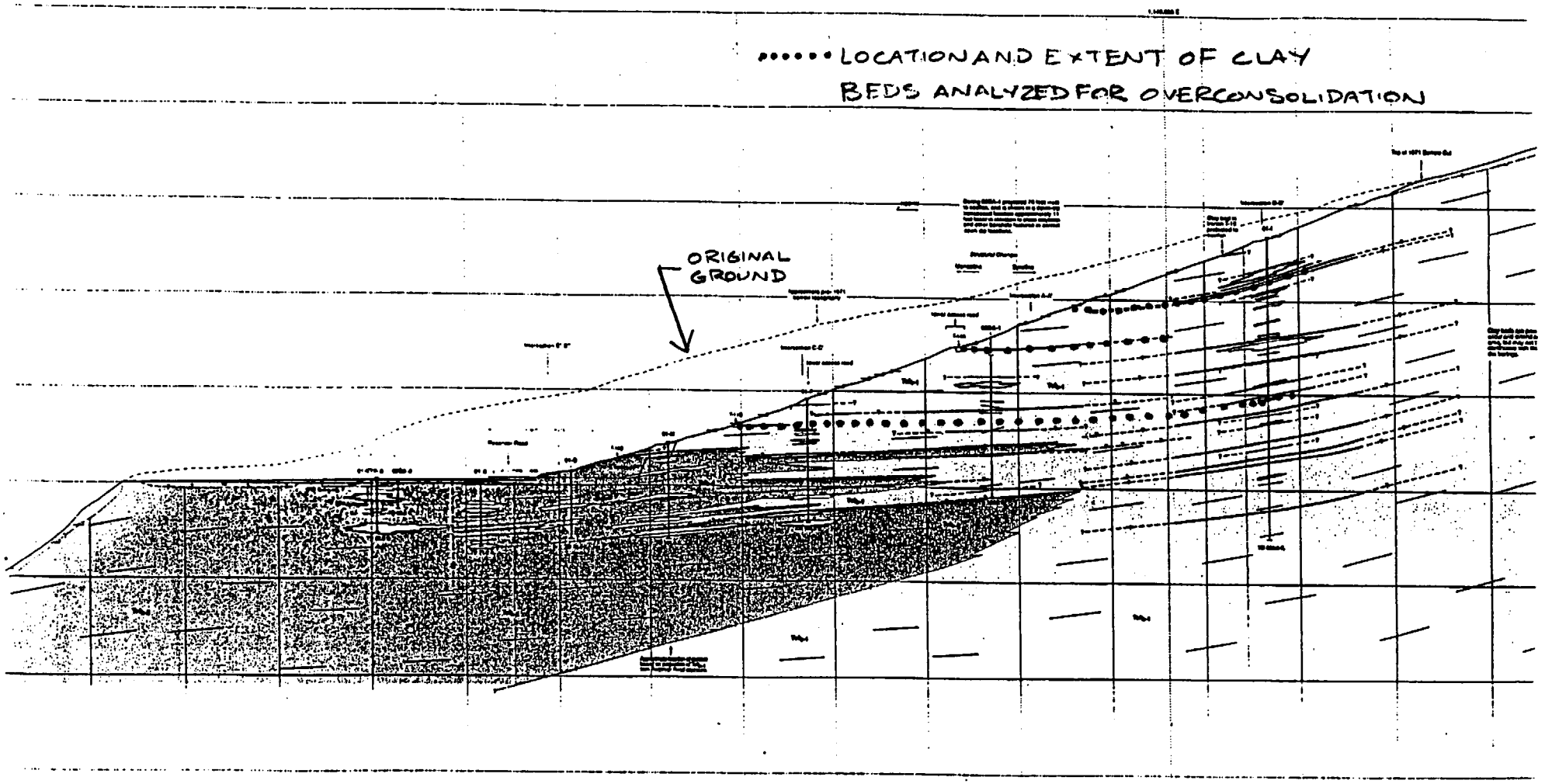
- BY LIMITING OCR TO 3,

$$S_u/\sigma'_{vF} = 0.23\,(3)^{0.8} \Rightarrow S_u = 0.553\,\sigma'_{vF}$$

- FROM THE MOHR CRITERION: $\tau = c + \sigma \tan\phi$

SUBSTITUTE $c = 0$, $S_u = \tau$, AND $\sigma = \sigma'_{vF}$

$\tan\phi = 0.553 \Rightarrow \phi = 28.9^\circ$, SAY 29°



[*NOTE: FIGURE FROM ATTACHMENT B]

FIGURE 1 – CLAY BEDS ANALYZED FOR EFFECTS OF OVERCONSOLIDATION

TABLE 4 - Strength of clay beds using EPRI (1990) to account for overconsolidation

Bed daylighting at El. 475'

H_i (ft)	H_f (ft)	σ_{vi} (ksf)	σ_{vf} (ksf)	OCR	s_u (ksf)
84	80	11.76	0.56	21.00	1.47
85	70	11.90	2.10	5.67	1.93
90	70	12.60	2.80	4.50	2.15
96	66	13.44	4.20	3.20	2.45
100	64	14.00	5.04	2.78	2.62
105	60	14.70	6.30	2.33	2.85

Bed at T-14a

H_i (ft)	H_f (ft)	σ_{vi} (ksf)	σ_{vf} (ksf)	OCR	s_u (ksf)
91	86	12.74	0.70	18.20	1.64
102	80	14.28	3.08	4.64	2.42
110	78	15.40	4.48	3.44	2.77
110	78	15.40	4.48	3.44	2.77
125	65	17.50	8.40	2.08	3.48

Bed at T-11d

H_i (ft)	H_f (ft)	σ_{vi} (ksf)	σ_{vf} (ksf)	OCR	s_u (ksf)
130	120	18.20	1.40	13.00	2.51
140	110	19.60	4.20	4.67	3.31
154	105	21.56	6.86	3.14	3.94
166	87	23.24	11.06	2.10	4.61
190	76	26.60	15.96	1.67	5.52

Where:

H_i	Thickness between clay bed and original ground surface
H_f	Thickness between original and current ground surface
σ_{vi}	Vertical stress on clay bed under original ground surface
σ_{vf}	Vertical stress on clay bed under current ground surface
OCR	$\sigma_{vi} / \sigma_{vf}$
s_u	$0.23\ (\sigma_{vf})\ (OCR)^{0.8}$

σ_{vf} and s_u are plotted on page 14.

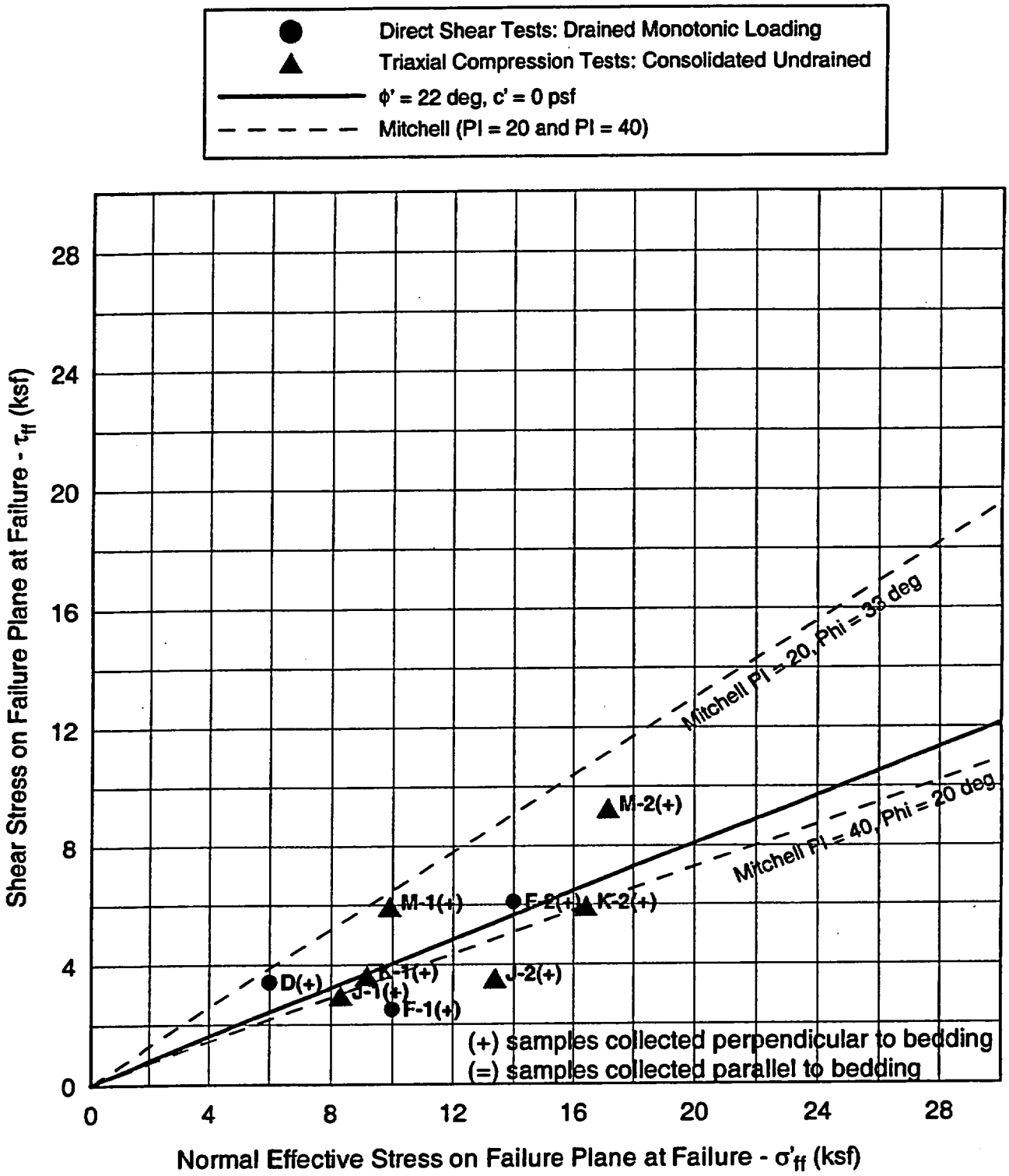


FIGURE 2 - Drained Shear Strength of Clay Beds

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I:\Project\6000s\6427.006\Lab Data\Strength.xls

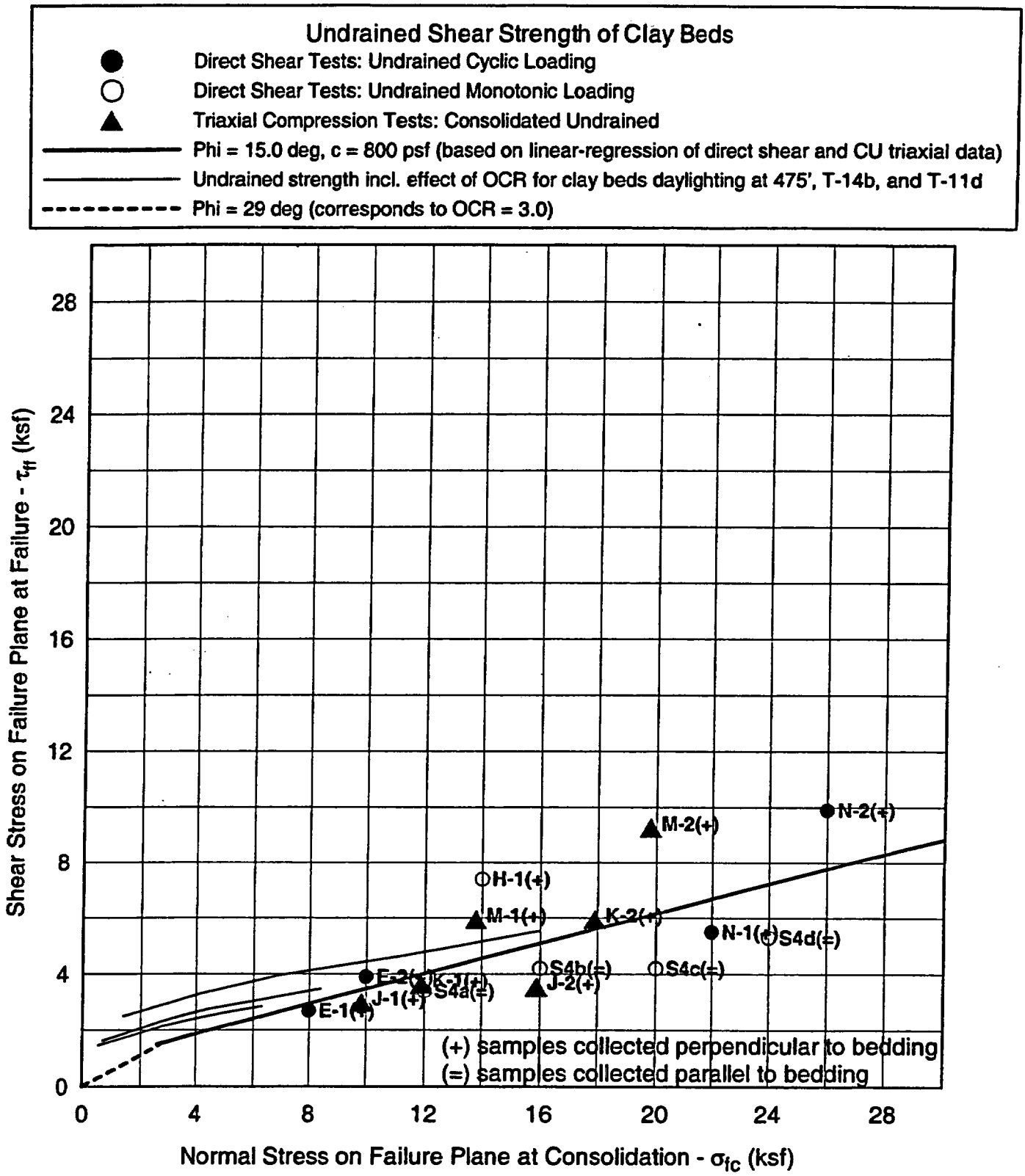

FIGURE 3 - Undrained Shear Strength of Clay Beds

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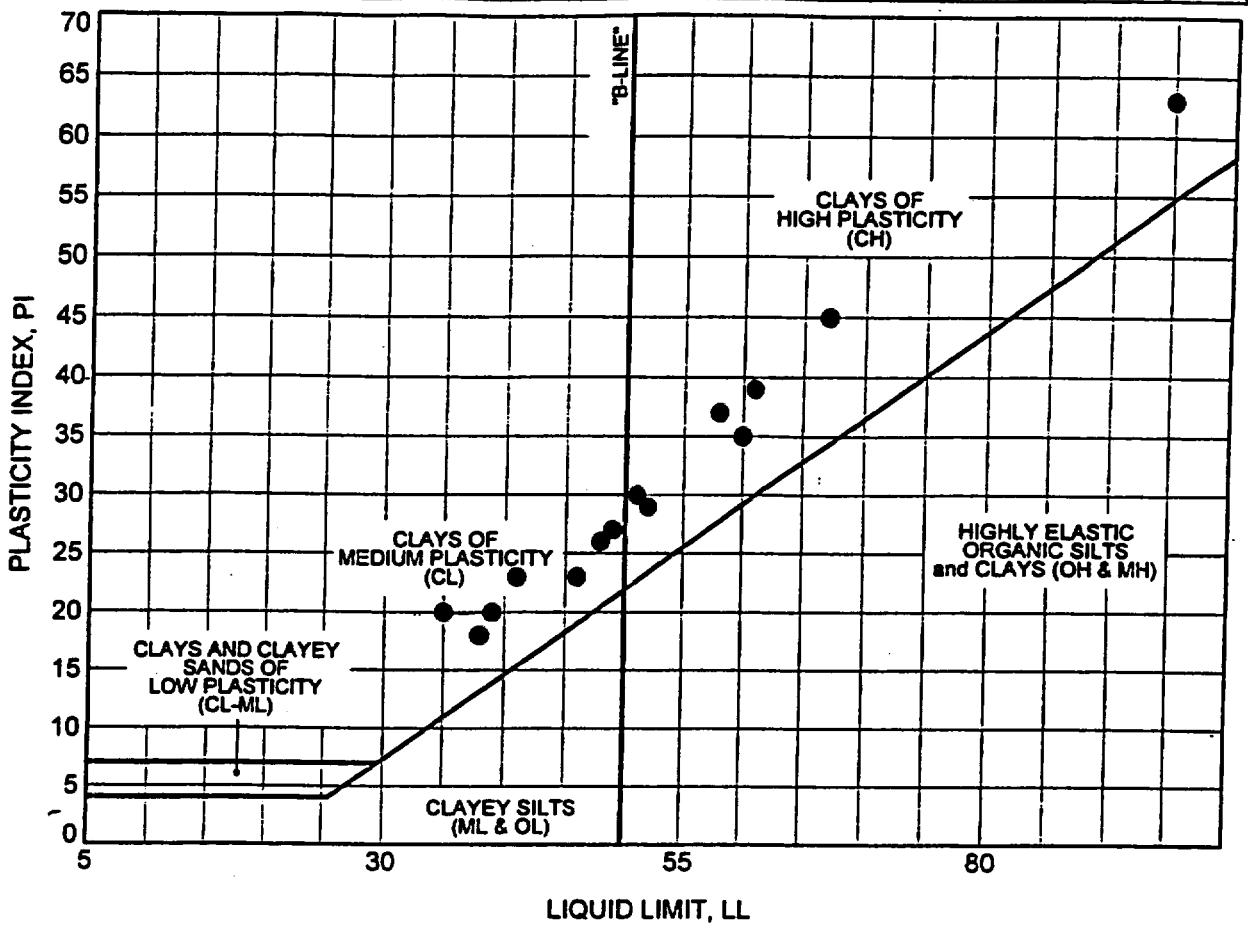
I:\Project\6000s\6427.006\Lab Data\Strength.xls

ATTACHMENT A

ATTACHMENT A GEO.DCPP.01.31 REV. 1



SAMPLE IDENTIFICATION				ATTERBERG LIMITS		
SAMPLE DESIGNATION	BORING NO.	SAMPLE NO.	DEPTH, FT.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX
COMPLETE SET OF RESULTS FROM ATTERBERG LIMITS TESTING APPEARS IN DATA REPORT G (WHITE 2002, APPENDIX G)				52	23	29
				60	25	35
				48	22	26
				67	22	45
				49	22	27
				51	21	30
				58	21	37
				48	22	26
				46	23	23
				39	19	20
				38	20	18
				61	22	39
				41	18	23
				35	15	20
				95	32	63

GEOMATRIX

PLASTICITY CLASSIFICATION

Project No. 6427.006P

07071999-PL...K 642700-1.GPJ GES91999.GDT 2/5/01

P.19/34

ATTACHMENT B

Rec'd 9/28/01
ATTACHMENT B
REV. 1

WLA
William Lettis & Associates, Inc.
1777 Botelho Drive, Suite 262, Walnut Creek, California 94596
Voice: (925) 256-6070 FAX: (925) 256-6076

Dr. Faiz Makdisi
Geomatrix Consultants, Inc.
2101 Webster Street, 12th floor
Oakland, CA 94612
510-663-4141

September 27, 2001

Subject: Transmittal of Revised Geologic Section I-I', DCPP ISFSI Site

Dear Faiz:

This letter documents transmittal of a revised version of geologic section I-I' that will be included in DCPP ISFSI Calculation Package GEO.01.21 rev. 0. This revised section includes a surveyed profile that extends farther uphill than previous versions of the section. We have sent an electronic copy of the section in a pdf format to your email address, and a full-size (1-inch equals 50-feet) hardcopy to your office via Fedex.

Please contact me if you have any questions regarding the geologic section, or need additional information.

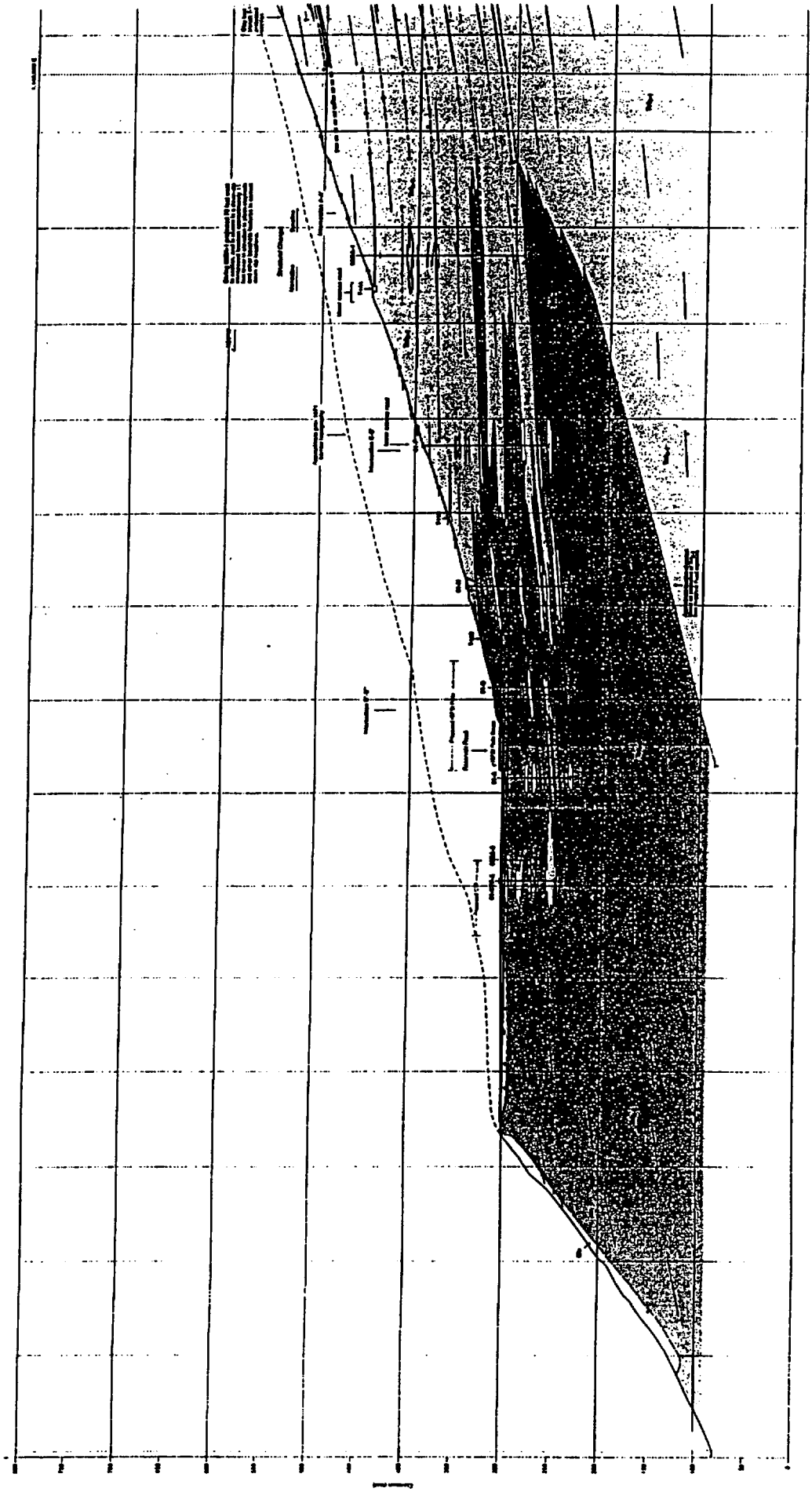
Sincerely,

WILLIAM LETTIS & ASSOCIATES, INC.

Jeff Bachhuber
Principal Engineering Geologist

Cc: W.D. Page, R. White, PG&E Geosciences, transmitted via facsimile

ATTACHMENT B
REV. 1
GEO.DCPP.01.31



ATTACHMENT B
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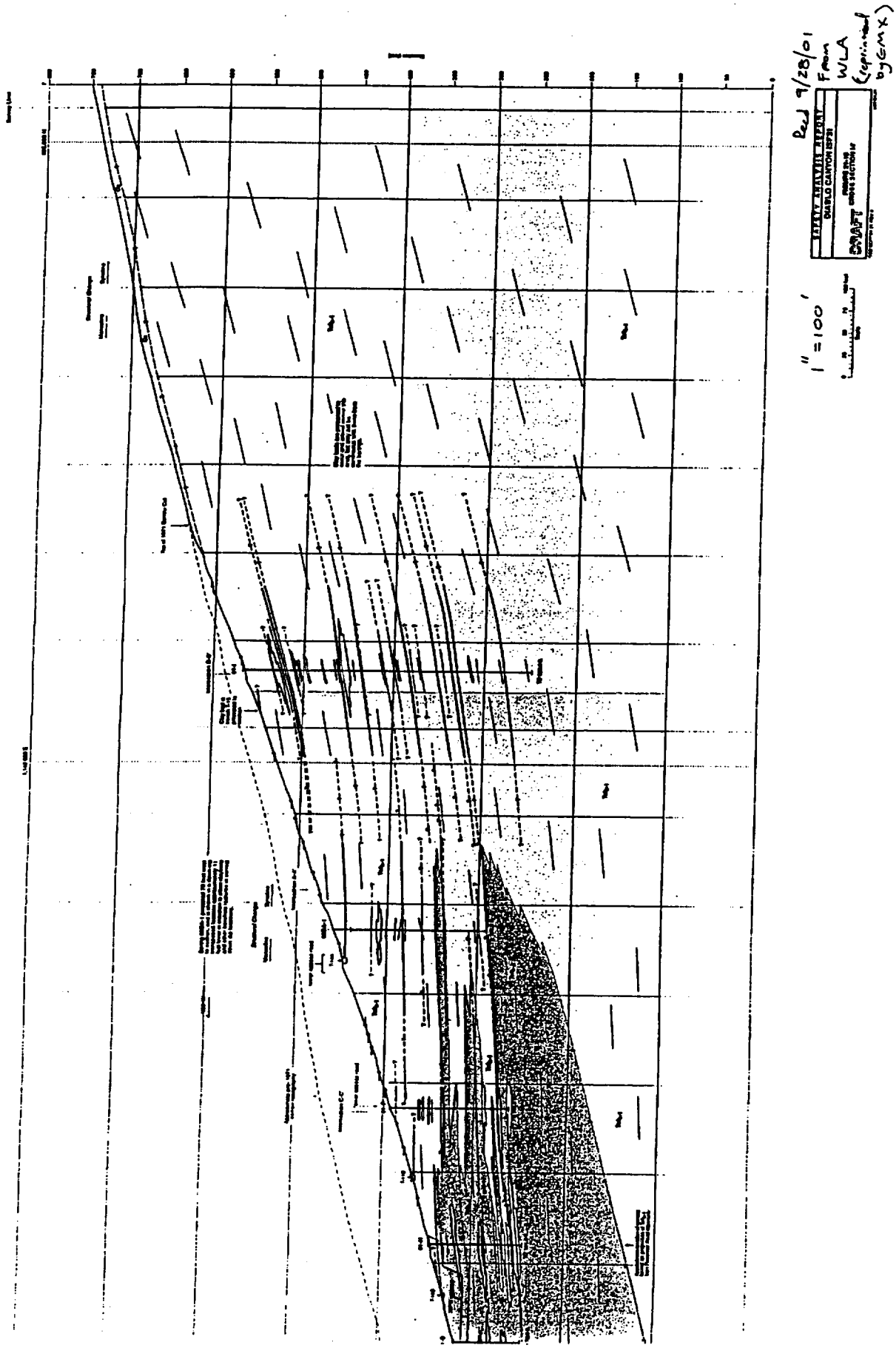
GEO.DCPP.01.31



ATTACHMENT C

GEO.DCPP.01.31
REV # 1
ATTACHMENT C

Fundamentals of Soil Behavior

Second Edition

James K. Mitchell

University of California, Berkeley

John Wiley & Sons, Inc.
New York • Chichester • Brisbane • Toronto • Singapore

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~~GENERAL CHARACTERISTICS 335~~
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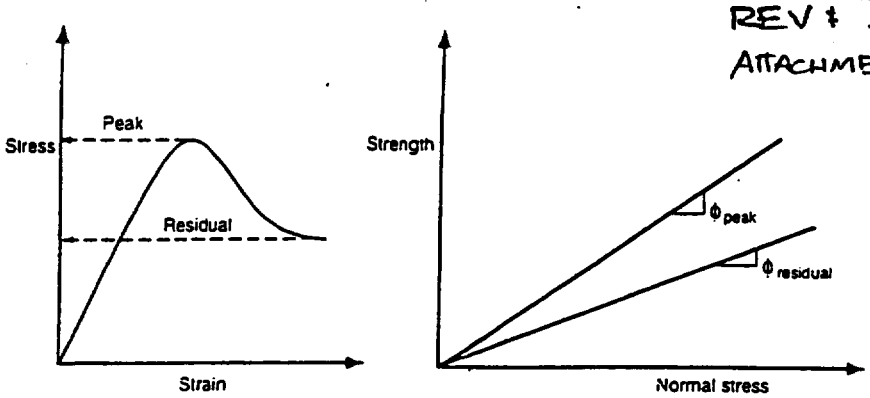
ATTACHMENT C



(a) Stress - strain curve (b) Failure envelopes

Figure 14.1 Peak and residual strength.

contact. The magnitude of this resistance depends on the effective stress and the volume change tendencies of the soil. The strength of cohesionless soils is influenced most by relative density, effective minor principal stress (σ_3'), and test type. The strength of saturated clay is influenced most by drainage conditions, disturbance (which causes a change in effective stress and a loss of cementation), overconsolidation ratio, and creep effects. The maximum or *peak strength* of a clay may be considerably greater than the *residual* strength after very large shear strain or shear displacement for a soil that has a structure that is sensitive to structural breakdown. For such materials the stress-strain curve is typically of the form shown in Fig. 14.1(*a*), and two failure envelopes can be defined as shown in Fig. 14.1(*b*), with peak and residual friction angles as indicated. The residual friction angle value is independent of stress history and original structure. For a given set of testing conditions it depends only on composition and effective stress.

3. The peak value of ϕ' for clays decreases with increasing plasticity index and activity as shown

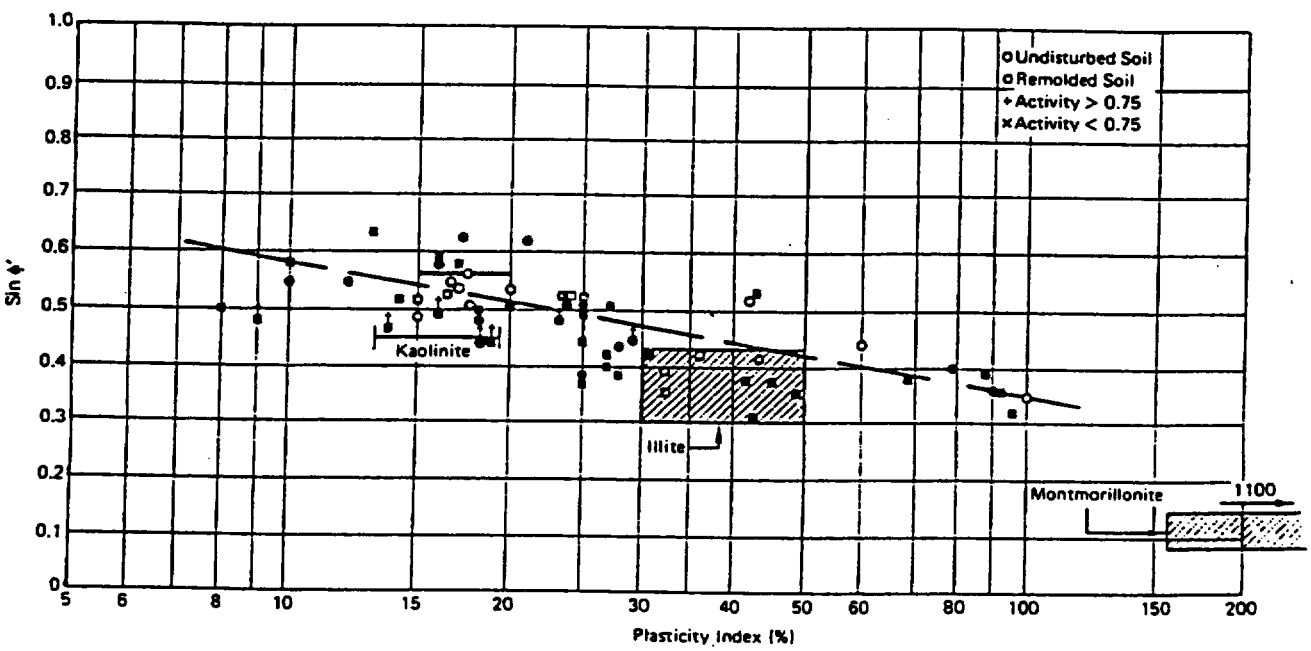


Figure 14.2 Relationship between sin ϕ' and plasticity index for normally consolidated soils (adapted from Kenney, 1959). Data for pure clays from Olson, 1974.

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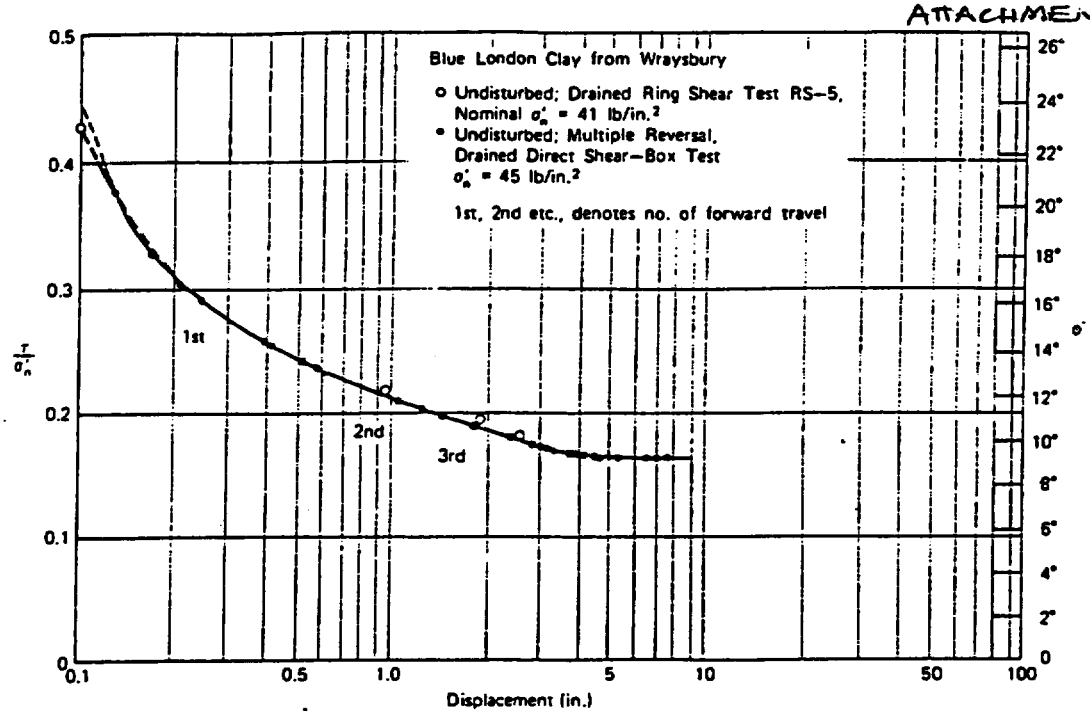

Figure 14.3 Development of residual strength with increasing shear displacement (Bishop et al., 1971).

in Fig. 14.2. The residual friction angle also decreases with increasing plasticity in a manner similar to the peak friction angle.

4. The postpeak shearing displacement required to cause a reduction in friction angle to the residual value varies with the soil type, normal stress on the shear plane, and test conditions. For example, for shale mylonite in contact with smooth steel or other polished hard surfaces, a shearing displacement of only 1 or 2 mm is sufficient to give residual strength.[1] For soil against soil, a slip along the shear plane of several tens of mm may be required, as shown by Fig. 14.3.
5. Failure envelopes are usually curved in the manner shown in Fig. 10.7. In sands this behavior can be caused by dilatancy suppression and grain crushing at higher stresses. Curved failure envelopes are also observed for many clays. Examples, in terms of the shear strength normalized by the effective normal stress, for two clays are shown in Fig. 14.4. Possible causes for this behavior are discussed in Section 14.10.
6. Overconsolidated clays usually have a higher strength at a given effective stress than normally consolidated clays, as shown in Fig. 14.5. The difference between the two strength envelopes at any value of effective stress depends on the type of clay, drainage conditions during shear, and amount of overconsolidation.
7. The differences in strength between the normally consolidated and overconsolidated failure envelopes at a given value of effective stress in Fig. 14.5 are caused by both the different stress histories and the different water contents. For comparisons at the same water content but different effective stress, as for points A and A', the Hvorslev strength parameters c_e and ϕ_e are obtained (Hvorslev, 1937, 1960). The parameter ϕ_e has been assumed to be independent of water content and effective stress; whereas, c_e is assumed to depend only on water content.

The Hvorslev parameters have been termed *true friction angle* and *true cohesion*, and are considered by some to reflect the mechanism of shear strength in terms of interparticle forces (c_e) and friction (ϕ_e). Such an interpretation is questionable, however, because, as shown in Chapter 11, two samples at the same water con-

[1] D. U. Deere, personal communication, 1974.

ATTACHMENT D

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REV# 1
ATTACHMENT D

EPRI
Electric Power
Research Institute

Topics:
Soils
Testing
Foundations
Transmission towers
Transmission lines
Design

EPRI EL-6800
Project 1493-6
Final Report
August 1990

Manual on Estimating Soil Properties for Foundation Design

Prepared by
Cornell University
Ithaca, New York

GEO. DCPP-01-31
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ATTACHMENT D

side. The $\bar{\phi}_{tc}/100$ relationship still provides a lower bound estimate, although not as reliably as for isotropic consolidation.

Figures 4-32a and b suggest that the $s_u/\bar{\sigma}_{vo}$ ratios for isotropic and anisotropic consolidation are nearly the same, although it is clear from Figure 4-31 that the anisotropic value is less than the isotropic and the difference increases with increasing $s_u/\bar{\sigma}_{vo}$. Part of the reason for this apparent anomaly is that the data bases in these three figures are not the same. Also, it is clear that the data in Figure 4-32a exhibit a near-linear trend, while the data in Figure 4-32b exhibit a pronounced curved trend. For these reasons, it is believed that the regression lines given in Figures 4-31 and 4-32a should be more reliable and be used to interrelate $(s_u/\bar{\sigma}_{vo})_{CAUC}$, $(s_u/\bar{\sigma}_{vo})_{CIUC}$, and $\bar{\phi}_{tc}$ for $\bar{\phi}_{tc} > 20°$. As a preferred alternative, the modified Cam clay model (Equations 4-28 and 4-29) can be used directly. It agrees well with the regression line in Figure 4-32 for predicting $(s_u/\bar{\sigma}_{vo})_{CIUC}$, and it gives a slightly conservative value of $(s_u/\bar{\sigma}_{vo})_{CAUC}$, typically 0.01 to 0.02 less than the regression, and a better fit for low $s_u/\bar{\sigma}_{vo}$ values.

Influence of Overconsolidation

The undrained strength ratio increases with increasing overconsolidation, as measured by the overconsolidation ratio ($OCR = \bar{\sigma}_p/\bar{\sigma}_{vo}$). Figure 4-33 shows typical experimental data illustrating this OCR effect, as measured in direct simple shear (DSS) tests. The concept of SHANSEP (Stress History and Normalized Soil Engineering Parameters) addresses this phenomenon and uses this behavior to correct laboratory test results for sample disturbance effects (e.g., 11). For example, Figure 4-34 shows these same data in normalized form, indicating a rather narrow band. Based on data of this type, the following general equation was suggested (e.g., 11):

$$\frac{(s_u/\bar{\sigma}_{vo})_{OC}}{(s_u/\bar{\sigma}_{vo})_{NC}} = OCR^m \qquad (4\text{-}37)$$

with m = 0.8. However, a better fit occurs when m = 0.85 to 0.75 with increasing OCR. This experimental observation also is the basis for the approximation made by Jamiolkowski, et al. (35) for low to moderate PI soils, as given below:

$$s_u/\bar{\sigma}_{vo} = (0.23 \pm 0.04)\ OCR^{0.8} \qquad (4\text{-}38)$$

This equation basically is a revised form of Equation 4-21, corresponding approximately to DSS conditions.

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ATTACHMENT D

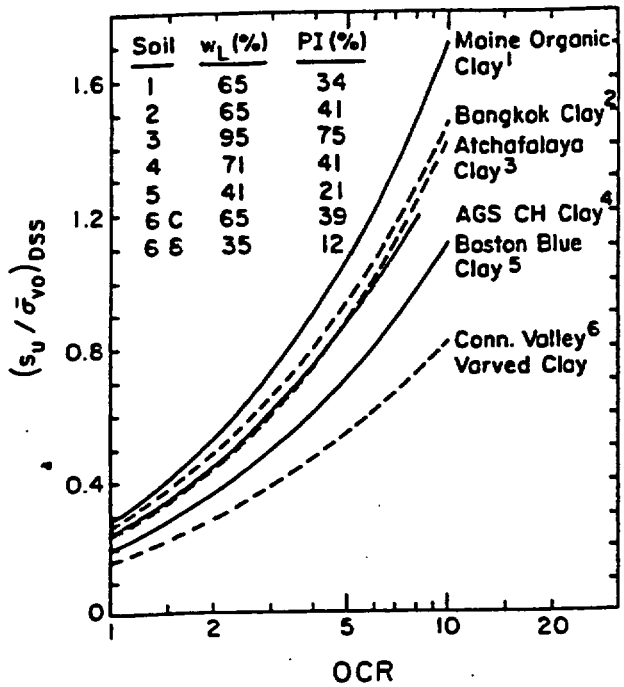

Figure 4-33. $s_u/\bar{\sigma}_{vo}$ versus OCR

Source: Ladd, et al. (11), p. 26.

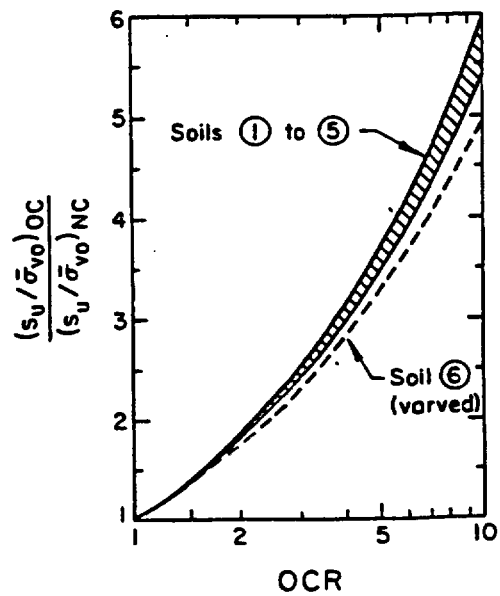

Figure 4-34. Normalized $s_u/\bar{\sigma}_{vo}$ versus OCR

Source: Ladd, et al. (11), p. 26.

It should be noted that the general form of Equation 4-37 will hold regardless of strength test type (e.g., 3, 35, 42). However, $(s_u/\bar{\sigma}_{vo})_{NC}$ will vary significantly with test type and m will vary to a limited degree, as described subsequently.

This general behavior also is predicted by the modified Cam clay model, as follows (e.g., 34):

$$\frac{(s_u/\bar{\sigma}_{vo})_{OC}}{(s_u/\bar{\sigma}_{vo})_{NC}} = OCR^{\Lambda} \qquad (4\text{-}39)$$

with Λ typically about 0.8. Fundamentally, this equation applies to CIUC test conditions (Equation 4-28).

The modified Cam clay model also can be used for predicting A_f, as follows:

$$A_f = [(2/OCR)^{\Lambda} + (M/3) - 1]/M \qquad (4\text{-}40)$$

ATTACHMENT E

ATTACHMENT E
REV 1
GEO.DCPP.01.31

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OAKLAND, CA 94612

October 31, 2001

Re: Confirmation of preliminary inputs to calculations for DCPP ISFSI site

DR. MAKDISI:

A number of inputs to calculations for the DCPP ISFSI slope stability analyses have been provided to you in a preliminary fashion. This letter provides confirmation of those inputs in a formal transmittal. A description of the preliminary inputs and their formal confirmation follow.

Letter to Faiz Makdisi from Rob White dated June 24, 2001. Subject: Recommended rock strength design parameters for DCPP ISFSI site slope stability analyses.

This letter recommended using $\phi = 50$ degrees for the preliminary rock strength envelope in your stability analyses, and indicated that this value would be confirmed once calculations had been finalized and approved. Calculations GEO.DCPP.01.16, rev. 0, and GEO.DCPP.01.19, rev. 0, are approved and this recommended value is confirmed.

Letter to Faiz Makdisi from Rob White dated September 28, 2001. Subject: Confirmation of transmittal of inputs for DCPP ISFSI slope stability analyses.

This letter provided confirmation of transmittal of cross section I-I' and time histories, and indicated that these preliminary inputs would be confirmed once calculations had been approved. Calculation GEO.DCPP.01.21, rev. 0, is approved and section I-I' as described in the September 28 letter is confirmed. A copy of the figure from the approved calculation is attached. Calculations GEO.DCPP.01.13, rev. 1, and GEO.DCPP.01.14, rev. 1, are both approved and time histories as described in the September 28 letter are confirmed. A CD of the time histories from the approved calculations is attached.

ATTACHMENT D
REV. 1

GEO.DCPP.01.31

Email to Faiz Makdisi from Joseph Sun dated October 24, 2001. Subject: Ground motion parameters for back calculations.

This email provided input for a back calculation to assess conservatism in clay bed properties in the slope. Inputs included maximum displacement per event of 4 inches and a factor of 1.6 with which to multiply ground motions for use in the back calculation analysis. This letter confirms those input values, with the following limitation: these values have not been developed under an approved calculation, therefore should not be used to directly determine clay bed properties for use in forward analyses, but may be used for comparative purposes only, to assess the level of conservatism in those clay bed properties determined in approved calculations

Letter to Faiz Makdisi from Jeff Bachhuber dated October 10, 2001. Subject: Transmittal of Revised Rock Mass Failure Models – DCPP ISFSI Project.

This letter provided you with figures indicating potential rock mass failure models as superimposed on section I-I'. This letter confirms PG&E approval to use these models in your analyses. These figures are labeled drafts and are currently being finalized in a revision to Calculation GEO.DCPP.01.21. Once this revision and the included figures have been approved, I will inform you in writing of their status.

Rob White

ROBERT K. WHITE

Attachments

ATTACHMENT

4-1

PACIFIC GAS AND ELECTRIC COMPANY
GEOSCIENCES DEPARTMENT
CALCULATION DOCUMENT

Calc Number	GEO.DCPP.01.25
Revision	4
Date	03/21/03
Calc Pages:	218
Verification Method:	A

TITLE: Determination of Seismic Coefficient Time Histories for Potential Sliding Masses Above Cut Slope behind ISFSI Pad

PREPARED BY: [signature] DATE 3/21/03

ZHILIANG WANG — Geomatrix
Printed Name — Organization

VERIFIED BY: [signature] DATE 3/21/03

Faiz I. Makdisi — Geomatrix
Printed Name — Organization

APPROVED BY: [signature] DATE 3/21/03

Lloyd S. Cluff — Geosciences Dept
Printed Name — Organization

REGISTERED GEOLOGIST
LLOYD S. CLUFF
No. EG567
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

Exp 9/30/03

PACIFIC GAS AND ELECTRIC COMPANY
GEOSCIENCES DEPARTMENT
CALCULATION DOCUMENT

Calc Number	GEO.DCPP.01.25
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ZHILIANG WANG — Printed Name

Geomatrix — Organization

VERIFIED BY: _____ DATE 3/21/03

Faiz I. Makdisi — Printed Name

Geomatrix — Organization

APPROVED BY: _____ DATE _____

Printed Name

Organization

Determination of Seismic Coefficient time Histories for Potential Sliding Masses Above Cut Slope behind ISFSI Pad

Calc. Number GEO.DCPP.01.25

Record of Revisions

Rev. No.	Reason for Revision	Revision Date
0	Initial Issue	11/07/01
1	Revised to incorporate PG&E NQS, UFSP, and Geosciences and its reviewers' comments including: 1) clarification of SHAKE program in the software section, 2) addition of 2 figures showing the velocity and displacement time histories of the rotated time histories, 3) addition of record of revision sheet, and 4) minor editorial changes.	12/13/01
2	Revised to incorporate comments from 1) Alfred J. Hendron (3/22/2002) and Dale R. Marcum (1/23/2002); 2) 6/4/2002 NQS Assessment Rpt. 01339023. Geomatrix added and revised the following: Description of software AVEACC; Definition of average acceleration of sliding masses and orientation of the "ridge section"; New Figures (13 to 18) including computed average velocities and displacements along potential sliding masses; Table 1, properties for dynamic analyses; Orientation of the "ridge section"; New attachments (e.g., list and excerpts of input and output files); Updated references to calculation package GEO.DCPP.01.21 and GEO.DCPP.02.02. Removed superseded figures in attachments. Numerous editorial changes.	6/21/2002
3	Replaced Page 11- revised to add correct CD label revision number and date, replaced Page 58- Revised to show subdirectory. Revision – 2 contents are not on CD. Replaced CD-Revise README File and only include Input & Output file and program.	12/20/02
4	Revised text to address comments in NRC staff's Request for Clarification 4. Added new attachment (9) that describes additional calculations for average seismic coefficient using the force summation method. Revised PURPOSE section to include reference to Attachment (9) Revised RESULTS and CONCLUSIONS section to include results of computations described in Attachment 9. Added section on LIMITATIONS and IMPACT EVALUATIONS Revised list of attachments. Replaced CD to include results of computations from Attachment (9). Figures and tables of the main body of the calculation remain unchanged.	3/15/03

Calculation Title: Determination of Seismic Coefficient Time Histories for Potential Sliding Masses above Cut Slope behind ISFSI Pad

Calculation No.: GEO.DCPP.01.25

Revision No.: 4

Calculation Author: Zhi-Liang Wang

Calculation Date: 03/15/03

PURPOSE

As required by Geomatrix Consultants, Inc. Work Plan entitled, "Laboratory Testing of Soil and Rock Samples, Slope Stability Analyses, and Excavation Design for Diablo Canyon Power Plant Independent Spent Fuel Storage Installation Site," the purpose of this calculation package is to provide the seismic response of the DCPP ISFSI slope and seismic coefficient time histories for potential sliding masses identified in calculation package GEO.DCPP.01.24.

In a request for clarification by the NRC staff (Request 4) it was recommended that the earthquake-induced acceleration time histories, within potential sliding masses within the ISFSI slope, be computed based on the summation of forces acting on the boundary of the sliding block divided by the mass of the block. This approach is slightly different from the approach followed in this calculation of using the average of nodal point accelerations within the sliding block. In response to NRC staff's request, we have performed additional calculations using the force summation method as described in Attachment 9 to this calculation. The methodology, inputs, results, and conclusions based on these calculations are described in Attachment 9.

ASSUMPTION

1. Response time histories of the potential sliding wedges can be approximated by averaging an appropriate number of nodal time histories within the wedge. This is a reasonable assumption because the material is stiff enough that the response of the rock wedge is very similar to the input time history.

INPUTS

1. Five sets of rock motions originating on the Hosgri fault: Transmittal from PG&E Geosciences dated September 28, 2001 (Attachment 1).
2. Direction of down-slope movement along Section I-I': Transmittal from William Lettis & Associates dated August 3, 2001 (Attachment 2).
3. Orientation (azimuth) of the strike of the Hosgri fault: Transmittal from William Lettis & Associates dated August 23, 2001 (Attachment 3).
4. Direction of positive fault parallel component on Hosgri fault: Transmittal from PG&E Geosciences dated October 18, 2001 (Attachment 4).
5. Shear wave velocity profiles, average unit weight, and the source of the shear modulus and damping curves: Transmittal from PG&E Geosciences dated October 25, 2001 (Attachment 5).
6. Confirmation of preliminary inputs to calculations for DCPP ISFSI site, Transmittal from PG&E Geosciences dated October 31, 2001 (Attachment 6).
7. Confirmation of additional inputs to calculations for DCPP ISFSI site, Transmittal from PG&E Geosciences dated November 1, 2001 (Attachment 7).
8. Rotated motions from set 1 and set 5: from calculation package GEO.DCPP.01.26.

Dynamic Properties for Finite Element Analyses

Properties required for the dynamic finite element analyses include the unit weight, shear modulus at low shear strain, G_{max}, and relationships describing the modulus reduction and damping ratio increase, with increasing shear strains.

Uniformity of materials

In the stability analyses (see calculation package GEO.DCPP.01.24), several material properties and shear strength parameters were considered to compute factors of safety and yield accelerations for potential sliding masses. Because of the existence of the clay beds, tension crack zones, and other zones of discontinuities, the rock mass was treated as non-uniform material for the purpose of stability analysis. For purposes of the seismic response of the slope, the effects from these discontinuities were not considered significant, and the rock slope was simulated as a rock profile having density and shear wave velocity that varied with depth, based on laboratory unit weights and field shear wave velocity measurements.

Unit weight of rock mass

Unit weights of rock mass were based on field investigations for the ISFSI site as reported in Attachment No. 5.

Shear Wave Velocity and Shear Modulus at Low Strain

Shear modulus values at low strain can either be measured in the laboratory using resonant column tests or obtained from field measurements of shear wave velocity. When available, estimates of G_{max} based on field measurements of shear wave velocity are preferable to those based on laboratory test data. The shear modulus at low strain is related to the shear wave velocity by the following relationship:

$$G_{max} = \frac{\gamma}{g}(V_s)^2$$

where: G_{max} = shear modulus at low strain

γ = unit weight of material

g = acceleration due to gravity

V_s = shear wave velocity

Results of shear wave velocity measurements performed at the power block area were presented in the Long Term Seismic Program report (PG&E, 1988). Additional shear wave velocity measurements were made in the ISFSI pad footprint and in the slope above the pad during the current investigation. The results of these field measurements are presented in calculation package GEO.DCPP.01.21. A copy of the average shear wave velocity variation with depth in two borings on the ISFSI slope is shown in Attachment 5. Based on the results of these investigations, a shear wave velocity distribution with depth was selected for use in the dynamic analyses and is presented in Table 1 and shown on the finite element mesh on Figure 6. Poisson ratios were also selected for these rocks layers and are presented also in Table 1.

Modulus Reduction and Damping Relationships with Strain

In the iterative equivalent-linear procedure used in dynamic finite element analyses, relationships of the variation of modulus reduction factor and damping ratio with shear strain are used to select strain-compatible shear moduli and damping ratios for each element. The variation of shear modulus reduction factor and damping ratio with shear strain for rock in the vicinity of the power block area

was estimated on the basis of cyclic triaxial and resonant column tests performed on rock cores, as presented in Attachment 5. The data are presented on Figures 7 and 8 for the modulus reduction factor and damping ratio, respectively. The modulus reduction curve shown on Figure 7 (from the manual of the SHAKE program, Schnabel et al, 1972), which roughly corresponds to the median value of the range obtained from the rock core tests, was selected for the current analysis. For the variation of damping ratio with shear strain, the curve defining the lower bound of the shaded zone for the DCPP rock was selected for use in the current analysis.

METHODOLOGY

Earthquake-induced seismic coefficient time histories (and their peak values, k_{max}) for the potential sliding surfaces were computed using the two-dimensional dynamic finite element program QUAD4M (Hudson and others, 1994). This is a time-step analysis that incorporates a Rayleigh damping approach and allows the use of different damping ratios in different elements. The program QUAD4M was verified in calculation package GEO.DCPP.01.34.

The program uses equivalent-linear, strain-dependent modulus and damping properties and an iterative procedure to estimate the non-linear strain-dependent soil and rock properties.

Selection of Input Motions

Geosciences Department of PG&E developed five sets of possible earthquake rock motions for the ISFSI site (see Attachment No. 1 as confirmed in Attachment 6) to be used as input to the analysis. These motions are estimated to originate on the Hosgri fault about 4.5 km west of the plant site. Both fault normal and fault parallel components were determined for each of the five sets of motions. The fault parallel component incorporated the fling effect; its positive direction was specified in the southeasterly fault direction (see Attachment No. 4 as confirmed in Attachment 5). The fault normal component has a direction normal to the fault, and its polarity can be either positive or negative depending on the assumed location of the initiation of the rupture. Based on Attachments 2 and 3 as confirmed in Attachment 7, the best estimate of the direction of movement along cross section I-I' (as shown in Figure 1) is 36 ± 10 degrees (counter-clockwise) from the direction of the strike of the Hosgri fault (i.e., to the southeast; see Attachment No. 2). The value of 10 degrees is used to address the uncertainties associated with the relative orientation between the fault and the analytical section. The

fault normal component can be at ± 90 degrees from fault parallel direction, that is 36+90 = 126 (or 36-90 = -54) degrees from the direction of section I-I'. From these relations, the ground motion component along section I-I' can be determined from the specified components along the fault normal and fault parallel directions. The component along section I-I' will be referred to as the rotated component.

The rotated component along section I-I' direction is the sum of the projections of the fault normal and fault parallel components along the direction of section I-I'. The formulation is as follows:

$$II^{+} = F_P \cos(\Phi) + F_N \sin(\Phi)$$

and

$$II^{-} = F_P \cos(\Phi) - F_N \sin(\Phi)$$

in which the F_P and F_N are fault parallel and fault normal components of the acceleration time histories, II^{+} is the component along section I-I' (for a positive fault normal component), and II^{-} is the component along section I-I' (for a negative fault normal component). Φ is the angle between the up-slope direction of section I-I' and the fault parallel direction (southeast). The five sets of earthquake motions on the Hosgri fault are now rotated to earthquake motions along the up-slope direction of cross section I-I'. For a specified angle between section I-I' and the fault direction, there are 10 rotated earthquake motions along I-I' direction, because for each set the positive and negative directions of the fault normal component were considered separately.

The response of the slope was computed using, as input, control motions specified at the horizontal ground surface in the free field, approximately 800 feet from the toe of the slope. The originally developed five sets of potential earthquake motions all fit the ISFSI design spectrum. These motions were first rotated to the direction of cross section I-I' as described above. The direction of I-I' was conservatively oriented at 46 degrees from the strike of the Hosgri fault to enhance the contribution of the fault normal component. Then, approximate earthquake-induced displacements initially were computed for each set using a rigid sliding block model based on the Newmark approach (see calculation package GEO.DCPP.01.26). The two sets of rotated motions that produced the highest deformation in the rigid sliding block analysis (based on Table 1 of GEO.DCPP.01.26) were selected as input motions for the two-dimensional dynamic response analyses. These two sets of rotated motions were from set 1 and set 5 as described in calculation package GEO.DCPP.01.26. The

acceleration time histories of these two motions are presented in Figures 2 and 3 for sets 1 and 5, respectively. The corresponding velocity and displacement time histories of the rotated components along section I-I' are shown in Figures 4 and 5. The positive values indicate motions in the up-slope direction of section I-I', that is conservatively oriented at 46 degrees (counter-clockwise) from the direction of the strike of the Hosgri fault.

Because the base of the finite element mesh is at a depth of 300 feet, and because the QUAD4M program only allows the input motion to be applied at the base, the base motion was first computed by deconvolving the surface ground motion to this depth. The control motions specified at the ground surface (in the free field beyond the toe of the slope) were deconvolved using the one-dimensional wave propagation analysis program SHAKE (Geomatrix version, 1995; see Calculation package GEO.DCPP.02.02) to obtain motions at the level of the base of the two-dimensional finite-element model. Calculation package GEO.DCPP.01.34 shows that, when using the base motion developed from SHAKE, the program QUAD4M can produce reasonably similar surface motions in the free field. This calculation package verified that the deconvolved motions could be specified as input (outcropping) motions at the base of the two-dimensional model. The rock below this depth was modeled as an elastic half-space that has the same shear wave velocity as the rock just above it.

Finite Element Model and Boundary Conditions

A finite element representation of the slope at the ISFSI site along cross section I-I' is shown on Figure 6. The minimum thickness of the mesh layer (8 feet) was selected to allow propagation of shear waves having frequencies up to 25 Hz. The bedrock underlying the slope was modeled to a depth of about 300 feet below the horizontal free field surface, near the toe of the slope. The base of the finite element mesh is treated as elastic half-space. For the nodes at the two lateral boundaries, the dynamic displacement is allowed in the horizontal direction only when the horizontal input motion is applied at the base. In order to avoid unrealistic reflections from the lateral boundaries, we extended the lateral boundaries horizontally a significant distance from the ISFSI site. Because the response is needed only at the specified potential sliding masses (located between the toe and about two-thirds the height of the slope), the laterally extended portion of the mesh does not accurately match the topography beyond these locations. The extended boundary was used only to improve the numerical accuracy of the response in the immediate vicinity of the slope, not to model the response of the summit of the hillside.

We performed test analysis to include the DiabloCanyon/Creek in the finite element model. The results showed no significant effect on the response at ISFSI pad location, thus the canyon topography was not modeled in the subsequent analyses.

SOFTWARE

The computer program QUAD4M was verified in calculation package GEO.DCPP.01.34.

The computer program SHAKE (modified by Geomatrix, 1995) was used to compute base motions in this calculation package. SHAKE originally was developed at the University of California, Berkeley (Schnabel, Lysmer, and Seed, 1972). Geomatrix modified the code to increase the sizes of arrays to accommodate more time history data points and a greater number of layers. The program SHAKE (Geomatrix, 1995 version) was verified in GEO.DCPP.02.02. The average acceleration time histories for sliding masses were computed using a computer program AVEACC developed at Geomatrix.

Verification of program AVEACC:

1) Program function: This program can be used to calculate an average acceleration from accelerations obtained at selected nodal points in a mass.
2) Program name/number: AVEACC
3) Program version/revision: Version number not applicable/Revision date 10/16/2001.
4) Computer platform: DOS under Microsoft Windows.
5) Capability and limitations: 20000 time steps.
6) User manual reference: source code included in CD

The typical results from the output of the program AVEACC were verified using hand calculation as shown in Attachment 8 (page 136). The results from hand calculation are identical with AVEACC output.

BODY OF CALCULATION

The results of the dynamic analyses provide a distribution of the earthquake-induced accelerations and stresses within all elements of the modeled slope profile (cross section I-I'). Using the rotated input motion developed from sets 1 and 5, computed peak accelerations along the slope surface are presented on Figure 9. Contours of computed peak acceleration within the slope, using input motion sets 1 and 5, are shown in Figure 10 and 11, respectively. Acceleration time histories were calculated for a total of 26 locations within three potential sliding masses (namely 1b, 2c, and 3c), as shown in Figure 12.

These sliding masses have the least computed yield accelerations among potential sliding masses along the various clay beds within the slope, as shown in GEO.DCPP.01.24. For sliding mass 1b, acceleration time histories at four nodes (shown in Figure 12) were used to develop an average acceleration time history within the sliding mass. The average acceleration time history was calculated at each time step, based on the average of the acceleration values at the four nodes, using the program AVEACC described above. In the same way, average acceleration time histories were also computed for sliding masses 2c and 3c (using the acceleration time histories computed at nodal points inside these sliding masses, as shown in Figure 12). These average acceleration time histories were then integrated to obtain the average velocity and displacement time histories. It should be noted that these time histories are not baseline corrected, so their displacement time histories show a permanent shift at the end of earthquake shaking. This is because the original design ground motions include the "fling" effect in the fault parallel component that simulates the displacement associated with the tectonic fault offset. The average acceleration, velocity and displacement time histories for sliding mass 1b are presented in Figure 13 and 14 for input motion sets 1 and 5, respectively. The average acceleration, velocity and displacement time histories for sliding mass 2c are presented in Figure 15 and 16 for input motion sets 1 and 5, respectively. Similarly the average acceleration, velocity and displacement time histories for sliding mass 3c are presented in Figure 17 and 18. It can be seen that the average time histories computed for the sliding masses are quite similar, because the rock slope is very stiff.

Section I-I' is oriented 36 degrees from the direction of the Hosgri fault strike, and it is modeled with maximum elevation about 750 feet. In order to investigate the sensitivity of the computed seismic response to the variations in the orientation of the section analyzed, a cross section was selected that has an orientation of 10 degrees (counter-clockwise) from that of I-I' and intersects with I-I' at about elevation 750'. This section, referred to as the 'ridge section,' runs approximately along the ridge of the slope behind the ISFSI site, and extends as high as 1100 feet in elevation, whereas section I-I' is modeled with a flat top at elevation 750 feet. The input ground motions used for this section are the same as used for the I-I' section although there is a 10 degrees difference in the orientation of the two sections.

The computed peak surface accelerations along these two sections are presented in Figure 19 for input motion set 1. Figure 19 shows that the differences in the peak accelerations along the surfaces of the

two cross-sections, in the zone of interest to the analysis, are not significant. This result shows that the computed seismic responses are not sensitive to slight changes in the orientation of section I-I', or to the total height of the hillside included in the analysis.

RESULTS AND CONCLUSIONS

The computed peak surface accelerations indicate some amplification (up to 35%) along the up-slope direction for set 5 motions, as shown in Figure 9. The amplification effects for set 1 are not significant. The computed peak acceleration contours (as shown in Figures 10 and 11) indicate a decrease in accelerations with depth below the slope. The calculated average accelerations for potential sliding mass 1b show a slight increase compared with the input motion due to the amplification effect at the slope surface, while the deeper sliding masses 2c and 3c show a slight decrease due to the reduction of peak accelerations with depth. The waveforms of the computed average acceleration (as shown in Figures 13 and 14) are generally similar to the input motions shown in Figures 2 and 3. This is because the material of the slope is composed of rock mass having relatively high shear wave velocities.

In response to a request from NRC staff for clarification of RAI's, additional analyses (as described in Attachment 9) were performed to compute the seismic coefficient time histories of potential sliding masses using the force summation approach in the updated program QUAD4MU. The results of these computations were compared with the estimates of average acceleration time histories based on averaging the nodal point accelerations. The results of these comparisons indicate that the differences in the phasing of the motions computed using the two approaches are negligible. The differences in the computed peaks of the time histories are not significant and are in the range of one to six percent. The peaks of the seismic coefficient time histories using the force summation approach were lower than those estimated from averaging the nodal point accelerations. The computed seismic coefficient time histories will also be used to calculate earthquake-induced deformations in a revision to Calculation GEO.DCPP.01.26.

LIMITATIONS

The results of this calculation apply to stability analyses at cross section I-I of the cut slope behind the ISFSI pad.

IMPACT EVALUATIONS

The results of this calculation will impact the computation of earthquake-induced displacements of potential sliding masses within the slope above the ISFSI pad in Calculation GEO.DCPP.01.26, Revision 4.

REFERENCES

1. Geomatrix Consultants, Inc. Work Plan, Laboratory Testing of Soil and Rock Samples, Slope Stability Analyses, and Excavation Design for Diablo Canyon Power Plant Independent Spent Fuel Storage Installation Site, Revision 2, dated December 8, 2000.
2. Geosciences Calculation Package GEO.DCPP.01.21, Revision 2, Analysis of Bedrock Stratigraphy and Geologic Structure at the DCPP ISFSI Site.
3. Geosciences Calculation Package GEO.DCPP.01.24, Revision 2, Stability and Yield Acceleration Analysis of Cross Section I-I'.
4. Geosciences Calculation Package GEO.DCPP.01.26, Revision 2, Determination of Earthquake-Induced Displacements of Potential Sliding Masses on DCPP ISFSI Slope.
5. Geomatrix Consultants, Inc., 1995, Modification of Computer Program SHAKE.
6. Geosciences Calculation Package GEO.DCPP.01.34, Revision 1, Verification of Computer Code QUAD4M.
7. Geoscience Calculation Package GEO.DCPP.02.02, Revision 0, Verification of Computer Code SHAKE (Geomatrix Version).
8. Hudson, M., Idriss, I.M., and Beikae, M, 1994, QUAD4M (Program and User's Manual) Center for Geotechnical Modeling, Department of Civil & Environmental Engineering, University of California, Davis, California.
9. Idriss, I.M., and Sun, Joseph I., 1991, User's Manual for SHAKE91, program modified based on the original SHAKE program published in December 1972 by Schnabel, Lysmer, and Seed, Center for Geotechnical Modeling, Department of Civil & Environmental Engineering, University of California, Davis, California. November 1992.
10. PG&E, 1988, Final Report of the Diablo Canyon Long Term Seismic Program, July.
11. Schnabel, P.B., Lysmer. J., and Seed, H.B., 1972, SHAKE, A computer program for earthquake response analysis of horizontally layered sites, EERC Report No. 72-12, University of California, Berkeley, December.

ATTACHMENTS

1. 09/28/2001, PG&E Geosciences, Robert K. White, Re: Confirmation of transmittal of inputs for DCPP ISFSI slope stability analyses. 3 pages, Pages 31-33 of this calculation.
2. 08/3/2001, William Lettis & Associates, Inc., Jeff Bachhuber, Re: Ground Motion Directional Components. 2 pages, Pages 34-35 of the calculation.
3. 08/23/2001, William Lettis & Associates, Inc., Jeff Bachhuber, Re: Revised Estimates for Hosgri Fault Azimuth, DCPP ISFSI Project. 12 pages, Pages 26-37 of the calculation.

4. 10/18/2001, PG&E Geosciences, Joseph Sun, Re: Positive direction of the fault parallel component time history on the Hosgri fault. 4 pages, Pages 38-41 of the calculation.
5. 10/25/2001, PG&E Geosciences, Robert White, Re: Input parameters for calculations. 6 pages, Pages 42-47 of the calculation.
6. PG&E Geosciences, Robert White, Re: Confirmation of preliminary inputs for DCPP ISFSI site. 3 pages, Pages 48-50 of the calculation.
7. 11/1/2001, PG&E Geosciences, Robert White, Re: Confirmation of additional inputs to calculations for DCPP ISFSI site. 4 pages, Page 51-54.
8. List of CD contents and excerpts of input and output files from Revision 2. 86 pages, Pages 55-140 of the calculation.
9. Calculation of average acceleration time histories using summation of forces acting on boundaries of potential sliding mass. 10 pages, Pages 1-9. Pages not pagenated with calculation.
10. List of CD contents and excerpts of input and output files for calculations described in Attachment 9. ---pages, not pagenated with calculation.

ENCLOSURE

Compact disc labeled, GEO.DCPP.01.25, Rev. 4, dated ---------- containing the input and output files for calculations performed in this calculation package.

TABLE 1

MATERIAL PROPERTIES FOR DYNAMIC FINITE ELEMENT ANALYSIS,
Slope Sections I-I'
DIABLO CANYON POWER PLANT

Material	Layer and Thikness[1] (h)	Unit Weight (pcf)	Shear Wave Velocity (fps)	Poisson's Ratio	Modulus and Damping Relationships
Obispo Formation Bedrock	h=160 feet	140	4000	0.37	Rock, LTSP SSI analysis[2], PG&E, 1988
Obispo Formation Bedrock	h=100 feet	145	4800	0.37	Same
Obispo Formation Bedrock	Depth >260 feet	150	5900	0.35	Same
Elastic Half Space	below Elevation. 0 feet	150	5900	-	Linear

[1] Thickness below horizontal ground surface in free field
[2] Final report of the long term seismic program submitted by PG&E to the NRC. On July, 1988.

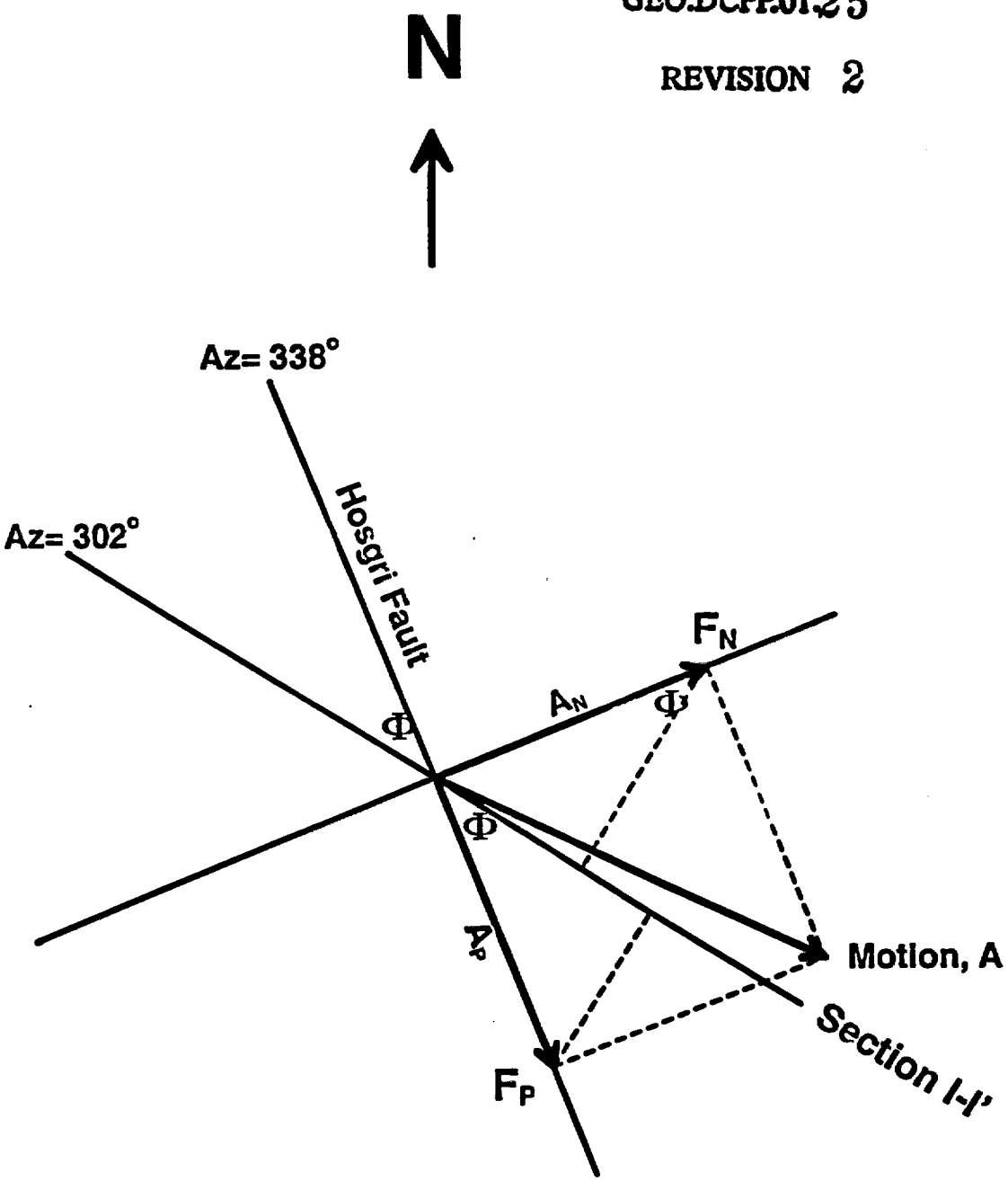

Figure 1. Orientations of Section I-I' and Hosgri Fault.

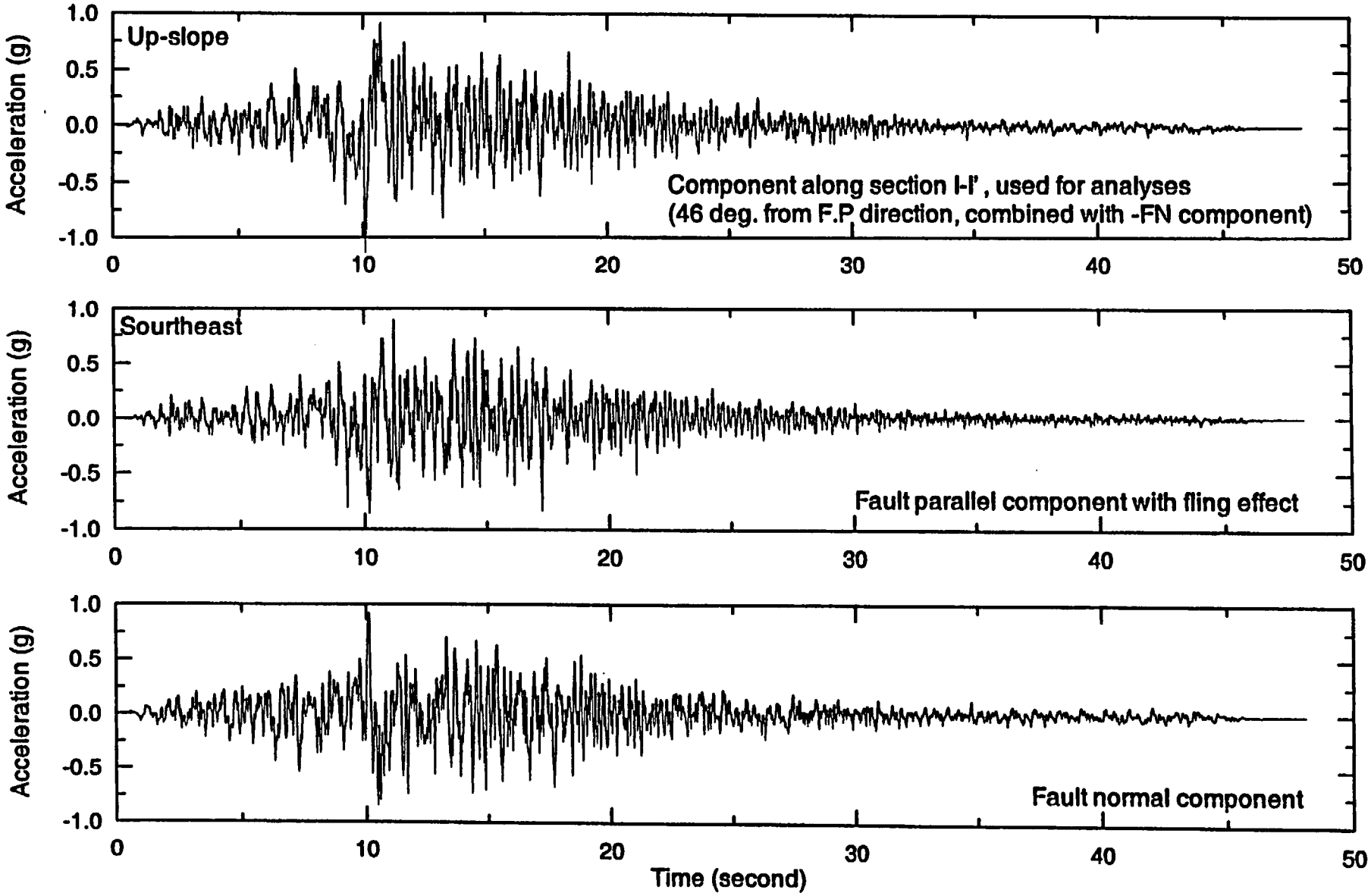

Figure 2. Acceleration time histories of fault normal, fault parallel and rotated I-I components of Set 1.

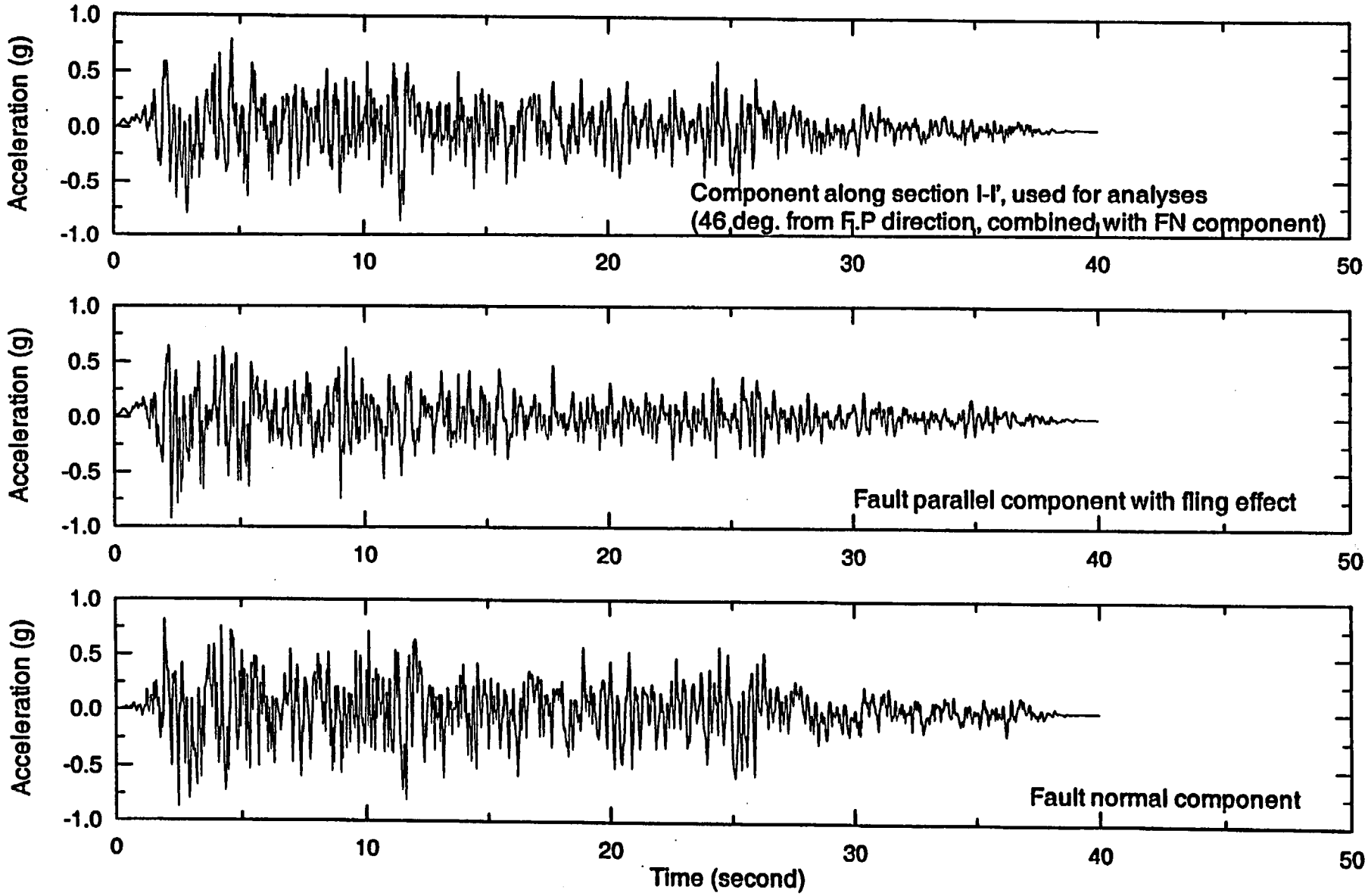

Figure 3. Acceleration time histories of fault normal, fault parallel and rotated I-I' components of Set 5.

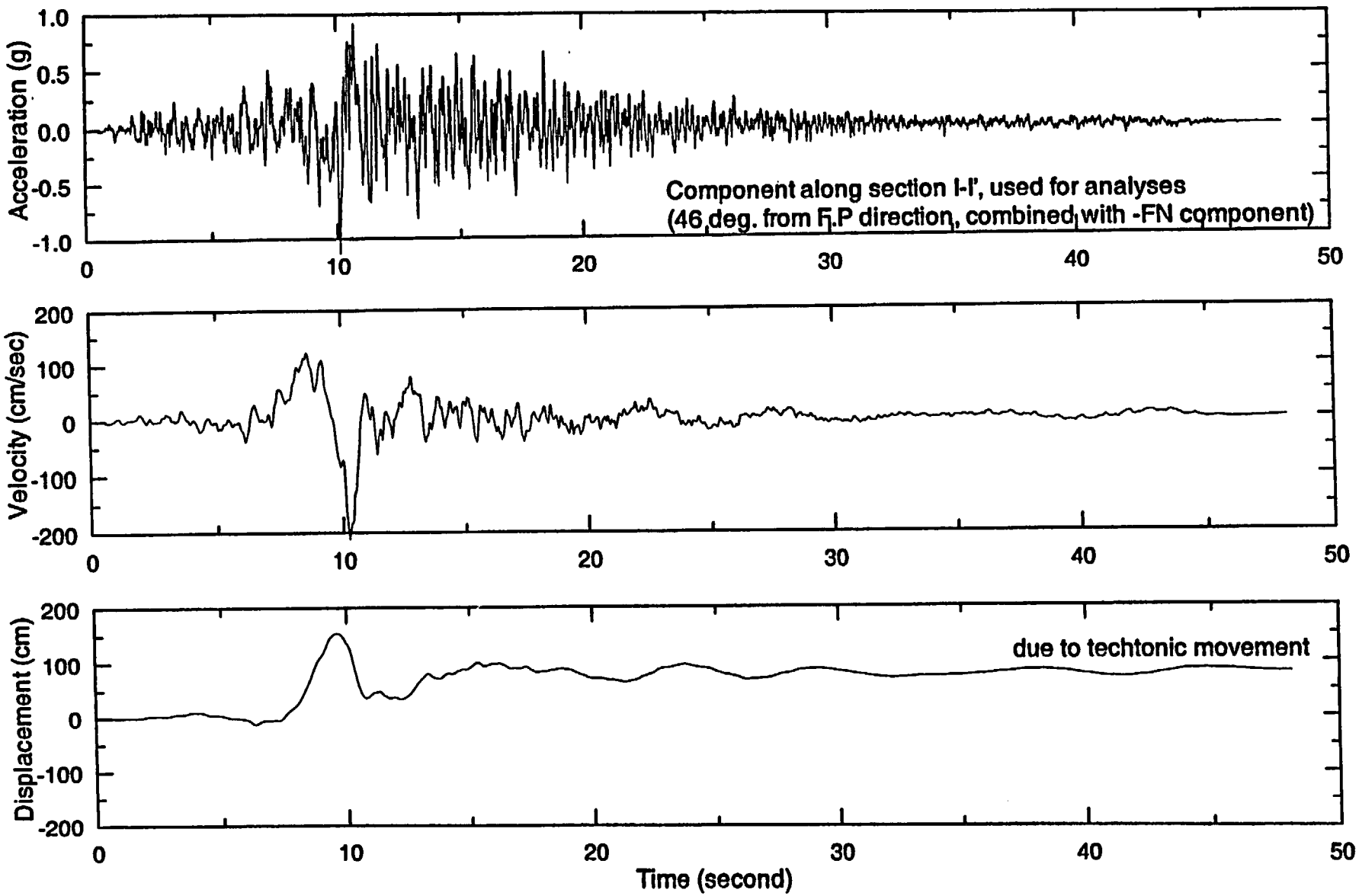

Figure 4. Time histories of acceleration, velocity, and displacement from I-I' components of set 1.

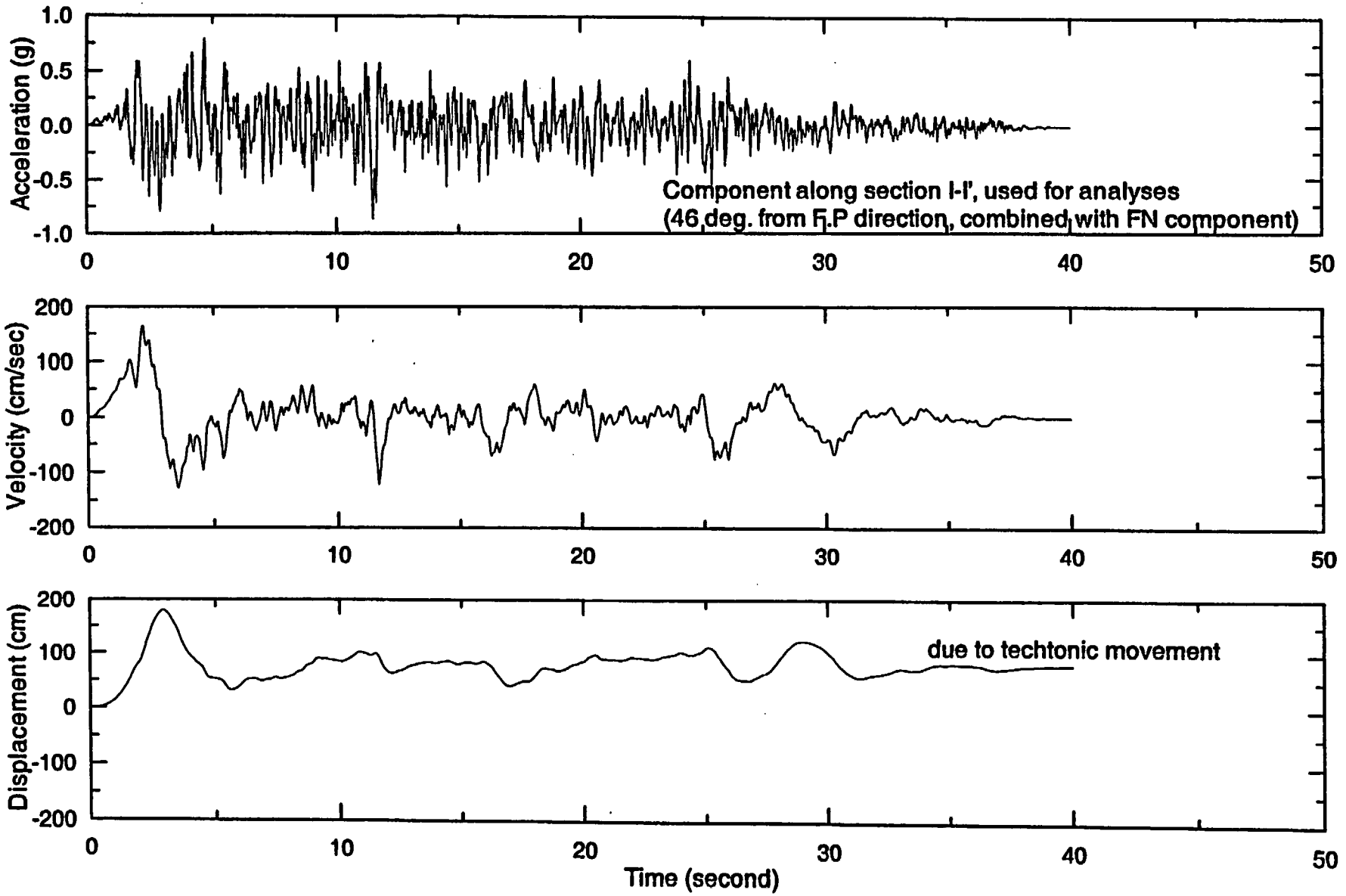

Figure 5. Time histories of acceleration, velocity, and displacement from I-I' components of set 5.

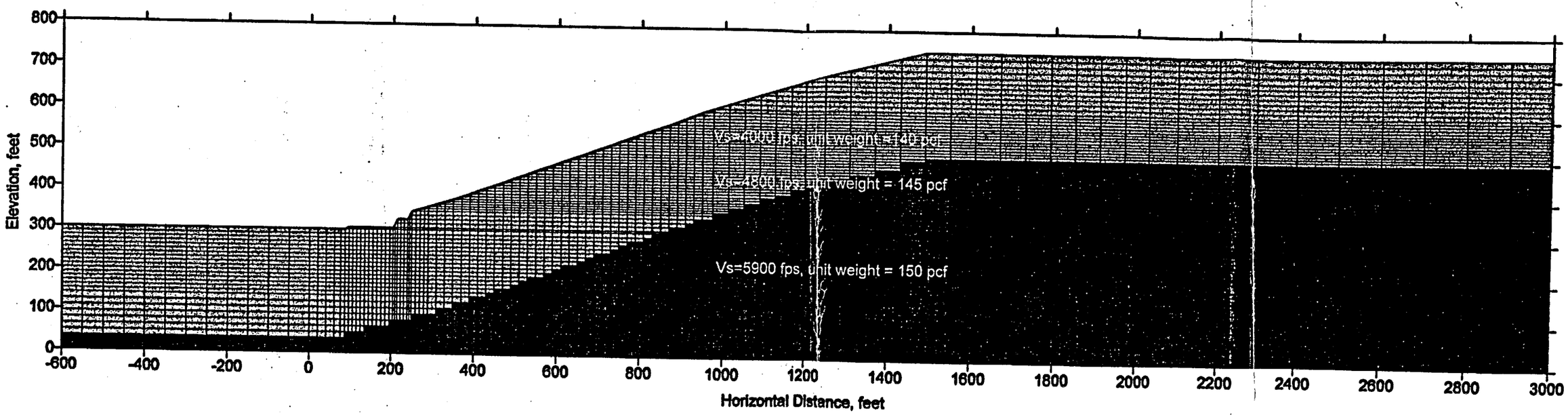

Figure 6. Finite Element Representation of Slope at ISFSI Site, Cross Section I-I'.

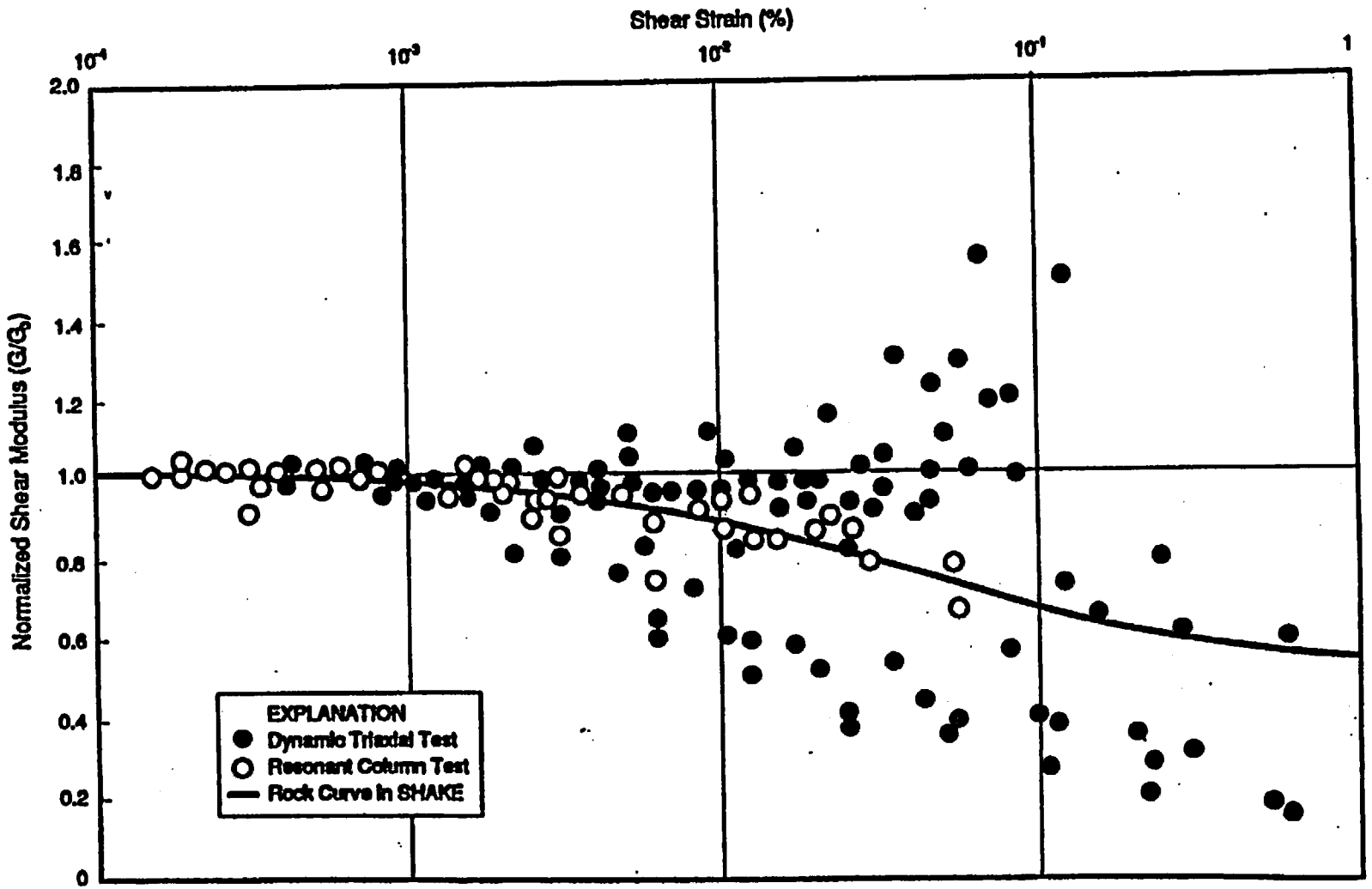

Figure 7. Variation of shear modulus with shear strain for the site rock based on 1978 laboratory test data.

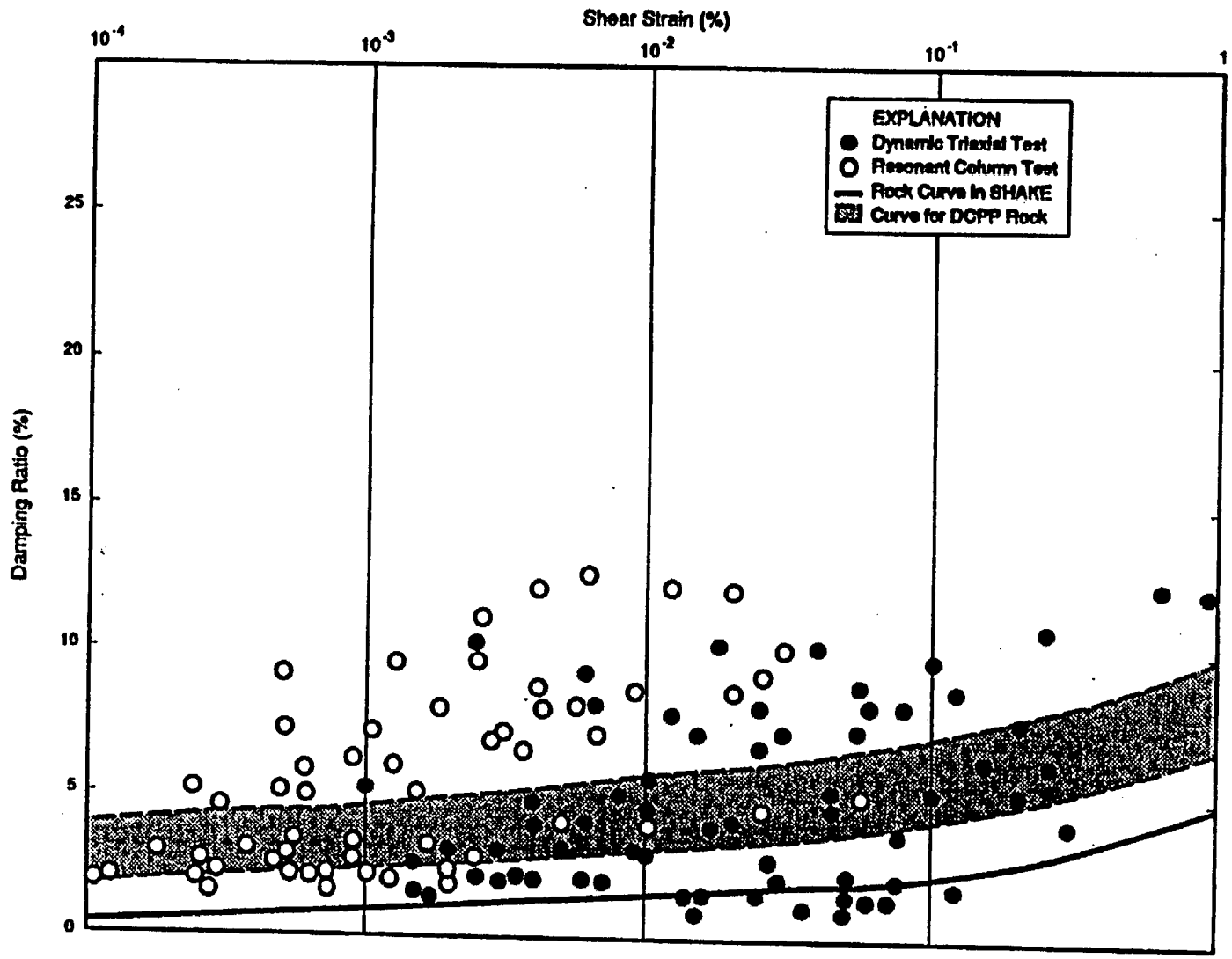

Figure 8. Variation of damping ratio with shear strain for the site rock based on 1977 laboratory test data.

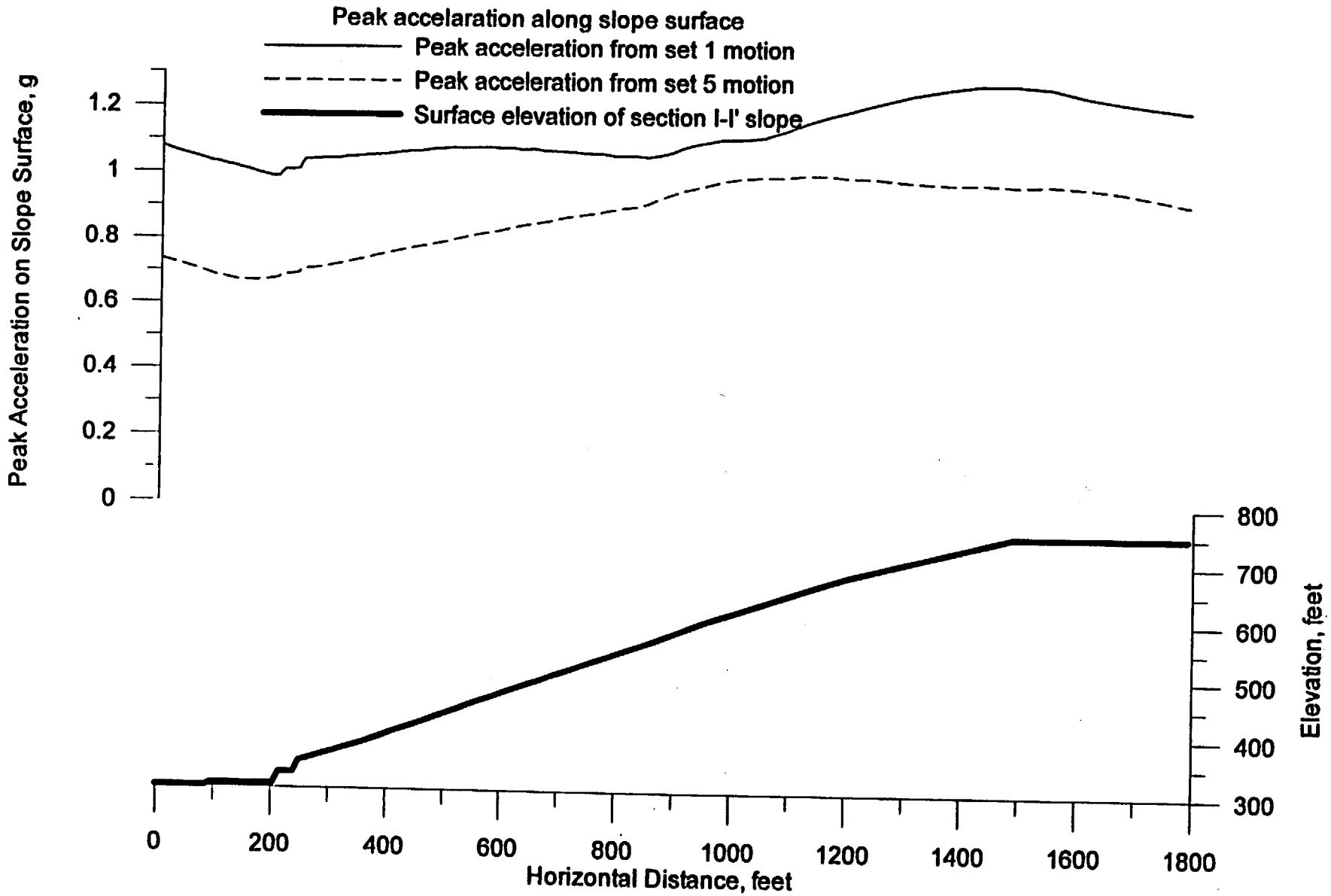

Figure 9. Computed peak acceleration along slope surface

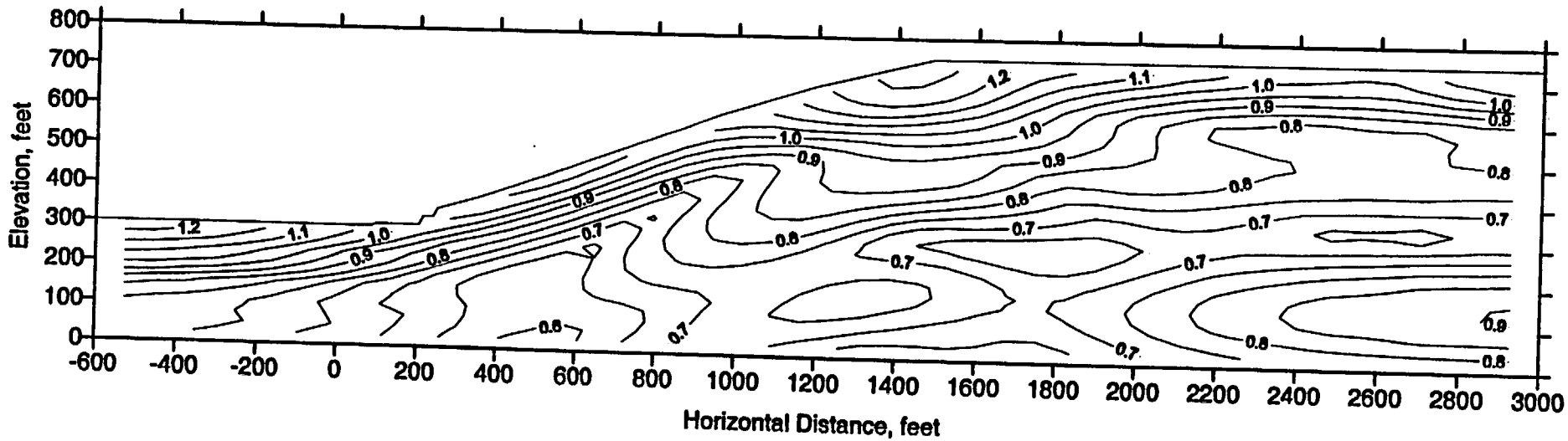

Figure 10. Contours of peak acceleration induced by motion set 1 along section I-I'.

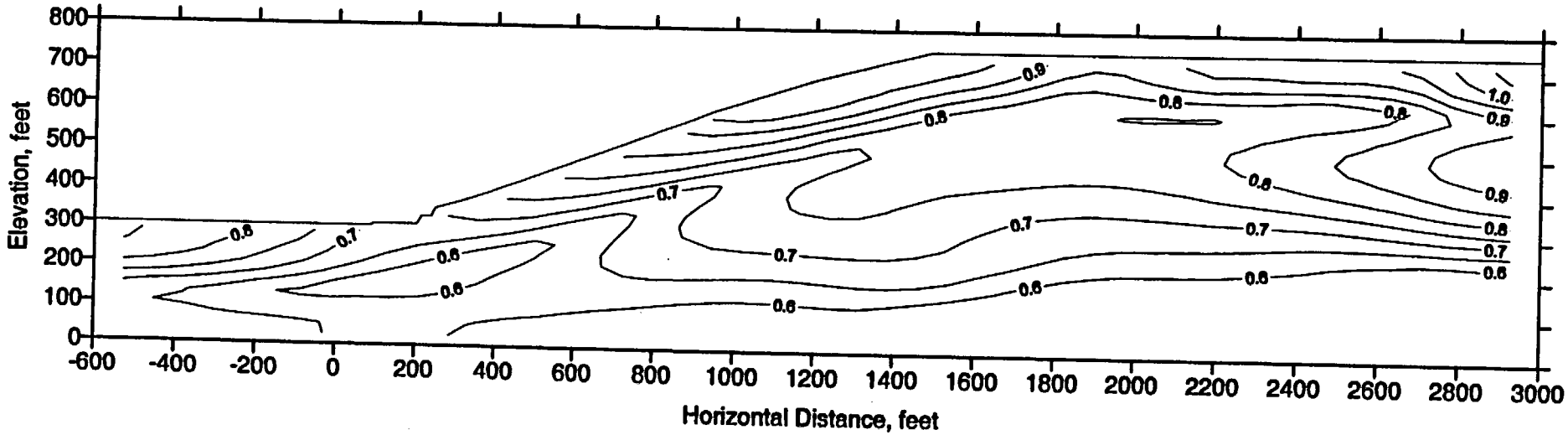

Figure 11. Contours of peak acceleration induced by motion set 5 along section I-I'.

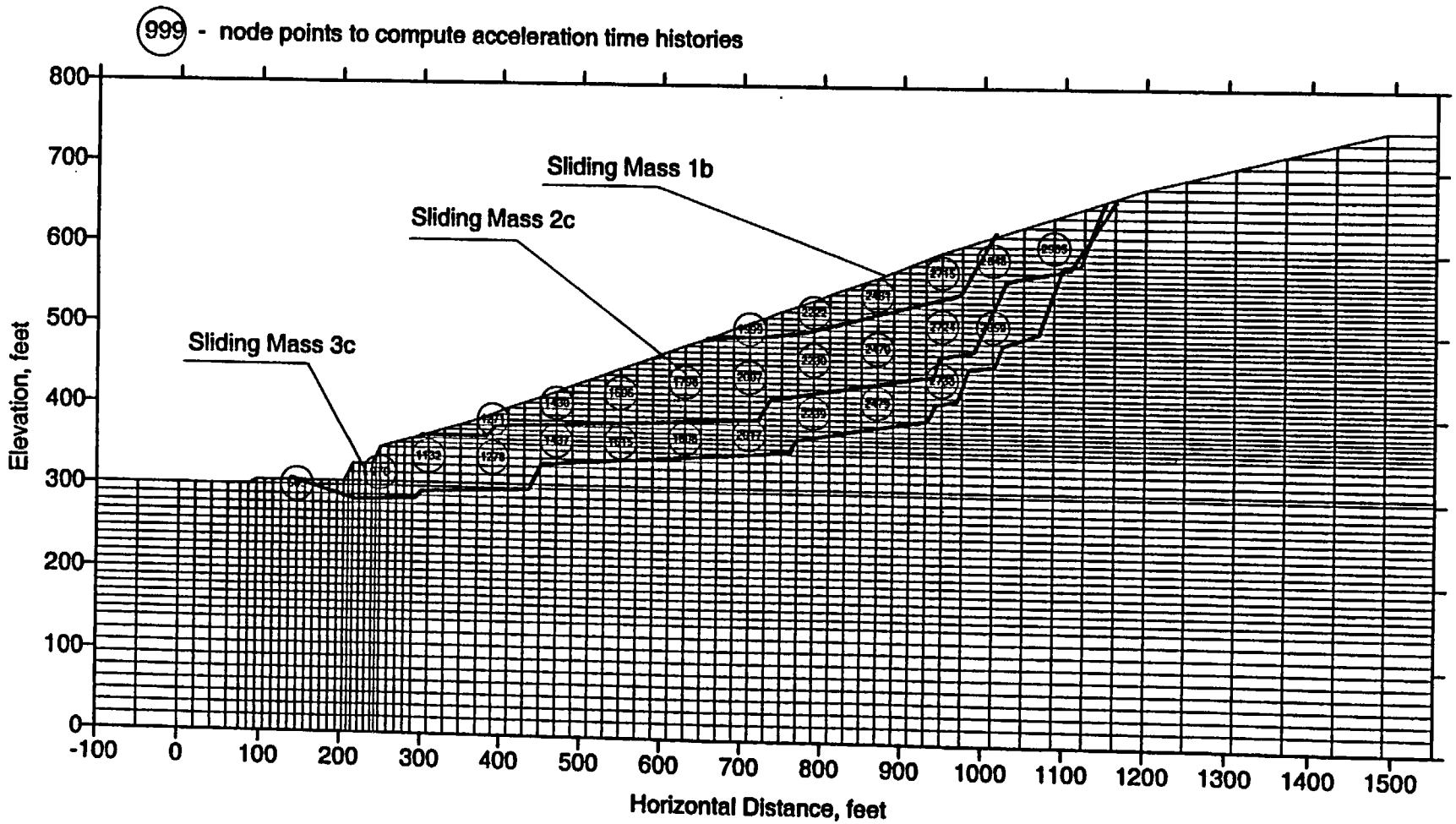

Figure 12. Potential sliding masses and node points for computed acceleration time histories

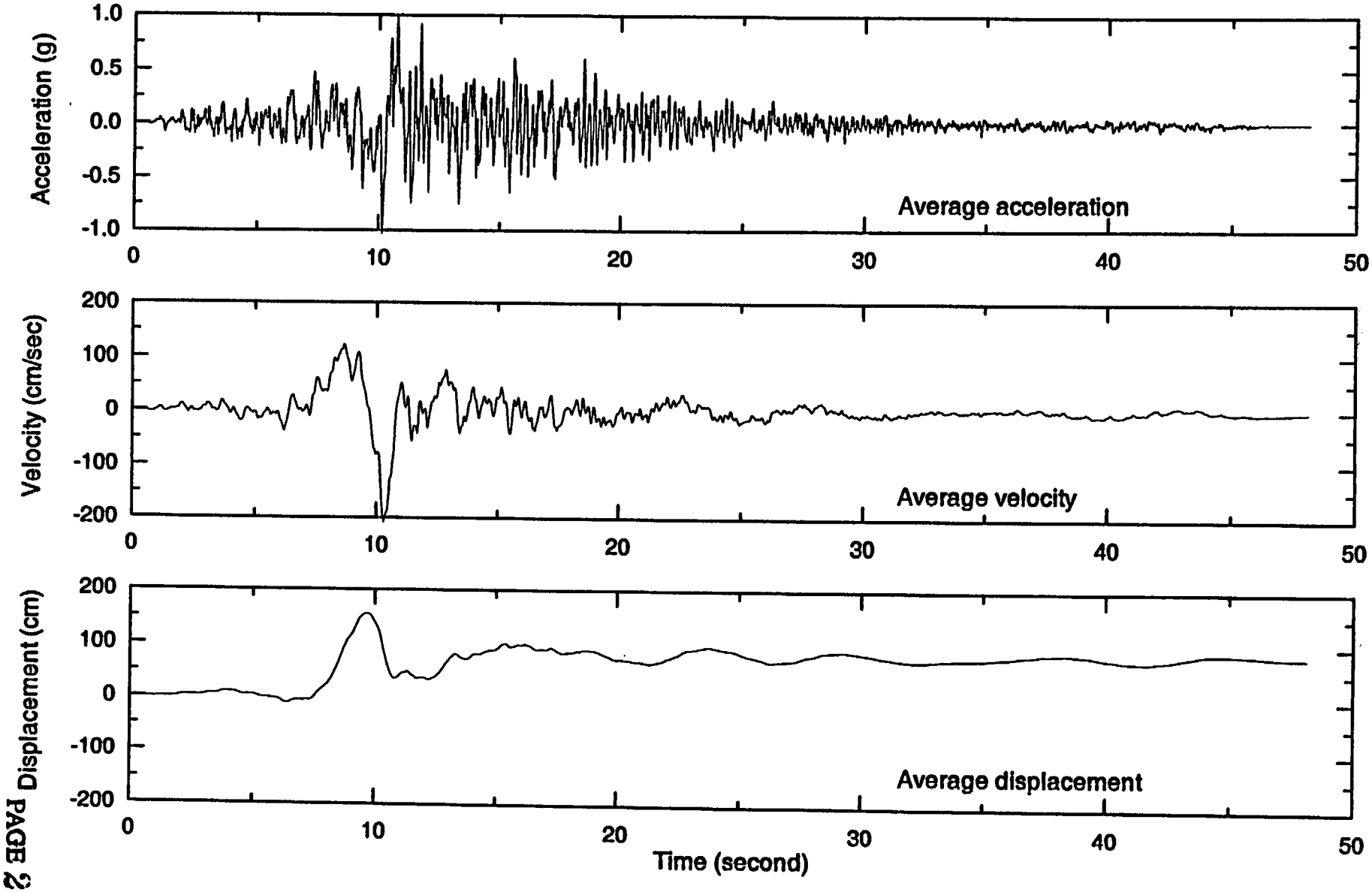

Figure 13. Average time histories of acceleration, velocity and displacement at sliding mass 1B using input motion set 1.

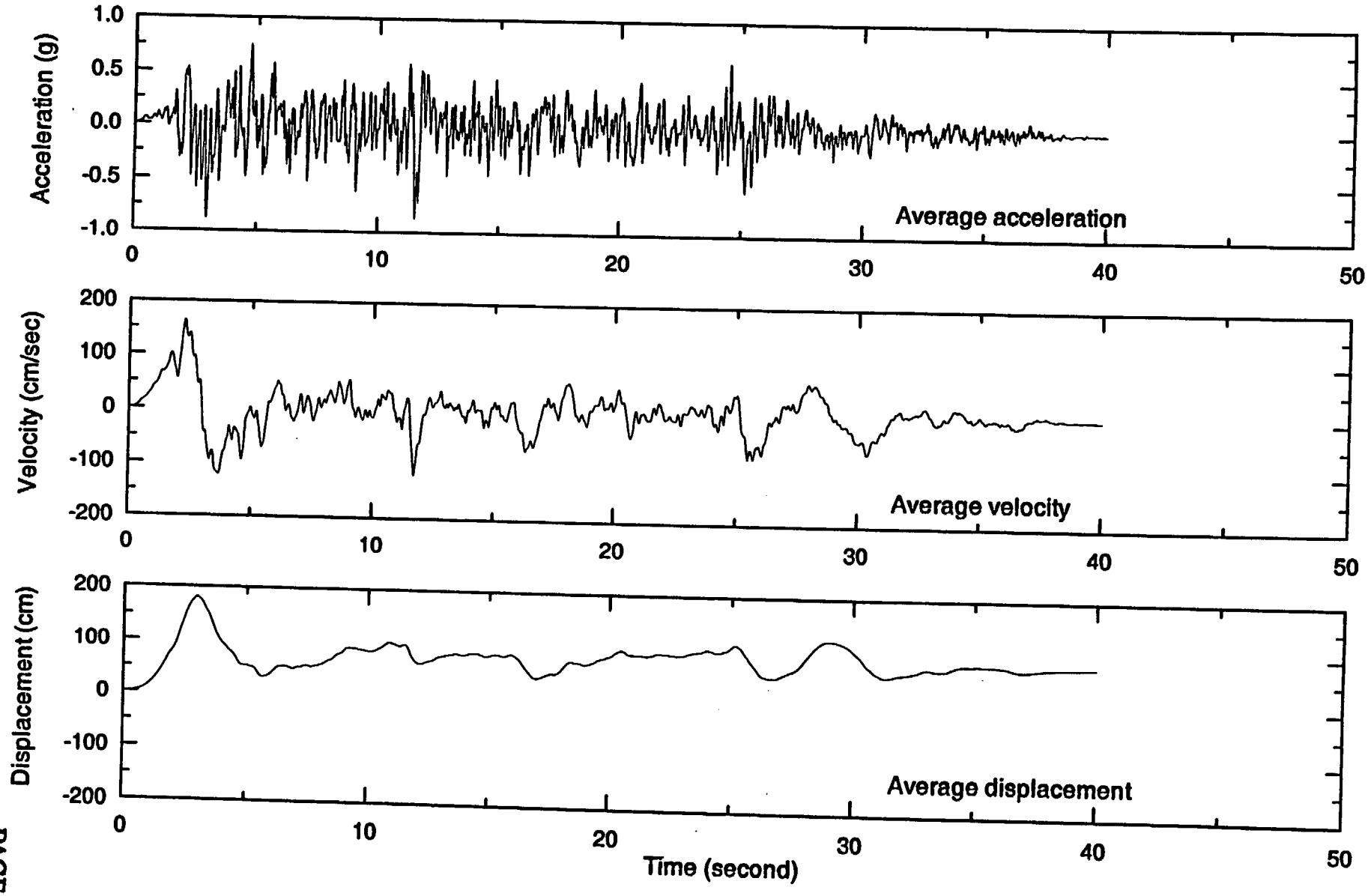

Figure 14. Average time histories of acceleration, velocity and displacement at sliding mass 1B using input motion set 5.

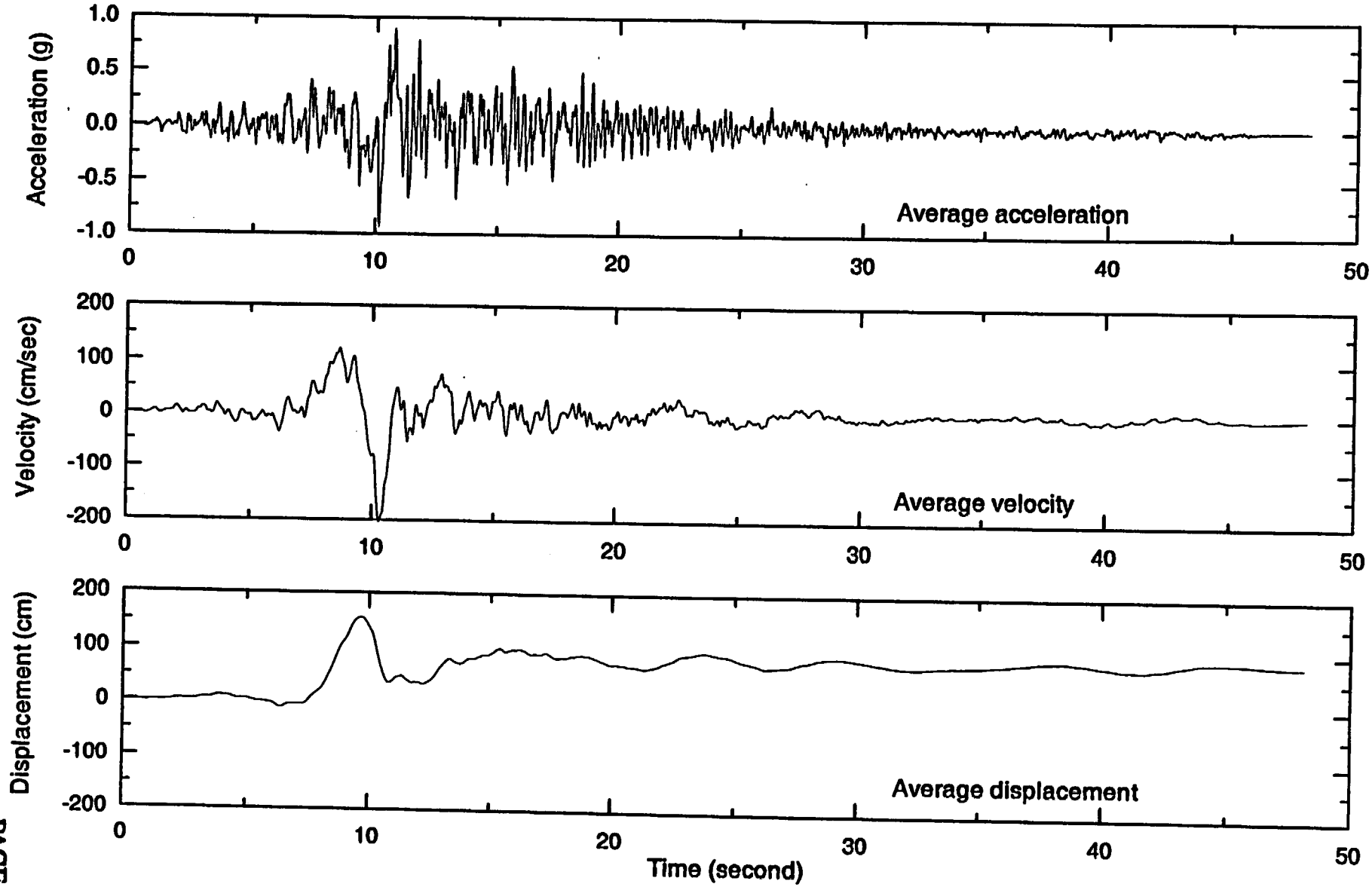

Figure 15. Average time histories of acceleration, velocity and displacement at sliding mass 2C using input motion set 1.

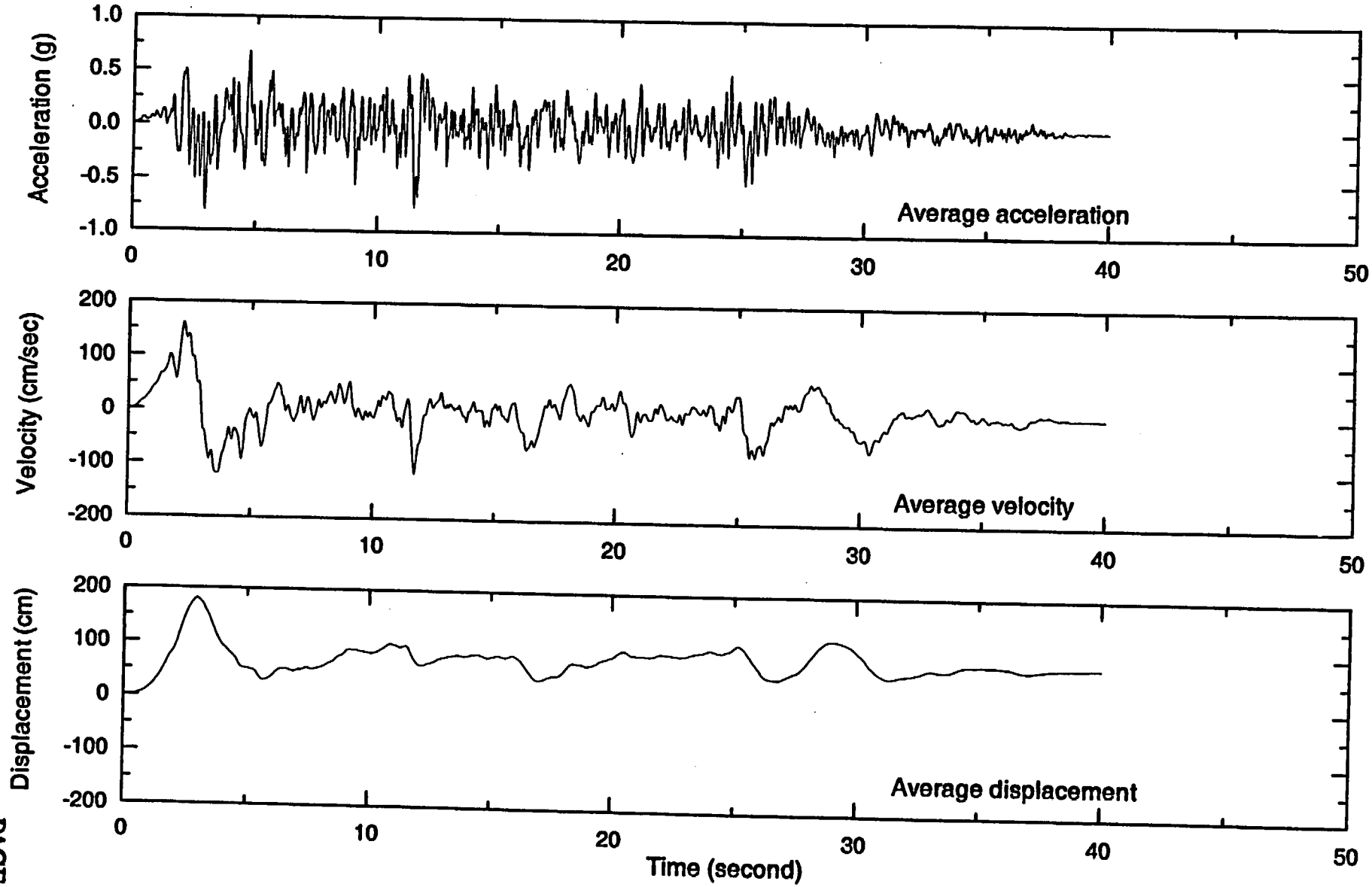

Figure 16. Average time histories of acceleration, velocity and displacement at sliding mass 2C using input motion set 5.

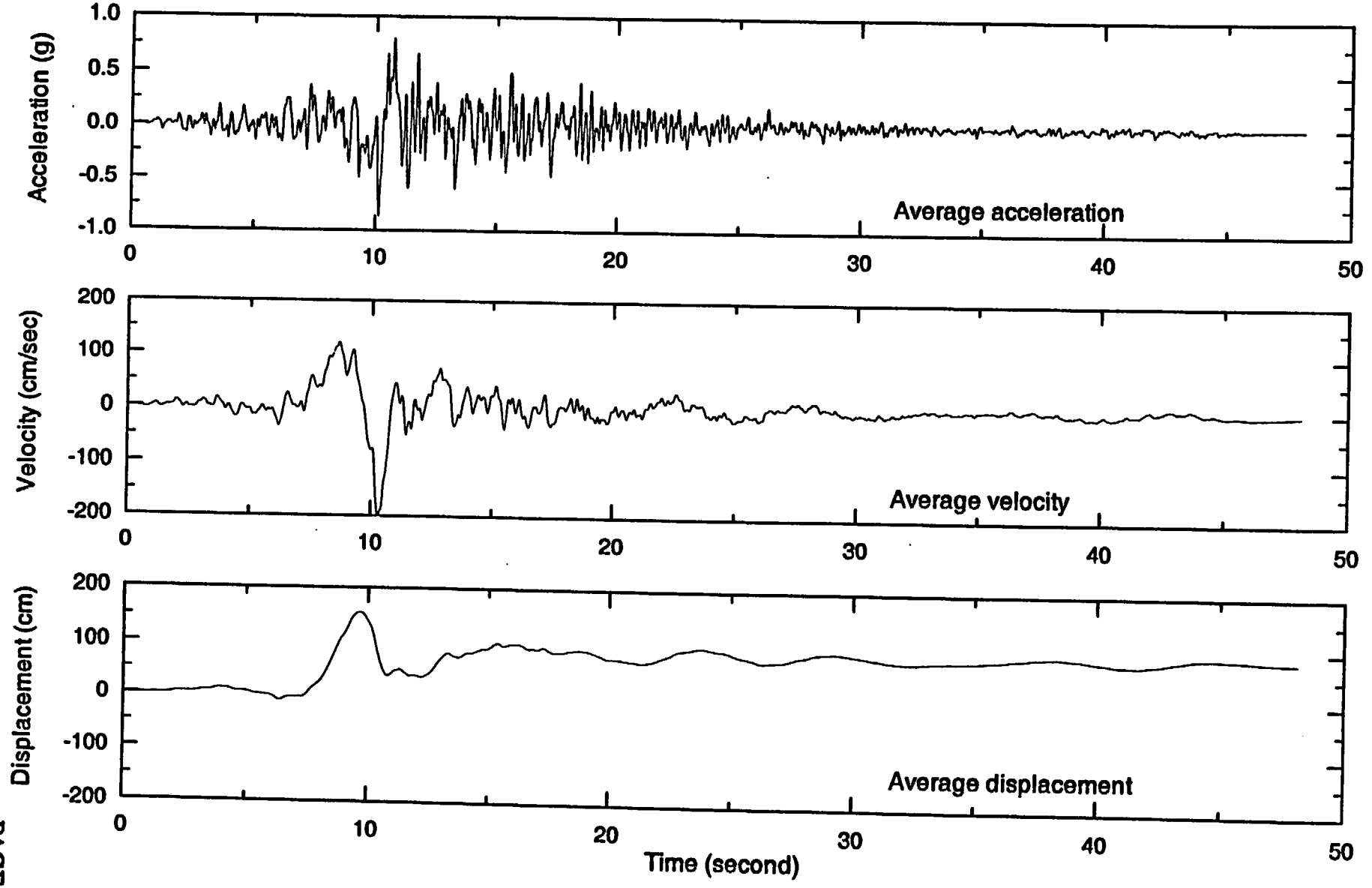

Figure 17. Average time histories of acceleration, velocity and displacement at sliding mass 3C using input motion set 1.

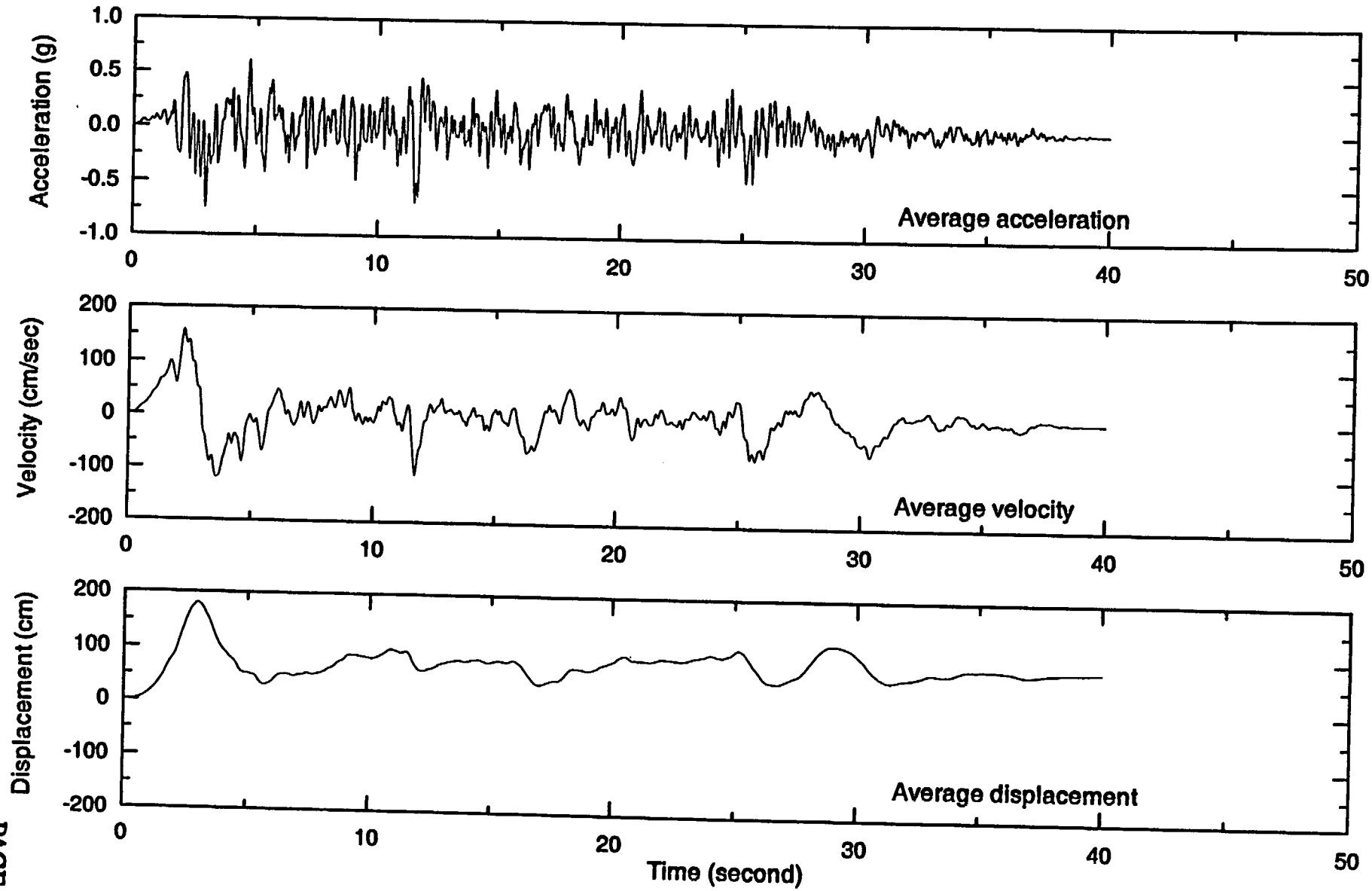

Figure 18. Average time histories of acceleration, velocity and displacement at sliding mass 3C using input motion set 5.

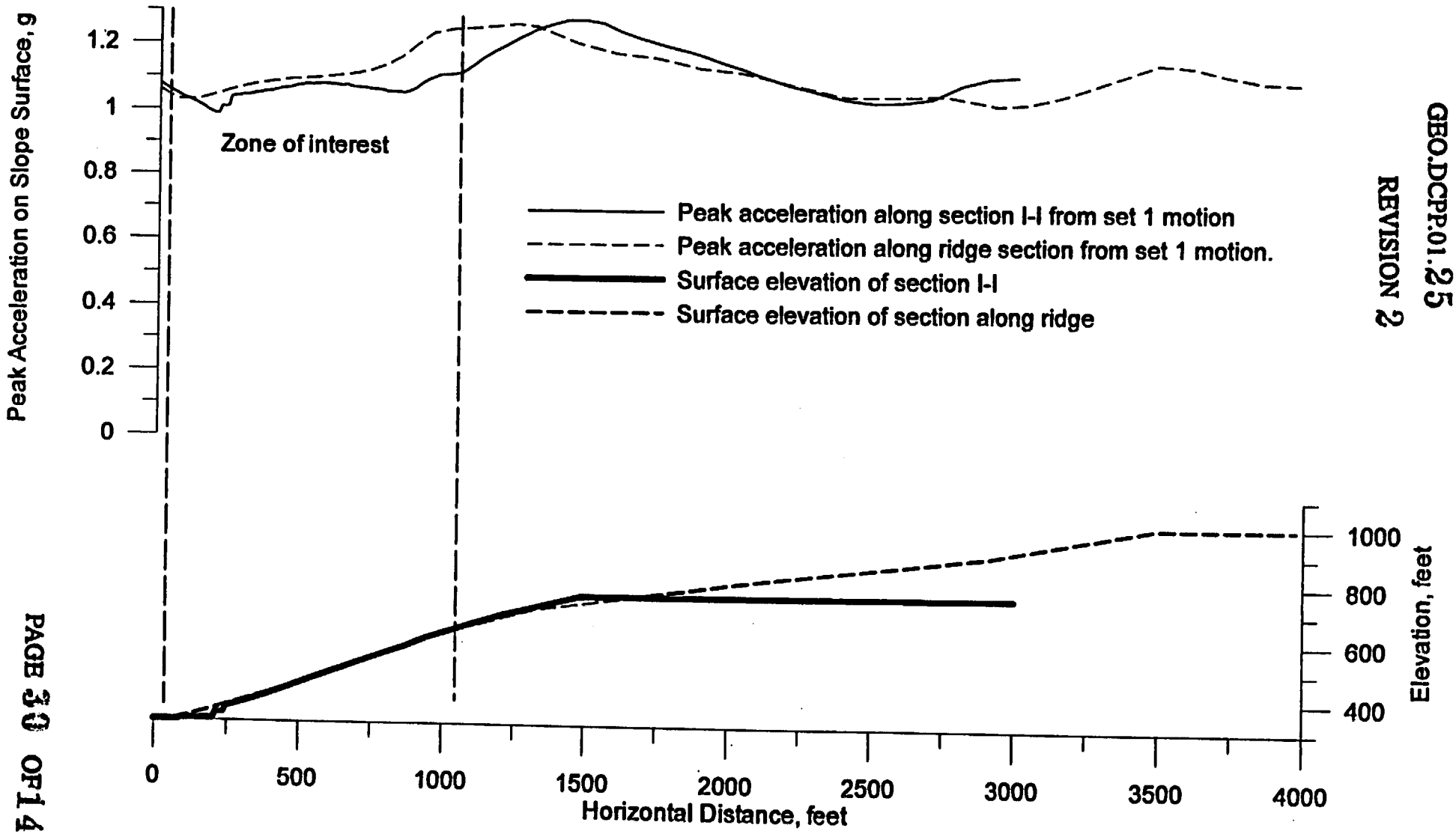

Figure 19. Variations of computed peak acceleration along slope surface.

ATTACHMENT 1

Pacific Gas and Electric Company

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245 Market Street, Room 418B
Mail Code N4C
P.O. Box 770000
San Francisco, CA 94177
415/973-2792
Fax 415/973-5778

GEO.DCPP.01.25
REVISION 2

Dr. Faiz Makdisi
Geomatrix Consultants
2101 Webster Street
Oakland, CA 94612

September 28, 2001

Re: Confirmation of transmittal of inputs for DCPP ISFSI slope stability analyses

DR. MAKDISI:

This is to confirm transmittal of inputs related to slope stability analyses you are scheduled to perform for the Diablo Canyon Power Plant (DCPP) Independent Spent Fuel Storage Installation (ISFSI) under the Geomatrix Work Plan entitled "Laboratory Testing of Soil and Rock Samples, Slope Stability Analyses, and Excavation Design for the Diablo Canyon Power Plant Independent Spent Fuel Storage Installation Site."

Inputs transmitted include:

Drawing entitled "Figure 21-19, Cross Section I-I'," dated 9/27/01, labeled "Draft," and transmitted to you via overnight mail under cover letter from Jeff Bachhuber of WLA and dated 9/27/01.

Time histories in Excel file entitled "time_histories_3comp_rev1.xls," dated 8/17/2001, file size 3,624 KB, which I transmitted to you via email on 8/17/2001.

Please confirm receipt of these items and forward confirmation to me in writing.

Please note that both these inputs are preliminary until the calculations they are part of have been fully approved. At that time, I will inform you in writing of their status. These confirmation and transmittal letters are the vehicles for referencing input sources in your calculations.

Although the Work Plan does not so state, as you are aware all calculations are required to be performed as per Geosciences Calculation Procedure GEO.001, entitled "Development and Independent Verification of Calculations for Nuclear Facilities," revision 3. All of your staff assigned to this project have been previously trained under this procedure.

I am also attaching a copy of the Work Plan. Please make additional copies for members of your staff assigned to this project, review the Work Plan with them, and have them sign Attachment 1. Please then make copies of the signed attachment and forward to me.

If you have any questions, feel free to call.

Thanks.

Rob White

ROBERT K. WHITE

Attachment

cc: Chris Hartz

ATTACHMENT 2

WLA

William Lettis & Associates, Inc.
1777 Botelho Drive, Suite 262, Walnut Creek, California 94596
Voice: (925) 256-6070 FAX: (925) 256-6076

MEMORANDUM

GEO.DCPP.01.25

REVISION 2

TO: Dr. Faiz Makdisi - Geomatrix Consultants, Inc.
FROM: Jeff L. Bachhuber - William Lettis & Associates, Inc.
DATE: August 3, 2001

RE: Ground Motion Directional Components

FAIZ:

At the request of Robert K. White of PG&E Geosciences Department, we prepared this memorandum that documents our review of ground motion directional components for slope stability analyses at the PG&E DCPP ISFSI site. It is our understanding that you will be rotating ground motions developed by PG&E to the best-estimated downslope failure direction and require an appropriate rotation angle from the Hosgri fault parallel direction.

Based on our geologic characterization, the most likely slope failure direction would be along cross section I-I' on the attached figure 21-3, or along an azimuth orientation of about 302° ±10°. We believe that this value is conservatively realistic.

Please call me if you have any questions or require further input for this issue.

Cc: Rob White/Bill Page - PG&E Geosciences

ATTACHMENT 3

WLA
William Lettis & Associates, Inc.
1777 Botelho Drive, Suite 262, Walnut Creek, California 94596
Voice: (925) 256-6070 FAX: (925) 256-6076

MEMORANDUM

GEO.DCPP.01.25

REVISION 2

TO: Dr. Faiz Makdisi - Geomatrix Consultants, Inc.
FROM: Jeff L. Bachhuber - William Lettis & Associates, Inc.
DATE: August 23, 2001

RE: Revised Estimates for Hosgri Fault Azimuth, DCPP ISFSI Project

FAIZ:

This memorandum provides a revised strike azimuth of 338° for the Hosgri fault for evaluation of ground motion directional components for slope stability analyses at the PG&E DCPP ISFSI site. The revised azimuth presented in this memorandum supercedes the previous estimated azimuths (328° to 335°) presented in our memorandum dated August 8, 2001, and is based on a re-evaluation of fault maps in the PG&E LTSP (1988), and ISFSI project Calculation Package GEO.01.21.

The revised estimated average strike for the Hosgri fault nearest the ISFSI site (between Morro Bay and San Luis Bay) is 338°. Figure 21-23 of Calculation Package GEO.01.21, which previously showed an azimuth of 340° for the Hosgri fault, will be revised to correspond to this re-interpreted average strike. Discrete faults and local reaches of the fault zone exhibit variations in strike azimuth between about 328° and 338°, but the average overall strike of 338° is believed to be the best approximation for the ground motion modeling.

Please call me if you have any questions or require further input for this issue.

Jeff Bachhuber

Cc: Rob White/Bill Page - PG&E Geosciences

ATTACHMENT 4

Pacific Gas & Electric Company
Geosciences Department

P.O. Box 770000, Mail Code N4C
San Francisco, CA 94177
Fax: (415) 973-5778

TELEFAX COVER SHEET

Date: Oct 18 '01

Number of pages including cover sheet: 3

To:
Faiz Makdisi
Company: Geomatrix

Phone: (510) 663-4100
Fax: (510) 663-4141
cc:

From:
Joseph Sum
Company: PG&E

Phone: (415) 973-2460
Fax: (415) 973-5778

REMARKS: ☐ Per request ☐ For review ☐ Reply ASAP ☐ Please comment

Faiz,

The fault parallel with fling ground motions positive is to the southeast. We will follow up with a formal transmittal of the calc package to you

Joseph

c:\data\forms\fax cover.doc

PACIFIC GAS AND ELECTRIC COMPANY
GEOSCIENCES DEPARTMENT
CALCULATION DOCUMENT

Calc Number GEO.DCPP.01.14
Revision 1
Date October 15, 2001
Calc Pages: 26
Verification Method: A
Verification Pages: 17 & 8 Attachments

TITLE: Development of time histories with Fling

PREPARED BY: _____ DATE October 15, 2001
Norman Abrahamson — Geosciences
Printed Name — Organization

VERIFIED BY: _____ DATE October 15, 2001
Joseph Sun — Geosciences.
Printed Name — Organization

APPROVED BY: _____ DATE 10/15/01
Lloyd Cluff — Geosciences
Printed Name — Organization

REGISTERED GEOLOGIST
LLOYD S. CLUFF
No. 1725
STATE OF CALIFORNIA
Expires: 12/31/02

REGISTERED GEOLOGIST
LLOYD S. CLUFF
No. EG567
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA
Expires: 12/31/02

6. BODY OF CALCULATIONS

Step 1: S-wave arrival times

The approximate arrival times of the S-waves is estimated by visual inspection of the velocity time histories (Figures 1, 2, 3, 4, and 5). The selected arrival times are listed in Table 6-1.

Table 6- 1. Time of Fling

Set	Reference Time History	Approximate Arrival time of S-waves	Arrival Time of fling (t_1) (sec)	Polarity*
1	Lucerne	8.0	7.1	-1
2a	Yarimca	9.0	8.5	-1
3	LGPC	4.0	3.4	-1
5	El Centro (1940)	1.5	0.0	1
6	Saratoga	4.5	3.7	-1

* The polarity is applied to the fault parallel time history from calculations GEO.DCPP.01.13 (rev 1) to cause constructive interference between the S-wave and the fling (eq. 5-2).

A fling arrival time is selected by visual inspection of the interference of the velocity of the transient motion and the fling (Figures 1, 2, 3, 4, and 5). The selected fling arrival time are listed in Table 6-1.

Since DCPP is on the east side of the Hosgri fault and the fault has right-lateral slip, the permanent tectonic deformation at the site will be to the southeast. In the time histories the fling has a positive polarity. Since the tectonic deformation will be to the southeast, the positive direction of the fault parallel time history is defined to the southeast.

Step 2: Fling Time History

Using the values of A, ω, and T_{fling} given in input 4-1, and the values of t_1 given in Table 6-1, the fling time history is determined using eq. (5-1). The computed fling time histories for the 5 sets are shown in Figures 1, 2, 3, 4, and 5.

ATTACHMENT 5

Pacific Gas and Electric Company

Geosciences
245 Market Street, Room 418B
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San Francisco, CA 94177
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Fax 415/973-5778

GEO.DCPP.01.25

REVISION 1

DR. FAIZ MAKDISI
GEOMATRIX CONSULTANTS
2101 WEBSTER STREET
OAKLAND, CA 94612

October 25, 2001

Re: Input parameters for calculations

DR. MAKDISI:

As required by Geosciences Calculation Procedure GEO.001, entitled "Development and Independent Verification of Calculations for Nuclear Facilities," rev. 4, I am providing you with the following input items for your use in preparing calculations.

1. The shear wave velocity profiles obtained in borings BA98-1 and BA98-3 in 1998 are presented in Figure 21-42, attached, of Calculation GEO.DCPP.01.21, entitled "Analysis of Bedrock Stratigraphy and Geologic Structure at the DCPP ISFSI Site," rev. 0, and can be so referenced. These profiles were previously presented in Figure 10 of the WLA report entitled "Geologic and Geophysical Investigation, Dry Cask Storage Facility, Borrow and Water Tank Sites," dated January 5, 1999.

2. The average unit weight of rock obtained from the hillside has been determined to be 140 pounds per cubic foot, as documented in a data report entitled "Rock Engineering Laboratory Testing - GeoTest Unlimited."

3. Regarding the time histories provided to you on 8/17/01, since the tectonic deformation will be to the southeast, the positive direction of the fault parallel time history is defined as to the southeast, as described in Geosciences Calculation GEO.DCPP.01.14, entitled "Development of Time Histories with Fling," rev. 1, page 4.

4. The source of the shear modulus and damping curves are Figures Q19-22 and Q19-23, attached, from PG&E, 1989, Response to NRC Question 19 dated December 13, 1988, and can be so referenced.

Regarding format of calculations, please observe the following:

Contents of CD-ROMs attached to calculations should be listed in the calculation including title, size, and date saved associated with each file on the CD-ROM. If the number of files is considerable, a simple screen dump of the CD-ROM contents is sufficient.

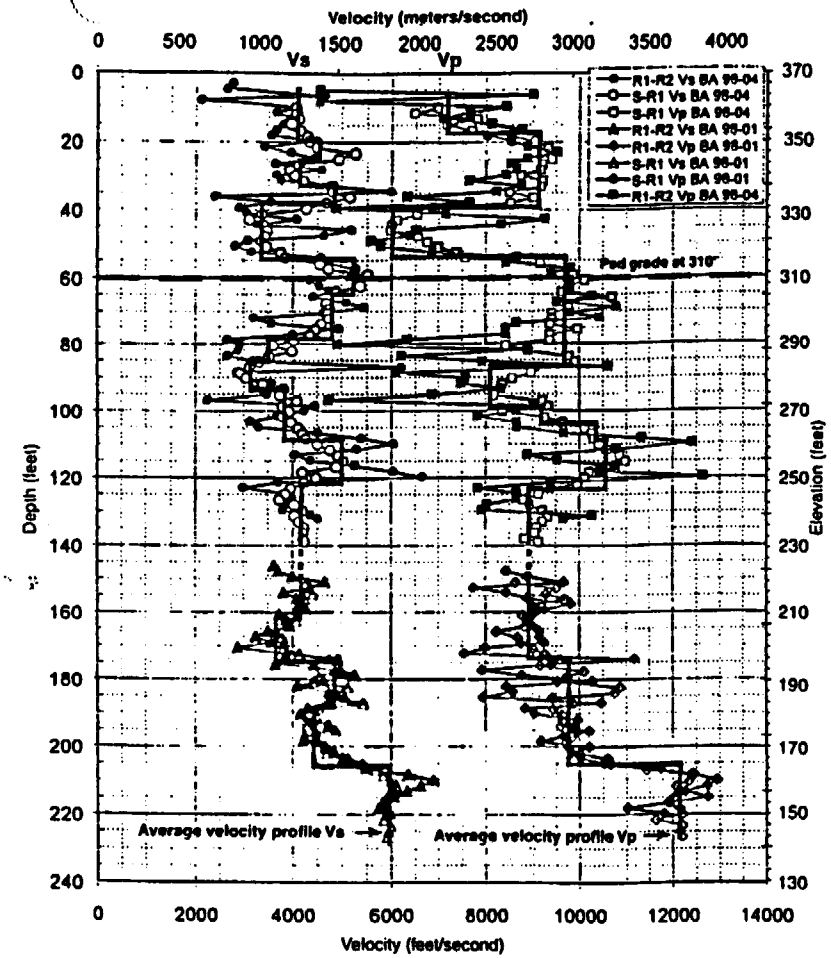
If you have any questions regarding the above, please call me.

Robert K White

ROBERT K. WHITE

Attachments

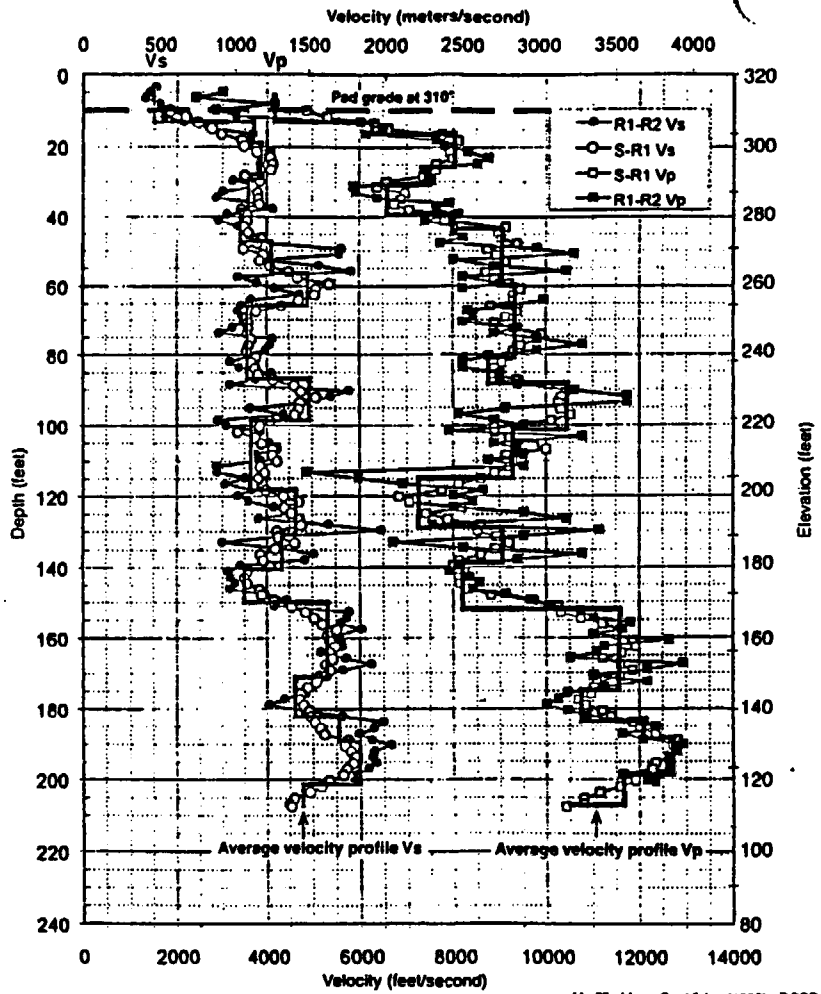
Borings 98BA-1 and 98BA-4



Note: Average velocity profiles interpreted from data.

R1 - R2 = Receiver-to-receiver velocity (3.3-foot spacing)
S-R1 = Source-to-receiver velocity (10.3-foot spacing)

Boring 98BA-3



Modified from GeoVision (1998), DCPP ISFSI SAR Section 2.6 Topical Report Appendix C

DIABLO CANYON ISFSI

FIGURE 21-42
ISFSI SITE SUSPENSION LOGS AND INTERPRETED AVERAGE SEISMIC VELOCITIES

GEO.DCPP.01.21 REV 0

October 15, 2002

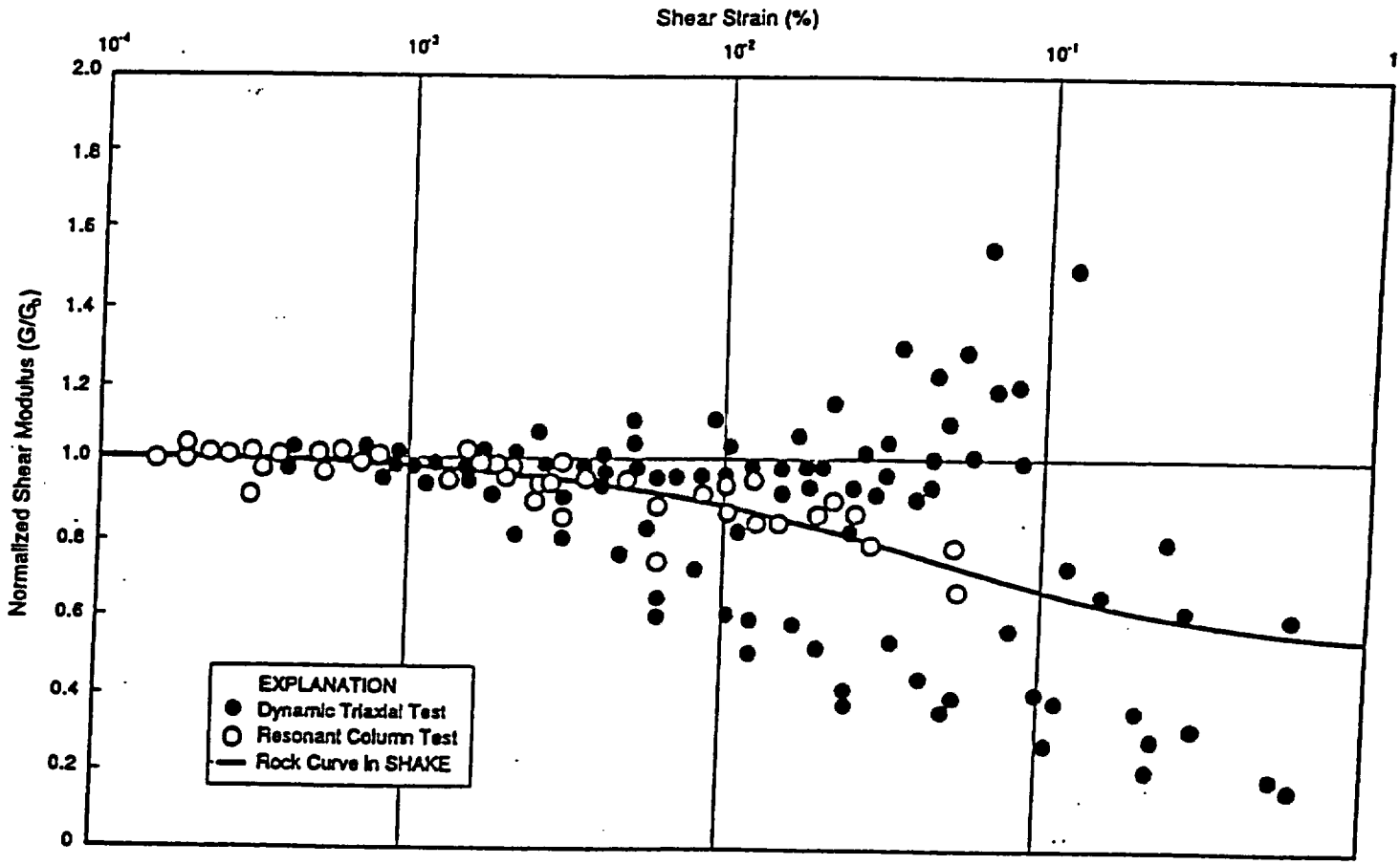


Figure Q19-22

Variation of shear modulus with shear strain for the site rock based on 1978 laboratory test data.

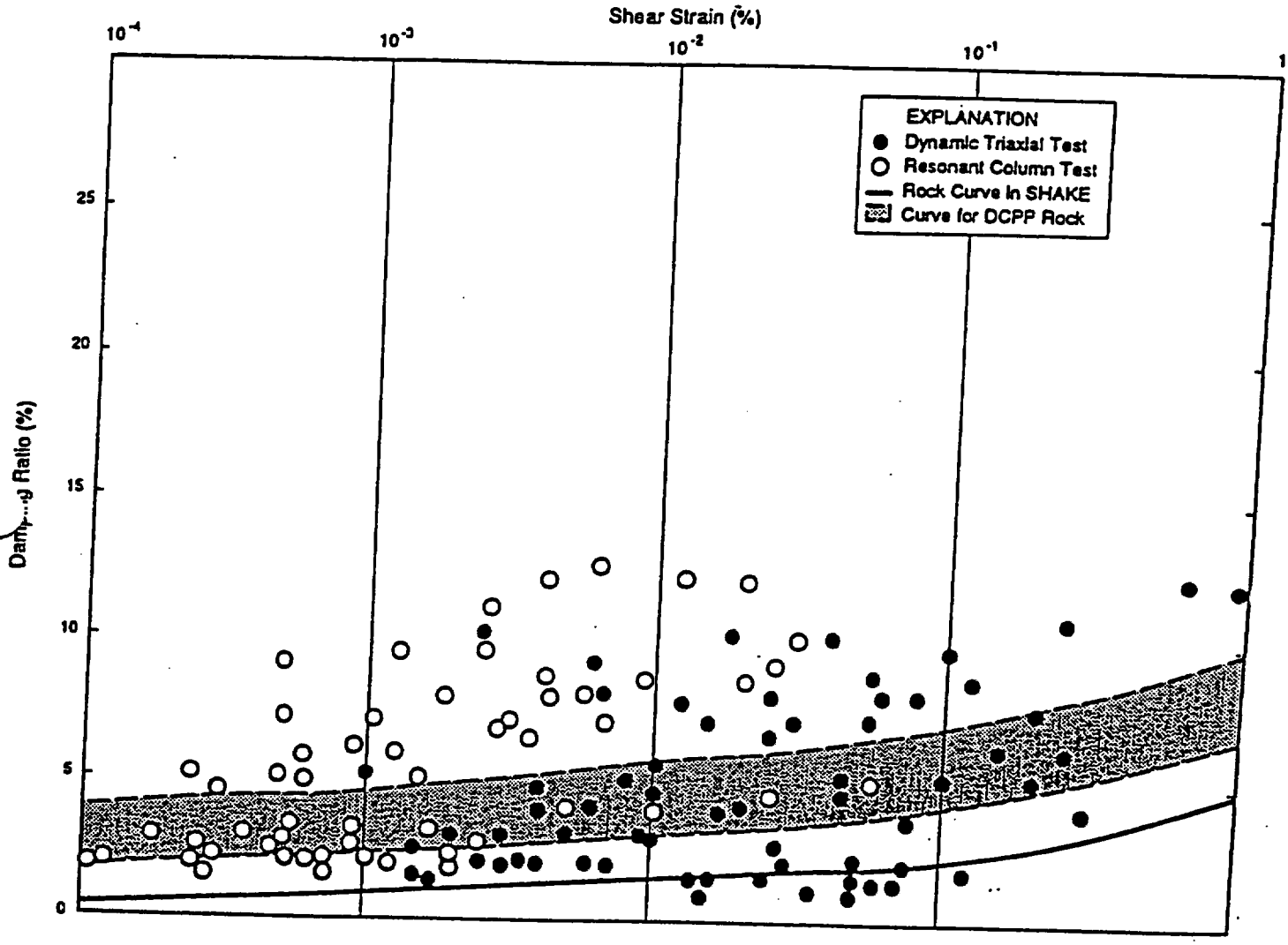


Figure Q19-23

Variation of damping ratio with shear strain for the site rock based on 1977 laboratory test data.

ATTACHMENT 6

Pacific Gas and Electric Company

Geosciences
245 Market Street, Room 418B
Mail Code N4C
P.O. Box 770000
San Francisco, CA 94177
415/973-2792
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GEO.DCPP.01.25

REVISION 2

DR. FAIZ MAKDISI
GEOMATRIX CONSULTANTS
2101 WEBSTER STREET
OAKLAND, CA 94612

October 31, 2001

Re: Confirmation of preliminary inputs to calculations for DCPP ISFSI site

DR. MAKDISI:

A number of inputs to calculations for the DCPP ISFSI slope stability analyses have been provided to you in a preliminary fashion. This letter provides confirmation of those inputs in a formal transmittal. A description of the preliminary inputs and their formal confirmation follow.

Letter to Faiz Makdisi from Rob White dated June 24, 2001. Subject: Recommended rock strength design parameters for DCPP ISFSI site slope stability analyses.

This letter recommended using $\phi = 50$ degrees for the preliminary rock strength envelope in your stability analyses, and indicated that this value would be confirmed once calculations had been finalized and approved. Calculations GEO.DCPP.01.16, rev. 0, and GEO.DCPP.01.19, rev. 0, are approved and this recommended value is confirmed.

Letter to Faiz Makdisi from Rob White dated September 28, 2001. Subject: Confirmation of transmittal of inputs for DCPP ISFSI slope stability analyses.

This letter provided confirmation of transmittal of cross section I-I' and time histories, and indicated that these preliminary inputs would be confirmed once calculations had been approved. Calculation GEO.DCPP.01.21, rev. 0, is approved and section I-I' as described in the September 28 letter is confirmed. A copy of the figure from the approved calculation is attached. Calculations GEO.DCPP.01.13, rev. 1, and GEO.DCPP.01.14, rev. 1, are both approved and time histories as described in the September 28 letter are confirmed. A CD of the time histories from the approved calculations is attached.

ltr2fm3.doc:rkw:10/31/01

Email to Faiz Makdisi from Joseph Sun dated October 24, 2001. Subject: Ground motion parameters for back calculations.

This email provided input for a back calculation to assess conservatism in clay bed properties in the slope. Inputs included maximum displacement per event of 4 inches and a factor of 1.6 with which to multiply ground motions for use in the back calculation analysis. This letter confirms those input values, with the following limitation: these values have not been developed under an approved calculation, therefore should not be used to directly determine clay bed properties for use in forward analyses, but may be used for comparative purposes only, to assess the level of conservatism in those clay bed properties determined in approved calculations

Letter to Faiz Makdisi from Jeff Bachhuber dated October 10, 2001. Subject: Transmittal of Revised Rock Mass Failure Models – DCPP ISFSI Project.

This letter provided you with figures indicating potential rock mass failure models as superimposed on section I-I'. This letter confirms PG&E approval to use these models in your analyses. These figures are labeled drafts and are currently being finalized in a revision to Calculation GEO.DCPP.01.21. Once this revision and the included figures have been approved, I will inform you in writing of their status.

Rob White

ROBERT K. WHITE

Attachments

ATTACHMENT 7

Pacific Gas and Electric Company

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GEO.DCPP.01.25

REVISION 1

DR. FAIZ MAKDISI
GEOMATRIX CONSULTANTS
2101 WEBSTER STREET
OAKLAND, CA 94612

November 1, 2001

Re: Confirmation of additional inputs to calculations for DCPP ISFSI site

DR. MAKDISI:

Additional inputs to calculations for the DCPP ISFSI slope stability analyses have been provided to you by Jeff Bachhuber of William Lettis Associates. This letter provides confirmation of our acceptance of those inputs in a formal transmittal. A description of those additional inputs and their formal acceptance follow.

Letter to Faiz Makdisi from Jeff Bachhuber dated August 3, 2001. Subject: Ground Motion Directional Components.

This letter recommended using an azimuth of 302 degrees plus or minus 10 degrees for the orientation of the most likely failure surfaces, coinciding with Section I-I'. We concur with this recommendation based on the discussion on page 53 of the approved Calculation GEO.DCPP.01.21, rev. 0, and verification of the orientation of Section I-I' on Calculation Figure 21-4, attached.

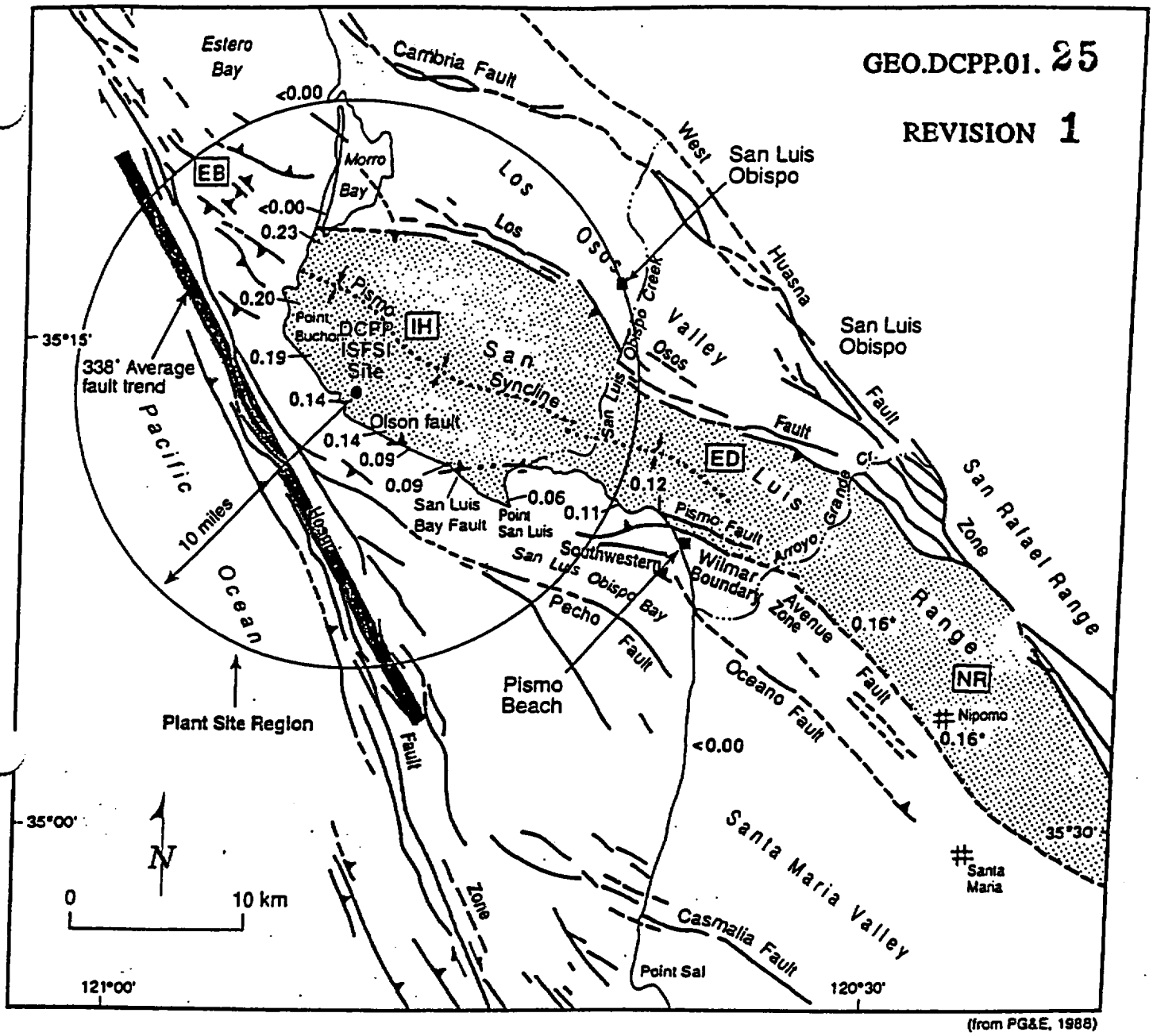
Letter to Faiz Makdisi from Jeff Bachhuber dated August 23, 2001. Subject: Revised Estimates for Hosgri Fault Azimuth, DCPP ISFSI Project.

This letter recommended using an azimuth of 338 degrees for the orientation of the average strike of the Hosgri fault. We concur with this recommendation, based on verification of the orientation as presented in the LTSP plates and as shown on Figure 21-36, attached, of Calculation GEO.DCPP.01.21, rev. 0.

Rob White

ROBERT K. WHITE

Attachments



(from PG&E, 1988)

Explanation

Fault: dashed where approximately located; teeth indicate dip direction of reverse fault; arrows indicate relative sense of displacement

Syncline axial trace

0.14 Late Pleistocene (post 120,000 years ago) uplift rate (meters/1000 yr)

0.16* Uplift rate (meters/1000 yr) based on the altitude and estimated age (560,000 years) of the Q7 marine terrace

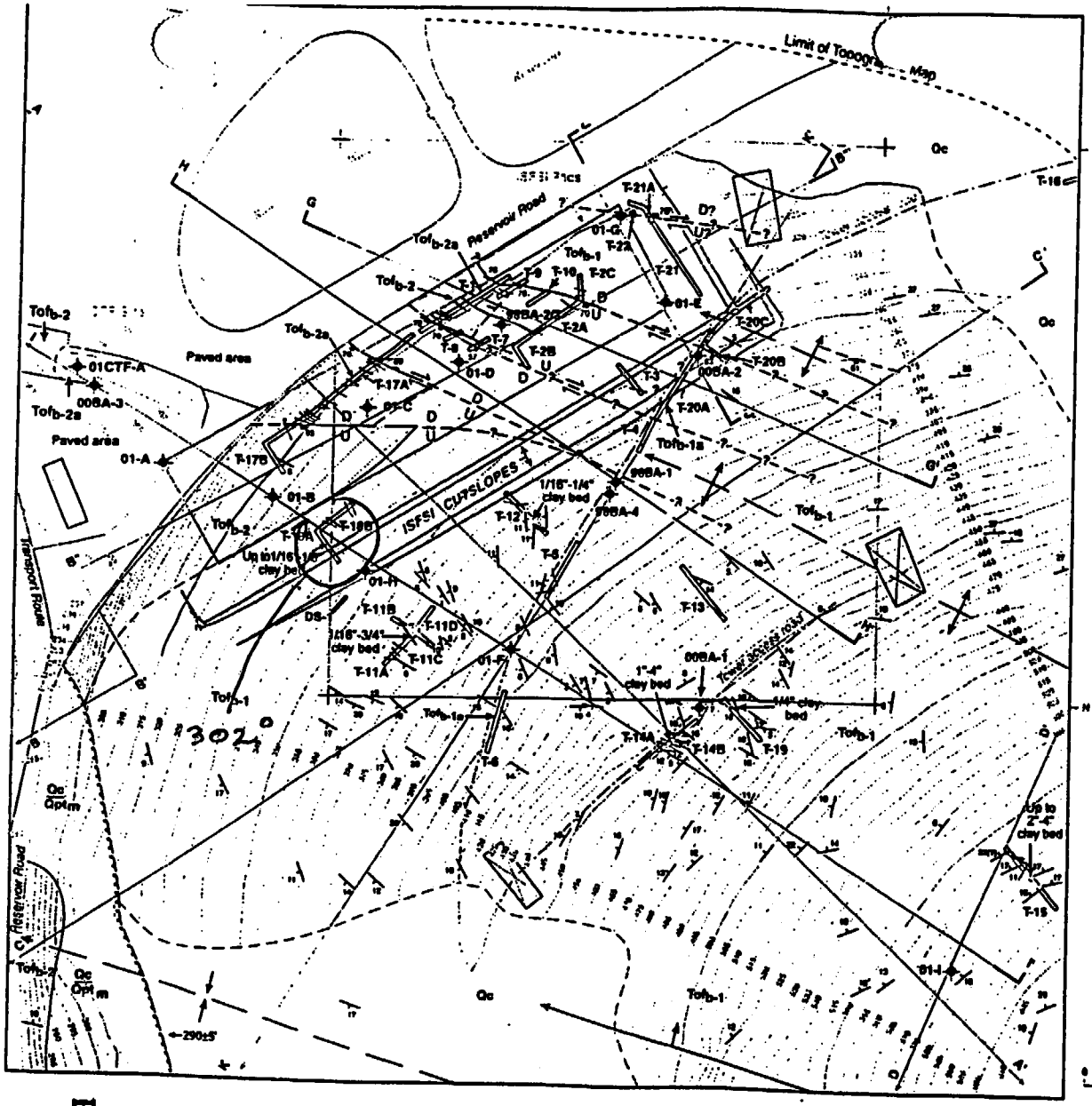
EB Estero Bay Subblock

IH Irish Hills Subblock

ED Edna Subblock

NR Newsom Ridge Subblock

SAFETY ANALYSIS REPORT
DIABLO CANYON ISFSI
FIGURE 21-36 REGIONAL STRUCTURE MAP



Qpt m — Manne terrace deposit (overlain by Qc)

Obispo Formation (lower and middle Miocene)

DOLOMITE SUBUNIT

Tofb-1 — Dolomite, clayey dolomite, dolomitic siltstone to fine-grained dolomitic sandstone, and limestone. The subunit contains occasional discontinuous to continuous (lens to hundreds of feet) clay beds that are generally 1/32 to 1/2-inch thick, but locally are thicker. Rocks in this unit are moderately- to well-cemented, medium hard, moderately to slightly weathered, brittle and typically medium strong.

Tofb-1a — Friable (poorly cemented) dolomite and dolomitic rocks of subunit Tofb-1. These rocks typically have low hardness, are very weak to weak, and occur as discontinuous zones where weathering and/or alteration has been concentrated.

SANDSTONE SUBUNIT

Tofb-2 — Dolomitic medium- to coarse-grained sandstone (arkose to arenitic), and altered sandstone; detrital clasts are composed primarily of dolomitized feldspars, marine fossil fragments, and volcanic rock fragments. Discontinuous clay layers that are generally less than 1/2-inch thick occur locally within the subunit. The rocks are of low to medium hardness, moderately- to well-cemented and typically medium strong.

Tofb-2a — Friable (poorly cemented) dolomitic sandstone and sandstone of subunit Tofb-2. These rocks typically are of low hardness and are very weak to weak, and occur as discontinuous zones in places where weathering and/or alteration has been concentrated.

Strike and dip of bedding

U D 80 — Minor fault, dip indicated, dashed where inferred, queried where uncertain, arrows show sense of movement, U-upthrown, D-downthrown.

Small, secondary faults exposed in trench

Clay beds, thickness indicated

Geologic contact, solid line where well-defined, dashed where approximate

01-C — Boring for ISFSI, number indicated (initial number is year drilled)

A A' — Geologic cross section, arrows indicate end of line is off the map area

T-4 — Exploratory trench, number indicated

DS-1 — Discontinuity survey line in bulldozer cut

Footprint of 500 kV tower

Outline of ISFSI Pads and CTF site

Proposed cut slope above ISFSI Pads

Axis of anticline, solid arrow shows plunge, dashed where approximate

Axis of syncline, solid arrow shows plunge, dashed where approximate

Axis of monocline, solid arrow shows plunge, dashed where approximate

Shoreline angle of marine terrace wave-cut platform (buried), elevation indicated (Og terrace; see Figure 21-24)

290±5'

ISFSI Cutslope is a schematic representation and is not final.

DIABLO CANYON ISFSI

FIGURE 21-4
GEOLOGIC MAP OF ISFSI AND CTF SITES

ATTACHMENT 8

LIST OF FILES FOR GEO.DCPP.01.25
REVISION 2

FILE NAME	DESCRIPTION	LINK
README_25.DOC	README file	
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SET5R46.ACC	required by SHAKE input file	SII5R46.INP
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SII1R46.OUT	output from SHAKE	SII1R46.INP
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LIST OF FILES FOR GEO.DCPP.01.25
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Marcia McLaren
12/20/02

LIST OF FILES FOR GEO.DCPP.01.25
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Marcia McLaren
12/20/02

SII1R46.INP

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 1.0        3.       10.0
 2.0        2.2       2.4       2.75      3.1       3.85      4.6       5.4
 6.2        6.2       6.2
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    4
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-.000242	.000022	.000079	-.000095	-.000400	-.000772	-.001026	-.001073
-.000817	-.000318	.000375	.001069	.001612	.001814	.001674	.001191
.000474	-.000452	-.001473	-.002545	-.003540	-.004435	-.005122	-.005613
-.005883	-.006003	-.005802	-.005432	-.004508	-.003214	-.001763	-.000610
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-.086219	-.085224	-.106939	-.146971	-.194644	-.237011	-.262381	-.262930
-.237587	-.193919	-.146718	-.115541	-.117725	-.157335	-.219402	-.275712

-.297824	-.273758	-.213868	-.143985	-.091623	-.068985	-.074523	-.099864	237
-.135108	-.174102	-.214273	-.255387	-.293442	-.318560	-.322270	-.306636	238
-.283066	-.264155	-.256231	-.258733	-.266173	-.271643	-.271447	-.268369	239
-.268431	-.274713	-.282289	-.279967	-.255782	-.204040	-.128614	-.046552	240
.016088	.037204	.012123	-.043798	-.103879	-.145412	-.161530	-.161476	241
-.161625	-.177032	-.211608	-.255952	-.294670	-.317819	-.325897	-.326029	242
-.325691	-.330515	-.341906	-.357333	-.374254	-.394140	-.418313	-.444323	243
-.466601	-.479785	-.479962	-.466794	-.443567	-.417695	-.397984	-.390388	244
-.396233	-.409179	-.426814	-.441467	-.445043	-.433845	-.410509	-.382405	245
-.358204	-.345334	-.343282	-.343276	-.335402	-.314678	-.278069	-.224427	246
-.159390	-.097141	-.050420	-.026484	-.030122	-.063078	-.125285	-.206454	247
-.289750	-.356169	-.392736	-.388693	-.342322	-.269138	-.182012	-.097673	248
-.022055	.036694	.074769	.095148	.102875	.100922	.099815	.105838	249
.104555	.104981	.117639	.132838	.160547	.196190	.221765	.233279	250
.231516	.193839	.126095	.064986	.015337	-.034712	-.069591	-.090934	251
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-1.033376	-.981699	-.970455	-.934954	-.969198	-.956965	-.973670	-.767377	254
-.753149	-.705899	-.651794	-.655768	-.647301	-.614383	-.600757	-.569517	255
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-.170961	-.001837	.130256	.205223	.234442	.242149	.246123	.257351	257
.290350	.335982	.369410	.382270	.419873	.439429	.450951	.442078	258
.415185	.371613	.311726	.245993	.190052	.147093	.116036	.094039	259
.071167	.048398	.027822	.007610	-.011851	-.029674	-.037108	-.026277	260
.022554	.118070	.242175	.379841	.507855	.605665	.666652	.691290	261
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.698772	.825801	.821890	.394306	.247474	.096789	-.041188	-.141565	263
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.590859	.652795	.687712	.707535	.722413	.731417	.726066	.694287	265
.636856	.564659	.492205	.437764	.410829	.405495	.407430	.403814	266
.391973	.378710	.375503	.391553	.428402	.480231	.536769	.589718	267
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.213082	.250737	.300850	.346581	.376027	.386201	.381097	.366376	272
.344610	.314936	.277783	.238406	.207510	.196220	.209430	.241298	273
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.313008	.296942	.281972	.267781	.254743	.241819	.226984	.207938	294
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.124714	.120399	.132896	.165896	.214307	.265033	.304681	.325868	342
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.172247	.192079	.205973	.216520	.227015	.243677	.265067	.287473	442
.304896	.313426	.311974	.302942	.292560	.287573	.290419	.297811	443
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.159683	.134951	.087612	.027605	-.034162	-.089177	-.133045	-.168707	446
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.215399	.239828	.250918	.247342	.233882	.215566	.193235	.163656	452
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-.194592	-.155504	-.126459	-.111735	-.111777	-.123461	-.142091	-.163256	459
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-.100151	-.115037	-.134381	-.153788	-.166283	-.166748	-.154312	-.133414	480
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.171636	.182653	.189101	.194091	.198651	.202474	.206102	.209816	515
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.206451	.199213	.186756	.177856	.180197	.196844	.225474	.259159	562
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-.187293	-.192205	-.183511	-.164953	-.142823	-.124193	-.112354	-.106239	647
-.101094	-.092325	-.078124	-.059955	-.040978	-.024375	-.011051	-.003278	648
.003020	.008978	.015782	.022855	.028069	.029262	.026386	.021310	649
.016529	.014295	.017071	.026749	.043624	.065942	.090524	.113400	650
.131166	.141305	.142233	.133166	.114211	.086257	.051401	.012768	651
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-.035216	-.009143	.012788	.030091	.043861	.056582	.071219	.089360	653
.110708	.133431	.155809	.177178	.197098	.217630	.235050	.248492	654
.256304	.256621	.248292	.231614	.208669	.182334	.154824	.127340	655
.101074	.076748	.054776	.035562	.020128	.010037	.006490	.008875	656
.014675	.020173	.022352	.019772	.013053	.004627	-.002306	-.005446	657
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.007255	.007770	.011023	.010958	.002974	-.013682	-.035474	-.058239	661
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.115065	.102027	.088240	.075903	.065538	.057043	.050861	.047078	667
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.017677	.009963	.004041	-.000393	-.004901	-.010833	-.018224	-.025794	717
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.004381	.013956	.018171	.016894	.011746	.006097	.003811	.006906	725
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-.009517	-.009182	-.013218	-.020616	-.029106	-.036599	-.042005	-.045122		1053
-.046224	-.045958	-.044425	-.041210	-.035709	-.028069	-.019786	-.010712		1054
-.003222	.002845	.008393	.014042	.020597	.027979	.035619	.042227		1055
.046373	.047184	.044684	.039448	.032027	.026418	.021681	.019367		1056
.019305	.020149	.020352	.018965	.015942	.011756	.007287	.002894		1057
-.001592	-.006132	-.009997	-.012330	-.012369	-.010411	-.007007	-.005014		1058
-.003555	-.003992	-.006258	-.009490	-.011986	-.012487	-.010427	-.005141		1059
.002065	.011330	.020532	.027769	.032051	.033398	.032606	.030923		1060
.029818	.029773	.030072	.029591	.027882	.024726	.020293	.015325		1061
.010799	.007046	.003983	.001665	.000578	.001027	.003426	.007975		1062
.014290	.021424	.028310	.033478	.035890	.035782	.034382	.032764		1063
.031929	.032177	.033142	.034229	.035236	.036136	.037035	.037913		1064
.038719	.039064	.038521	.036718	.033912	.030677	.026971	.021767		1065
.014592	.005940	-.002942	-.010220	-.013532	-.011701	-.006046	.001318		1066
.008104	.012468	.013629	.011849	.007070	.002477	-.002804	-.006873		1067
-.009011	-.009624	-.008800	-.006504	-.002966	.001098	.005160	.009065		1068
.012958	.016438	.019145	.020926	.021871	.021774	.020569	.018235		1069
.014759	.010265	.005458	.001204	-.001629	-.002588	-.001530	.000838		1070
.003123	.004132	.003612	.001709	-.000409	-.001602	-.004602	.002688		1071
.007528	.012525	.016312	.017858	.016414	.012251	.005120	-.004084		1072
-.014413	-.024665	-.032992	-.037666	-.038046	-.035032	-.030178	-.025096		1073
-.020897	-.016533	-.010569	-.021031	-.025330	-.030769	-.036476	-.041503		1074
-.044562	-.044718	-.041706	-.036054	-.028770	-.021732	-.017198	-.016591		1075
-.019838	-.026181	-.034081	-.041512	-.046411	-.048820	-.046770	-.040547		1076
-.031136	-.020214	-.009183	.000740	.008364	.013039	.015228	.015918		1077
.015867	.015206	.014123	.013067	.012729	.013404	.015582	.019508		1078
.024688	.029734	.033382	.034198	.031517	.025567	.017663	.009167		1079
.001543	-.003898	-.006403	-.006940	-.005199	-.001755	.002304	.005160		1080
.005443	.002305	-.004490	-.013959	-.023631	-.031000	-.034347	-.033377		1081
-.029033	-.022849	-.015896	-.008627	-.001319	.005155	.009664	.012196		1082
.012170	.010491	.008380	.007788	.004728	.010730	.012315	.013830		1083
.009664	.006174	.002440	-.000678	-.003097	-.005579	-.009140	-.014296		1084
-.020335	-.025945	-.029859	-.031139	-.029004	-.023308	-.014646	-.004496		1085
.005482	.013805	.020088	.024582	.028310	.032418	.037547	.043067		1086
.047581	.049602	.048563	.044954	.040179	.035743	.032854	.031837		1087
.032150	.032644	.032565	.031549	.029425	.026175	.022709	.020239		1088
.019450	.020139	.021610	.022917	.023293	.022158	.019443	.015601		1089
.011488	.007506	.003612	-.000303	-.003745	-.006146	-.007472	-.008182		1090
-.008468	-.008609	-.008875	-.009359	-.009741	-.009997	-.010644	-.012510		1091
-.016020	-.021345	-.028060	-.035063	-.040519	-.043122	-.042597	-.039416		1092
-.034109	-.027354	-.019713	-.011740	-.004096	.002153	.006257	.007910		1093
.007600	.004413	.005439	.004988	.004665	.003682	.001974	.000287		1094
-.000394	.000095	.000995	.000894	-.001588	-.007406	-.016061	-.025767		1095
-.034499	-.041130	-.045468	-.048112	-.049823	-.050892	-.050630	-.048180		1096
-.043304	-.036883	-.030122	-.024430	-.020401	-.017464	-.014634	-.011667		1097
-.009022	-.007609	-.007339	-.009248	-.012735	-.016443	-.018870	-.019750		1098
-.019668	-.019054	-.018109	-.017641	-.018342	-.019957	-.021827	-.023405		1099
-.023947	-.023085	-.020968	-.018113	-.015048	-.012308	-.009977	-.008154		1100
-.007454	-.009020	-.013585	-.021289	-.031254	-.041936	-.050482	-.055154		1101

-.055282	-.051326	-.044273	-.035647	-.027180	-.020354	-.015817	-.013677		1102
-.013448	-.014197	-.014512	-.013338	-.010424	-.006443	-.002572	-.000012		1103
.000979	.000815	.000083	-.000836	-.001646	-.002252	-.002353	-.001804		1104
-.000676	.000644	.001647	.002082	.002394	.003443	.005827	.009120		1105
.012123	.013186	.011070	.005876	-.000702	-.006426	-.009407	-.008723		1106
-.004717	.001066	.006721	.010427	.011360	.009984	.007633	.005379		1107
.003751	.002642	.001801	.001139	.000863	.001023	.001705	.002801		1108
.003821	.003792	.002293	-.000292	-.003173	-.005785	-.007598	-.008301		1109
-.007596	-.005145	-.000649	.005554	.012832	.019871	.025151	.027472		1110
.026639	.023111	.017756	.011735	.006372	.002232	-.000628	-.002344		1111
-.002907	-.002090	.000484	.004551	.009512	.014766	.019515	.022609		1112
.023447	.023108	.021676	.019843	.018430	.017908	.018219	.019084		1113
.019909	.019427	.016062	.012428	.006974	.001552	-.002766	-.005760		1114
-.008142	-.011143	-.015702	-.022206	-.029967	-.037412	-.042866	-.043399		1115
-.044550	-.040517	-.034196	-.026983	-.020409	-.016065	-.014623	-.015572		1116
-.017588	-.019296	-.019625	-.018660	-.016406	-.014243	-.012439	-.011407		1117
-.011370	-.012240	-.013606	-.015229	-.016748	-.017661	-.017643	-.017000		1118
-.016199	-.015618	-.015156	-.014309	-.012521	-.009648	-.005893	-.001990		1119
.001820	.002719	.003671	.004673	.006322	.008597	.010746	.011364		1120
.009800	.006555	.002650	-.000984	-.003673	-.005570	-.007512	-.010280		1121
-.013784	-.017451	-.020446	-.021914	-.021343	-.019358	-.017161	-.015669		1122
-.015302	-.016292	-.018268	-.020512	-.022344	-.023246	-.022554	-.020013		1123
-.015972	-.011177	-.006330	-.002484	-.000519	-.000428	-.001134	-.001514		1124
-.000771	.001271	.004102	.006643	.008290	.008860	.008535	.007620		1125
.005784	.003303	.000161	-.003394	-.006599	-.007777	-.009604	-.009270		1126
-.008037	-.006216	-.004081	-.001812	.000587	.002567	.002352	.002362		1127
.000605	-.001031	-.001340	.000491	.005226	.011220	.017056	.021006		1128
.021835	.019644	.014882	.008758	.002506	-.003142	-.008244	-.011103		1129
-.017253	-.019608	-.019106	-.018464	-.009286	-.002209	.003621	.007186		1130
.007036	.003654	-.001360	-.006028	-.008597	-.008028	-.004078	.002538		1131
.010540	.018216	.023751	.026021	.025082	.021463	.016118	.010212		1132
.004564	-.000046	-.006086	-.010610	-.013580	-.014571	-.013388	-.010265		1133
-.006053	-.001898	.001813	.003915	.005740	.007891	.010638	.014110		1134
.017042	.019220	.020592	.021344	.021901	.022399	.022526	.021677		1135
.019464	.018052	.011370	.006887	.003180	.000599	-.000953	-.001872		1136
-.002626	-.003569	-.004742	-.006114	-.007610	-.008245	-.010710	-.011883		1137
-.011448	-.010242	-.008078	-.005382	-.002765	-.000793	-.000090	-.000010		1138
-.002582	-.004952	-.007743	-.010956	-.014359	-.017694	-.020507	-.022134		1139
-.021943	-.019724	-.015730	-.010930	-.006580	-.003735	-.002538	-.004105		1140
-.006686	-.009360	-.011175	-.011240	-.008805	-.003869	.002617	.009235		1141
.014691	.017820	.018045	.015568	.011118	.005595	.000115	-.004496		1142
-.007959	-.010495	-.012376	-.013634	-.013969	-.013097	-.010828	-.007977		1143
-.005192	-.003557	-.003631	-.005367	-.007910	-.010124	-.011327	-.011694		1144
-.010481	-.008041	-.004291	.000080	.004130	.006813	.007516	.006314		1145
.003701	.000217	-.003843	-.007204	-.010557	-.013463	-.015504	-.016116		1146
-.015658	-.012780	-.009983	-.007275	-.005010	-.003545	-.003042	-.002287		1147
-.003828	-.004391	-.004724	-.004653	-.004061	-.003102	-.002072	-.001398		1148
-.001284	-.001662	-.002299	-.003023	-.003627	-.003919	-.003810	-.003545		1149
-.003480	-.003613	-.003795	-.003810	-.003272	-.001796	.000610	.003218		1150
.005098	.005703	.005096	.003647	.002015	.000884	.000571	.000811		1151
.001220	.001406	.001395	.000995	.000753	.000991	.001634	.002398		1152
.003097	.003465	.003109	.001989	.000483	-.000799	-.001240	-.000552		1153
.001202	.003455	.005346	.005991	.003111	.003195	.001212	-.000081		1154
-.000385	.000119	.000921	.001496	.001640	.001457	.001288	.001416		1155
.001894	.002543	.003259	.003677	.003524	.002685	.001329	-.000246		1156
-.001650	-.002524	-.002564	-.001743	-.000327	.001247	.002644	.003594		1157
.003959	.003767	.003258	.002708	.002376	.002378	.002741	.003360		1158
.004088	.004776	.005394	.005951	.004485	.007044	.007594	.008030		1159
.008210	.007844	.007125	.005765	.004086	.002320	.000630	-.000934		1160
-.002429	-.004007	-.005662	-.007220	-.008418	-.009040	-.008594	-.008007		1161
-.006448	-.005108	-.003827	-.002661	-.001733	-.001083	-.000650	-.000383		1162
-.000187	-.000062	.000026	.000077	.000080	.000030	.000017	.000134		1163
.000431	.000844	.001207	.001272	.000915	.000188	-.000683	-.001445		1164
-.001845	-.001755	-.001251	-.000592	.000048	.000608	.001094	.001477		1165
.001769	.001987	.002164	.002342	.002576	.002853	.003128	.003277		1166
.003189	.002839	.002360	.001896	.001576	.001445	.001457	.001490		1167
.001467	.001362	.001244	.001188	.001206	.001253	.001348	.001319		1168
.001748	.001993	.002300	.002678	.003092	.003450	.003673	.003449		1169
.003368	.002824	.002411	.001867	.001361	.000907	.000442	-.000084		1170
-.000590	-.000993	-.001289	-.001542	-.001793	-.002066	-.002323	-.002528		1171
-.002675	-.002772	-.002754	-.002574	-.002237	-.001773	-.001179	-.000481		1172
.000242	.000977	.001649	.002250	.002737	.003064	.003256	.003341		1173
.003338	.003231	.003007	.002650	.002179	.001664	.001230	.000955		1174
.000858	.000901	.001022	.001128	.001175	.001178	.001183	.001220		1175
.001303	.001417	.001545	.001671	.001830	.002053	.002327	.002583		1176
.002792	.002955	.003105	.003264	.003442	.003590	.003643	.003543		1177
.003276	.002862	.002410	.002086	.002045	.002334	.002817	.003689		1178
.004500	.005171	.005578	.005669	.005449	.004949	.004241	.003501		1179
.002795	.002233	.001859	.001650	.001555	.001521	.001527	.001561		1180
.001630	.001734	.001856	.001949	.001967	.001872	.001680	.001457		1181
.001298	.001259	.001340	.001468	.001539	.001467	.001233	.000883		1182
.000500	.000161	-.000069	-.000169	-.000121	.000086	.000445	.000899		1183
.001386	.001868	.002329	.002740	.003072	.003293	.003372	.003274		1184
.002995	.002583	.002133	.001744	.001474	.001326	.001278	.001293		1185
.001349	.001434	.001554	.001690	.001840	.001972	.002045	.002058		1186
.002036	.002023	.002062	.002166	.002320	.002477	.002588	.002620		1187
.002578	.002489	.002401	.002344	.002317	.002308	.002301	.002273		1188
.002217	.002130	.002032	.001934	.001853	.001806	.001812	.001868		1189
.001969	.002090	.002226	.002326	.002384	.002392	.002359	.002302		1190
.002242	.002189	.002149	.002122	.002111	.002117	.002138	.002178		1191
.002205	.002231	.002237	.002214	.002168	.002113	.002069	.002050		1192
.002054	.002062	.002058	.002041	.002024	.002017	.002029	.002056		1193
.002080	.002080	.002048	.001995	.001937	.001891	.001866	.001858		1194
.001865	.001886	.001917	.001954	.001992	.002020	.002028	.002013		1195
.001961	.001944	.001909	.001881	.001864	.001859	.001864	.001879		1196
.001901	.001926	.001948	.001961	.001966	.001968	.001973	.001986		1197
.002008	.002035	.002064	.002087	.002102	.002107	.002104	.002097		1198
.002087	.002076	.002062	.002047	.002031	.002014	.002001	.001992		1199
.001989	.001990	.001996	.002003	.002009	.002011	.002008	.001998		1200
.001986	.001972	.001959	.001949	.001940	.001932	.001924	.001914		1201
.001903	.001891	.001879	.001867	.001857	.001847	.001838	.001830		1202
.001822	.001815	.001808	.001800	.001793	.001786	.001779	.001772		1203

SII1R46.OUT

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*********************************************
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**                                         **
** SHAKE -- A COMPUTER PROGRAM FOR         **
**          EARTHQUAKE RESPONSE ANALYSIS   **
**          OF HORIZONTALLY LAYERED SITES  **
**                                         **
**                                         **
** MS-DOS VERSION - CONVERTED TO IBM-PC BY **
**                  Shyh-Shiun Lai, UCC    **
**                  January 1985           **
**                                         **
** (Modified to Use 16384 Points and 100   **
**  Soil Layers, S.J. Chiou, August 1995)  **
**                                         **
*********************************************
*********************************************
Output file name : SII1R46.OUT
Start time : 19  /  /   --
Start time : 19  /  /   --

 MAX. NUMBER OF TERMS IN FOURIER TRANSFORM =     16384
 NECESSARY LENGTH OF BLANK COMMON X        =    102419
 EARTH PRESSURE AT REST FOR SAND           =     0.700
1******   OPTION  9  ***  READ RELATION BETWEEN SOIL PROPERTIES AND STRAIN

   CURVES FOR RELATION STRAIN VERSUS SHEAR MODULUS AND DAMPING
```

MATL TYPE	STRAIN (%)	MOD RED CO	STRAIN (%)	DAMP FACTR
1	0.000100	1.000	0.000100	2.0
1	0.000300	1.000	0.000300	2.2
1	0.001000	0.988	0.001000	2.4
1	0.003000	0.952	0.003000	2.8
1	0.010000	0.900	0.010000	3.1
1	0.030000	0.810	0.030000	3.8
1	0.100000	0.725	0.100000	4.6
1	0.300000	0.640	0.300000	5.4
1	1.000000	0.550	1.000000	6.2
1	3.000000	0.550	3.000000	6.2
1	10.000000	0.550	10.000000	6.2

```
1******   OPTION  2  ***  READ SOIL PROFILE

     NEW SOIL PROFILE NO.  1      IDENTIFICATION   Diablo Canyon, I-I SECTION W/ CUT 8

0NUMBER OF LAYERS                  26          DEPTH TO BEDROCK        301.00
 NUMBER OF FIRST SUBMERGED LAYER   26          DEPTH TO WATER LEVEL    301.00
```

LAYER	TYPE	MAX-MOD	THICKNESS	DEPTH	EFF. PRESS.	MODULUS	DAMPING	UNIT WEIGTH	SHEAR VEL	SVMAX
1	1	69565.219	11.00	5.50	0.770	69565.219	0.0200	0.1400	4000.000	4000.000
2	1	69565.219	10.00	16.00	2.240	69565.219	0.0200	0.1400	4000.000	4000.000
3	1	69565.219	10.00	26.00	3.640	69565.219	0.0200	0.1400	4000.000	4000.000
4	1	69565.219	10.00	36.00	5.040	69565.219	0.0200	0.1400	4000.000	4000.000
5	1	69565.219	10.00	46.00	6.440	69565.219	0.0200	0.1400	4000.000	4000.000
6	1	69565.219	10.00	56.00	7.840	69565.219	0.0200	0.1400	4000.000	4000.000
7	1	69565.219	10.00	66.00	9.240	69565.219	0.0200	0.1400	4000.000	4000.000
8	1	69565.219	10.00	76.00	10.640	69565.219	0.0200	0.1400	4000.000	4000.000
9	1	69565.219	10.00	86.00	12.040	69565.219	0.0200	0.1400	4000.000	4000.000
10	1	69565.219	10.00	96.00	13.440	69565.219	0.0200	0.1400	4000.000	4000.000
11	1	69565.219	10.00	106.00	14.840	69565.219	0.0200	0.1400	4000.000	4000.000
12	1	69565.219	10.00	116.00	16.240	69565.219	0.0200	0.1400	4000.000	4000.000
13	1	69565.219	10.00	126.00	17.640	69565.219	0.0200	0.1400	4000.000	4000.000
14	1	69565.219	10.00	136.00	19.040	69565.219	0.0200	0.1400	4000.000	4000.000
15	1	69565.219	10.00	146.00	20.440	69565.219	0.0200	0.1400	4000.000	4000.000
16	1	69565.219	10.00	156.00	21.840	69565.219	0.0200	0.1400	4000.000	4000.000
17	1	*********	15.00	168.50	23.627	103751.547	0.0200	0.1450	4800.000	4800.000
18	1	*********	15.00	183.50	25.802	103751.547	0.0200	0.1450	4800.000	4800.000
19	1	*********	15.00	198.50	27.977	103751.547	0.0200	0.1450	4800.000	4800.000
20	1	*********	15.00	213.50	30.152	103751.547	0.0200	0.1450	4800.000	4800.000
21	1	*********	15.00	228.50	32.327	103751.547	0.0200	0.1450	4800.000	4800.000
22	1	*********	15.00	243.50	34.502	103751.547	0.0200	0.1450	4800.000	4800.000
23	1	*********	15.00	258.50	36.677	103751.547	0.0200	0.1450	4800.000	4800.000
24	1	*********	15.00	273.50	38.890	162158.391	0.0200	0.1500	5900.000	5900.000
25	1	*********	20.00	291.00	41.515	162158.391	0.0200	0.1500	5900.000	5900.000
26	BASE					162158	0.020	0.1500	5900.	

```
  PERIOD = 0.27 FROM AVERAGE SHEARVEL. =   4500.

 MAXIMUM AMPLIFICATION =  32.66
 FOR FREQUENCY         =   4.00 C/SEC.
     PERIOD            =   0.25 SEC.

1******   OPTION  1  ***  READ INPUT MOTION

 EARTHQUAKE  -  deconvolution  from set1 rot 4

 9624 ACCELERATION VALUES AT TIME INTERVAL    0.0050

    THE VALUES ARE LISTED ROW BY ROW AS READ FROM CARDS
    TRAILING ZEROS ARE ADDED TO GIVE A TOTAL OF16384 VALUES

 MAXIMUM ACCELERATION =  1.13935
 AT TIME              = 10.10 SEC
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THE VALUES WILL BE MULTIPLIED BY A FACTOR = 1.000
TO GIVE NEW MAXIMUM ACCELERATION = 1.13935

MEAN SQUARE FREQUENCY = 3.90 C/SEC.

MAX ACCELERATION = 1.13837 FOR FREQUENCIES REMOVED ABOVE 40.00 C/SEC.

1****** OPTION 3 *** READ WHERE OBJECT MOTION IS GIVEN

OBJECT MOTION IN LAYER NUMBER 1 OUTCROPPING

1****** OPTION 4 *** OBTAIN STRAIN COMPATIBLE SOIL PROPERTIES

MAXIMUM NUMBER OF ITERATIONS = 10
MAXIMUM ERROR IN PERCENT = 5.00
FACTOR FOR EFFECTIVE STRAIN IN TIME DOMAIN = 0.65

EARTHQUAKE - deconvolution from set1 rot 4
SOIL PROFILE - Diablo Canyon, I-I SECTION W/ CUT S

ITERATION NUMBER 1

..... SKIP TO NEXT SECTION

ITERATION NUMBER 2

..... SKIP TO NEXT SECTION

1****** OPTION 5 *** COMPUTE MOTION IN NEW SUBLAYERS

EARTHQUAKE -deconvolution from set1 rot 4
SOIL DEPOSIT - Diablo Canyon, I-I SECTION W/ CUT S

LAYER	DEPTH FT	MAX. ACC. G SEC	TIME C/SEC	MEAN SQ. FR. QUIET ZONE	ACC. RATIO ACC. RECORD	PUNCHED CARDS
OUTCR.	0.0	1.13837	10.10	3.90	0.000	0
WITHIN	11.0	1.13539	10.10	3.85	0.000	0
WITHIN	21.0	1.12702	10.10	3.71	0.000	0
WITHIN	31.0	1.11258	10.10	3.52	0.000	0
WITHIN	41.0	1.09160	10.10	3.30	0.000	0
WITHIN	51.0	1.06421	10.10	3.09	0.000	0
WITHIN	61.0	1.04842	10.13	2.93	0.000	0
WITHIN	71.0	1.05310	10.13	2.82	0.000	0
WITHIN	81.0	1.05188	10.12	2.76	0.000	0
WITHIN	91.0	1.04414	10.12	2.74	0.000	0
WITHIN	101.0	1.02552	10.12	2.75	0.000	0
WITHIN	111.0	0.99469	10.12	2.78	0.000	0
WITHIN	121.0	0.95245	10.12	2.82	0.000	0
WITHIN	131.0	0.90173	10.12	2.88	0.000	0
WITHIN	141.0	0.88457	10.14	2.95	0.000	0

1****** OPTION 5 *** COMPUTE MOTION IN NEW SUBLAYERS

EARTHQUAKE -deconvolution from set1 rot 4
SOIL DEPOSIT - Diablo Canyon, I-I SECTION W/ CUT S

LAYER	DEPTH FT	MAX. ACC. G SEC	TIME C/SEC	MEAN SQ. FR. QUIET ZONE	ACC. RATIO ACC. RECORD	PUNCHED CARDS
OUTCR.	151.0	1.19608	10.06	4.21	0.000	0
WITHIN	161.0	0.86966	10.14	3.12	0.000	0
WITHIN	176.0	0.85090	10.14	3.19	0.000	0
WITHIN	191.0	0.82412	10.14	3.21	0.000	0
WITHIN	206.0	0.81254	10.16	3.19	0.000	0
WITHIN	221.0	0.83165	10.16	3.16	0.000	0
WITHIN	236.0	0.83679	10.16	3.14	0.000	0
WITHIN	251.0	0.83249	10.16	3.13	0.000	0
WITHIN	266.0	0.81235	10.16	3.14	0.000	0
WITHIN	281.0	0.78788	10.64	3.15	0.000	0
OUTCR.	301.0	0.93517	10.03	4.01	0.000	2048

SII1R46.PUN

```
                    XMAX=  0.9352deconvolotion  from set1 rot 4
 ACCELERATION VALUES AT OUTCROPPING LAYER 26 -  Diablo Canyon, I-I SECTION W/ CUT S
-0.000645-0.000708-0.000782-0.000764-0.000669-0.000598-0.000595-0.000601      1
-0.000550-0.000477-0.000479-0.000587-0.000719-0.000781-0.000778-0.000784      2
-0.000824-0.000834-0.000749-0.000597-0.000473-0.000425-0.000412-0.000382      3
-0.000362-0.000414-0.000535-0.000638-0.000645-0.000575-0.000501-0.000438      4
-0.000321-0.000106 0.000135 0.000267 0.000234 0.000105-0.000013-0.000098      5
-0.000207-0.000388-0.000626-0.000883-0.001143-0.001371-0.001460-0.001283      6
-0.000828-0.000270 0.000136 0.000247 0.000097-0.000193-0.000541-0.000889      7
-0.001125-0.001079-0.000653 0.000058 0.000815 0.001397 0.001707 0.001731      8
 0.001462 0.000895 0.000085-0.000845-0.001787-0.002706-0.003590-0.004371      9
-0.004932-0.005221-0.005298-0.005233-0.004947-0.004239-0.003001-0.001430     10
-0.000005 0.000765 0.000595-0.000490-0.002216-0.004162-0.005862-0.006972     11
-0.007428-0.007478-0.007495-0.007713-0.008135-0.008679-0.009387-0.010447     12
-0.011988-0.013839-0.015514-0.016419-0.016180-0.014864-0.012998-0.011342     13
-0.010513-0.010673-0.011487-0.012411-0.013071-0.013447-0.013736-0.014097     14
-0.014539-0.014991-0.015390-0.015650-0.015588-0.014989-0.013771-0.012116     15
-0.010366-0.008826-0.007631-0.006792-0.006252-0.005879-0.005415-0.004558     16
-0.003152-0.001352 0.000440 0.001768 0.002331 0.002041 0.001028-0.000403     17
-0.001855-0.003034-0.003889-0.004564-0.005123-0.005338-0.004751-0.002997     18


................... LINES SKIPPED


 0.000034 0.000000-0.000035-0.000020 0.000022 0.000035-0.000001-0.000034   2029
-0.000021 0.000023 0.000034 0.000000-0.000035-0.000020 0.000022 0.000036   2030
-0.000001-0.000033-0.000021 0.000023 0.000034 0.000000-0.000035-0.000020   2031
 0.000022 0.000035-0.000001-0.000034-0.000021 0.000023 0.000034 0.000000   2032
-0.000035-0.000020 0.000022 0.000035-0.000001-0.000034-0.000021 0.000023   2033
 0.000034 0.000000-0.000034-0.000020 0.000022 0.000035-0.000001-0.000034   2034
-0.000020 0.000022 0.000034-0.000001-0.000034-0.000020 0.000022 0.000034   2035
-0.000001-0.000034-0.000020 0.000022 0.000034-0.000001-0.000034-0.000020   2036
 0.000022 0.000034-0.000001-0.000034-0.000020 0.000022 0.000034-0.000001   2037
-0.000034-0.000019 0.000022 0.000033-0.000001-0.000033-0.000019 0.000022   2038
 0.000033-0.000001-0.000033-0.000019 0.000022 0.000033-0.000001-0.000033   2039
-0.000018 0.000022 0.000033-0.000001-0.000032-0.000018 0.000022 0.000032   2040
-0.000001-0.000031-0.000017 0.000022 0.000032-0.000001-0.000030-0.000016   2041
 0.000022 0.000031-0.000001-0.000029-0.000015 0.000022 0.000030-0.000001   2042
-0.000028-0.000014 0.000021 0.000029-0.000001-0.000026-0.000012 0.000021   2043
 0.000027-0.000001-0.000023-0.000009 0.000020 0.000024-0.000001-0.000018   2044
-0.000004 0.000019 0.000020 0.000000-0.000009 0.000005 0.000018 0.000011   2045
 0.000002 0.000012 0.000027 0.000013-0.000014 0.000010 0.000102 0.000151   2046
-0.000001-0.000377-0.000784-0.000975-0.000889-0.000711-0.000656-0.000754   2047
-0.000849-0.000816-0.000709-0.000671-0.000741-0.000812-0.000780-0.000683   2048
```

SII5R46.INP

```
8192  0.7
   8
   1    1   10  100.
  11 100. Shear Modulus for Rock SHAKE91
 0.0001    0.0003   0.001      0.003      0.01       0.03       0.1        0.3
 1.0       3.       10.0
 1.0       1.0       .988      .952       0.90       0.81       .725       .64
 0.55      0.55      0.55
  11 1.0  Damping for Rock SHAKE91+1.6%
 0.0001    0.0003   0.001      0.003      0.01       0.03       0.1        0.3
 1.0       3.       10.0
 2.0       2.2       2.4       2.75       3.1        3.85       4.6        5.4
 6.2       6.2       6.2
   2
   1   26   26 Diablo Canyon, I-I SECTION W/ CUT SLOPE
   1    1    1      11.0                 0.02       0.140      4000.              1.0
   2    1    1      10.0                 0.02       0.140      4000.              1.0
   3    1    1      10.0                 0.02       0.140      4000.              1.0
   4    1    1      10.0                 0.02       0.140      4000.              1.0
   5    1    1      10.0                 0.02       0.140      4000.              1.0
   6    1    1      10.0                 0.02       0.140      4000.              1.0
   7    1    1      10.0                 0.02       0.140      4000.              1.0
   8    1    1      10.0                 0.02       0.140      4000.              1.0
   9    1    1      10.0                 0.02       0.140      4000.              1.0
  10    1    1      10.0                 0.02       0.140      4000.              1.0
  11    1    1      10.0                 0.02       0.140      4000.              1.0
  12    1    1      10.0                 0.02       0.140      4000.              1.0
  13    1    1      10.0                 0.02       0.140      4000.              1.0
  14    1    1      10.0                 0.02       0.140      4000.              1.0
  15    1    1      10.0                 0.02       0.140      4000.              1.0
  16    1    1      10.0                 0.02       0.140      4000.              1.0
  17    1    1      15.0                 0.02       0.145      4800.              1.0
  18    1    1      15.0                 0.02       0.145      4800.              1.0
  19    1    1      15.0                 0.02       0.145      4800.              1.0
  20    1    1      15.0                 0.02       0.145      4800.              1.0
  21    1    1      15.0                 0.02       0.145      4800.              1.0
  22    1    1      15.0                 0.02       0.145      4800.              1.0
  23    1    1      15.0                 0.02       0.145      4800.              1.0
  24    1    1      15.0                 0.02       0.150      5900.              1.0
  25    1    1      20.0                 0.02       0.150      5900.              1.0
  26                                      0.020      0.150     5900.0
   1
 4000 8192     0.01     4(8F9.6)          deconvolotion  from set 5 rot 46 neg FN
      1.0                  40.0     1
set5r46.acc
   3
   1    0
   4
        10      5.0      0.65
   5
   1    2    3    4    5    6    7    8    9   10   11   12   13   14   15
   0    1    1    1    1    1    1    1    1    1    1    1    1    1    1
   0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
   5
  16   17   18   19   20   21   22   23   24   25   26
   0    1    1    1    1    1    1    1    1    1    0
   0    0    0    0    0    0    0    0    0    0    1
   0
```

SET5R46.ACC

Set5: El Centro with fling
Acceleration Time Histories
NPTS = 4000 46 0
DT = 0.010

-.000676	.000314	.001300	.002290	.003287	.004271	.005210	.006080	1
.006856	.007621	.008469	.009448	.010528	.011601	.012602	.013582	2
.014618	.015817	.017165	.018399	.019441	.020189	.020701	.021070	3
.021509	.022451	.024359	.027602	.031944	.036647	.041148	.045202	4
.048768	.051707	.053710	.054779	.055378	.056601	.059164	.062535	5
.064776	.064192	.060502	.054431	.047637	.041807	.036902	.034446	6
.034075	.034711	.034708	.033469	.031461	.028334	.024374	.022168	7
.023060	.025749	.028551	.031161	.033801	.035334	.034380	.032412	8
.033263	.038953	.048227	.058004	.065882	.071057	.075336	.079907	9
.083108	.082093	.076346	.068316	.060385	.054255	.050785	.048556	10
.046623	.045432	.047626	.056607	.071156	.087496	.100152	.106423	11
.107865	.103621	.093963	.082856	.075638	.072734	.071844	.071686	12
.072360	.072499	.070876	.064637	.056790	.042506	.029806	.027694	13
.035866	.046386	.051821	.051605	.050676	.053825	.063370	.078326	14
.099863	.124174	.141648	.143990	.132527	.114927	.103470	.111700	15
.141335	.173895	.183397	.163548	.128291	.093887	.067275	.047565	16
.029011	.005713	-.021835	-.041568	-.041188	-.023151	.002865	.027319	17
.040351	.033503	.011238	-.005561	.002136	.033397	.067370	.084742	18
.082227	.071353	.068625	.085995	.129460	.182070	.207461	.181389	19
.118679	.061455	.043599	.076967	.154162	.246542	.315663	.332052	20
.298686	.241335	.184682	.136158	.091658	.046630	-.004464	-.056593	21
-.100683	-.125186	-.126767	-.124975	-.142359	-.184090	-.243509	-.295832	22
-.318973	-.302879	-.262995	-.226379	-.206675	-.205505	-.229467	-.278244	23
-.334454	-.359548	-.331015	-.273203	-.223393	-.179108	-.096470	.051480	24
.235176	.387085	.452211	.442355	.425909	.461466	.538954	.592611	25
.574977	.502688	.437352	.424255	.471136	.535042	.580097	.589415	26
.569466	.534699	.496654	.456963	.409272	.340981	.286807	.246671	27
.226848	.184487	.094302	-.041808	-.198716	-.338428	-.452421	-.508628	28
-.478323	-.418287	-.370863	-.301005	-.232028	-.177568	-.141801	-.113646	29
-.054789	.048258	.142060	.192083	.193541	.154032	.121713	.106479	30
.084736	.058914	.018105	-.086248	-.200380	-.324755	-.537543	-.640328	31
-.658578	-.575686	-.465961	-.378532	-.324006	-.287955	-.233173	-.157774	32
-.058945	.051348	.148519	.166759	.110360	-.027884	-.159449	-.254426	33
-.306241	-.333485	-.351342	-.364648	-.380533	-.412954	-.455025	-.468517	34
-.421590	-.313162	-.181360	-.083048	-.032933	-.001541	.027776	.042101	35
.030504	-.009821	-.081369	-.191356	-.334774	-.483136	-.608714	-.690014	36
-.744970	-.780114	-.797050	-.797874	-.782995	-.755135	-.706437	-.621202	37
-.487594	-.308170	-.114222	.038285	.105246	.080640	-.002952	-.090864	38
-.149091	-.192162	-.255532	-.349666	-.438528	-.481403	-.465109	-.394491	39
-.291259	-.198874	-.160628	-.181082	-.223595	-.248703	-.254285	-.270276	40
-.300930	-.311162	-.262074	-.163616	-.067123	.079533	.193050	.258345	41
.264748	.231407	.185925	.151573	.137608	.118848	.071587	-.016157	42
-.129516	-.264459	-.405694	-.468059	-.421238	-.319654	-.224638	-.167320	43
-.181710	-.183514	-.237961	-.275411	-.269000	-.250213	-.270832	-.308872	44
-.310275	-.254892	-.169594	-.088872	-.022529	.030591	.079070	.134180	45
.186582	.222102	.237409	.247959	.263661	.277704	.295407	.317741	46
.333271	.331428	.309371	.265964	.203990	.144439	.110279	.104982	47
.117334	.127821	.112784	.072355	.031532	.021161	.056632	.117992	48
.179581	.232806	.290468	.361285	.436336	.481442	.452551	.343226	49
.185652	.035129	-.054478	-.067702	-.008354	.130119	.312653	.477213	50
.558265	.491661	.290526	.047995	-.151200	-.268935	-.299512	-.285771	51
-.271041	-.265396	-.283889	-.307087	-.295881	-.282196	-.279294	-.254632	52
-.152075	.134025	.507154	.666514	.573733	.397593	.225723	.127625	53
.110667	.097043	.068167	.041640	.026461	.040717	.056362	.028113	54
-.025568	-.074853	-.105931	-.108771	-.098755	-.112241	-.148558	-.200840	55
-.274205	-.304418	-.306019	-.313591	-.341041	-.371790	-.399824	-.415717	56
-.413070	-.397999	-.380019	-.365652	-.364726	-.370165	-.344155	-.204512	57
.052474	.279146	.369849	.348181	.318332	.346306	.432258	.540253	58
.624425	.668393	.703193	.757570	.794994	.752669	.608676	.406745	59
.228814	.137526	.142590	.182232	.198101	.170079	.114842	.058301	60
.019323	.009971	.035683	.091089	.158847	.209693	.210565	.159363	61
.080468	-.065046	-.151833	-.160324	-.119617	-.114180	-.174277	-.253518	62
-.274862	-.206516	-.072833	.087536	.110606	.058470	-.062528	-.181731	63
-.241013	-.213450	-.113101	.018667	.129344	.185982	.189244	.170580	64
.160318	.167057	.159255	.085117	-.087603	-.316643	-.495518	-.523283	65
-.383796	-.174852	-.039360	-.062195	-.201430	-.338652	-.385769	-.339331	66
-.275110	-.250993	-.328280	-.447387	-.572548	-.637768	-.579733	-.428729	67
-.204329	-.003547	.118812	.139072	.107253	.103658	.160043	.244414	68
.312947	.353086	.384690	.439599	.515158	.573827	.575727	.506200	69
.391552	.276657	.208741	.221206	.305965	.414508	.488080	.502033	70
.466574	.403097	.323202	.235327	.139948	.033926	-.072433	-.134024	71
-.110890	-.019152	.085125	.149513	.166947	.162086	.158109	.160335	72
.161554	.159219	.150549	.133579	.100926	.053391	.011446	.018338	73
.093355	.199118	.261007	.238837	.168960	.109076	.095075	.108235	74
.104971	.063953	.003408	-.037816	-.021196	.060650	.173207	.262549	75
.290266	.248290	.148425	.017559	-.086645	-.121710	-.097267	-.060563	76
-.041257	-.025670	-.003396	.014100	-.001672	-.059939	-.157772	-.272192	77
-.367772	-.413034	-.392667	-.317926	-.202891	-.074713	.021869	.048757	78
.001738	-.091832	-.182139	-.282438	-.364662	-.438758	-.489058	-.479291	79
-.396537	-.258292	-.098392	.037678	.124044	.161566	.169038	.170504	80
.177213	.188183	.189105	.168892	.119692	.057402	-.008513	-.064039	81
-.103565	-.136790	-.171338	-.202646	-.227963	-.246981	-.253418	-.240559	82
-.215629	-.193602	-.179462	-.165533	-.144251	-.121038	-.111180	-.114579	83
-.128009	-.144636	-.152762	-.136770	-.076329	.018182	.128859	.222994	84
.268998	.256439	.199999	.127241	.072564	.064299	.102916	.147189	85
.159045	.139395	.120560	.127193	.160232	.204860	.246237	.279757	86
.299017	.297638	.269235	.221797	.190220	.201597	.243508	.268018	87
.230898	.131698	.002802	-.121523	-.228202	-.330202	-.437882	-.524706	88
-.539856	-.462613	-.340926	-.240046	-.180515	-.139098	-.084026	-.009530	89
.072450	.147072	.205444	.246886	.271436	.282594	.280363	.268977	90
.268045	.299185	.350300	.379530	.346969	.245634	.110767	-.007260	91
-.075182	-.100843	-.111579	-.137429	-.188233	-.256662	-.329545	-.396774	92
-.451718	-.478460	-.469059	-.428431	-.374797	-.329419	-.302259	-.289055	93
-.277908	-.252479	-.198646	-.115484	-.018598	.079020	.172928	.259229	94
.323809	.350406	.343049	.310351	.264218	.218719	.189132	.178846	95
.173607	.159509	.138430	.124627	.131948	.165317	.207002	.232721	96
.226679	.184235	.105893	-.009568	-.151377	-.283175	-.359694	-.358304	97
-.285852	-.168564	-.035279	.071521	.126770	.143437	.147404	.154265	98
.163201	.171940	.170248	.147658	.108759	.072301	.046041	.024557	99
.000592	-.028258	-.059064	-.089995	-.110038	-.138814	-.139551	-.099119	100
-.018014	.076434	.147587	.181549	.188992	.180835	.160363	.128835	101
.091799	.056142	.039005	.063094	.139104	.243040	.321592	.334576	102
.271435	.157891	.039621	-.048918	-.097297	-.116742	-.126177	-.145762	103
-.185890	-.230690	-.244004	-.220345	-.188950	-.174945	-.176277	-.183833	104
-.197637	-.218349	-.238229	-.238672	-.185004	-.054973	.117369	.263019	105
.332696	.332760	.298405	.261385	.247648	.275513	.347718	.441776	106
.514960	.527884	.474555	.364909	.227009	.072724	-.073249	-.193806	107
-.260185	-.233766	-.160124	-.113498	-.140745	-.222707	-.311702	-.361882	108
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.109129	.174535	.271393	.354749	.393823	.382665	.331573	.257664	111
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-.032609	-.030293	-.034105	-.022190	.010255	.049070	.072625	.070672	292
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-.052704	-.117643	-.198657	-.276476	-.333261	-.358403	-.356828	-.343172	313
-.332900	-.336124	-.353346	-.377071	-.398102	-.418281	-.435125	-.436332	314
-.409411	-.356908	-.296053	-.240706	-.198363	-.171645	-.167171	-.184752	315
-.210866	-.223082	-.203216	-.148260	-.068383	.011415	.056085	.041707	316
-.025608	-.111412	-.182052	-.228933	-.265846	-.313173	-.385108	-.472207	317
-.539014	-.547263	-.483110	-.367083	-.229225	-.091697	.041546	.168402	318
.268034	.310297	.286500	.221302	.151905	.100713	.066992	.040534	319
.014997	-.011464	-.044691	-.090782	-.148563	-.200304	-.221846	-.199487	320
-.145929	-.087494	-.041708	-.010808	.015276	.044608	.074972	.100946	321
.127472	.164520	.200382	.233882	.223775	.178286	.119468	.069249	322
.044150	.046508	.071471	.114404	.162810	.206890	.227758	.205478	323
.133988	.037671	-.058152	-.143723	-.225288	-.303418	-.357421	-.369348	324
-.345855	-.313575	-.294463	-.284347	-.260225	-.199601	-.095579	.036937	325
.179952	.312783	.410638	.452258	.441565	.403100	.355559	.306440	326
.260333	.219759	.186415	.162592	.148013	.141913	.142357	.145626	327
.145900	.144486	.149224	.165163	.186349	.201094	.202393	.189207	328
.169714	.151984	.140912	.137425	.140800	.146963	.144615	.126555	329
.091096	.042955	-.010638	-.057464	-.080858	-.069999	-.032603	.014601	330
.055763	.084852	.098032	.094690	.070142	.026292	-.027235	-.075335	331
-.093839	-.069187	-.013033	.049662	.101092	.137295	.160363	.173991	332
.177316	.158400	.111903	.052458	.000473	-.036552	-.063597	-.084392	333
-.101237	-.117293	-.129799	-.124785	-.093610	-.045038	.003170	.042512	334
.076191	.108086	.141384	.175670	.208687	.237272	.256181	.260368	335
.245980	.223275	.206329	.200618	.203339	.205871	.199529	.177548	336
.142807	.105063	.068878	.028175	-.028853	-.105923	-.189513	-.254518	337
-.275665	-.245651	-.177721	-.095308	-.017830	.044574	.088982	.114765	338
.122227	.112779	.085650	.044588	-.002896	-.046979	-.077529	-.085536	339
-.066935	-.031523	.000464	.019468	.033676	.058327	.094977	.131663	340
.157101	.163268	.145738	.098011	.022714	-.062710	-.136553	-.187338	341
-.215717	-.222272	-.208388	-.174509	-.127337	-.078957	-.041891	-.022497	342
-.014576	-.008577	.001841	.019315	.040214	.054797	.053040	.037288	343
.018933	.011460	.024479	.052417	.082936	.104812	.117508	.125288	344
.132677	.144457	.161675	.178748	.188776	.195563	.207355	.220277	345
.218843	.192946	.153067	.122646	.115259	.126014	.136406	.134548	346
.118967	.094430	.064251	.030269	-.004824	-.035727	-.054307	-.052603	347
-.033685	-.006096	.024950	.060323	.093024	.127793	.156790	.172672	348
.174648	.167571	.156870	.141771	.120919	.093128	.058207	.020557	349
-.015266	-.047769	-.075029	-.098106	-.119873	-.141934	-.160216	-.165878	350
-.154465	-.126236	-.084691	-.035194	.013020	.051208	.074108	.082642	351
.078179	.063457	.046783	.036840	.040469	.056208	.076365	.094792	352
.106808	.106853	.090141	.059588	.028347	.003507	-.019118	-.045772	353
-.075963	-.101298	-.116911	-.125152	-.131651	-.139249	-.150824	-.170955	354
-.197803	-.219922	-.221458	-.198452	-.156893	-.109429	-.066076	-.029896	355
-.002892	.017002	.034901	.055822	.075491	.083830	.077031	.056390	356
.023119	-.018617	-.063473	-.103980	-.136456	-.162658	-.186500	-.204309	357
-.202053	-.169755	-.117857	-.071189	-.046864	-.042581	-.042691	-.035242	358
-.021711	-.009571	-.010307	-.032529	-.078091	-.135713	-.188744	-.223930	359
-.229990	-.204070	-.155188	-.102562	-.065191	-.045607	-.035402	-.029903	360
-.034869	-.054889	-.085441	-.119777	-.149046	-.168060	-.173123	-.166628	361
-.154715	-.142901	-.132807	-.117354	-.090400	-.052141	-.006307	.039867	362
.077780	.100119	.106866	.101030	.083915	.058131	.029251	.000575	363
-.029403	-.064968	-.104484	-.136973	-.148571	-.131690	-.093065	-.052259	364
-.027504	-.022735	-.030778	-.042793	-.054829	-.065061	-.073753	-.082169	365
-.090734	-.097729	-.098377	-.091796	-.074823	-.051208	-.024291	.005082	366
.032631	.049172	.048716	.036741	.021156	.002600	-.020810	-.042836	367
-.052419	-.046642	-.032147	-.013700	.004454	.016761	.017394	.008685	368
.000005	-.002570	-.001828	-.007310	-.025971	-.055962	-.091713	-.127523	369
-.156694	-.166852	-.147009	-.102129	-.047750	-.000899	.031894	.048502	370
.050207	.044665	.037746	.027429	.008009	-.017724	-.041022	-.059078	371
-.077717	-.104809	-.140505	-.173181	-.188501	-.181068	-.159774	-.139620	372
-.130602	-.134101	-.141328	-.139827	-.123363	-.095382	-.065223	-.042177	373
-.028951	-.021971	-.016907	-.010605	-.003485	.002523	.004122	.003147	374
.003692	.005266	.002912	-.005669	-.014716	-.017066	-.009906	.003292	375
.019500	.041047	.068557	.094322	.103425	.086304	.048381	.006155	376
-.021669	-.027834	-.016754	-.002317	-.001415	-.022122	-.061247	-.105482	377
-.138380	-.150087	-.144315	-.136308	-.143173	-.171835	-.211162	-.241432	378
-.248634	-.234641	-.208751	-.176409	-.137726	-.093273	-.049821	-.017170	379
.000185	.007257	.015069	.033159	.063527	.101173	.139357	.177586	380
.212477	.233299	.233005	.228822	.213585	.218479	.229696	.233936	381
.219699	.184293	.136862	.092543	.060164	.039059	.022162	.004138	382
-.014865	-.032989	-.048081	-.061750	-.074001	-.077614	-.068197	-.049613	383
-.029947	-.015871	-.008409	-.006495	-.005656	-.002926	.004766	.024222	384
.057230	.097090	.131708	.153926	.161552	.155511	.138802	.119761	385
.107236	.104324	.104058	.094554	.073901	.052495	.040547	.037038	386
.034046	.028273	.023421	.024268	.030586	.034417	.028058	.007764	387
-.025992	-.064304	-.096498	-.106187	-.085611	-.047772	-.007231	.026187	388
.048898	.065501	.084778	.114314	.152342	.189903	.212340	.209519	389
.181160	.130407	.098977	.074979	.068316	.072256	.077561	.080551	390
.083654	.087748	.090720	.090868	.091169	.093789	.097036	.102327	391
.109756	.111837	.096986	.061978	.015267	-.026807	-.049256	-.048851	392
-.025082	.005121	.033411	.052810	.062509	.065335	.067078	.074634	393
.088323	.102669	.109673	.104829	.087203	.060971	.031691	.004942	394
-.014531	-.023746	-.019144	.000024	.028774	.055428	.068298	.064692	395
.050539	.035647	.025943	.021124	.019984	.022257	.024513	.015341	396
-.014847	-.063993	-.115126	-.146069	-.146292	-.127028	-.109981	-.103715	397
-.099708	-.086379	-.063030	-.038247	-.019338	-.006755	.003175	.013610	398
.022660	.027364	.025889	.017740	.007635	.005226	.016367	.037554	399
.058222	.068287	.060440	.031562	-.011168	-.051072	-.076377	-.081653	400
-.068724	-.042285	-.013437	.003892	.003448	-.007379	-.013823	-.007470	401
.010035	.033793	.048949	.049264	.037207	.021674	.011705	.011952	402
.023771	.042706	.060792	.071571	.074320	.069382	.055476	.032448	403
.007862	-.005183	-.001309	.013026	.026974	.035208	.035583	.024857	404
-.000451	-.036524	-.071534	-.090656	-.086161	-.062342	-.031271	-.003564	405
.015125	.021900	.019948	.020360	.031387	.049838	.065405	.068946	406
.061319	.049364	.039486	.032428	.029232	.034457	.051019	.075667	407
.099498	.112410	.106552	.079669	.039100	.001556	-.016210	-.009712	408
.010722	.031748	.046140	.053385	.049195	.028612	-.007411	-.043964	409
-.065622	-.068492	-.062123	-.057781	-.062866	-.076182	-.093958	-.111104	410
-.124055	-.133632	-.135713	-.129540	-.118855	-.097135	-.075501	-.053318	411
-.033108	-.018051	-.011241	-.012772	-.022590	-.037800	-.056742	-.077771	412
-.097443	-.112327	-.119115	-.117125	-.106649	-.090184	-.074269	-.066473	413
-.067648	-.072063	-.070975	-.060684	-.044915	-.033108	-.033278	-.045162	414
-.060171	-.067845	-.061820	-.041751	-.011071	.022455	.051861	.076176	415
.094004	.100589	.088560	.058230	.021943	-.011145	-.033039	-.040464	416
-.031698	-.009872	.015641	.035137	.043783	.042533	.037905	.038427	417
.048799	.066641	.084152	.093253	.091836	.083810	.075117	.069881	418
.066228	.060693	.050055	.034412	.014811	-.006351	-.025933	-.040769	419
-.048938	-.051420	-.049621	-.043173	-.035913	-.031493	-.032292	-.035935	420
-.036166	-.025260	-.004993	.014575	.028692	.045142	.070257	.097060	421
.113046	.113273	.103678	.094228	.090592	.094151	.104297	.118549	422
.131398	.135642	.130783	.119336	.105118	.093463	.085857	.076523	423
.056342	.025507	-.005457	-.024557	-.027859	-.019730	-.012160	-.013207	424
-.021139	-.027418	-.030178	-.032993	-.038342	-.043626	-.045300	-.043030	425
-.037222	-.023981	.001941	.038861	.074872	.094668	.090768	.067311	426
.034562	.002899	-.019685	-.032706	-.042256	-.052368	-.061929	-.065256	427
-.058724	-.044329	-.029016	-.020189	-.021821	-.026771	-.031061	-.030490	428
-.028897	-.033065	-.044725	-.060478	-.075603	-.085030	-.088126	-.081666	429
-.068904	-.054478	-.043607	-.039964	-.041406	-.041247	-.038015	-.035081	430
-.039867	-.054252	-.073519	-.088593	-.092627	-.084410	-.066745	-.043391	431
-.017013	.011186	.040293	.068075	.088653	.097446	.089748	.064977	432
.023492	-.028509	-.079711	-.118519	-.136796	-.133501	-.113201	-.083171	433
-.050900	-.021468	.001383	.016455	.025654	.029902	.026843	.016705	434
.003007	-.007916	-.010274	-.001964	.014646	.033265	.047406	.053319	435
.051279	.048956	.054054	.067991	.085326	.098881	.104058	.101045	436
.095446	.088022	.078745	.059265	.027800	-.008701	-.040495	-.061047	437
-.074798	-.084495	-.093794	-.101282	-.102297	-.093656	-.078846	-.061954	438
-.044134	-.025178	-.012275	-.011159	-.023932	-.043752	-.061327	-.070164	439
-.068699	-.058412	-.042045	-.025528	-.015609	-.013455	-.011548	-.002190	440
.014400	.031228	.041450	.044207	.042741	.041097	.042386	.045799	441
.043503	.030241	.009128	-.007928	-.013090	-.005948	.005810	.013385	442
.011090	.002371	-.005353	-.004441	.003049	.010142	.009763	.001800	443
-.010467	-.019761	-.020423	-.009486	.009247	.030949	.051205	.066393	444
.069396	.055161	.023328	-.014720	-.046017	-.061470	-.062553	-.052004	445
-.033910	-.013122	.003555	.014260	.015570	.009665	-.000742	-.011610	446
-.023377	-.036587	-.050892	-.065080	-.081131	-.096542	-.103914	-.091937	447
-.058395	-.009194	.041378	.079937	.096017	.092296	.074086	.051654	448
.027569	.008212	-.008602	-.020301	-.028451	-.028177	-.025550	-.023253	449
-.026405	-.026903	-.022429	-.009672	.001640	.006065	-.000101	-.010164	450
-.019073	-.025677	-.024007	-.011505	.011888	.034283	.051789	.058845	451
.059907	.050552	.036100	.015829	-.001865	-.017213	-.025939	-.035532	452
-.047675	-.065251	-.081826	-.095939	-.104284	-.108762	-.106707	-.095905	453
-.071020	-.035677	-.000033	.018847	.016395	.000678	-.013055	-.019177	454
-.019747	-.021990	-.030408	-.045235	-.056729	-.053600	-.030795	.002420	455
.033175	.048925	.049091	.038085	.024391	.005495	-.015169	-.031702	456
-.038059	-.034203	-.021507	-.001899	.020557	.038116	.044118	.034987	457
.015711	-.004666	-.015586	-.013418	.000399	.017785	.032090	.036734	458
.033011	.024778	.025250	.029673	.037429	.044038	.046451	.042411	459
.034506	.027733	.027814	.037787	.054595	.076007	.086657	.084298	460
.080204	.072738	.061897	.044995	.023605	.005254	-.001790	.006730	461
.027102	.048802	.060688	.057846	.045025	.031467	.022491	.016645	462
.011263	.003043	-.007632	-.019784	-.029569	-.034566	-.034932	-.032644	463
-.026548	-.016371	-.004716	.003739	.009718	.017478	.029570	.043672	464
.054693	.060535	.063505	.065021	.063285	.054035	.038653	.017362	465
-.003158	-.015632	-.014446	-.000002	.022569	.043739	.054386	.049662	466
.033339	.013019	-.004671	-.016898	-.024063	-.030038	-.037777	-.046187	467
-.049005	-.043675	-.027547	-.007599	.008629	.017172	.019869	.020252	468
.023289	.018047	.010661	-.001374	-.012513	-.017218	-.013440	-.002997	469
.010566	.020733	.022369	.014697	.003407	-.004432	-.004221	.003942	470
.015243	.023334	.023807	.017170	.007804	-.000062	-.004751	-.007296	471
-.010164	-.015056	-.020743	-.024676	-.024405	-.020350	-.015760	-.014481	472
-.016065	-.020356	-.021301	-.019273	-.016421	-.015169	-.016273	-.018691	473
-.020619	-.021173	-.020079	-.017946	-.013984	-.009356	-.005881	-.004543	474
-.033940	-.002092	-.000060	.000830	-.000127	-.003609	-.010492	-.019484	475
-.026639	-.029040	-.027024	-.023001	-.018636	-.014725	-.011136	-.007093	476
-.001302	.005361	.011234	.014681	.016501	.018545	.021397	.023756	477
.023803	.020896	.016322	.011723	.008621	.007327	.007282	.007868	478
.008510	.008186	.006011	.001626	-.003864	-.008688	-.011683	-.012369	479
-.011561	-.010536	-.010315	-.010889	-.010946	-.009947	-.008310	-.007042	480
-.006377	-.006230	-.006263	-.006731	-.007630	-.009083	-.010711	-.011902	481
-.012253	-.011484	-.009543	-.007043	-.004831	-.003442	-.002624	-.002387	482
-.002953	-.004250	-.005916	-.007598	-.008807	-.009224	-.008360	-.006463	483
-.003530	.000120	.003756	.006893	.009404	.011400	.012179	.011876	484
.011019	.009984	.008752	.007317	.005862	.004635	.003785	.002944	485
.002027	.000990	.000052	-.000429	-.000095	.000864	.001761	.002024	486
.001674	.000953	.000144	-.000815	-.002176	-.004167	-.006576	-.008849	487
-.010483	-.011280	-.011339	-.010855	-.009979	-.008690	-.006876	-.004639	488
-.002203	.000316	.002760	.005092	.007075	.008458	.008953	.008572	489
.007787	.006994	.006208	.005189	.003987	.002898	.002102	.001843	490

.001135	.000685	.000132	-.000493	-.001024	-.001343	-.001372	-.001215	491
-.001005	-.000832	-.000551	-.000067	.000575	.001181	.001699	.002092	492
.002404	.002552	.002409	.001810	.000780	-.000495	-.001670	-.002516	493
-.003009	-.003253	-.003339	-.003260	-.003039	-.002664	-.002212	-.001824	494
-.001624	-.001613	-.001673	-.001733	-.001839	-.001996	-.002184	-.002338	495
-.002431	-.002439	-.002343	-.002132	-.001838	-.001509	-.001218	-.001027	496
-.000949	-.000992	-.001133	-.001346	-.001579	-.001808	-.002012	-.002177	497
-.002284	-.002319	-.002290	-.002255	-.002217	-.002185	-.002191	-.002202	498
-.002229	-.002276	-.002344	-.002435	-.002546	-.002670	-.002798	-.002925	499
-.003045	-.003154	-.003252	-.003339	-.003415	-.003486	-.003554	-.003621	500

SII5R46.OUT

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**                                         **
** SHAKE -- A COMPUTER PROGRAM FOR         **
**          EARTHQUAKE RESPONSE ANALYSIS   **
**          OF HORIZONTALLY LAYERED SITES  **
**                                         **
**                                         **
** MS-DOS VERSION - CONVERTED TO IBM-PC BY **
**                  Shyh-Shiun Lai, WCC    **
**                  January 1985           **
**                                         **
** (Modified to Use 16384 Points and 100   **
**  Soil Layers, S.J. Chiou, August 1995)  **
**                                         **
*********************************************
*********************************************
Output file name : SII5R46.OUT
Start time : 19  /  /   --
Start time : 19  /  /   --

 MAX. NUMBER OF TERMS IN FOURIER TRANSFORM =      8192
 NECESSARY LENGTH OF BLANK COMMON X        =     51219
 EARTH PRESSURE AT REST FOR SAND           =     0.700
1******   OPTION  9  ***  READ RELATION BETWEEN SOIL PROPERTIES AND STRAIN

   CURVES FOR RELATION STRAIN VERSUS SHEAR MODULUS AND DAMPING
```

MATL TYPE	STRAIN (%)	MOD RED CO	STRAIN (%)	DAMP FACTR
1	0.000100	1.000	0.000100	2.0
1	0.000300	1.000	0.000300	2.2
1	0.001000	0.988	0.001000	2.4
1	0.003000	0.952	0.003000	2.8
1	0.010000	0.900	0.010000	3.1
1	0.030000	0.810	0.030000	3.8
1	0.100000	0.725	0.100000	4.6
1	0.300000	0.640	0.300000	5.4
1	1.000000	0.550	1.000000	6.2
1	3.000000	0.550	3.000000	6.2
1	10.000000	0.550	10.000000	6.2

```
1******   OPTION  2  ***  READ SOIL PROFILE

     NEW SOIL PROFILE NO.  1      IDENTIFICATION   Diablo Canyon, I-I SECTION W/ CUT S

0NUMBER OF LAYERS                    26          DEPTH TO BEDROCK        301.00
 NUMBER OF FIRST SUBMERGED LAYER     26          DEPTH TO WATER LEVEL    301.00
```

LAYER	TYPE	MAX-MOD	THICKNESS	DEPTH	EFF. PRESS.	MODULUS	DAMPING	UNIT WEIGTH	SHEAR VEL	SVMAX
1	1	69565.219	11.00	5.50	0.770	69565.219	0.0200	0.1400	4000.000	4000.000
2	1	69565.219	10.00	16.00	2.240	69565.219	0.0200	0.1400	4000.000	4000.000
3	1	69565.219	10.00	26.00	3.640	69565.219	0.0200	0.1400	4000.000	4000.000
4	1	69565.219	10.00	36.00	5.040	69565.219	0.0200	0.1400	4000.000	4000.000
5	1	69565.219	10.00	46.00	6.440	69565.219	0.0200	0.1400	4000.000	4000.000
6	1	69565.219	10.00	56.00	7.840	69565.219	0.0200	0.1400	4000.000	4000.000
7	1	69565.219	10.00	66.00	9.240	69565.219	0.0200	0.1400	4000.000	4000.000
8	1	69565.219	10.00	76.00	10.640	69565.219	0.0200	0.1400	4000.000	4000.000
9	1	69565.219	10.00	86.00	12.040	69565.219	0.0200	0.1400	4000.000	4000.000
10	1	69565.219	10.00	96.00	13.440	69565.219	0.0200	0.1400	4000.000	4000.000
11	1	69565.219	10.00	106.00	14.840	69565.219	0.0200	0.1400	4000.000	4000.000
12	1	69565.219	10.00	116.00	16.240	69565.219	0.0200	0.1400	4000.000	4000.000
13	1	69565.219	10.00	126.00	17.640	69565.219	0.0200	0.1400	4000.000	4000.000
14	1	69565.219	10.00	136.00	19.040	69565.219	0.0200	0.1400	4000.000	4000.000
15	1	69565.219	10.00	146.00	20.440	69565.219	0.0200	0.1400	4000.000	4000.000
16	1	69565.219	10.00	156.00	21.840	69565.219	0.0200	0.1400	4000.000	4000.000
17	1	*********	15.00	168.50	23.627	103751.547	0.0200	0.1450	4800.000	4800.000
18	1	*********	15.00	183.50	25.802	103751.547	0.0200	0.1450	4800.000	4800.000
19	1	*********	15.00	198.50	27.977	103751.547	0.0200	0.1450	4800.000	4800.000
20	1	*********	15.00	213.50	30.152	103751.547	0.0200	0.1450	4800.000	4800.000
21	1	*********	15.00	228.50	32.327	103751.547	0.0200	0.1450	4800.000	4800.000
22	1	*********	15.00	243.50	34.502	103751.547	0.0200	0.1450	4800.000	4800.000
23	1	*********	15.00	258.50	36.677	103751.547	0.0200	0.1450	4800.000	4800.000
24	1	*********	15.00	273.50	38.896	162158.391	0.0200	0.1500	5900.000	5900.000
25	1	*********	20.00	291.00	41.515	162158.391	0.0200	0.1500	5900.000	5900.000
26	BASE					162158.	0.020	0.1500	5900.	

```
  PERIOD = 0.27 FROM AVERAGE SHEARVEL. =   4500.

 MAXIMUM AMPLIFICATION =  32.66
 FOR FREQUENCY         =   4.00 C/SEC.
     PERIOD            =   0.25 SEC.

1******   OPTION  1  ***  READ INPUT MOTION

 EARTHQUAKE  -  deconvolution  from set 5 rot

 4000 ACCELERATION VALUES AT TIME INTERVAL     0.0100

    THE VALUES ARE LISTED ROW BY ROW AS READ FROM CARDS
    TRAILING ZEROS ARE ADDED TO GIVE A TOTAL OF 8192 VALUES

 MAXIMUM ACCELERATION =  0.87392
 AT TIME              = 11.48 SEC
```

```
THE VALUES WILL BE MULTIPLIED BY A FACTOR =  1.000
TO GIVE NEW MAXIMUM ACCELERATION          =  0.87392

MEAN SQUARE FREQUENCY =        3.41 C/SEC.


 MAX ACCELERATION =    0.87394 FOR FREQUENCIES REMOVED ABOVE      40.00 C/SEC.

1******   OPTION  3  ***  READ WHERE OBJECT MOTION IS GIVEN

  OBJECT MOTION IN LAYER NUMBER   1 OUTCROPPING

1******   OPTION  4  ***  OBTAIN STRAIN COMPATIBLE SOIL PROPERTIES

 MAXIMUM NUMBER OF ITERATIONS                =   10
 MAXIMUM ERROR IN PERCENT                    =  5.00
 FACTOR FOR EFFECTIVE STRAIN IN TIME DOMAIN  =  0.65


    EARTHQUAKE   - deconvolution  from set 5 rot
    SOIL PROFILE -  Diablo Canyon, I-I SECTION W/ CUT S

 ITERATION NUMBER  1

 ................... SKIP TO NEXT SECTION

 ITERATION NUMBER  2

 ................... SKIP TO NEXT SECTION

1******   OPTION  5  ***  COMPUTE MOTION IN NEW SUBLAYERS

  EARTHQUAKE -deconvolution  from set 5 rot
 SOIL DEPOSIT -  Diablo Canyon, I-I SECTION W/ CUT S
```

LAYER	DEPTH FT	MAX. ACC. G	SEC	TIME C/SEC	MEAN SQ. FR. QUIET ZONE	ACC. RATIO ACC. RECORD	PUNCHED CARDS
OUTCR.	0.0	0.87394		11.48	3.41	0.000	0
WITHIN	11.0	0.87187		11.48	3.39	0.000	0
WITHIN	21.0	0.86632		11.48	3.32	0.000	0
WITHIN	31.0	0.85731		11.48	3.22	0.000	0
WITHIN	41.0	0.84498		11.48	3.09	0.000	0
WITHIN	51.0	0.82962		11.48	2.94	0.000	0
WITHIN	61.0	0.81152		11.48	2.80	0.000	0
WITHIN	71.0	0.79105		11.48	2.67	0.000	0
WITHIN	81.0	0.77068		11.47	2.56	0.000	0
WITHIN	91.0	0.75480		2.91	2.48	0.000	0
WITHIN	101.0	0.74377		2.91	2.43	0.000	0
WITHIN	111.0	0.73099		2.91	2.41	0.000	0
WITHIN	121.0	0.71616		2.91	2.41	0.000	0
WITHIN	131.0	0.69900		2.91	2.42	0.000	0
WITHIN	141.0	0.67921		2.91	2.45	0.000	0

```
1******   OPTION  5  ***  COMPUTE MOTION IN NEW SUBLAYERS

  EARTHQUAKE -deconvolution  from set 5 rot
 SOIL DEPOSIT -  Diablo Canyon, I-I SECTION W/ CUT S
```

LAYER	DEPTH FT	MAX. ACC. G	SEC	TIME C/SEC	MEAN SQ. FR. QUIET ZONE	ACC. RATIO ACC. RECORD	PUNCHED CARDS
OUTCR.	151.0	0.90337		11.44	3.59	0.000	0
WITHIN	161.0	0.68967		11.54	2.53	0.000	0
WITHIN	176.0	0.70753		11.54	2.56	0.000	0
WITHIN	191.0	0.72280		11.54	2.58	0.000	0
WITHIN	206.0	0.73584		11.55	2.60	0.000	0
WITHIN	221.0	0.75285		11.55	2.62	0.000	0
WITHIN	236.0	0.76630		11.55	2.66	0.000	0
WITHIN	251.0	0.77501		11.55	2.72	0.000	0
WITHIN	266.0	0.77774		11.55	2.78	0.000	0
WITHIN	281.0	0.77498		11.55	2.81	0.000	0
OUTCR.	301.0	0.75069		11.54	3.35	0.000	1024

SII5R46.PUN

```
                    XMAX=  0.7507deconvolotion  from set 5 rot
ACCELERATION VALUES AT OUTCROPPING LAYER 26 -  Diablo Canyon, I-I SECTION W/ CUT S
0.004973 0.005415 0.006207 0.006843 0.007849 0.008795 0.009626 0.010677      1
0.011481 0.012591 0.013766 0.014989 0.016311 0.017141 0.017937 0.018397      2
0.018692 0.019286 0.020139 0.022205 0.025378 0.029373 0.033658 0.037363      3
0.040900 0.043893 0.046297 0.048052 0.048764 0.049574 0.051113 0.054121      4
0.057956 0.060168 0.059929 0.056767 0.051669 0.046427 0.041776 0.038911      5
0.037941 0.038606 0.039752 0.039401 0.038053 0.036028 0.032660 0.028715      6
0.026593 0.027572 0.029522 0.031135 0.032779 0.034441 0.035114 0.033027      7
0.030517 0.031762 0.037551 0.046174 0.054324 0.060197 0.064109 0.067590      8
0.071923 0.074661 0.073331 0.068365 0.061665 0.055555 0.051395 0.049857      9
0.049618 0.049043 0.048864 0.051655 0.060606 0.074438 0.088395 0.098084     10
0.101432 0.100465 0.094662 0.084015 0.074581 0.070156 0.069937 0.070750     11
0.071654 0.073816 0.075091 0.074746 0.071332 0.061673 0.048074 0.037344     12
0.037125 0.046008 0.054303 0.056999 0.054582 0.052281 0.054851 0.062359     13
0.075751 0.095687 0.117436 0.129824 0.126482 0.112381 0.095584 0.088256     14
0.102379 0.135758 0.167081 0.171658 0.149102 0.116978 0.088971 0.070570     15
0.058356 0.046202 0.027474 0.002039-0.014966-0.012035 0.007244 0.032626     16
0.053372 0.059240 0.042657 0.012740-0.005927 0.003766 0.035382 0.064335     17
0.073467 0.064729 0.051686 0.049712 0.070014 0.117011 0.169879 0.187468     18

................... LINES SKIPPED

-0.000010-0.000017 0.000030-0.000039 0.000024-0.000009-0.000020 0.000031   1005
-0.000042 0.000025-0.000011-0.000020 0.000030-0.000043 0.000025-0.000011   1006
-0.000021 0.000031-0.000043 0.000024-0.000011-0.000021 0.000031-0.000044   1007
 0.000025-0.000012-0.000022 0.000031-0.000044 0.000025-0.000012-0.000022   1008
 0.000031-0.000045 0.000025-0.000012-0.000023 0.000031-0.000046 0.000025   1009
-0.000013-0.000023 0.000031-0.000046 0.000024-0.000013-0.000024 0.000031   1010
-0.000048 0.000024-0.000014-0.000025 0.000031-0.000049 0.000024-0.000014   1011
-0.000026 0.000031-0.000050 0.000024-0.000015-0.000027 0.000031-0.000051   1012
 0.000024-0.000015-0.000027 0.000031-0.000052 0.000024-0.000016-0.000028   1013
 0.000031-0.000054 0.000023-0.000017-0.000029 0.000031-0.000055 0.000023   1014
-0.000018-0.000031 0.000031-0.000057 0.000023-0.000019-0.000032 0.000030   1015
-0.000058 0.000022-0.000020-0.000033 0.000029-0.000060 0.000021-0.000022   1016
-0.000035 0.000028-0.000062 0.000020-0.000023-0.000037 0.000027-0.000064   1017
 0.000019-0.000025-0.000038 0.000026-0.000067 0.000018-0.000028-0.000040   1018
 0.000024-0.000070 0.000016-0.000031-0.000043 0.000021-0.000073 0.000014   1019
-0.000035-0.000046 0.000018-0.000077 0.000011-0.000040-0.000049 0.000013   1020
-0.000082 0.000007-0.000047-0.000053 0.000006-0.000089 0.000001-0.000057   1021
-0.000058-0.000005-0.000097-0.000006-0.000072-0.000063-0.000023-0.000109   1022
-0.000018-0.000101-0.000065-0.000064-0.000125-0.000034-0.000193 0.000021   1023
-0.000314-0.000858 0.000247 0.001178 0.001795 0.002830 0.003426 0.004306   1024
```

CNEWIS1.Q4I

```
CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
UNITS (E for English, S for SI):                          *** (A1)          ***
E
      DRF       PRM    ROCKVP    ROCKVS   ROCKRHO         *** (5F10.0)      ***
        1      0.65     15570      5900       150
 NELM NDPT NSLP                                           *** (3I5)         ***
 4999 5129    0
NGMAX NGEQ N1EQ N2EQ N3EQ NUMB   NV NSAV                  *** (8I5)         ***
 9625 9625    1    1 9625    4    1    0
     DTEQ    BCMUL1    BCMUL2    UGMAX1    UGMAX2 HDRX HDRY MPLX MPLY  PRINPUT ***
(5F10.0,4I5,F10.0) ***
    0.005       1.0                               2    0    0    0     0.23
EARTHQUAKE INPUT FILE NAME(S) & FORMAT(S) (* for FREE FORMAT)  *** (A)      ***
SIIIR46.FUN
(8f9.6)
 SOUT AOUT KOUT                                           *** (3I5)         ***
    0    1    0
 ACCELERATION OUTPUT FORMAT (M or C), FILE PREFIX, AND SUFFIX:  *** (A)
****
MULTIPLE
IIIR46
Q4A
    N  NP1  NP2  NP3  NP4 TYPE      DENS        PO       GMX         G       XL LSTR
*** (6I5,5F10.0,I5) ***
    1    1    2   28   27    1    140.00      0.37  69565.22  69565.22  0.02000
    2    2    3   29   28    1    140.00      0.37  69565.22  69565.22  0.02000
    3    3    4   30   29    1    140.00      0.37  69565.22  69565.22  0.02000
    4    4    5   31   30    1    140.00      0.37  69565.22  69565.22  0.02000
    5    5    6   32   31    1    140.00      0.37  69565.22  69565.22  0.02000
    6    6    7   33   32    1    140.00      0.37  69565.22  69565.22  0.02000
    7    7    8   34   33    1    140.00      0.37  69565.22  69565.22  0.02000
    8    8    9   35   34    1    140.00      0.37  69565.22  69565.22  0.02000
    9    9   10   36   35    1    140.00      0.37  69565.22  69565.22  0.02000
   10   10   11   37   36    1    140.00      0.37  69565.22  69565.22  0.02000
   11   11   12   38   37    1    140.00      0.37  69565.22  69565.22  0.02000
   12   12   13   39   38    1    140.00      0.37  69565.22  69565.22  0.02000
   13   13   14   40   39    1    140.00      0.37  69565.22  69565.22  0.02000
   14   14   15   41   40    1    140.00      0.37  69565.22  69565.22  0.02000
   15   15   16   42   41    1    140.00      0.37  69565.22  69565.22  0.02000
   16   16   17   43   42    1    140.00      0.37  69565.22  69565.22  0.02000
   17   17   18   44   43    2    145.00      0.35 103751.55 103751.55  0.02000
   18   18   19   45   44    2    145.00      0.35 103751.55 103751.55  0.02000
   19   19   20   46   45    2    145.00      0.35 103751.55 103751.55  0.02000
   20   20   21   47   46    2    145.00      0.35 103751.55 103751.55  0.02000
   21   21   22   48   47    2    145.00      0.35 103751.55 103751.55  0.02000
   22   22   23   49   48    2    145.00      0.35 103751.55 103751.55  0.02000
   23   23   24   50   49    2    145.00      0.35 103751.55 103751.55  0.02000
   24   24   25   51   50    3    150.00      0.35 162150.38 162150.38  0.02000
   25   25   26   52   51    3    150.00      0.35 162150.38 162150.38  0.02000
   26   27   28   54   53    1    140.00      0.37  69565.22  69565.22  0.02000
   27   28   29   55   54    1    140.00      0.37  69565.22  69565.22  0.02000
   28   29   30   56   55    1    140.00      0.37  69565.22  69565.22  0.02000
   29   30   31   57   56    1    140.00      0.37  69565.22  69565.22  0.02000
   30   31   32   58   57    1    140.00      0.37  69565.22  69565.22  0.02000
   31   32   33   59   58    1    140.00      0.37  69565.22  69565.22  0.02000
   32   33   34   60   59    1    140.00      0.37  69565.22  69565.22  0.02000
   33   34   35   61   60    1    140.00      0.37  69565.22  69565.22  0.02000
   34   35   36   62   61    1    140.00      0.37  69565.22  69565.22  0.02000
   35   36   37   63   62    1    140.00      0.37  69565.22  69565.22  0.02000
   36   37   38   64   63    1    140.00      0.37  69565.22  69565.22  0.02000
   37   38   39   65   64    1    140.00      0.37  69565.22  69565.22  0.02000
   38   39   40   66   65    1    140.00      0.37  69565.22  69565.22  0.02000
   39   40   41   67   66    1    140.00      0.37  69565.22  69565.22  0.02000
   40   41   42   68   67    1    140.00      0.37  69565.22  69565.22  0.02000
   41   42   43   69   68    1    140.00      0.37  69565.22  69565.22  0.02000
   42   43   44   70   69    2    145.00      0.35 103751.55 103751.55  0.02000
   43   44   45   71   70    2    145.00      0.35 103751.55 103751.55  0.02000
   44   45   46   72   71    2    145.00      0.35 103751.55 103751.55  0.02000
   45   46   47   73   72    2    145.00      0.35 103751.55 103751.55  0.02000
   46   47   48   74   73    2    145.00      0.35 103751.55 103751.55  0.02000
   47   48   49   75   74    2    145.00      0.35 103751.55 103751.55  0.02000
   48   49   50   76   75    2    145.00      0.35 103751.55 103751.55  0.02000
   49   50   51   77   76    3    150.00      0.35 162150.38 162150.38  0.02000
   50   51   52   78   77    3    150.00      0.35 162150.38 162150.38  0.02000
   51   53   54   80   79    1    140.00      0.37  69565.22  69565.22  0.02000
   52   54   55   81   80    1    140.00      0.37  69565.22  69565.22  0.02000
   53   55   56   82   81    1    140.00      0.37  69565.22  69565.22  0.02000
   54   56   57   83   82    1    140.00      0.37  69565.22  69565.22  0.02000
   55   57   58   84   83    1    140.00      0.37  69565.22  69565.22  0.02000
   56   58   59   85   84    1    140.00      0.37  69565.22  69565.22  0.02000
   57   59   60   86   85    1    140.00      0.37  69565.22  69565.22  0.02000
   58   60   61   87   86    1    140.00      0.37  69565.22  69565.22  0.02000
   59   61   62   88   87    1    140.00      0.37  69565.22  69565.22  0.02000
   60   62   63   89   88    1    140.00      0.37  69565.22  69565.22  0.02000
   61   63   64   90   89    1    140.00      0.37  69565.22  69565.22  0.02000
   62   64   65   91   90    1    140.00      0.37  69565.22  69565.22  0.02000
   63   65   66   92   91    1    140.00      0.37  69565.22  69565.22  0.02000
   64   66   67   93   92    1    140.00      0.37  69565.22  69565.22  0.02000
   65   67   68   94   93    1    140.00      0.37  69565.22  69565.22  0.02000
   66   68   69   95   94    1    140.00      0.37  69565.22  69565.22  0.02000
   67   69   70   96   95    2    145.00      0.35 103751.55 103751.55  0.02000
   68   70   71   97   96    2    145.00      0.35 103751.55 103751.55  0.02000
   69   71   72   98   97    2    145.00      0.35 103751.55 103751.55  0.02000
   70   72   73   99   98    2    145.00      0.35 103751.55 103751.55  0.02000
   71   73   74  100   99    2    145.00      0.35 103751.55 103751.55  0.02000
   72   74   75  101  100    2    145.00      0.35 103751.55 103751.55  0.02000
   73   75   76  102  101    2    145.00      0.35 103751.55 103751.55  0.02000
   74   76   77  103  102    3    150.00      0.35 162150.38 162150.38  0.02000
   75   77   78  104  103    3    150.00      0.35 162150.38 162150.38  0.02000
   76   79   80  106  105    1    140.00      0.37  69565.22  69565.22  0.02000
   77   80   81  107  106    1    140.00      0.37  69565.22  69565.22  0.02000
   78   81   82  108  107    1    140.00      0.37  69565.22  69565.22  0.02000
   79   82   83  109  108    1    140.00      0.37  69565.22  69565.22  0.02000
   80   83   84  110  109    1    140.00      0.37  69565.22  69565.22  0.02000
   81   84   85  111  110    1    140.00      0.37  69565.22  69565.22  0.02000
   82   85   86  112  111    1    140.00      0.37  69565.22  69565.22  0.02000
   83   86   87  113  112    1    140.00      0.37  69565.22  69565.22  0.02000
   84   87   88  114  113    1    140.00      0.37  69565.22  69565.22  0.02000
   85   88   89  115  114    1    140.00      0.37  69565.22  69565.22  0.02000
   86   89   90  116  115    1    140.00      0.37  69565.22  69565.22  0.02000
   87   90   91  117  116    1    140.00      0.37  69565.22  69565.22  0.02000
   88   91   92  118  117    1    140.00      0.37  69565.22  69565.22  0.02000
   89   92   93  119  118    1    140.00      0.37  69565.22  69565.22  0.02000
   90   93   94  120  119    1    140.00      0.37  69565.22  69565.22  0.02000
   91   94   95  121  120    1    140.00      0.37  69565.22  69565.22  0.02000
   92   95   96  122  121    2    145.00      0.35 103751.55 103751.55  0.02000
   93   96   97  123  122    2    145.00      0.35 103751.55 103751.55  0.02000
   94   97   98  124  123    2    145.00      0.35 103751.55 103751.55  0.02000
   95   98   99  125  124    2    145.00      0.35 103751.55 103751.55  0.02000
   96   99  100  126  125    2    145.00      0.35 103751.55 103751.55  0.02000
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  174  180  181  207  206    3    150.00      0.35 162150.38 162150.38  0.02000
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  176  183  184  210  209    1    140.00      0.37  69565.22  69565.22  0.02000
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  185  192  193  219  218    1    140.00      0.37  69565.22  69565.22  0.02000
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  187  194  195  221  220    1    140.00      0.37  69565.22  69565.22  0.02000
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  203  211  212  238  237    1    140.00      0.37  69565.22  69565.22  0.02000
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  205  213  214  240  239    1    140.00      0.37  69565.22  69565.22  0.02000
  206  214  215  241  240    1    140.00      0.37  69565.22  69565.22  0.02000
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220	228	229	255	254	2	145.00	0.35	103751.55	103751.55	0.02000
221	229	230	256	255	2	145.00	0.35	103751.55	103751.55	0.02000
222	230	231	257	256	2	145.00	0.35	103751.55	103751.55	0.02000
223	231	232	258	257	2	145.00	0.35	103751.55	103751.55	0.02000
224	232	233	259	258	3	150.00	0.35	162150.30	162150.30	0.02000
225	233	234	260	259	3	150.00	0.35	162150.30	162150.30	0.02000
226	235	236	262	261	1	140.00	0.37	69565.22	69565.22	0.02000
227	236	237	263	262	1	140.00	0.37	69565.22	69565.22	0.02000
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230	239	240	266	265	1	140.00	0.37	69565.22	69565.22	0.02000
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238	247	248	274	273	1	140.00	0.37	69565.22	69565.22	0.02000
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241	250	251	277	276	1	140.00	0.37	69565.22	69565.22	0.02000
242	251	252	278	277	2	145.00	0.35	103751.55	103751.55	0.02000
243	252	253	279	278	2	145.00	0.35	103751.55	103751.55	0.02000
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245	254	255	281	280	2	145.00	0.35	103751.55	103751.55	0.02000
246	255	256	282	281	2	145.00	0.35	103751.55	103751.55	0.02000
247	256	257	283	282	2	145.00	0.35	103751.55	103751.55	0.02000
248	257	258	284	283	2	145.00	0.35	103751.55	103751.55	0.02000
249	258	259	285	284	3	150.00	0.35	162150.30	162150.30	0.02000
250	259	260	286	285	3	150.00	0.35	162150.30	162150.30	0.02000
251	261	262	288	287	1	140.00	0.37	69565.22	69565.22	0.02000
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253	263	264	290	289	1	140.00	0.37	69565.22	69565.22	0.02000
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257	267	268	294	293	1	140.00	0.37	69565.22	69565.22	0.02000
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264	274	275	301	300	1	140.00	0.37	69565.22	69565.22	0.02000
265	275	276	302	301	1	140.00	0.37	69565.22	69565.22	0.02000
266	276	277	303	302	1	140.00	0.37	69565.22	69565.22	0.02000
267	277	278	304	303	2	145.00	0.35	103751.55	103751.55	0.02000
268	278	279	305	304	2	145.00	0.35	103751.55	103751.55	0.02000
269	279	280	306	305	2	145.00	0.35	103751.55	103751.55	0.02000
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276	287	288	314	313	1	140.00	0.37	69565.22	69565.22	0.02000
277	288	289	315	314	1	140.00	0.37	69565.22	69565.22	0.02000
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295	306	307	333	332	2	145.00	0.35	103751.55	103751.55	0.02000
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315	327	328	354	353	1	140.00	0.37	69565.22	69565.22	0.02000
316	328	329	355	354	1	140.00	0.37	69565.22	69565.22	0.02000
317	329	330	356	355	2	145.00	0.35	103751.55	103751.55	0.02000
318	330	331	357	356	2	145.00	0.35	103751.55	103751.55	0.02000
319	331	332	358	357	2	145.00	0.35	103751.55	103751.55	0.02000
320	332	333	359	358	2	145.00	0.35	103751.55	103751.55	0.02000
321	333	334	360	359	2	145.00	0.35	103751.55	103751.55	0.02000
322	334	335	361	360	2	145.00	0.35	103751.55	103751.55	0.02000
323	335	336	362	361	2	145.00	0.35	103751.55	103751.55	0.02000
324	336	337	363	362	3	150.00	0.35	162150.30	162150.30	0.02000
325	337	338	364	363	3	150.00	0.35	162150.30	162150.30	0.02000
326	339	340	366	365	1	140.00	0.37	69565.22	69565.22	0.02000
327	340	341	367	366	1	140.00	0.37	69565.22	69565.22	0.02000
328	341	342	368	367	1	140.00	0.37	69565.22	69565.22	0.02000
329	342	343	369	368	1	140.00	0.37	69565.22	69565.22	0.02000
330	343	344	370	369	1	140.00	0.37	69565.22	69565.22	0.02000
331	344	345	371	370	1	140.00	0.37	69565.22	69565.22	0.02000
332	345	346	372	371	1	140.00	0.37	69565.22	69565.22	0.02000
333	346	347	373	372	1	140.00	0.37	69565.22	69565.22	0.02000
334	347	348	374	373	1	140.00	0.37	69565.22	69565.22	0.02000
335	348	349	375	374	1	140.00	0.37	69565.22	69565.22	0.02000
336	349	350	376	375	1	140.00	0.37	69565.22	69565.22	0.02000
337	350	351	377	376	1	140.00	0.37	69565.22	69565.22	0.02000
338	351	352	378	377	1	140.00	0.37	69565.22	69565.22	0.02000
339	352	353	379	378	1	140.00	0.37	69565.22	69565.22	0.02000
340	353	354	380	379	1	140.00	0.37	69565.22	69565.22	0.02000
341	354	355	381	380	1	140.00	0.37	69565.22	69565.22	0.02000
342	355	356	382	381	2	145.00	0.35	103751.55	103751.55	0.02000
343	356	357	383	382	2	145.00	0.35	103751.55	103751.55	0.02000
344	357	358	384	383	2	145.00	0.35	103751.55	103751.55	0.02000
345	358	359	385	384	2	145.00	0.35	103751.55	103751.55	0.02000
346	359	360	386	385	2	145.00	0.35	103751.55	103751.55	0.02000
347	360	361	387	386	2	145.00	0.35	103751.55	103751.55	0.02000
348	361	362	388	387	2	145.00	0.35	103751.55	103751.55	0.02000
349	362	363	389	388	3	150.00	0.35	162150.30	162150.30	0.02000
350	363	364	390	389	3	150.00	0.35	162150.30	162150.30	0.02000
351	365	366	392	391	1	140.00	0.37	69565.22	69565.22	0.02000
352	366	367	393	392	1	140.00	0.37	69565.22	69565.22	0.02000
353	367	368	394	393	1	140.00	0.37	69565.22	69565.22	0.02000
354	368	369	395	394	1	140.00	0.37	69565.22	69565.22	0.02000
355	369	370	396	395	1	140.00	0.37	69565.22	69565.22	0.02000
356	370	371	397	396	1	140.00	0.37	69565.22	69565.22	0.02000
357	371	372	398	397	1	140.00	0.37	69565.22	69565.22	0.02000
358	372	373	399	398	1	140.00	0.37	69565.22	69565.22	0.02000
359	373	374	400	399	1	140.00	0.37	69565.22	69565.22	0.02000
360	374	375	401	400	1	140.00	0.37	69565.22	69565.22	0.02000
361	375	376	402	401	1	140.00	0.37	69565.22	69565.22	0.02000
362	376	377	403	402	1	140.00	0.37	69565.22	69565.22	0.02000
363	377	378	404	403	1	140.00	0.37	69565.22	69565.22	0.02000
364	379	379	405	404	1	140.00	0.37	69565.22	69565.22	0.02000
365	379	380	406	405	1	140.00	0.37	69565.22	69565.22	0.02000
366	380	381	407	406	1	140.00	0.37	69565.22	69565.22	0.02000
367	381	382	408	407	2	145.00	0.35	103751.55	103751.55	0.02000
368	382	383	409	408	2	145.00	0.35	103751.55	103751.55	0.02000
369	383	384	410	409	2	145.00	0.35	103751.55	103751.55	0.02000
370	384	385	411	410	2	145.00	0.35	103751.55	103751.55	0.02000
371	385	386	412	411	2	145.00	0.35	103751.55	103751.55	0.02000
372	386	387	413	412	2	145.00	0.35	103751.55	103751.55	0.02000
373	387	388	414	413	2	145.00	0.35	103751.55	103751.55	0.02000
374	389	389	415	414	3	150.00	0.35	162150.30	162150.30	0.02000
375	389	390	416	415	3	150.00	0.35	162150.30	162150.30	0.02000
376	391	392	418	417	1	140.00	0.37	69565.22	69565.22	0.02000
377	392	393	419	418	1	140.00	0.37	69565.22	69565.22	0.02000
378	393	394	420	419	1	140.00	0.37	69565.22	69565.22	0.02000
379	394	395	421	420	1	140.00	0.37	69565.22	69565.22	0.02000
380	395	396	422	421	1	140.00	0.37	69565.22	69565.22	0.02000
381	396	397	423	422	1	140.00	0.37	69565.22	69565.22	0.02000
382	397	398	424	423	1	140.00	0.37	69565.22	69565.22	0.02000
383	398	399	425	424	1	140.00	0.37	69565.22	69565.22	0.02000
384	399	400	426	425	1	140.00	0.37	69565.22	69565.22	0.02000
385	400	401	427	426	1	140.00	0.37	69565.22	69565.22	0.02000
386	401	402	428	427	1	140.00	0.37	69565.22	69565.22	0.02000
387	402	403	429	428	1	140.00	0.37	69565.22	69565.22	0.02000
388	403	404	430	429	1	140.00	0.37	69565.22	69565.22	0.02000
389	404	405	431	430	1	140.00	0.37	69565.22	69565.22	0.02000
390	405	406	432	431	1	140.00	0.37	69565.22	69565.22	0.02000
391	406	407	433	432	1	140.00	0.37	69565.22	69565.22	0.02000
392	407	408	434	433	2	145.00	0.35	103751.55	103751.55	0.02000
393	408	409	435	434	2	145.00	0.35	103751.55	103751.55	0.02000
394	409	410	436	435	2	145.00	0.35	103751.55	103751.55	0.02000
395	410	411	437	436	2	145.00	0.35	103751.55	103751.55	0.02000
396	411	412	438	437	2	145.00	0.35	103751.55	103751.55	0.02000
397	412	413	439	438	2	145.00	0.35	103751.55	103751.55	0.02000
398	413	414	440	439	2	145.00	0.35	103751.55	103751.55	0.02000
399	414	415	441	440	3	150.00	0.35	162150.30	162150.30	0.02000
400	415	416	442	441	3	150.00	0.35	162150.30	162150.30	0.02000
401	417	418	444	443	1	140.00	0.37	69565.22	69565.22	0.02000
402	418	419	445	444	1	140.00	0.37	69565.22	69565.22	0.02000
403	419	420	446	445	1	140.00	0.37	69565.22	69565.22	0.02000
404	420	421	447	446	1	140.00	0.37	69565.22	69565.22	0.02000
405	421	422	448	447	1	140.00	0.37	69565.22	69565.22	0.02000
406	422	423	449	448	1	140.00	0.37	69565.22	69565.22	0.02000
407	423	424	450	449	1	140.00	0.37	69565.22	69565.22	0.02000
408	424	425	451	450	1	140.00	0.37	69565.22	69565.22	0.02000
409	425	426	452	451	1	140.00	0.37	69565.22	69565.22	0.02000
410	426	427	453	452	1	140.00	0.37	69565.22	69565.22	0.02000
411	427	428	454	453	1	140.00	0.37	69565.22	69565.22	0.02000
412	428	429	455	454	1	140.00	0.37	69565.22	69565.22	0.02000
413	429	430	456	455	1	140.00	0.37	69565.22	69565.22	0.02000
414	430	431	457	456	1	140.00	0.37	69565.22	69565.22	0.02000
415	431	432	458	457	1	140.00	0.37	69565.22	69565.22	0.02000
416	432	433	459	458	1	140.00	0.37	69565.22	69565.22	0.02000
417	433	434	460	459	2	145.00	0.35	103751.55	103751.55	0.02000
418	434	435	461	460	2	145.00	0.35	103751.55	103751.55	0.02000
419	435	436	462	461	2	145.00	0.35	103751.55	103751.55	0.02000
420	436	437	463	462	2	145.00	0.35	103751.55	103751.55	0.02000
421	437	438	464	463	2	145.00	0.35	103751.55	103751.55	0.02000
422	438	439	465	464	2	145.00	0.35	103751.55	103751.55	0.02000
423	439	440	466	465	2	145.00	0.35	103751.55	103751.55	0.02000
424	440	441	467	466	3	150.00	0.35	162150.30	162150.30	0.02000
425	441	442	468	467	3	150.00	0.35	162150.30	162150.30	0.02000
426	470	469	443	443	1	140.00	0.37	69565.22	69565.22	0.02000
427	443	444	471	470	1	140.00	0.37	69565.22	69565.22	0.02000
428	444	445	472	471	1	140.00	0.37	69565.22	69565.22	0.02000
429	445	446	473	472	1	140.00	0.37	69565.22	69565.22	0.02000
430	446	447	474	473	1	140.00	0.37	69565.22	69565.22	0.02000
431	447	448	475	474	1	140.00	0.37	69565.22	69565.22	0.02000
432	448	449	476	475	1	140.00	0.37	69565.22	69565.22	0.02000
433	449	450	477	476	1	140.00	0.37	69565.22	69565.22	0.02000
434	450	451	478	477	1	140.00	0.37	69565.22	69565.22	0.02000
435	451	452	479	478	1	140.00	0.37	69565.22	69565.22	0.02000
436	452	453	480	479	1	140.00	0.37	69565.22	69565.22	0.02000
437	453	454	481	480	1	140.00	0.37	69565.22	69565.22	0.02000
438	454	455	482	481	1	140.00	0.37	69565.22	69565.22	0.02000
439	455	456	483	482	1	140.00	0.37	69565.22	69565.22	0.02000
440	456	457	484	483	1	140.00	0.37	69565.22	69565.22	0.02000
441	457	458	485	484	1	140.00	0.37	69565.22	69565.22	0.02000
442	458	459	486	485	1	140.00	0.37	69565.22	69565.22	0.02000
443	459	460	487	486	2	145.00	0.35	103751.55	103751.55	0.02000
444	460	461	488	487	2	145.00	0.35	103751.55	103751.55	0.02000
445	461	462	489	488	2	145.00	0.35	103751.55	103751.55	0.02000
446	462	463	490	489	2	145.00	0.35	103751.55	103751.55	0.02000
447	463	464	491	490	2	145.00	0.35	103751.55	103751.55	0.02000
448	464	465	492	491	2	145.00	0.35	103751.55	103751.55	0.02000
449	465	466	493	492	3	150.00	0.35	162150.30	162150.30	0.02000
450	466	467	494	493	3	150.00	0.35	162150.30	162150.30	0.02000
451	467	468	495	494	3	150.00	0.35	162150.30	162150.30	0.02000
452	469	470	497	496	1	140.00	0.37	69565.22	69565.22	0.02000
453	470	471	498	497	1	140.00	0.37	69565.22	69565.22	0.02000
454	471	472	499	498	1	140.00	0.37	69565.22	69565.22	0.02000
455	472	473	500	499	1	140.00	0.37	69565.22	69565.22	0.02000
456	473	474	501	500	1	140.00	0.37	69565.22	69565.22	0.02000
457	474	475	502	501	1	140.00	0.37	69565.22	69565.22	0.02000
458	475	476	503	502	1	140.00	0.37	69565.22	69565.22	0.02000
459	476	477	504	503	1	140.00	0.37	69565.22	69565.22	0.02000
460	477	478	505	504	1	140.00	0.37	69565.22	69565.22	0.02000
461	478	479	506	505	1	140.00	0.37	69565.22	69565.22	0.02000
462	479	480	507	506	1	140.00	0.37	69565.22	69565.22	0.02000
463	480	481	508	507	1	140.00	0.37	69565.22	69565.22	0.02000
464	481	482	509	508	1	140.00	0.37	69565.22	69565.22	0.02000
465	482	483	510	509	1	140.00	0.37	69565.22	69565.22	0.02000
466	483	484	511	510	1	140.00	0.37	69565.22	69565.22	0.02000
467	484	485	512	511	1	140.00	0.37	69565.22	69565.22	0.02000
468	485	486	513	512	2	145.00	0.35	103751.55	103751.55	0.02000
469	486	487	514	513	2	145.00	0.35	103751.55	103751.55	0.02000
470	487	488	515	514	2	145.00	0.35	103751.55	103751.55	0.02000

471	488	489	516	515	2	145.00	0.35	103751.55	103751.55	0.02000
472	489	490	517	516	2	145.00	0.35	103751.55	103751.55	0.02000
473	490	491	518	517	2	145.00	0.35	103751.55	103751.55	0.02000
474	491	492	519	518	2	145.00	0.35	103751.55	103751.55	0.02000
475	492	493	520	519	3	150.00	0.35	162150.30	162150.30	0.02000
476	493	494	521	520	3	150.00	0.35	162150.30	162150.30	0.02000
477	494	495	522	521	3	150.00	0.35	162150.30	162150.30	0.02000
478	496	497	524	523	1	140.00	0.37	69565.22	69565.22	0.02000
479	497	498	525	524	1	140.00	0.37	69565.22	69565.22	0.02000
480	498	499	526	525	1	140.00	0.37	69565.22	69565.22	0.02000
481	499	500	527	526	1	140.00	0.37	69565.22	69565.22	0.02000
482	500	501	528	527	1	140.00	0.37	69565.22	69565.22	0.02000
483	501	502	529	528	1	140.00	0.37	69565.22	69565.22	0.02000
484	502	503	530	529	1	140.00	0.37	69565.22	69565.22	0.02000
485	503	504	531	530	1	140.00	0.37	69565.22	69565.22	0.02000
486	504	505	532	531	1	140.00	0.37	69565.22	69565.22	0.02000
487	505	506	533	532	1	140.00	0.37	69565.22	69565.22	0.02000
488	506	507	534	533	1	140.00	0.37	69565.22	69565.22	0.02000
489	507	508	535	534	1	140.00	0.37	69565.22	69565.22	0.02000
490	508	509	536	535	1	140.00	0.37	69565.22	69565.22	0.02000
491	509	510	537	536	1	140.00	0.37	69565.22	69565.22	0.02000
492	510	511	538	537	1	140.00	0.37	69565.22	69565.22	0.02000
493	511	512	539	538	1	140.00	0.37	69565.22	69565.22	0.02000
494	512	513	540	539	2	145.00	0.35	103751.55	103751.55	0.02000
495	513	514	541	540	2	145.00	0.35	103751.55	103751.55	0.02000
496	514	515	542	541	2	145.00	0.35	103751.55	103751.55	0.02000
497	515	516	543	542	2	145.00	0.35	103751.55	103751.55	0.02000
498	516	517	544	543	2	145.00	0.35	103751.55	103751.55	0.02000
499	517	518	545	544	2	145.00	0.35	103751.55	103751.55	0.02000
500	518	519	546	545	2	145.00	0.35	103751.55	103751.55	0.02000
501	519	520	547	546	3	150.00	0.38	162150.30	162150.30	0.02000
502	520	521	548	547	3	150.00	0.38	162150.30	162150.30	0.02000
503	521	522	549	548	3	150.00	0.38	162150.30	162150.30	0.02000
504	523	524	551	550	1	140.00	0.37	69565.22	69565.22	0.02000
505	524	525	552	551	1	140.00	0.37	69565.22	69565.22	0.02000
506	525	526	553	552	1	140.00	0.37	69565.22	69565.22	0.02000
507	526	527	554	553	1	140.00	0.37	69565.22	69565.22	0.02000
508	527	528	555	554	1	140.00	0.37	69565.22	69565.22	0.02000
509	528	529	556	555	1	140.00	0.37	69565.22	69565.22	0.02000
510	529	530	557	556	1	140.00	0.37	69565.22	69565.22	0.02000
511	530	531	558	557	1	140.00	0.37	69565.22	69565.22	0.02000
512	531	532	559	558	1	140.00	0.37	69565.22	69565.22	0.02000
513	532	533	560	559	1	140.00	0.37	69565.22	69565.22	0.02000
514	533	534	561	560	1	140.00	0.37	69565.22	69565.22	0.02000
515	534	535	562	561	1	140.00	0.37	69565.22	69565.22	0.02000
516	535	536	563	562	1	140.00	0.37	69565.22	69565.22	0.02000
517	536	537	564	563	1	140.00	0.37	69565.22	69565.22	0.02000
518	537	538	565	564	1	140.00	0.37	69565.22	69565.22	0.02000
519	538	539	566	565	1	140.00	0.37	69565.22	69565.22	0.02000
520	539	540	567	566	2	145.00	0.35	103751.55	103751.55	0.02000
521	540	541	568	567	2	145.00	0.35	103751.55	103751.55	0.02000
522	541	542	569	568	2	145.00	0.35	103751.55	103751.55	0.02000
523	542	543	570	569	2	145.00	0.35	103751.55	103751.55	0.02000
524	543	544	571	570	2	145.00	0.35	103751.55	103751.55	0.02000
525	544	545	572	571	2	145.00	0.35	103751.55	103751.55	0.02000
526	545	546	573	572	2	145.00	0.35	103751.55	103751.55	0.02000
527	546	547	574	573	3	150.00	0.38	162150.30	162150.30	0.02000
528	547	548	575	574	3	150.00	0.38	162150.30	162150.30	0.02000
529	548	549	576	575	3	150.00	0.38	162150.30	162150.30	0.02000
530	550	551	578	577	1	140.00	0.37	69565.22	69565.22	0.02000
531	551	552	579	578	1	140.00	0.37	69565.22	69565.22	0.02000
532	552	553	580	579	1	140.00	0.37	69565.22	69565.22	0.02000
533	553	554	581	580	1	140.00	0.37	69565.22	69565.22	0.02000
534	554	555	582	581	1	140.00	0.37	69565.22	69565.22	0.02000
535	555	556	583	582	1	140.00	0.37	69565.22	69565.22	0.02000
536	556	557	584	583	1	140.00	0.37	69565.22	69565.22	0.02000
537	557	558	585	584	1	140.00	0.37	69565.22	69565.22	0.02000
538	558	559	586	585	1	140.00	0.37	69565.22	69565.22	0.02000
539	559	560	587	586	1	140.00	0.37	69565.22	69565.22	0.02000
540	560	561	588	587	1	140.00	0.37	69565.22	69565.22	0.02000
541	561	562	589	588	1	140.00	0.37	69565.22	69565.22	0.02000
542	562	563	590	589	1	140.00	0.37	69565.22	69565.22	0.02000
543	563	564	591	590	1	140.00	0.37	69565.22	69565.22	0.02000
544	564	565	592	591	1	140.00	0.37	69565.22	69565.22	0.02000
545	565	566	593	592	2	145.00	0.35	103751.55	103751.55	0.02000
546	566	567	594	593	2	145.00	0.35	103751.55	103751.55	0.02000
547	567	568	595	594	2	145.00	0.35	103751.55	103751.55	0.02000
548	568	569	596	595	2	145.00	0.35	103751.55	103751.55	0.02000
549	569	570	597	596	2	145.00	0.35	103751.55	103751.55	0.02000
550	570	571	598	597	2	145.00	0.35	103751.55	103751.55	0.02000
551	571	572	599	598	2	145.00	0.35	103751.55	103751.55	0.02000
552	572	573	600	599	2	145.00	0.35	103751.55	103751.55	0.02000
553	573	574	601	600	3	150.00	0.38	162150.30	162150.30	0.02000
554	574	575	602	601	3	150.00	0.38	162150.30	162150.30	0.02000
555	575	576	603	602	3	150.00	0.38	162150.30	162150.30	0.02000
556	577	578	605	604	1	140.00	0.37	69565.22	69565.22	0.02000
557	578	579	606	605	1	140.00	0.37	69565.22	69565.22	0.02000
558	579	580	607	606	1	140.00	0.37	69565.22	69565.22	0.02000
559	580	581	608	607	1	140.00	0.37	69565.22	69565.22	0.02000
560	581	582	609	608	1	140.00	0.37	69565.22	69565.22	0.02000
561	582	583	610	609	1	140.00	0.37	69565.22	69565.22	0.02000
562	583	584	611	610	1	140.00	0.37	69565.22	69565.22	0.02000
563	584	585	612	611	1	140.00	0.37	69565.22	69565.22	0.02000
564	585	586	613	612	1	140.00	0.37	69565.22	69565.22	0.02000
565	586	587	614	613	1	140.00	0.37	69565.22	69565.22	0.02000
566	587	588	615	614	1	140.00	0.37	69565.22	69565.22	0.02000
567	588	589	616	615	1	140.00	0.37	69565.22	69565.22	0.02000
568	589	590	617	616	1	140.00	0.37	69565.22	69565.22	0.02000
569	590	591	618	617	1	140.00	0.37	69565.22	69565.22	0.02000
570	591	592	619	618	1	140.00	0.37	69565.22	69565.22	0.02000
571	592	593	620	619	2	145.00	0.35	103751.55	103751.55	0.02000
572	593	594	621	620	2	145.00	0.35	103751.55	103751.55	0.02000
573	594	595	622	621	2	145.00	0.35	103751.55	103751.55	0.02000
574	595	596	623	622	2	145.00	0.35	103751.55	103751.55	0.02000
575	596	597	624	623	2	145.00	0.35	103751.55	103751.55	0.02000
576	597	598	625	624	2	145.00	0.35	103751.55	103751.55	0.02000
577	598	599	626	625	2	145.00	0.35	103751.55	103751.55	0.02000
578	599	600	627	626	3	150.00	0.38	162150.30	162150.30	0.02000
579	600	601	628	627	3	150.00	0.38	162150.30	162150.30	0.02000
580	601	602	629	628	3	150.00	0.38	162150.30	162150.30	0.02000
581	602	603	630	629	3	150.00	0.38	162150.30	162150.30	0.02000
582	604	605	632	631	1	140.00	0.37	69565.22	69565.22	0.02000
583	605	606	633	632	1	140.00	0.37	69565.22	69565.22	0.02000
584	606	607	634	633	1	140.00	0.37	69565.22	69565.22	0.02000
585	607	608	635	634	1	140.00	0.37	69565.22	69565.22	0.02000
586	608	609	636	635	1	140.00	0.37	69565.22	69565.22	0.02000
587	609	610	637	636	1	140.00	0.37	69565.22	69565.22	0.02000
588	610	611	638	637	1	140.00	0.37	69565.22	69565.22	0.02000
589	611	612	639	638	1	140.00	0.37	69565.22	69565.22	0.02000
590	612	613	640	639	1	140.00	0.37	69565.22	69565.22	0.02000
591	613	614	641	640	1	140.00	0.37	69565.22	69565.22	0.02000
592	614	615	642	641	1	140.00	0.37	69565.22	69565.22	0.02000
593	615	616	643	642	1	140.00	0.37	69565.22	69565.22	0.02000
594	616	617	644	643	1	140.00	0.37	69565.22	69565.22	0.02000
595	617	618	645	644	1	140.00	0.37	69565.22	69565.22	0.02000
596	618	619	646	645	1	140.00	0.37	69565.22	69565.22	0.02000
597	619	620	647	646	2	145.00	0.35	103751.55	103751.55	0.02000
598	620	621	648	647	2	145.00	0.35	103751.55	103751.55	0.02000
599	621	622	649	648	2	145.00	0.35	103751.55	103751.55	0.02000
600	622	623	650	649	2	145.00	0.35	103751.55	103751.55	0.02000
601	623	624	651	650	2	145.00	0.35	103751.55	103751.55	0.02000
602	624	625	652	651	2	145.00	0.35	103751.55	103751.55	0.02000
603	625	626	653	652	2	145.00	0.35	103751.55	103751.55	0.02000
604	626	627	654	653	3	150.00	0.38	162150.30	162150.30	0.02000
605	627	628	655	654	3	150.00	0.38	162150.30	162150.30	0.02000
606	628	629	656	655	3	150.00	0.38	162150.30	162150.30	0.02000
607	629	630	657	656	3	150.00	0.38	162150.30	162150.30	0.02000
608	631	632	659	658	1	140.00	0.37	69565.22	69565.22	0.02000
609	632	633	660	659	1	140.00	0.37	69565.22	69565.22	0.02000
610	633	634	661	660	1	140.00	0.37	69565.22	69565.22	0.02000
611	634	635	662	661	1	140.00	0.37	69565.22	69565.22	0.02000
612	635	636	663	662	1	140.00	0.37	69565.22	69565.22	0.02000
613	636	637	664	663	1	140.00	0.37	69565.22	69565.22	0.02000
614	637	638	665	664	1	140.00	0.37	69565.22	69565.22	0.02000
615	638	639	666	665	1	140.00	0.37	69565.22	69565.22	0.02000
616	639	640	667	666	1	140.00	0.37	69565.22	69565.22	0.02000
617	640	641	668	667	1	140.00	0.37	69565.22	69565.22	0.02000
618	641	642	669	668	1	140.00	0.37	69565.22	69565.22	0.02000
619	642	643	670	669	1	140.00	0.37	69565.22	69565.22	0.02000
620	643	644	671	670	1	140.00	0.37	69565.22	69565.22	0.02000
621	644	645	672	671	1	140.00	0.37	69565.22	69565.22	0.02000
622	645	646	673	672	1	140.00	0.37	69565.22	69565.22	0.02000
623	646	647	674	673	2	145.00	0.35	103751.55	103751.55	0.02000
624	647	648	675	674	2	145.00	0.35	103751.55	103751.55	0.02000
625	648	649	676	675	2	145.00	0.35	103751.55	103751.55	0.02000
626	649	650	677	676	2	145.00	0.35	103751.55	103751.55	0.02000
627	650	651	678	677	2	145.00	0.35	103751.55	103751.55	0.02000
628	651	652	679	678	2	145.00	0.35	103751.55	103751.55	0.02000
629	652	653	680	679	2	145.00	0.35	103751.55	103751.55	0.02000
630	653	654	681	680	3	150.00	0.38	162150.30	162150.30	0.02000
631	654	655	682	681	3	150.00	0.38	162150.30	162150.30	0.02000
632	655	656	683	682	3	150.00	0.38	162150.30	162150.30	0.02000
633	656	657	684	683	3	150.00	0.38	162150.30	162150.30	0.02000
634	658	659	686	685	1	140.00	0.37	69565.22	69565.22	0.02000
635	659	660	687	686	1	140.00	0.37	69565.22	69565.22	0.02000
636	660	661	688	687	1	140.00	0.37	69565.22	69565.22	0.02000
637	661	662	689	688	1	140.00	0.37	69565.22	69565.22	0.02000
638	662	663	690	689	1	140.00	0.37	69565.22	69565.22	0.02000
639	663	664	691	690	1	140.00	0.37	69565.22	69565.22	0.02000
640	664	665	692	691	1	140.00	0.37	69565.22	69565.22	0.02000
641	665	666	693	692	1	140.00	0.37	69565.22	69565.22	0.02000
642	666	667	694	693	1	140.00	0.37	69565.22	69565.22	0.02000
643	667	668	695	694	1	140.00	0.37	69565.22	69565.22	0.02000
644	668	669	696	695	1	140.00	0.37	69565.22	69565.22	0.02000
645	669	670	697	696	1	140.00	0.37	69565.22	69565.22	0.02000
646	670	671	698	697	1	140.00	0.37	69565.22	69565.22	0.02000
647	671	672	699	698	1	140.00	0.37	69565.22	69565.22	0.02000
648	672	673	700	699	2	145.00	0.35	103751.55	103751.55	0.02000
649	673	674	701	700	2	145.00	0.35	103751.55	103751.55	0.02000
650	674	675	702	701	2	145.00	0.35	103751.55	103751.55	0.02000
651	675	676	703	702	2	145.00	0.35	103751.55	103751.55	0.02000
652	676	677	704	703	2	145.00	0.35	103751.55	103751.55	0.02000
653	677	678	705	704	2	145.00	0.35	103751.55	103751.55	0.02000
654	678	679	706	705	2	145.00	0.35	103751.55	103751.55	0.02000
655	679	680	707	706	2	145.00	0.35	103751.55	103751.55	0.02000
656	680	681	708	707	3	150.00	0.38	162150.30	162150.30	0.02000
657	681	682	709	708	3	150.00	0.38	162150.30	162150.30	0.02000
658	682	683	710	709	3	150.00	0.38	162150.30	162150.30	0.02000
659	683	684	711	710	3	150.00	0.38	162150.30	162150.30	0.02000
660	685	686	713	712	1	140.00	0.37	69565.22	69565.22	0.02000
661	686	687	714	713	1	140.00	0.37	69565.22	69565.22	0.02000
662	687	688	715	714	1	140.00	0.37	69565.22	69565.22	0.02000
663	688	689	716	715	1	140.00	0.37	69565.22	69565.22	0.02000
664	689	690	717	716	1	140.00	0.37	69565.22	69565.22	0.02000
665	690	691	718	717	1	140.00	0.37	69565.22	69565.22	0.02000
666	691	692	719	718	1	140.00	0.37	69565.22	69565.22	0.02000
667	692	693	720	719	1	140.00	0.37	69565.22	69565.22	0.02000
668	693	694	721	720	1	140.00	0.37	69565.22	69565.22	0.02000
669	694	695	722	721	1	140.00	0.37	69565.22	69565.22	0.02000
670	695	696	723	722	1	140.00	0.37	69565.22	69565.22	0.02000
671	696	697	724	723	1	140.00	0.37	69565.22	69565.22	0.02000
672	697	698	725	724	1	140.00	0.37	69565.22	69565.22	0.02000
673	698	699	726	725	1	140.00	0.37	69565.22	69565.22	0.02000
674	699	700	727	726	2	145.00	0.35	103751.55	103751.55	0.02000
675	700	701	728	727	2	145.00	0.35	103751.55	103751.55	0.02000
676	701	702	729	728	2	145.00	0.35	103751.55	103751.55	0.02000
677	702	703	730	729	2	145.00	0.35	103751.55	103751.55	0.02000
678	703	704	731	730	2	145.00	0.35	103751.55	103751.55	0.02000
679	704	705	732	731	2	145.00	0.35	103751.55	103751.55	0.02000
680	705	706	733	732	2	145.00	0.35	103751.55	103751.55	0.02000
681	706	707	734	733	2	145.00	0.35	103751.55	103751.55	0.02000
682	707	708	735	734	3	150.00	0.38	162150.30	162150.30	0.02000
683	708	709	736	735	3	150.00	0.38	162150.30	162150.30	0.02000
684	709	710	737	736	3	150.00	0.38	162150.30	162150.30	0.02000
685	710	711	738	737	3	150.00	0.38	162150.30	162150.30	0.02000
686	712	713	740	739	1	140.00	0.37	69565.22	69565.22	0.02000
687	713	714	741	740	1	140.00	0.37	69565.22	69565.22	0.02000
688	714	715	742	741	1	140.00	0.37	69565.22	69565.22	0.02000
689	715	716	743	742	1	140.00	0.37	69565.22	69565.22	0.02000
690	716	717	744	743	1	140.00	0.37	69565.22	69565.22	0.02000
691	717	718	745	744	1	140.00	0.37	69565.22	69565.22	0.02000
692	718	719	746	745	1	140.00	0.37	69565.22	69565.22	0.02000
693	719	720	747	746	1	140.00	0.37	69565.22	69565.22	0.02000
694	720	721	748	747	1	140.00	0.37	69565.22	69565.22	0.02000
695	721	722	749	748	1	140.00	0.37	69565.22	69565.22	0.02000
696	722	723	750	749	1	140.00	0.37	69565.22	69565.22	0.02000
697	723	724	751	750	1	140.00	0.37	69565.22	69565.22	0.02000
698	724	725	752	751	1	140.00	0.37	69565.22	69565.22	0.02000
699	725	726	753	752	1	140.00	0.37	69565.22	69565.22	0.02000
700	726	727	754	753	2	145.00	0.35	103751.55	103751.55	0.02000
701	727	728	755	754	2	145.00	0.35	103751.55	103751.55	0.02000
702	728	729	756	755	2	145.00	0.35	103751.55	103751.55	0.02000
703	729	730	757	756	2	145.00	0.35	103751.55	103751.55	0.02000
704	730	731	758	757	2	145.00	0.35	103751.55	103751.55	0.02000
705	731	732	759	758	2	145.00	0.35	103751.55	103751.55	0.02000
706	732	733	760	759	2	145.00	0.35	103751.55	103751.55	0.02000
707	733	734	761	760	2	145.00	0.35	103751.55	103751.55	0.02000
708	734	735	762	761	3	150.00	0.38	162150.30	162150.30	0.02000
709	735	736	763	762	3	150.00	0.38	162150.30	162150.30	0.02000
710	736	737	764	763	3	150.00	0.38	162150.30	162150.30	0.02000
711	737	738	765	764	3	150.00	0.38	162150.30	162150.30	0.02000
712	739	740	767	766	1	140.00	0.37	69565.22	69565.22	0.02000
713	740	741	768	767	1	140.00	0.37	69565.22	69565.22	0.02000
714	741	742	769	768	1	140.00	0.37	69565.22	69565.22	0.02000
715	742	743	770	769	1	140.00	0.37	69565.22	69565.22	0.02000
716	743	744	771	770	1	140.00	0.37	69565.22	69565.22	0.02000
717	744	745	772	771	1	140.00	0.37	69565.22	69565.22	0.02000
718	745	746	773	772	1	140.00	0.37	69565.22	69565.22	0.02000
719	746	747	774	773	1	140.00	0.37	69565.22	69565.22	0.02000
720	747	748	775	774	1	140.00	0.37	69565.22	69565.22	0.02000
721	748	749	776	775	1	140.00	0.37	69565.22	69565.22	0.02000
722	749	750	777	776	1	140.00	0.37	69565.22	69565.22	0.02000
723	750	751	778	777	1	140.00	0.37	69565.22	69565.22	0.02000
724	751	752	779	778	1	140.00	0.37	69565.22	69565.22	0.02000

725	752	753	780	779	1	140.00	0.37	69565.22	69565.22	0.02000
726	753	754	781	780	2	145.00	0.35	103751.55	103751.55	0.02000
727	754	755	782	781	2	145.00	0.35	103751.55	103751.55	0.02000
728	755	756	783	782	2	145.00	0.35	103751.55	103751.55	0.02000
729	756	757	784	783	2	145.00	0.35	103751.55	103751.55	0.02000
730	757	758	785	784	2	145.00	0.35	103751.55	103751.55	0.02000
731	758	759	786	785	2	145.00	0.35	103751.55	103751.55	0.02000
732	759	760	787	786	2	145.00	0.35	103751.55	103751.55	0.02000
733	760	761	788	787	3	150.00	0.35	162150.30	162150.30	0.02000
734	761	762	789	788	3	150.00	0.35	162150.30	162150.30	0.02000
735	762	763	790	789	3	150.00	0.35	162150.30	162150.30	0.02000
736	763	764	791	790	3	150.00	0.35	162150.30	162150.30	0.02000
737	764	765	792	791	3	150.00	0.35	162150.30	162150.30	0.02000
738	794	793	766	766	1	140.00	0.37	69565.22	69565.22	0.02000
739	766	767	795	794	1	140.00	0.37	69565.22	69565.22	0.02000
740	767	768	796	795	1	140.00	0.37	69565.22	69565.22	0.02000
741	768	769	797	796	1	140.00	0.37	69565.22	69565.22	0.02000
742	769	770	798	797	1	140.00	0.37	69565.22	69565.22	0.02000
743	770	771	799	798	1	140.00	0.37	69565.22	69565.22	0.02000
744	771	772	800	799	1	140.00	0.37	69565.22	69565.22	0.02000
745	772	773	801	800	1	140.00	0.37	69565.22	69565.22	0.02000
746	773	774	802	801	1	140.00	0.37	69565.22	69565.22	0.02000
747	774	775	803	802	1	140.00	0.37	69565.22	69565.22	0.02000
748	775	776	804	803	1	140.00	0.37	69565.22	69565.22	0.02000
749	776	777	805	804	1	140.00	0.37	69565.22	69565.22	0.02000
750	777	778	806	805	1	140.00	0.37	69565.22	69565.22	0.02000
751	778	779	807	806	1	140.00	0.37	69565.22	69565.22	0.02000
752	779	780	808	807	2	145.00	0.35	103751.55	103751.55	0.02000
753	780	781	809	808	2	145.00	0.35	103751.55	103751.55	0.02000
754	781	782	810	809	2	145.00	0.35	103751.55	103751.55	0.02000
755	782	783	811	810	2	145.00	0.35	103751.55	103751.55	0.02000
756	783	784	812	811	2	145.00	0.35	103751.55	103751.55	0.02000
757	784	785	813	812	2	145.00	0.35	103751.55	103751.55	0.02000
758	785	786	814	813	2	145.00	0.35	103751.55	103751.55	0.02000
759	786	787	815	814	2	145.00	0.35	103751.55	103751.55	0.02000
760	787	788	816	815	3	150.00	0.35	162150.30	162150.30	0.02000
761	788	789	817	816	3	150.00	0.35	162150.30	162150.30	0.02000
762	789	790	818	817	3	150.00	0.35	162150.30	162150.30	0.02000
763	790	791	819	818	3	150.00	0.35	162150.30	162150.30	0.02000
764	791	792	820	819	3	150.00	0.35	162150.30	162150.30	0.02000
765	822	821	793	793	1	140.00	0.37	69565.22	69565.22	0.02000
766	793	794	823	822	1	140.00	0.37	69565.22	69565.22	0.02000
767	794	795	824	823	1	140.00	0.37	69565.22	69565.22	0.02000
768	795	796	825	824	1	140.00	0.37	69565.22	69565.22	0.02000
769	796	797	826	825	1	140.00	0.37	69565.22	69565.22	0.02000
770	797	798	827	826	1	140.00	0.37	69565.22	69565.22	0.02000
771	798	799	828	827	1	140.00	0.37	69565.22	69565.22	0.02000
772	799	800	829	828	1	140.00	0.37	69565.22	69565.22	0.02000
773	800	801	830	829	1	140.00	0.37	69565.22	69565.22	0.02000
774	801	802	831	830	1	140.00	0.37	69565.22	69565.22	0.02000
775	802	803	832	831	1	140.00	0.37	69565.22	69565.22	0.02000
776	803	804	833	832	1	140.00	0.37	69565.22	69565.22	0.02000
777	804	805	834	833	1	140.00	0.37	69565.22	69565.22	0.02000
778	805	806	835	834	1	140.00	0.37	69565.22	69565.22	0.02000
779	806	807	836	835	1	140.00	0.37	69565.22	69565.22	0.02000
780	807	808	837	836	2	145.00	0.35	103751.55	103751.55	0.02000
781	808	809	838	837	2	145.00	0.35	103751.55	103751.55	0.02000
782	809	810	839	838	2	145.00	0.35	103751.55	103751.55	0.02000
783	810	811	840	839	2	145.00	0.35	103751.55	103751.55	0.02000
784	811	812	841	840	2	145.00	0.35	103751.55	103751.55	0.02000
785	812	813	842	841	2	145.00	0.35	103751.55	103751.55	0.02000
786	813	814	843	842	2	145.00	0.35	103751.55	103751.55	0.02000
787	814	815	844	843	2	145.00	0.35	103751.55	103751.55	0.02000
788	815	816	845	844	3	150.00	0.35	162150.30	162150.30	0.02000
789	816	817	846	845	3	150.00	0.35	162150.30	162150.30	0.02000
790	817	818	847	846	3	150.00	0.35	162150.30	162150.30	0.02000
791	818	819	848	847	3	150.00	0.35	162150.30	162150.30	0.02000
792	819	820	849	848	3	150.00	0.35	162150.30	162150.30	0.02000
793	821	822	851	850	1	140.00	0.37	69565.22	69565.22	0.02000
794	822	823	852	851	1	140.00	0.37	69565.22	69565.22	0.02000
795	823	824	853	852	1	140.00	0.37	69565.22	69565.22	0.02000
796	824	825	854	853	1	140.00	0.37	69565.22	69565.22	0.02000
797	825	826	855	854	1	140.00	0.37	69565.22	69565.22	0.02000
798	826	827	856	855	1	140.00	0.37	69565.22	69565.22	0.02000
799	827	828	857	856	1	140.00	0.37	69565.22	69565.22	0.02000
800	828	829	858	857	1	140.00	0.37	69565.22	69565.22	0.02000
801	829	830	859	858	1	140.00	0.37	69565.22	69565.22	0.02000
802	830	831	860	859	1	140.00	0.37	69565.22	69565.22	0.02000
803	831	832	861	860	1	140.00	0.37	69565.22	69565.22	0.02000
804	832	833	862	861	1	140.00	0.37	69565.22	69565.22	0.02000
805	833	834	863	862	1	140.00	0.37	69565.22	69565.22	0.02000
806	834	835	864	863	1	140.00	0.37	69565.22	69565.22	0.02000
807	835	836	865	864	1	140.00	0.37	69565.22	69565.22	0.02000
808	836	837	866	865	2	145.00	0.35	103751.55	103751.55	0.02000
809	837	838	867	866	2	145.00	0.35	103751.55	103751.55	0.02000
810	838	839	868	867	2	145.00	0.35	103751.55	103751.55	0.02000
811	839	840	869	868	2	145.00	0.35	103751.55	103751.55	0.02000
812	840	841	870	869	2	145.00	0.35	103751.55	103751.55	0.02000
813	841	842	871	870	2	145.00	0.35	103751.55	103751.55	0.02000
814	842	843	872	871	2	145.00	0.35	103751.55	103751.55	0.02000
815	843	844	873	872	2	145.00	0.35	103751.55	103751.55	0.02000
816	844	845	874	873	3	150.00	0.35	162150.30	162150.30	0.02000
817	845	846	875	874	3	150.00	0.35	162150.30	162150.30	0.02000
818	846	847	876	875	3	150.00	0.35	162150.30	162150.30	0.02000
819	847	848	877	876	3	150.00	0.35	162150.30	162150.30	0.02000
820	848	849	878	877	3	150.00	0.35	162150.30	162150.30	0.02000
821	850	851	880	879	1	140.00	0.37	69565.22	69565.22	0.02000
822	851	852	881	880	1	140.00	0.37	69565.22	69565.22	0.02000
823	852	853	882	881	1	140.00	0.37	69565.22	69565.22	0.02000
824	853	854	883	882	1	140.00	0.37	69565.22	69565.22	0.02000
825	854	855	884	883	1	140.00	0.37	69565.22	69565.22	0.02000
826	855	856	885	884	1	140.00	0.37	69565.22	69565.22	0.02000
827	856	857	886	885	1	140.00	0.37	69565.22	69565.22	0.02000
828	857	858	887	886	1	140.00	0.37	69565.22	69565.22	0.02000
829	858	859	888	887	1	140.00	0.37	69565.22	69565.22	0.02000
830	859	860	889	888	1	140.00	0.37	69565.22	69565.22	0.02000
831	860	861	890	889	1	140.00	0.37	69565.22	69565.22	0.02000
832	861	862	891	890	1	140.00	0.37	69565.22	69565.22	0.02000
833	862	863	892	891	1	140.00	0.37	69565.22	69565.22	0.02000
834	863	864	893	892	1	140.00	0.37	69565.22	69565.22	0.02000
835	864	865	894	893	1	140.00	0.37	69565.22	69565.22	0.02000
836	865	866	895	894	2	145.00	0.35	103751.55	103751.55	0.02000
837	866	867	896	895	2	145.00	0.35	103751.55	103751.55	0.02000
838	867	868	897	896	2	145.00	0.35	103751.55	103751.55	0.02000
839	868	869	898	897	2	145.00	0.35	103751.55	103751.55	0.02000
840	869	870	899	898	2	145.00	0.35	103751.55	103751.55	0.02000
841	870	871	900	899	2	145.00	0.35	103751.55	103751.55	0.02000
842	871	872	901	900	2	145.00	0.35	103751.55	103751.55	0.02000
843	872	873	902	901	2	145.00	0.35	103751.55	103751.55	0.02000
844	873	874	903	902	3	150.00	0.35	162150.30	162150.30	0.02000
845	874	875	904	903	3	150.00	0.35	162150.30	162150.30	0.02000
846	875	876	905	904	3	150.00	0.35	162150.30	162150.30	0.02000
847	876	877	906	905	3	150.00	0.35	162150.30	162150.30	0.02000
848	877	878	907	906	3	150.00	0.35	162150.30	162150.30	0.02000
849	879	880	909	908	1	140.00	0.37	69565.22	69565.22	0.02000
850	880	881	910	909	1	140.00	0.37	69565.22	69565.22	0.02000
851	881	882	911	910	1	140.00	0.37	69565.22	69565.22	0.02000
852	882	883	912	911	1	140.00	0.37	69565.22	69565.22	0.02000
853	883	884	913	912	1	140.00	0.37	69565.22	69565.22	0.02000
854	884	885	914	913	1	140.00	0.37	69565.22	69565.22	0.02000
855	885	886	915	914	1	140.00	0.37	69565.22	69565.22	0.02000
856	886	887	916	915	1	140.00	0.37	69565.22	69565.22	0.02000
857	887	888	917	916	1	140.00	0.37	69565.22	69565.22	0.02000
858	888	889	918	917	1	140.00	0.37	69565.22	69565.22	0.02000
859	889	890	919	918	1	140.00	0.37	69565.22	69565.22	0.02000
860	890	891	920	919	1	140.00	0.37	69565.22	69565.22	0.02000
861	891	892	921	920	1	140.00	0.37	69565.22	69565.22	0.02000
862	892	893	922	921	1	140.00	0.37	69565.22	69565.22	0.02000
863	893	894	923	922	1	140.00	0.37	69565.22	69565.22	0.02000
864	894	895	924	923	2	145.00	0.35	103751.55	103751.55	0.02000
865	895	896	925	924	2	145.00	0.35	103751.55	103751.55	0.02000
866	896	897	926	925	2	145.00	0.35	103751.55	103751.55	0.02000
867	897	898	927	926	2	145.00	0.35	103751.55	103751.55	0.02000
868	898	899	928	927	2	145.00	0.35	103751.55	103751.55	0.02000
869	899	900	929	928	2	145.00	0.35	103751.55	103751.55	0.02000
870	900	901	930	929	2	145.00	0.35	103751.55	103751.55	0.02000
871	901	902	931	930	2	145.00	0.35	103751.55	103751.55	0.02000
872	902	903	932	931	3	150.00	0.35	162150.30	162150.30	0.02000
873	903	904	933	932	3	150.00	0.35	162150.30	162150.30	0.02000
874	904	905	934	933	3	150.00	0.35	162150.30	162150.30	0.02000
875	905	906	935	934	3	150.00	0.35	162150.30	162150.30	0.02000
876	906	907	936	935	3	150.00	0.35	162150.30	162150.30	0.02000
877	938	937	908	908	1	140.00	0.37	69565.22	69565.22	0.02000
878	908	909	939	938	1	140.00	0.37	69565.22	69565.22	0.02000
879	909	910	940	939	1	140.00	0.37	69565.22	69565.22	0.02000
880	910	911	941	940	1	140.00	0.37	69565.22	69565.22	0.02000
881	911	912	942	941	1	140.00	0.37	69565.22	69565.22	0.02000
882	912	913	943	942	1	140.00	0.37	69565.22	69565.22	0.02000
883	913	914	944	943	1	140.00	0.37	69565.22	69565.22	0.02000
884	914	915	945	944	1	140.00	0.37	69565.22	69565.22	0.02000
885	915	916	946	945	1	140.00	0.37	69565.22	69565.22	0.02000
886	916	917	947	946	1	140.00	0.37	69565.22	69565.22	0.02000
887	917	918	948	947	1	140.00	0.37	69565.22	69565.22	0.02000
888	918	919	949	948	1	140.00	0.37	69565.22	69565.22	0.02000
889	919	920	950	949	1	140.00	0.37	69565.22	69565.22	0.02000
890	920	921	951	950	1	140.00	0.37	69565.22	69565.22	0.02000
891	921	922	952	951	1	140.00	0.37	69565.22	69565.22	0.02000
892	922	923	953	952	1	140.00	0.37	69565.22	69565.22	0.02000
893	923	924	954	953	2	145.00	0.35	103751.55	103751.55	0.02000
894	924	925	955	954	2	145.00	0.35	103751.55	103751.55	0.02000
895	925	926	956	955	2	145.00	0.35	103751.55	103751.55	0.02000
896	926	927	957	956	2	145.00	0.35	103751.55	103751.55	0.02000
897	927	928	958	957	2	145.00	0.35	103751.55	103751.55	0.02000
898	928	929	959	958	2	145.00	0.35	103751.55	103751.55	0.02000
899	929	930	960	959	2	145.00	0.35	103751.55	103751.55	0.02000
900	930	931	961	960	2	145.00	0.35	103751.55	103751.55	0.02000
901	931	932	962	961	3	150.00	0.35	162150.30	162150.30	0.02000
902	932	933	963	962	3	150.00	0.35	162150.30	162150.30	0.02000
903	933	934	964	963	3	150.00	0.35	162150.30	162150.30	0.02000
904	934	935	965	964	3	150.00	0.35	162150.30	162150.30	0.02000
905	935	936	966	965	3	150.00	0.35	162150.30	162150.30	0.02000
906	966	967	937	937	1	140.00	0.37	69565.22	69565.22	0.02000
907	937	938	969	968	1	140.00	0.37	69565.22	69565.22	0.02000
908	938	939	970	969	1	140.00	0.37	69565.22	69565.22	0.02000
909	939	940	971	970	1	140.00	0.37	69565.22	69565.22	0.02000
910	940	941	972	971	1	140.00	0.37	69565.22	69565.22	0.02000
911	941	942	973	972	1	140.00	0.37	69565.22	69565.22	0.02000
912	942	943	974	973	1	140.00	0.37	69565.22	69565.22	0.02000
913	943	944	975	974	1	140.00	0.37	69565.22	69565.22	0.02000
914	944	945	976	975	1	140.00	0.37	69565.22	69565.22	0.02000
915	945	946	977	976	1	140.00	0.37	69565.22	69565.22	0.02000
916	946	947	978	977	1	140.00	0.37	69565.22	69565.22	0.02000
917	947	948	979	978	1	140.00	0.37	69565.22	69565.22	0.02000
918	948	949	980	979	1	140.00	0.37	69565.22	69565.22	0.02000
919	949	950	981	980	1	140.00	0.37	69565.22	69565.22	0.02000
920	950	951	982	981	1	140.00	0.37	69565.22	69565.22	0.02000
921	951	952	983	982	1	140.00	0.37	69565.22	69565.22	0.02000
922	952	953	984	983	2	145.00	0.35	103751.55	103751.55	0.02000
923	953	954	985	984	2	145.00	0.35	103751.55	103751.55	0.02000
924	954	955	986	985	2	145.00	0.35	103751.55	103751.55	0.02000
925	955	956	987	986	2	145.00	0.35	103751.55	103751.55	0.02000
926	956	957	988	987	2	145.00	0.35	103751.55	103751.55	0.02000
927	957	958	989	988	2	145.00	0.35	103751.55	103751.55	0.02000
928	958	959	990	989	2	145.00	0.35	103751.55	103751.55	0.02000
929	959	960	991	990	2	145.00	0.35	103751.55	103751.55	0.02000
930	960	961	992	991	2	145.00	0.35	103751.55	103751.55	0.02000
931	961	962	993	992	3	150.00	0.35	162150.30	162150.30	0.02000
932	962	963	994	993	3	150.00	0.35	162150.30	162150.30	0.02000
933	963	964	995	994	3	150.00	0.35	162150.30	162150.30	0.02000
934	964	965	996	995	3	150.00	0.35	162150.30	162150.30	0.02000
935	965	966	997	996	3	150.00	0.35	162150.30	162150.30	0.02000
936	999	998	967	967	1	140.00	0.37	69565.22	69565.22	0.02000
937	967	968	1000	999	1	140.00	0.37	69565.22	69565.22	0.02000
938	968	969	1001	1000	1	140.00	0.37	69565.22	69565.22	0.02000
939	969	970	1002	1001	1	140.00	0.37	69565.22	69565.22	0.02000
940	970	971	1003	1002	1	140.00	0.37	69565.22	69565.22	0.02000
941	971	972	1004	1003	1	140.00	0.37	69565.22	69565.22	0.02000
942	972	973	1005	1004	1	140.00	0.37	69565.22	69565.22	0.02000
943	973	974	1006	1005	1	140.00	0.37	69565.22	69565.22	0.02000
944	974	975	1007	1006	1	140.00	0.37	69565.22	69565.22	0.02000
945	975	976	1008	1007	1	140.00	0.37	69565.22	69565.22	0.02000
946	976	977	1009	1008	1	140.00	0.37	69565.22	69565.22	0.02000
947	977	978	1010	1009	1	140.00	0.37	69565.22	69565.22	0.02000
948	978	979	1011	1010	1	140.00	0.37	69565.22	69565.22	0.02000
949	979	980	1012	1011	1	140.00	0.37	69565.22	69565.22	0.02000
950	980	981	1013	1012	1	140.00	0.37	69565.22	69565.22	0.02000
951	981	982	1014	1013	1	140.00	0.37	69565.22	69565.22	0.02000
952	982	983	1015	1014	1	140.00	0.37	69565.22	69565.22	0.02000
953	983	984	1016	1015	2	145.00	0.35	103751.55	103751.55	0.02000
954	984	985	1017	1016	2	145.00	0.35	103751.55	103751.55	0.02000
955	985	986	1018	1017	2	145.00	0.35	103751.55	103751.55	0.02000
956	986	987	1019	1018	2	145.00	0.35	103751.55	103751.55	0.02000
957	987	988	1020	1019	2	145.00	0.35	103751.55	103751.55	0.02000
958	988	989	1021	1020	2	145.00	0.35	103751.55	103751.55	0.02000
959	989	990	1022	1021	2	145.00	0.35	103751.55	103751.55	0.02000
960	990	991	1023	1022	2	145.00	0.35	103751.55	103751.55	0.02000
961	991	992	1024	1023	3	150.00	0.35	162150.30	162150.30	0.02000
962	992	993	1025	1024	3	150.00	0.35	162150.30	162150.30	0.02000
963	993	994	1026	1025	3	150.00	0.35	162150.30	162150.30	0.02000
964	994	995	1027	1026	3	150.00	0.35	162150.30	162150.30	0.02000
965	995	996	1028	1027	3	150.00	0.35	162150.30	162150.30	0.02000
966	996	997	1029	1028	3	150.00	0.35	162150.30	162150.30	0.02000
967	998	999	1031	1030	1	140.00	0.37	69565.22	69565.22	0.02000
968	999	1000	1032	1031	1	140.00	0.37	69565.22	69565.22	0.02000
969	1000	1001	1033	1032	1	140.00	0.37	69565.22	69565.22	0.02000
970	1001	1002	1034	1033	1	140.00	0.37	69565.22	69565.22	0.02000
971	1002	1003	1035	1034	1	140.00	0.37	69565.22	69565.22	0.02000
972	1003	1004	1036	1035	1	140.00	0.37	69565.22	69565.22	0.02000
973	1004	1005	1037	1036	1	140.00	0.37	69565.22	69565.22	0.02000
974	1005	1006	1038	1037	1	140.00	0.37	69565.22	69565.22	0.02000
975	1006	1007	1039	1038	1	140.00	0.37	69565.22	69565.22	0.02000
976	1007	1008	1040	1039	1	140.00	0.37	69565.22	69565.22	0.02000
977	1008	1009	1041	1040	1	140.00	0.37	69565.22	69565.22	0.02000
978	1009	1010	1042	1041	1	140.00	0.37	69565.22	69565.22	0.02000

979	1010	1011	1043	1042	1	140.00	0.37	69565.22	69565.22	0.02000
980	1011	1012	1044	1043	1	140.00	0.37	69565.22	69565.22	0.02000
981	1012	1013	1045	1044	1	140.00	0.37	69565.22	69565.22	0.02000
982	1013	1014	1046	1045	1	140.00	0.37	69565.22	69565.22	0.02000
983	1014	1015	1047	1046	1	140.00	0.37	69565.22	69565.22	0.02000
984	1015	1016	1048	1047	2	145.00	0.35	103751.55	103751.55	0.02000
985	1016	1017	1049	1048	2	145.00	0.35	103751.55	103751.55	0.02000
986	1017	1018	1050	1049	2	145.00	0.35	103751.55	103751.55	0.02000
987	1018	1019	1051	1050	2	145.00	0.35	103751.55	103751.55	0.02000
988	1019	1020	1052	1051	2	145.00	0.35	103751.55	103751.55	0.02000
989	1020	1021	1053	1052	2	145.00	0.35	103751.55	103751.55	0.02000
990	1021	1022	1054	1053	2	145.00	0.35	103751.55	103751.55	0.02000
991	1022	1023	1055	1054	2	145.00	0.35	103751.55	103751.55	0.02000
992	1023	1024	1056	1055	3	150.00	0.35	162150.38	162150.38	0.02000
993	1024	1025	1057	1056	3	150.00	0.35	162150.38	162150.38	0.02000
994	1025	1026	1058	1057	3	150.00	0.35	162150.38	162150.38	0.02000
995	1026	1027	1059	1058	3	150.00	0.35	162150.38	162150.38	0.02000
996	1027	1028	1060	1059	3	150.00	0.35	162150.38	162150.38	0.02000
997	1028	1029	1061	1060	3	150.00	0.35	162150.38	162150.38	0.02000
998	1063	1062	1030	1030	1	140.00	0.37	69565.22	69565.22	0.02000
999	1030	1031	1064	1063	1	140.00	0.37	69565.22	69565.22	0.02000
1000	1031	1032	1065	1064	1	140.00	0.37	69565.22	69565.22	0.02000
1001	1032	1033	1066	1065	1	140.00	0.37	69565.22	69565.22	0.02000
1002	1033	1034	1067	1066	1	140.00	0.37	69565.22	69565.22	0.02000
1003	1034	1035	1068	1067	1	140.00	0.37	69565.22	69565.22	0.02000
1004	1035	1036	1069	1068	1	140.00	0.37	69565.22	69565.22	0.02000
1005	1036	1037	1070	1069	1	140.00	0.37	69565.22	69565.22	0.02000
1006	1037	1038	1071	1070	1	140.00	0.37	69565.22	69565.22	0.02000
1007	1038	1039	1072	1071	1	140.00	0.37	69565.22	69565.22	0.02000
1008	1039	1040	1073	1072	1	140.00	0.37	69565.22	69565.22	0.02000
1009	1040	1041	1074	1073	1	140.00	0.37	69565.22	69565.22	0.02000
1010	1041	1042	1075	1074	1	140.00	0.37	69565.22	69565.22	0.02000
1011	1042	1043	1076	1075	1	140.00	0.37	69565.22	69565.22	0.02000
1012	1043	1044	1077	1076	1	140.00	0.37	69565.22	69565.22	0.02000
1013	1044	1045	1078	1077	1	140.00	0.37	69565.22	69565.22	0.02000
1014	1045	1046	1079	1078	1	140.00	0.37	69565.22	69565.22	0.02000
1015	1046	1047	1080	1079	1	140.00	0.37	69565.22	69565.22	0.02000
1016	1047	1048	1081	1080	2	145.00	0.35	103751.55	103751.55	0.02000
1017	1048	1049	1082	1081	2	145.00	0.35	103751.55	103751.55	0.02000
1018	1049	1050	1083	1082	2	145.00	0.35	103751.55	103751.55	0.02000
1019	1050	1051	1084	1083	2	145.00	0.35	103751.55	103751.55	0.02000
1020	1051	1052	1085	1084	2	145.00	0.35	103751.55	103751.55	0.02000
1021	1052	1053	1086	1085	2	145.00	0.35	103751.55	103751.55	0.02000
1022	1053	1054	1087	1086	2	145.00	0.35	103751.55	103751.55	0.02000
1023	1054	1055	1088	1087	2	145.00	0.35	103751.55	103751.55	0.02000
1024	1055	1056	1089	1088	3	150.00	0.35	162150.38	162150.38	0.02000
1025	1056	1057	1090	1089	3	150.00	0.35	162150.38	162150.38	0.02000
1026	1057	1058	1091	1090	3	150.00	0.35	162150.38	162150.38	0.02000
1027	1058	1059	1092	1091	3	150.00	0.35	162150.38	162150.38	0.02000
1028	1059	1060	1093	1092	3	150.00	0.35	162150.38	162150.38	0.02000
1029	1060	1061	1094	1093	3	150.00	0.35	162150.38	162150.38	0.02000
1030	1062	1063	1096	1095	1	140.00	0.37	69565.22	69565.22	0.02000
1031	1063	1064	1097	1096	1	140.00	0.37	69565.22	69565.22	0.02000
1032	1064	1065	1098	1097	1	140.00	0.37	69565.22	69565.22	0.02000
1033	1065	1066	1099	1098	1	140.00	0.37	69565.22	69565.22	0.02000
1034	1066	1067	1100	1099	1	140.00	0.37	69565.22	69565.22	0.02000
1035	1067	1068	1101	1100	1	140.00	0.37	69565.22	69565.22	0.02000
1036	1068	1069	1102	1101	1	140.00	0.37	69565.22	69565.22	0.02000
1037	1069	1070	1103	1102	1	140.00	0.37	69565.22	69565.22	0.02000
1038	1070	1071	1104	1103	1	140.00	0.37	69565.22	69565.22	0.02000
1039	1071	1072	1105	1104	1	140.00	0.37	69565.22	69565.22	0.02000
1040	1072	1073	1106	1105	1	140.00	0.37	69565.22	69565.22	0.02000
1041	1073	1074	1107	1106	1	140.00	0.37	69565.22	69565.22	0.02000
1042	1074	1075	1108	1107	1	140.00	0.37	69565.22	69565.22	0.02000
1043	1075	1076	1109	1108	1	140.00	0.37	69565.22	69565.22	0.02000
1044	1076	1077	1110	1109	1	140.00	0.37	69565.22	69565.22	0.02000
1045	1077	1078	1111	1110	1	140.00	0.37	69565.22	69565.22	0.02000
1046	1078	1079	1112	1111	1	140.00	0.37	69565.22	69565.22	0.02000
1047	1079	1080	1113	1112	2	145.00	0.35	103751.55	103751.55	0.02000
1048	1080	1081	1114	1113	2	145.00	0.35	103751.55	103751.55	0.02000
1049	1081	1082	1115	1114	2	145.00	0.35	103751.55	103751.55	0.02000
1050	1082	1083	1116	1115	2	145.00	0.35	103751.55	103751.55	0.02000
1051	1083	1084	1117	1116	2	145.00	0.35	103751.55	103751.55	0.02000
1052	1084	1085	1118	1117	2	145.00	0.35	103751.55	103751.55	0.02000
1053	1085	1086	1119	1118	2	145.00	0.35	103751.55	103751.55	0.02000
1054	1086	1087	1120	1119	2	145.00	0.35	103751.55	103751.55	0.02000
1055	1087	1088	1121	1120	2	145.00	0.35	103751.55	103751.55	0.02000
1056	1088	1089	1122	1121	3	150.00	0.35	162150.38	162150.38	0.02000
1057	1089	1090	1123	1122	3	150.00	0.35	162150.38	162150.38	0.02000
1058	1090	1091	1124	1123	3	150.00	0.35	162150.38	162150.38	0.02000
1059	1091	1092	1125	1124	3	150.00	0.35	162150.38	162150.38	0.02000
1060	1092	1093	1126	1125	3	150.00	0.35	162150.38	162150.38	0.02000
1061	1093	1094	1127	1126	3	150.00	0.35	162150.38	162150.38	0.02000
1062	1129	1128	1095	1095	1	140.00	0.37	69565.22	69565.22	0.02000
1063	1095	1096	1130	1129	1	140.00	0.37	69565.22	69565.22	0.02000
1064	1096	1097	1131	1130	1	140.00	0.37	69565.22	69565.22	0.02000
1065	1097	1098	1132	1131	1	140.00	0.37	69565.22	69565.22	0.02000
1066	1098	1099	1133	1132	1	140.00	0.37	69565.22	69565.22	0.02000
1067	1099	1100	1134	1133	1	140.00	0.37	69565.22	69565.22	0.02000
1068	1100	1101	1135	1134	1	140.00	0.37	69565.22	69565.22	0.02000
1069	1101	1102	1136	1135	1	140.00	0.37	69565.22	69565.22	0.02000
1070	1102	1103	1137	1136	1	140.00	0.37	69565.22	69565.22	0.02000
1071	1103	1104	1138	1137	1	140.00	0.37	69565.22	69565.22	0.02000
1072	1104	1105	1139	1138	1	140.00	0.37	69565.22	69565.22	0.02000
1073	1105	1106	1140	1139	1	140.00	0.37	69565.22	69565.22	0.02000
1074	1106	1107	1141	1140	1	140.00	0.37	69565.22	69565.22	0.02000
1075	1107	1108	1142	1141	1	140.00	0.37	69565.22	69565.22	0.02000
1076	1108	1109	1143	1142	1	140.00	0.37	69565.22	69565.22	0.02000
1077	1109	1110	1144	1143	1	140.00	0.37	69565.22	69565.22	0.02000
1078	1110	1111	1145	1144	1	140.00	0.37	69565.22	69565.22	0.02000
1079	1111	1112	1146	1145	1	140.00	0.37	69565.22	69565.22	0.02000
1080	1112	1113	1147	1146	2	145.00	0.35	103751.55	103751.55	0.02000
1081	1113	1114	1148	1147	2	145.00	0.35	103751.55	103751.55	0.02000
1082	1114	1115	1149	1148	2	145.00	0.35	103751.55	103751.55	0.02000
1083	1115	1116	1150	1149	2	145.00	0.35	103751.55	103751.55	0.02000
1084	1116	1117	1151	1150	2	145.00	0.35	103751.55	103751.55	0.02000
1085	1117	1118	1152	1151	2	145.00	0.35	103751.55	103751.55	0.02000
1086	1118	1119	1153	1152	2	145.00	0.35	103751.55	103751.55	0.02000
1087	1119	1120	1154	1153	2	145.00	0.35	103751.55	103751.55	0.02000
1088	1120	1121	1155	1154	2	145.00	0.35	103751.55	103751.55	0.02000
1089	1121	1122	1156	1155	3	150.00	0.35	162150.38	162150.38	0.02000
1090	1122	1123	1157	1156	3	150.00	0.35	162150.38	162150.38	0.02000
1091	1123	1124	1158	1157	3	150.00	0.35	162150.38	162150.38	0.02000
1092	1124	1125	1159	1158	3	150.00	0.35	162150.38	162150.38	0.02000
1093	1125	1126	1160	1159	3	150.00	0.35	162150.38	162150.38	0.02000
1094	1126	1127	1161	1160	3	150.00	0.35	162150.38	162150.38	0.02000
1095	1163	1162	1128	1128	1	140.00	0.37	69565.22	69565.22	0.02000
1096	1128	1129	1164	1163	1	140.00	0.37	69565.22	69565.22	0.02000
1097	1129	1130	1165	1164	1	140.00	0.37	69565.22	69565.22	0.02000
1098	1130	1131	1166	1165	1	140.00	0.37	69565.22	69565.22	0.02000
1099	1131	1132	1167	1166	1	140.00	0.37	69565.22	69565.22	0.02000
1100	1132	1133	1168	1167	1	140.00	0.37	69565.22	69565.22	0.02000
1101	1133	1134	1169	1168	1	140.00	0.37	69565.22	69565.22	0.02000
1102	1134	1135	1170	1169	1	140.00	0.37	69565.22	69565.22	0.02000
1103	1135	1136	1171	1170	1	140.00	0.37	69565.22	69565.22	0.02000
1104	1136	1137	1172	1171	1	140.00	0.37	69565.22	69565.22	0.02000
1105	1137	1138	1173	1172	1	140.00	0.37	69565.22	69565.22	0.02000
1106	1138	1139	1174	1173	1	140.00	0.37	69565.22	69565.22	0.02000
1107	1139	1140	1175	1174	1	140.00	0.37	69565.22	69565.22	0.02000
1108	1140	1141	1176	1175	1	140.00	0.37	69565.22	69565.22	0.02000
1109	1141	1142	1177	1176	1	140.00	0.37	69565.22	69565.22	0.02000
1110	1142	1143	1178	1177	1	140.00	0.37	69565.22	69565.22	0.02000
1111	1143	1144	1179	1178	1	140.00	0.37	69565.22	69565.22	0.02000
1112	1144	1145	1180	1179	1	140.00	0.37	69565.22	69565.22	0.02000
1113	1145	1146	1181	1180	2	145.00	0.35	103751.55	103751.55	0.02000
1114	1146	1147	1182	1181	2	145.00	0.35	103751.55	103751.55	0.02000
1115	1147	1148	1183	1182	2	145.00	0.35	103751.55	103751.55	0.02000
1116	1148	1149	1184	1183	2	145.00	0.35	103751.55	103751.55	0.02000
1117	1149	1150	1185	1184	2	145.00	0.35	103751.55	103751.55	0.02000
1118	1150	1151	1186	1185	2	145.00	0.35	103751.55	103751.55	0.02000
1119	1151	1152	1187	1186	2	145.00	0.35	103751.55	103751.55	0.02000
1120	1152	1153	1188	1187	2	145.00	0.35	103751.55	103751.55	0.02000
1121	1153	1154	1189	1188	2	145.00	0.35	103751.55	103751.55	0.02000
1122	1154	1155	1190	1189	3	150.00	0.35	162150.38	162150.38	0.02000
1123	1155	1156	1191	1190	3	150.00	0.35	162150.38	162150.38	0.02000
1124	1156	1157	1192	1191	3	150.00	0.35	162150.38	162150.38	0.02000
1125	1157	1158	1193	1192	3	150.00	0.35	162150.38	162150.38	0.02000
1126	1158	1159	1194	1193	3	150.00	0.35	162150.38	162150.38	0.02000
1127	1159	1160	1195	1194	3	150.00	0.35	162150.38	162150.38	0.02000
1128	1160	1161	1196	1195	3	150.00	0.35	162150.38	162150.38	0.02000
1129	1198	1197	1162	1162	1	140.00	0.37	69565.22	69565.22	0.02000
1130	1162	1163	1199	1198	1	140.00	0.37	69565.22	69565.22	0.02000
1131	1163	1164	1200	1199	1	140.00	0.37	69565.22	69565.22	0.02000
1132	1164	1165	1201	1200	1	140.00	0.37	69565.22	69565.22	0.02000
1133	1165	1166	1202	1201	1	140.00	0.37	69565.22	69565.22	0.02000
1134	1166	1167	1203	1202	1	140.00	0.37	69565.22	69565.22	0.02000
1135	1167	1168	1204	1203	1	140.00	0.37	69565.22	69565.22	0.02000
1136	1168	1169	1205	1204	1	140.00	0.37	69565.22	69565.22	0.02000
1137	1169	1170	1206	1205	1	140.00	0.37	69565.22	69565.22	0.02000
1138	1170	1171	1207	1206	1	140.00	0.37	69565.22	69565.22	0.02000
1139	1171	1172	1208	1207	1	140.00	0.37	69565.22	69565.22	0.02000
1140	1172	1173	1209	1208	1	140.00	0.37	69565.22	69565.22	0.02000
1141	1173	1174	1210	1209	1	140.00	0.37	69565.22	69565.22	0.02000
1142	1174	1175	1211	1210	1	140.00	0.37	69565.22	69565.22	0.02000
1143	1175	1176	1212	1211	1	140.00	0.37	69565.22	69565.22	0.02000
1144	1176	1177	1213	1212	1	140.00	0.37	69565.22	69565.22	0.02000
1145	1177	1178	1214	1213	1	140.00	0.37	69565.22	69565.22	0.02000
1146	1178	1179	1215	1214	1	140.00	0.37	69565.22	69565.22	0.02000
1147	1179	1180	1216	1215	1	140.00	0.37	69565.22	69565.22	0.02000
1148	1180	1181	1217	1216	2	145.00	0.35	103751.55	103751.55	0.02000
1149	1181	1182	1218	1217	2	145.00	0.35	103751.55	103751.55	0.02000
1150	1182	1183	1219	1218	2	145.00	0.35	103751.55	103751.55	0.02000
1151	1183	1184	1220	1219	2	145.00	0.35	103751.55	103751.55	0.02000
1152	1184	1185	1221	1220	2	145.00	0.35	103751.55	103751.55	0.02000
1153	1185	1186	1222	1221	2	145.00	0.35	103751.55	103751.55	0.02000
1154	1186	1187	1223	1222	2	145.00	0.35	103751.55	103751.55	0.02000
1155	1187	1188	1224	1223	2	145.00	0.35	103751.55	103751.55	0.02000
1156	1188	1189	1225	1224	2	145.00	0.35	103751.55	103751.55	0.02000
1157	1189	1190	1226	1225	3	150.00	0.35	162150.38	162150.38	0.02000
1158	1190	1191	1227	1226	3	150.00	0.35	162150.38	162150.38	0.02000
1159	1191	1192	1228	1227	3	150.00	0.35	162150.38	162150.38	0.02000
1160	1192	1193	1229	1228	3	150.00	0.35	162150.38	162150.38	0.02000
1161	1193	1194	1230	1229	3	150.00	0.35	162150.38	162150.38	0.02000
1162	1194	1195	1231	1230	3	150.00	0.35	162150.38	162150.38	0.02000
1163	1195	1196	1232	1231	3	150.00	0.35	162150.38	162150.38	0.02000
1164	1234	1233	1197	1197	1	140.00	0.37	69565.22	69565.22	0.02000
1165	1197	1198	1235	1234	1	140.00	0.37	69565.22	69565.22	0.02000
1166	1198	1199	1236	1235	1	140.00	0.37	69565.22	69565.22	0.02000
1167	1199	1200	1237	1236	1	140.00	0.37	69565.22	69565.22	0.02000
1168	1200	1201	1238	1237	1	140.00	0.37	69565.22	69565.22	0.02000
1169	1201	1202	1239	1238	1	140.00	0.37	69565.22	69565.22	0.02000
1170	1202	1203	1240	1239	1	140.00	0.37	69565.22	69565.22	0.02000
1171	1203	1204	1241	1240	1	140.00	0.37	69565.22	69565.22	0.02000
1172	1204	1205	1242	1241	1	140.00	0.37	69565.22	69565.22	0.02000
1173	1205	1206	1243	1242	1	140.00	0.37	69565.22	69565.22	0.02000
1174	1206	1207	1244	1243	1	140.00	0.37	69565.22	69565.22	0.02000
1175	1207	1208	1245	1244	1	140.00	0.37	69565.22	69565.22	0.02000
1176	1208	1209	1246	1245	1	140.00	0.37	69565.22	69565.22	0.02000
1177	1209	1210	1247	1246	1	140.00	0.37	69565.22	69565.22	0.02000
1178	1210	1211	1248	1247	1	140.00	0.37	69565.22	69565.22	0.02000
1179	1211	1212	1249	1248	1	140.00	0.37	69565.22	69565.22	0.02000
1180	1212	1213	1250	1249	1	140.00	0.37	69565.22	69565.22	0.02000
1181	1213	1214	1251	1250	1	140.00	0.37	69565.22	69565.22	0.02000
1182	1214	1215	1252	1251	1	140.00	0.37	69565.22	69565.22	0.02000
1183	1215	1216	1253	1252	2	145.00	0.35	103751.55	103751.55	0.02000
1184	1216	1217	1254	1253	2	145.00	0.35	103751.55	103751.55	0.02000
1185	1217	1218	1255	1254	2	145.00	0.35	103751.55	103751.55	0.02000
1186	1218	1219	1256	1255	2	145.00	0.35	103751.55	103751.55	0.02000
1187	1219	1220	1257	1256	2	145.00	0.35	103751.55	103751.55	0.02000
1188	1220	1221	1258	1257	2	145.00	0.35	103751.55	103751.55	0.02000
1189	1221	1222	1259	1258	2	145.00	0.35	103751.55	103751.55	0.02000
1190	1222	1223	1260	1259	2	145.00	0.35	103751.55	103751.55	0.02000
1191	1223	1224	1261	1260	2	145.00	0.35	103751.55	103751.55	0.02000
1192	1224	1225	1262	1261	3	150.00	0.35	162150.38	162150.38	0.02000
1193	1225	1226	1263	1262	3	150.00	0.35	162150.38	162150.38	0.02000
1194	1226	1227	1264	1263	3	150.00	0.35	162150.38	162150.38	0.02000
1195	1227	1228	1265	1264	3	150.00	0.35	162150.38	162150.38	0.02000
1196	1228	1229	1266	1265	3	150.00	0.35	162150.38	162150.38	0.02000
1197	1229	1230	1267	1266	3	150.00	0.35	162150.38	162150.38	0.02000
1198	1230	1231	1268	1267	3	150.00	0.35	162150.38	162150.38	0.02000
1199	1231	1232	1269	1268	3	150.00	0.35	162150.38	162150.38	0.02000
1200	1271	1270	1233	1233	1	140.00	0.37	69565.22	69565.22	0.02000
1201	1233	1234	1272	1271	1	140.00	0.37	69565.22	69565.22	0.02000
1202	1234	1235	1273	1272	1	140.00	0.37	69565.22	69565.22	0.02000
1203	1235	1236	1274	1273	1	140.00	0.37	69565.22	69565.22	0.02000
1204	1236	1237	1275	1274	1	140.00	0.37	69565.22	69565.22	0.02000
1205	1237	1238	1276	1275	1	140.00	0.37	69565.22	69565.22	0.02000
1206	1238	1239	1277	1276	1	140.00	0.37	69565.22	69565.22	0.02000
1207	1239	1240	1278	1277	1	140.00	0.37	69565.22	69565.22	0.02000
1208	1240	1241	1279	1278	1	140.00	0.37	69565.22	69565.22	0.02000
1209	1241	1242	1280	1279	1	140.00	0.37	69565.22	69565.22	0.02000
1210	1242	1243	1281	1280	1	140.00	0.37	69565.22	69565.22	0.02000
1211	1243	1244	1282	1281	1	140.00	0.37	69565.22	69565.22	0.02000
1212	1244	1245	1283	1282	1	140.00	0.37	69565.22	69565.22	0.02000
1213	1245	1246	1284	1283	1	140.00	0.37	69565.22	69565.22	0.02000
1214	1246	1247	1285	1284	1	140.00	0.37	69565.22	69565.22	0.02000
1215	1247	1248	1286	1285	1	140.00	0.37	69565.22	69565.22	0.02000
1216	1248	1249	1287	1286	1	140.00	0.37	69565.22	69565.22	0.02000
1217	1249	1250	1288	1287	1	140.00	0.37	69565.22	69565.22	0.02000
1218	1250	1251	1289	1288	1	140.00	0.37	69565.22	69565.22	0.02000
1219	1251	1252	1290	1289	2	145.00	0.35	103751.55	103751.55	0.02000
1220	1252	1253	1291	1290	2	145.00	0.35	103751.55	103751.55	0.02000
1221	1253	1254	1292	1291	2	145.00	0.35	103751.55	103751.55	0.02000
1222	1254	1255	1293	1292	2	145.00	0.35	103751.55	103751.55	0.02000
1223	1255	1256	1294	1293	2	145.00	0.35	103751.55	103751.55	0.02000
1224	1256	1257	1295	1294	2	145.00	0.35	103751.55	103751.55	0.02000
1225	1257	1258	1296	1295	2	145.00	0.35	103751.55	103751.55	0.02000
1226	1258	1259	1297	1296	2	145.00	0.35	103751.55	103751.55	0.02000
1227	1259	1260	1298	1297	2	145.00	0.35	103751.55	103751.55	0.02000
1228	1260	1261	1299	1298	2	145.00	0.35	103751.55	103751.55	0.02000
1229	1261	1262	1300	1299	3	150.00	0.35	162150.38	162150.38	0.02000
1230	1262	1263	1301	1300	3	150.00	0.35	162150.38	162150.38	0.02000
1231	1263	1264	1302	1301	3	150.00	0.35	162150.38	162150.38	0.02000
1232	1264	1265	1303	1302	3	150.00	0.35	162150.38	162150.38	0.02000

1233	1265	1266	1304	1303	3	150.00	0.35	162150.30	162150.30	0.02000
1234	1266	1267	1305	1304	3	150.00	0.35	162150.30	162150.30	0.02000
1235	1267	1268	1306	1305	3	150.00	0.35	162150.30	162150.30	0.02000
1236	1268	1269	1307	1306	3	150.00	0.35	162150.30	162150.30	0.02000
1237	1309	1308	1270	1270	1	140.00	0.37	69565.22	69565.22	0.02000
1238	1270	1271	1310	1309	1	140.00	0.37	69565.22	69565.22	0.02000
1239	1271	1272	1311	1310	1	140.00	0.37	69565.22	69565.22	0.02000
1240	1272	1273	1312	1311	1	140.00	0.37	69565.22	69565.22	0.02000
1241	1273	1274	1313	1312	1	140.00	0.37	69565.22	69565.22	0.02000
1242	1274	1275	1314	1313	1	140.00	0.37	69565.22	69565.22	0.02000
1243	1275	1276	1315	1314	1	140.00	0.37	69565.22	69565.22	0.02000
1244	1276	1277	1316	1315	1	140.00	0.37	69565.22	69565.22	0.02000
1245	1277	1278	1317	1316	1	140.00	0.37	69565.22	69565.22	0.02000
1246	1278	1279	1318	1317	1	140.00	0.37	69565.22	69565.22	0.02000
1247	1279	1280	1319	1318	1	140.00	0.37	69565.22	69565.22	0.02000
1248	1280	1281	1320	1319	1	140.00	0.37	69565.22	69565.22	0.02000
1249	1281	1282	1321	1320	1	140.00	0.37	69565.22	69565.22	0.02000
1250	1282	1283	1322	1321	1	140.00	0.37	69565.22	69565.22	0.02000
1251	1283	1284	1323	1322	1	140.00	0.37	69565.22	69565.22	0.02000
1252	1284	1285	1324	1323	1	140.00	0.37	69565.22	69565.22	0.02000
1253	1285	1286	1325	1324	1	140.00	0.37	69565.22	69565.22	0.02000
1254	1286	1287	1326	1325	1	140.00	0.37	69565.22	69565.22	0.02000
1255	1287	1288	1327	1326	1	140.00	0.37	69565.22	69565.22	0.02000
1256	1288	1289	1328	1327	2	145.00	0.35	103751.55	103751.55	0.02000
1257	1289	1290	1329	1328	2	145.00	0.35	103751.55	103751.55	0.02000
1258	1290	1291	1330	1329	2	145.00	0.35	103751.55	103751.55	0.02000
1259	1291	1292	1331	1330	2	145.00	0.35	103751.55	103751.55	0.02000
1260	1292	1293	1332	1331	2	145.00	0.35	103751.55	103751.55	0.02000
1261	1293	1294	1333	1332	2	145.00	0.35	103751.55	103751.55	0.02000
1262	1294	1295	1334	1333	2	145.00	0.35	103751.55	103751.55	0.02000
1263	1295	1296	1335	1334	2	145.00	0.35	103751.55	103751.55	0.02000
1264	1296	1297	1336	1335	2	145.00	0.35	103751.55	103751.55	0.02000
1265	1297	1298	1337	1336	2	145.00	0.35	103751.55	103751.55	0.02000
1266	1298	1299	1338	1337	3	150.00	0.35	162150.30	162150.30	0.02000
1267	1299	1300	1339	1338	3	150.00	0.35	162150.30	162150.30	0.02000
1268	1300	1301	1340	1339	3	150.00	0.35	162150.30	162150.30	0.02000
1269	1301	1302	1341	1340	3	150.00	0.35	162150.30	162150.30	0.02000
1270	1302	1303	1342	1341	3	150.00	0.35	162150.30	162150.30	0.02000
1271	1303	1304	1343	1342	3	150.00	0.35	162150.30	162150.30	0.02000
1272	1304	1305	1344	1343	3	150.00	0.35	162150.30	162150.30	0.02000
1273	1305	1306	1345	1344	3	150.00	0.35	162150.30	162150.30	0.02000
1274	1306	1307	1346	1345	3	150.00	0.35	162150.30	162150.30	0.02000
1275	1348	1347	1308	1308	1	140.00	0.37	69565.22	69565.22	0.02000
1276	1308	1309	1349	1348	1	140.00	0.37	69565.22	69565.22	0.02000
1277	1309	1310	1350	1349	1	140.00	0.37	69565.22	69565.22	0.02000
1278	1310	1311	1351	1350	1	140.00	0.37	69565.22	69565.22	0.02000
1279	1311	1312	1352	1351	1	140.00	0.37	69565.22	69565.22	0.02000
1280	1312	1313	1353	1352	1	140.00	0.37	69565.22	69565.22	0.02000
1281	1313	1314	1354	1353	1	140.00	0.37	69565.22	69565.22	0.02000
1282	1314	1315	1355	1354	1	140.00	0.37	69565.22	69565.22	0.02000
1283	1315	1316	1356	1355	1	140.00	0.37	69565.22	69565.22	0.02000
1284	1316	1317	1357	1356	1	140.00	0.37	69565.22	69565.22	0.02000
1285	1317	1318	1358	1357	1	140.00	0.37	69565.22	69565.22	0.02000
1286	1318	1319	1359	1358	1	140.00	0.37	69565.22	69565.22	0.02000
1287	1319	1320	1360	1359	1	140.00	0.37	69565.22	69565.22	0.02000
1288	1320	1321	1361	1360	1	140.00	0.37	69565.22	69565.22	0.02000
1289	1321	1322	1362	1361	1	140.00	0.37	69565.22	69565.22	0.02000
1290	1322	1323	1363	1362	1	140.00	0.37	69565.22	69565.22	0.02000
1291	1323	1324	1364	1363	1	140.00	0.37	69565.22	69565.22	0.02000
1292	1324	1325	1365	1364	1	140.00	0.37	69565.22	69565.22	0.02000
1293	1325	1326	1366	1365	1	140.00	0.37	69565.22	69565.22	0.02000
1294	1326	1327	1367	1366	1	140.00	0.37	69565.22	69565.22	0.02000
1295	1327	1328	1368	1367	2	145.00	0.35	103751.55	103751.55	0.02000
1296	1328	1329	1369	1368	2	145.00	0.35	103751.55	103751.55	0.02000
1297	1329	1330	1370	1369	2	145,00	0.35	103751.55	103751.55	0.02000
1298	1330	1331	1371	1370	2	145.00	0.35	103751.55	103751.55	0.02000
1299	1331	1332	1372	1371	2	145.00	0.35	103751.55	103751.55	0.02000
1300	1332	1333	1373	1372	2	145.00	0.35	103751.55	103751.55	0.02000
1301	1333	1334	1374	1373	2	145.00	0.35	103751.55	103751.55	0.02000
1302	1334	1335	1375	1374	2	145.00	0.35	103751.55	103751.55	0.02000
1303	1335	1336	1376	1375	2	145.00	0.35	103751.55	103751.55	0.02000
1304	1336	1337	1377	1376	2	145.00	0.35	103751.55	103751.55	0.02000
1305	1337	1338	1378	1377	3	150.00	0.35	162150.30	162150.30	0.02000
1306	1338	1339	1379	1378	3	150.00	0.35	162150.30	162150.30	0.02000
1307	1339	1340	1380	1379	3	150.00	0.35	162150.30	162150.30	0.02000
1308	1340	1341	1381	1380	3	150.00	0.35	162150.30	162150.30	0.02000
1309	1341	1342	1382	1381	3	150.00	0.35	162150.30	162150.30	0.02000
1310	1342	1343	1383	1382	3	150.00	0.35	162150.30	162150.30	0.02000
1311	1343	1344	1384	1383	3	150.00	0.35	162150.30	162150.30	0.02000
1312	1344	1345	1385	1384	3	150.00	0.35	162150.30	162150.30	0.02000
1313	1345	1346	1386	1385	3	150.00	0.35	162150.30	162150.30	0.02000
1314	1388	1387	1347	1347	1	140.00	0.37	69565.22	69565.22	0.02000
1315	1347	1348	1389	1388	1	140.00	0.37	69565.22	69565.22	0.02000
1316	1348	1349	1390	1389	1	140.00	0.37	69565.22	69565.22	0.02000
1317	1349	1350	1391	1390	1	140.00	0.37	69565.22	69565.22	0.02000
1318	1350	1351	1392	1391	1	140.00	0.37	69565.22	69565.22	0.02000
1319	1351	1352	1393	1392	1	140.00	0.37	69565.22	69565.22	0.02000
1320	1352	1353	1394	1393	1	140.00	0.37	69565.22	69565.22	0.02000
1321	1353	1354	1395	1394	1	140.00	0.37	69565.22	69565.22	0.02000
1322	1354	1355	1396	1395	1	140.00	0.37	69565.22	69565.22	0.02000
1323	1355	1356	1397	1396	1	140.00	0.37	69565.22	69565.22	0.02000
1324	1356	1357	1398	1397	1	140.00	0.37	69565.22	69565.22	0.02000
1325	1357	1358	1399	1398	1	140.00	0.37	69565.22	69565.22	0.02000
1326	1358	1359	1400	1399	1	140.00	0.37	69565.22	69565.22	0.02000
1327	1359	1360	1401	1400	1	140.00	0.37	69565.22	69565.22	0.02000
1328	1360	1361	1402	1401	1	140.00	0.37	69565.22	69565.22	0.02000
1329	1361	1362	1403	1402	1	140.00	0.37	69565.22	69565.22	0.02000
1330	1362	1363	1404	1403	1	140.00	0.37	69565.22	69565.22	0.02000
1331	1363	1364	1405	1404	1	140.00	0.37	69565.22	69565.22	0.02000
1332	1364	1365	1406	1405	1	140.00	0.37	69565.22	69565.22	0.02000
1333	1365	1366	1407	1406	1	140.00	0.37	69565.22	69565.22	0.02000
1334	1366	1367	1408	1407	2	145.00	0.35	103751.55	103751.55	0.02000
1335	1367	1368	1409	1408	2	145.00	0.35	103751.55	103751.55	0.02000
1336	1368	1369	1410	1409	2	145.00	0.35	103751.55	103751.55	0.02000
1337	1369	1370	1411	1410	2	145.00	0.35	103751.55	103751.55	0.02000
1338	1370	1371	1412	1411	2	145.00	0.35	103751.55	103751.55	0.02000
1339	1371	1372	1413	1412	2	145.00	0.35	103751.55	103751.55	0.02000
1340	1372	1373	1414	1413	2	145.00	0.35	103751.55	103751.55	0.02000
1341	1373	1374	1415	1414	2	145.00	0.35	103751.55	103751.55	0.02000
1342	1374	1375	1416	1415	2	145.00	0.35	103751.55	103751.55	0.02000
1343	1375	1376	1417	1416	2	145.00	0.35	103751.55	103751.55	0.02000
1344	1376	1377	1418	1417	3	150.00	0.35	162150.30	162150.30	0.02000
1345	1377	1378	1419	1418	3	150.00	0.35	162150.30	162150.30	0.02000
1346	1378	1379	1420	1419	3	150.00	0.35	162150.30	162150.30	0.02000
1347	1379	1380	1421	1420	3	150.00	0.35	162150.30	162150.30	0.02000
1348	1380	1381	1422	1421	3	150.00	0.35	162150.30	162150.30	0.02000
1349	1381	1382	1423	1422	3	150.00	0.35	162150.30	162150.30	0.02000
1350	1382	1383	1424	1423	3	150.00	0.35	162150.30	162150.30	0.02000
1351	1383	1384	1425	1424	3	150.00	0.35	162150.30	162150.30	0.02000
1352	1384	1385	1426	1425	3	150.00	0.35	162150.30	162150.30	0.02000
1353	1385	1386	1427	1426	3	150.00	0.35	162150.30	162150.30	0.02000
1354	1429	1428	1387	1387	1	140.00	0.37	69565.22	69565.22	0.02000
1355	1387	1388	1430	1429	1	140.00	0.37	69565.22	69565.22	0.02000
1356	1388	1389	1431	1430	1	140.00	0.37	69565.22	69565.22	0.02000
1357	1389	1390	1432	1431	1	140.00	0.37	69565.22	69565.22	0.02000
1358	1390	1391	1433	1432	1	140.00	0.37	69565.22	69565.22	0.02000
1359	1391	1392	1434	1433	1	140.00	0.37	69565.22	69565.22	0.02000
1360	1392	1393	1435	1434	1	140.00	0.37	69565.22	69565.22	0.02000
1361	1393	1394	1436	1435	1	140.00	0.37	69565.22	69565.22	0.02000
1362	1394	1395	1437	1436	1	140.00	0.37	69565.22	69565.22	0.02000
1363	1395	1396	1438	1437	1	140.00	0.37	69565.22	69565.22	0.02000
1364	1396	1397	1439	1438	1	140.00	0.37	69565.22	69565.22	0.02000
1365	1397	1398	1440	1439	1	140.00	0.37	69565.22	69565.22	0.02000
1366	1398	1399	1441	1440	1	140.00	0.37	69565.22	69565.22	0.02000
1367	1399	1400	1442	1441	1	140.00	0.37	69565.22	69565.22	0.02000
1368	1400	1401	1443	1442	1	140.00	0.37	69565.22	69565.22	0.02000
1369	1401	1402	1444	1443	1	140.00	0.37	69565.22	69565.22	0.02000
1370	1402	1403	1445	1444	1	140.00	0.37	69565.22	69565.22	0.02000
1371	1403	1404	1446	1445	1	140.00	0.37	69565.22	69565.22	0.02000
1372	1404	1405	1447	1446	1	140.00	0.37	69565.22	69565.22	0.02000
1373	1405	1406	1448	1447	1	140.00	0.37	69565.22	69565.22	0.02000
1374	1406	1407	1449	1448	2	145.00	0.35	103751.55	103751.55	0.02000
1375	1407	1408	1450	1449	2	145.00	0.35	103751.55	103751.55	0.02000
1376	1408	1409	1451	1450	2	145.00	0.35	103751.55	103751.55	0.02000
1377	1409	1410	1452	1451	2	145.00	0.35	103751.55	103751.55	0.02000
1378	1410	1411	1453	1452	2	145.00	0.35	103751.55	103751.55	0.02000
1379	1411	1412	1454	1453	2	145.00	0.35	103751.55	103751.55	0.02000
1380	1412	1413	1455	1454	2	145.00	0.35	103751.55	103751.55	0.02000
1381	1413	1414	1456	1455	2	145.00	0.35	103751.55	103751.55	0.02000
1382	1414	1415	1457	1456	2	145.00	0.35	103751.55	103751.55	0.02000
1383	1415	1416	1458	1457	2	145.00	0.35	103751.55	103751.55	0.02000
1384	1416	1417	1459	1458	3	150.00	0.35	162150.30	162150.30	0.02000
1385	1417	1418	1460	1459	3	150.00	0.35	162150.30	162150.30	0.02000
1386	1418	1419	1461	1460	3	150.00	0.35	162150.30	162150.30	0.02000
1387	1419	1420	1462	1461	3	150.00	0.35	162150.30	162150.30	0.02000
1388	1420	1421	1463	1462	3	150.00	0.35	162150.30	162150.30	0.02000
1389	1421	1422	1464	1463	3	150.00	0.35	162150.30	162150.30	0.02000
1390	1422	1423	1465	1464	3	150.00	0.35	162150.30	162150.30	0.02000
1391	1423	1424	1466	1465	3	150.00	0.35	162150.30	162150.30	0.02000
1392	1424	1425	1467	1466	3	150.00	0.35	162150.30	162150.30	0.02000
1393	1425	1426	1468	1467	3	150.00	0.35	162150.30	162150.30	0.02000
1394	1426	1427	1469	1468	3	150.00	0.35	162150.30	162150.30	0.02000
1395	1471	1470	1428	1428	1	140.00	0.37	69565.22	69565.22	0.02000
1396	1428	1429	1472	1471	1	140.00	0.37	69565.22	69565.22	0.02000
1397	1429	1430	1473	1472	1	140.00	0.37	69565.22	69565.22	0.02000
1398	1430	1431	1474	1473	1	140.00	0.37	69565.22	69565.22	0.02000
1399	1431	1432	1475	1474	1	140.00	0.37	69565.22	69565.22	0.02000
1400	1432	1433	1476	1475	1	140.00	0.37	69565.22	69565.22	0.02000
1401	1433	1434	1477	1476	1	140.00	0.37	69565.22	69565.22	0.02000
1402	1434	1435	1478	1477	1	140.00	0.37	69565.22	69565.22	0.02000
1403	1435	1436	1479	1478	1	140.00	0.37	69565.22	69565.22	0.02000
1404	1436	1437	1480	1479	1	140.00	0.37	69565.22	69565.22	0.02000
1405	1437	1438	1481	1480	1	140.00	0.37	69565.22	69565.22	0.02000
1406	1438	1439	1482	1481	1	140.00	0.37	69565.22	69565.22	0.02000
1407	1439	1440	1483	1482	1	140.00	0.37	69565.22	69565.22	0.02000
1408	1440	1441	1484	1483	1	140.00	0.37	69565.22	69565.22	0.02000
1409	1441	1442	1485	1484	1	140.00	0.37	69565.22	69565.22	0.02000
1410	1442	1443	1486	1485	1	140.00	0.37	69565.22	69565.22	0.02000
1411	1443	1444	1487	1486	1	140.00	0.37	69565.22	69565.22	0.02000
1412	1444	1445	1488	1487	1	140.00	0.37	69565.22	69565.22	0.02000
1413	1445	1446	1489	1488	1	140.00	0.37	69565.22	69565.22	0.02000
1414	1446	1447	1490	1489	1	140.00	0.37	69565.22	69565.22	0.02000
1415	1447	1448	1491	1490	1	140.00	0.37	69565.22	69565.22	0.02000
1416	1448	1449	1492	1491	2	145.00	0.35	103751.55	103751.55	0.02000
1417	1449	1450	1493	1492	2	145.00	0.35	103751.55	103751.55	0.02000
1418	1450	1451	1494	1493	2	145.00	0.35	103751.55	103751.55	0.02000
1419	1451	1452	1495	1494	2	145.00	0.35	103751.55	103751.55	0.02000
1420	1452	1453	1496	1495	2	145.00	0.35	103751.55	103751.55	0.02000
1421	1453	1454	1497	1496	2	145.00	0.35	103751.55	103751.55	0.02000
1422	1454	1455	1498	1497	2	145.00	0.35	103751.55	103751.55	0.02000
1423	1455	1456	1499	1498	2	145.00	0.35	103751.55	103751.55	0.02000
1424	1456	1457	1500	1499	2	145.00	0.35	103751.55	103751.55	0.02000
1425	1457	1458	1501	1500	2	145.00	0.35	103751.55	103751.55	0.02000
1426	1458	1459	1502	1501	3	150.00	0.35	162150.30	162150.30	0.02000
1427	1459	1460	1503	1502	3	150.00	0.35	162150.30	162150.30	0.02000
1428	1460	1461	1504	1503	3	150.00	0.35	162150.30	162150.30	0.02000
1429	1461	1462	1505	1504	3	150.00	0.35	162150.30	162150.30	0.02000
1430	1462	1463	1506	1505	3	150.00	0.35	162150.30	162150.30	0.02000
1431	1463	1464	1507	1506	3	150.00	0.35	162150.30	162150.30	0.02000
1432	1464	1465	1508	1507	3	150.00	0.35	162150.30	162150.30	0.02000
1433	1465	1466	1509	1508	3	150.00	0.35	162150.30	162150.30	0.02000
1434	1466	1467	1510	1509	3	150.00	0.35	162150.30	162150.30	0.02000
1435	1467	1468	1511	1510	3	150.00	0.35	162150.30	162150.30	0.02000
1436	1468	1469	1512	1511	3	150.00	0.35	162150.30	162150.30	0.02000
1437	1514	1513	1470	1470	1	140.00	0.37	69565.22	69565.22	0.02000
1438	1470	1471	1515	1514	1	140.00	0.37	69565.22	69565.22	0.02000
1439	1471	1472	1516	1515	1	140.00	0.37	69565.22	69565.22	0.02000
1440	1472	1473	1517	1516	1	140.00	0.37	69565.22	69565.22	0.02000
1441	1473	1474	1518	1517	1	140.00	0.37	69565.22	69565.22	0.02000
1442	1474	1475	1519	1518	1	140.00	0.37	69565.22	69565.22	0.02000
1443	1475	1476	1520	1519	1	140.00	0.37	69565.22	69565.22	0.02000
1444	1476	1477	1521	1520	1	140.00	0.37	69565.22	69565.22	0.02000
1445	1477	1478	1522	1521	1	140.00	0.37	69565.22	69565.22	0.02000
1446	1478	1479	1523	1522	1	140.00	0.37	69565.22	69565.22	0.02000
1447	1479	1480	1524	1523	1	140.00	0.37	69565.22	69565.22	0.02000
1448	1480	1481	1525	1524	1	140.00	0.37	69565.22	69565.22	0.02000
1449	1481	1482	1526	1525	1	140.00	0.37	69565.22	69565.22	0.02000
1450	1482	1483	1527	1526	1	140.00	0.37	69565.22	69565.22	0.02000
1451	1483	1484	1528	1527	1	140.00	0.37	69565.22	69565.22	0.02000
1452	1484	1485	1529	1528	1	140.00	0.37	69565.22	69565.22	0.02000
1453	1485	1486	1530	1529	1	140.00	0.37	69565.22	69565.22	0.02000
1454	1486	1487	1531	1530	1	140.00	0.37	69565.22	69565.22	0.02000
1455	1487	1488	1532	1531	1	140.00	0.37	69565.22	69565.22	0.02000
1456	1488	1489	1533	1532	1	140.00	0.37	69565.22	69565.22	0.02000
1457	1489	1490	1534	1533	1	140.00	0.37	69565.22	69565.22	0.02000
1458	1490	1491	1535	1534	2	145.00	0.35	103751.55	103751.55	0.02000
1459	1491	1492	1536	1535	2	145.00	0.35	103751.55	103751.55	0.02000
1460	1492	1493	1537	1536	2	145.00	0.35	103751.55	103751.55	0.02000
1461	1493	1494	1538	1537	2	145.00	0.35	103751.55	103751.55	0.02000
1462	1494	1495	1539	1538	2	145.00	0.35	103751.55	103751.55	0.02000
1463	1495	1496	1540	1539	2	145.00	0.35	103751.55	103751.55	0.02000
1464	1496	1497	1541	1540	2	145.00	0.35	103751.55	103751.55	0.02000
1465	1497	1498	1542	1541	2	145.00	0.35	103751.55	103751.55	0.02000
1466	1498	1499	1543	1542	2	145.00	0.35	103751.55	103751.55	0.02000
1467	1499	1500	1544	1543	2	145.00	0.35	103751.55	103751.55	0.02000
1468	1500	1501	1545	1544	3	150.00	0.35	162150.30	162150.30	0.02000
1469	1501	1502	1546	1545	3	150.00	0.35	162150.30	162150.30	0.02000
1470	1502	1503	1547	1546	3	150.00	0.35	162150.30	162150.30	0.02000
1471	1503	1504	1548	1547	3	150.00	0.35	162150.30	162150.30	0.02000
1472	1504	1505	1549	1548	3	150.00	0.35	162150.30	162150.30	0.02000
1473	1505	1506	1550	1549	3	150.00	0.35	162150.30	162150.30	0.02000
1474	1506	1507	1551	1550	3	150.00	0.35	162150.30	162150.30	0.02000
1475	1507	1508	1552	1551	3	150.00	0.35	162150.30	162150.30	0.02000
1476	1508	1509	1553	1552	3	150.00	0.35	162150.30	162150.30	0.02000
1477	1509	1510	1554	1553	3	150.00	0.35	162150.30	162150.30	0.02000
1478	1510	1511	1555	1554	3	150.00	0.35	162150.30	162150.30	0.02000
1479	1511	1512	1556	1555	3	150.00	0.35	162150.30	162150.30	0.02000
1480	1558	1557	1513	1513	1	140.00	0.37	69565.22	69565.22	0.02000
1481	1513	1514	1559	1558	1	140.00	0.37	69565.22	69565.22	0.02000
1482	1514	1515	1560	1559	1	140.00	0.37	69565.22	69565.22	0.02000
1483	1515	1516	1561	1560	1	140.00	0.37	69565.22	69565.22	0.02000
1484	1516	1517	1562	1561	1	140.00	0.37	69565.22	69565.22	0.02000
1485	1517	1518	1563	1562	1	140.00	0.37	69565.22	69565.22	0.02000
1486	1518	1519	1564	1563	1	140.00	0.37	69565.22	69565.22	0.02000

1487	1519	1520	1565	1564	1	140.00	0.37	69565.22	69565.22	0.02000
1488	1520	1521	1566	1565	1	140.00	0.37	69565.22	69565.22	0.02000
1489	1521	1522	1567	1566	1	140.00	0.37	69565.22	69565.22	0.02000
1490	1522	1523	1568	1567	1	140.00	0.37	69565.22	69565.22	0.02000
1491	1523	1524	1569	1568	1	140.00	0.37	69565.22	69565.22	0.02000
1492	1524	1525	1570	1569	1	140.00	0.37	69565.22	69565.22	0.02000
1493	1525	1526	1571	1570	1	140.00	0.37	69565.22	69565.22	0.02000
1494	1526	1527	1572	1571	1	140.00	0.37	69565.22	69565.22	0.02000
1495	1527	1528	1573	1572	1	140.00	0.37	69565.22	69565.22	0.02000
1496	1528	1529	1574	1573	1	140.00	0.37	69565.22	69565.22	0.02000
1497	1529	1530	1575	1574	1	140.00	0.37	69565.22	69565.22	0.02000
1498	1530	1531	1576	1575	1	140.00	0.37	69565.22	69565.22	0.02000
1499	1531	1532	1577	1576	1	140.00	0.37	69565.22	69565.22	0.02000
1500	1532	1533	1578	1577	1	140.00	0.37	69565.22	69565.22	0.02000
1501	1533	1534	1579	1578	2	145.00	0.35	103751.55	103751.55	0.02000
1502	1534	1535	1580	1579	2	145.00	0.35	103751.55	103751.55	0.02000
1503	1535	1536	1581	1580	2	145.00	0.35	103751.55	103751.55	0.02000
1504	1536	1537	1582	1581	2	145.00	0.35	103751.55	103751.55	0.02000
1505	1537	1538	1583	1582	2	145.00	0.35	103751.55	103751.55	0.02000
1506	1538	1539	1584	1583	2	145.00	0.35	103751.55	103751.55	0.02000
1507	1539	1540	1585	1584	2	145.00	0.35	103751.55	103751.55	0.02000
1508	1540	1541	1586	1585	2	145.00	0.35	103751.55	103751.55	0.02000
1509	1541	1542	1587	1586	2	145.00	0.35	103751.55	103751.55	0.02000
1510	1542	1543	1588	1587	2	145.00	0.35	103751.55	103751.55	0.02000
1511	1543	1544	1589	1588	3	150.00	0.35	162150.30	162150.30	0.02000
1512	1544	1545	1590	1589	3	150.00	0.35	162150.30	162150.30	0.02000
1513	1545	1546	1591	1590	3	150.00	0.35	162150.30	162150.30	0.02000
1514	1546	1547	1592	1591	3	150.00	0.35	162150.30	162150.30	0.02000
1515	1547	1548	1593	1592	3	150.00	0.35	162150.30	162150.30	0.02000
1516	1548	1549	1594	1593	3	150.00	0.35	162150.30	162150.30	0.02000
1517	1549	1550	1595	1594	3	150.00	0.35	162150.30	162150.30	0.02000
1518	1550	1551	1596	1595	3	150.00	0.35	162150.30	162150.30	0.02000
1519	1551	1552	1597	1596	3	150.00	0.35	162150.30	162150.30	0.02000
1520	1552	1553	1598	1597	3	150.00	0.35	162150.30	162150.30	0.02000
1521	1553	1554	1599	1598	3	150.00	0.35	162150.30	162150.30	0.02000
1522	1554	1555	1600	1599	3	150.00	0.35	162150.30	162150.30	0.02000
1523	1555	1556	1601	1600	3	150.00	0.35	162150.30	162150.30	0.02000
1524	1603	1602	1557	1557	1	140.00	0.37	69565.22	69565.22	0.02000
1525	1557	1558	1604	1603	1	140.00	0.37	69565.22	69565.22	0.02000
1526	1558	1559	1605	1604	1	140.00	0.37	69565.22	69565.22	0.02000
1527	1559	1560	1606	1605	1	140.00	0.37	69565.22	69565.22	0.02000
1528	1560	1561	1607	1606	1	140.00	0.37	69565.22	69565.22	0.02000
1529	1561	1562	1608	1607	1	140.00	0.37	69565.22	69565.22	0.02000
1530	1562	1563	1609	1608	1	140.00	0.37	69565.22	69565.22	0.02000
1531	1563	1564	1610	1609	1	140.00	0.37	69565.22	69565.22	0.02000
1532	1564	1565	1611	1610	1	140.00	0.37	69565.22	69565.22	0.02000
1533	1565	1566	1612	1611	1	140.00	0.37	69565.22	69565.22	0.02000
1534	1566	1567	1613	1612	1	140.00	0.37	69565.22	69565.22	0.02000
1535	1567	1568	1614	1613	1	140.00	0.37	69565.22	69565.22	0.02000
1536	1568	1569	1615	1614	1	140.00	0.37	69565.22	69565.22	0.02000
1537	1569	1570	1616	1615	1	140.00	0.37	69565.22	69565.22	0.02000
1538	1570	1571	1617	1616	1	140.00	0.37	69565.22	69565.22	0.02000
1539	1571	1572	1618	1617	1	140.00	0.37	69565.22	69565.22	0.02000
1540	1572	1573	1619	1618	1	140.00	0.37	69565.22	69565.22	0.02000
1541	1573	1574	1620	1619	1	140.00	0.37	69565.22	69565.22	0.02000
1542	1574	1575	1621	1620	1	140.00	0.37	69565.22	69565.22	0.02000
1543	1575	1576	1622	1621	1	140.00	0.37	69565.22	69565.22	0.02000
1544	1576	1577	1623	1622	1	140.00	0.37	69565.22	69565.22	0.02000
1545	1577	1578	1624	1623	2	145.00	0.35	103751.55	103751.55	0.02000
1546	1578	1579	1625	1624	2	145.00	0.35	103751.55	103751.55	0.02000
1547	1579	1580	1626	1625	2	145.00	0.35	103751.55	103751.55	0.02000
1548	1580	1581	1627	1626	2	145.00	0.35	103751.55	103751.55	0.02000
1549	1581	1582	1628	1627	2	145.00	0.35	103751.55	103751.55	0.02000
1550	1582	1583	1629	1628	2	145.00	0.35	103751.55	103751.55	0.02000
1551	1583	1584	1630	1629	2	145.00	0.35	103751.55	103751.55	0.02000
1552	1584	1585	1631	1630	2	145.00	0.35	103751.55	103751.55	0.02000
1553	1585	1586	1632	1631	2	145.00	0.35	103751.55	103751.55	0.02000
1554	1586	1587	1633	1632	2	145.00	0.35	103751.55	103751.55	0.02000
1555	1587	1588	1634	1633	3	150.00	0.35	162150.30	162150.30	0.02000
1556	1588	1589	1635	1634	3	150.00	0.35	162150.30	162150.30	0.02000
1557	1589	1590	1636	1635	3	150.00	0.35	162150.30	162150.30	0.02000
1558	1590	1591	1637	1636	3	150.00	0.35	162150.30	162150.30	0.02000
1559	1591	1592	1638	1637	3	150.00	0.35	162150.30	162150.30	0.02000
1560	1592	1593	1639	1638	3	150.00	0.35	162150.30	162150.30	0.02000
1561	1593	1594	1640	1639	3	150.00	0.35	162150.30	162150.30	0.02000
1562	1594	1595	1641	1640	3	150.00	0.35	162150.30	162150.30	0.02000
1563	1595	1596	1642	1641	3	150.00	0.35	162150.30	162150.30	0.02000
1564	1596	1597	1643	1642	3	150.00	0.35	162150.30	162150.30	0.02000
1565	1597	1598	1644	1643	3	150.00	0.35	162150.30	162150.30	0.02000
1566	1598	1599	1645	1644	3	150.00	0.35	162150.30	162150.30	0.02000
1567	1599	1600	1646	1645	3	150.00	0.35	162150.30	162150.30	0.02000
1568	1600	1601	1647	1646	3	150.00	0.35	162150.30	162150.30	0.02000
1569	1649	1648	1602	1602	1	140.00	0.37	69565.22	69565.22	0.02000
1570	1602	1603	1650	1649	1	140.00	0.37	69565.22	69565.22	0.02000
1571	1603	1604	1651	1650	1	140.00	0.37	69565.22	69565.22	0.02000
1572	1604	1605	1652	1651	1	140.00	0.37	69565.22	69565.22	0.02000
1573	1605	1606	1653	1652	1	140.00	0.37	69565.22	69565.22	0.02000
1574	1606	1607	1654	1653	1	140.00	0.37	69565.22	69565.22	0.02000
1575	1607	1608	1655	1654	1	140.00	0.37	69565.22	69565.22	0.02000
1576	1608	1609	1656	1655	1	140.00	0.37	69565.22	69565.22	0.02000
1577	1609	1610	1657	1656	1	140.00	0.37	69565.22	69565.22	0.02000
1578	1610	1611	1658	1657	1	140.00	0.37	69565.22	69565.22	0.02000
1579	1611	1612	1659	1658	1	140.00	0.37	69565.22	69565.22	0.02000
1580	1612	1613	1660	1659	1	140.00	0.37	69565.22	69565.22	0.02000
1581	1613	1614	1661	1660	1	140.00	0.37	69565.22	69565.22	0.02000
1582	1614	1615	1662	1661	1	140.00	0.37	69565.22	69565.22	0.02000
1583	1615	1616	1663	1662	1	140.00	0.37	69565.22	69565.22	0.02000
1584	1616	1617	1664	1663	1	140.00	0.37	69565.22	69565.22	0.02000
1585	1617	1618	1665	1664	1	140.00	0.37	69565.22	69565.22	0.02000
1586	1618	1619	1666	1665	1	140.00	0.37	69565.22	69565.22	0.02000
1587	1619	1620	1667	1666	1	140.00	0.37	69565.22	69565.22	0.02000
1588	1620	1621	1668	1667	1	140.00	0.37	69565.22	69565.22	0.02000
1589	1621	1622	1669	1668	1	140.00	0.37	69565.22	69565.22	0.02000
1590	1622	1623	1670	1669	1	140.00	0.37	69565.22	69565.22	0.02000
1591	1623	1624	1671	1670	2	145.00	0.35	103751.55	103751.55	0.02000
1592	1624	1625	1672	1671	2	145.00	0.35	103751.55	103751.55	0.02000
1593	1625	1626	1673	1672	2	145.00	0.35	103751.55	103751.55	0.02000
1594	1626	1627	1674	1673	2	145.00	0.35	103751.55	103751.55	0.02000
1595	1627	1628	1675	1674	2	145.00	0.35	103751.55	103751.55	0.02000
1596	1628	1629	1676	1675	2	145.00	0.35	103751.55	103751.55	0.02000
1597	1629	1630	1677	1676	2	145.00	0.35	103751.55	103751.55	0.02000
1598	1630	1631	1678	1677	2	145.00	0.35	103751.55	103751.55	0.02000
1599	1631	1632	1679	1678	2	145.00	0.35	103751.55	103751.55	0.02000
1600	1632	1633	1680	1679	2	145.00	0.35	103751.55	103751.55	0.02000
1601	1633	1634	1681	1680	3	150.00	0.35	162150.30	162150.30	0.02000
1602	1634	1635	1682	1681	3	150.00	0.35	162150.30	162150.30	0.02000
1603	1635	1636	1683	1682	3	150.00	0.35	162150.30	162150.30	0.02000
1604	1636	1637	1684	1683	3	150.00	0.35	162150.30	162150.30	0.02000
1605	1637	1638	1685	1684	3	150.00	0.35	162150.30	162150.30	0.02000
1606	1638	1639	1686	1685	3	150.00	0.35	162150.30	162150.30	0.02000
1607	1639	1640	1687	1686	3	150.00	0.35	162150.30	162150.30	0.02000
1608	1640	1641	1688	1687	3	150.00	0.35	162150.30	162150.30	0.02000
1609	1641	1642	1689	1688	3	150.00	0.35	162150.30	162150.30	0.02000
1610	1642	1643	1690	1689	3	150.00	0.35	162150.30	162150.30	0.02000
1611	1643	1644	1691	1690	3	150.00	0.35	162150.30	162150.30	0.02000
1612	1644	1645	1692	1691	3	150.00	0.35	162150.30	162150.30	0.02000
1613	1645	1646	1693	1692	3	150.00	0.35	162150.30	162150.30	0.02000
1614	1646	1647	1694	1693	3	150.00	0.35	162150.30	162150.30	0.02000
1615	1696	1695	1648	1648	1	140.00	0.37	69565.22	69565.22	0.02000
1616	1648	1649	1697	1696	1	140.00	0.37	69565.22	69565.22	0.02000
1617	1649	1650	1698	1697	1	140.00	0.37	69565.22	69565.22	0.02000
1618	1650	1651	1699	1698	1	140.00	0.37	69565.22	69565.22	0.02000
1619	1651	1652	1700	1699	1	140.00	0.37	69565.22	69565.22	0.02000
1620	1652	1653	1701	1700	1	140.00	0.37	69565.22	69565.22	0.02000
1621	1653	1654	1702	1701	1	140.00	0.37	69565.22	69565.22	0.02000
1622	1654	1655	1703	1702	1	140.00	0.37	69565.22	69565.22	0.02000
1623	1655	1656	1704	1703	1	140.00	0.37	69565.22	69565.22	0.02000
1624	1656	1657	1705	1704	1	140.00	0.37	69565.22	69565.22	0.02000
1625	1657	1658	1706	1705	1	140.00	0.37	69565.22	69565.22	0.02000
1626	1658	1659	1707	1706	1	140.00	0.37	69565.22	69565.22	0.02000
1627	1659	1660	1708	1707	1	140.00	0.37	69565.22	69565.22	0.02000
1628	1660	1661	1709	1708	1	140.00	0.37	69565.22	69565.22	0.02000
1629	1661	1662	1710	1709	1	140.00	0.37	69565.22	69565.22	0.02000
1630	1662	1663	1711	1710	1	140.00	0.37	69565.22	69565.22	0.02000
1631	1663	1664	1712	1711	1	140.00	0.37	69565.22	69565.22	0.02000
1632	1664	1665	1713	1712	1	140.00	0.37	69565.22	69565.22	0.02000
1633	1665	1666	1714	1713	1	140.00	0.37	69565.22	69565.22	0.02000
1634	1666	1667	1715	1714	1	140.00	0.37	69565.22	69565.22	0.02000
1635	1667	1668	1716	1715	1	140.00	0.37	69565.22	69565.22	0.02000
1636	1668	1669	1717	1716	1	140.00	0.37	69565.22	69565.22	0.02000
1637	1669	1670	1718	1717	2	145.00	0.35	103751.55	103751.55	0.02000
1638	1670	1671	1719	1718	2	145.00	0.35	103751.55	103751.55	0.02000
1639	1671	1672	1720	1719	2	145.00	0.35	103751.55	103751.55	0.02000
1640	1672	1673	1721	1720	2	145.00	0.35	103751.55	103751.55	0.02000
1641	1673	1674	1722	1721	2	145.00	0.35	103751.55	103751.55	0.02000
1642	1674	1675	1723	1722	2	145.00	0.35	103751.55	103751.55	0.02000
1643	1675	1676	1724	1723	2	145.00	0.35	103751.55	103751.55	0.02000
1644	1676	1677	1725	1724	2	145.00	0.35	103751.55	103751.55	0.02000
1645	1677	1678	1726	1725	2	145.00	0.35	103751.55	103751.55	0.02000
1646	1678	1679	1727	1726	2	145.00	0.35	103751.55	103751.55	0.02000
1647	1679	1680	1728	1727	3	150.00	0.35	162150.30	162150.30	0.02000
1648	1680	1681	1729	1728	3	150.00	0.35	162150.30	162150.30	0.02000
1649	1681	1682	1730	1729	3	150.00	0.35	162150.30	162150.30	0.02000
1650	1682	1683	1731	1730	3	150.00	0.35	162150.30	162150.30	0.02000
1651	1683	1684	1732	1731	3	150.00	0.35	162150.30	162150.30	0.02000
1652	1684	1685	1733	1732	3	150.00	0.35	162150.30	162150.30	0.02000
1653	1685	1686	1734	1733	3	150.00	0.35	162150.30	162150.30	0.02000
1654	1686	1687	1735	1734	3	150.00	0.35	162150.30	162150.30	0.02000
1655	1687	1688	1736	1735	3	150.00	0.35	162150.30	162150.30	0.02000
1656	1688	1689	1737	1736	3	150.00	0.35	162150.30	162150.30	0.02000
1657	1689	1690	1738	1737	3	150.00	0.35	162150.30	162150.30	0.02000
1658	1690	1691	1739	1738	3	150.00	0.35	162150.30	162150.30	0.02000
1659	1691	1692	1740	1739	3	150.00	0.35	162150.30	162150.30	0.02000
1660	1692	1693	1741	1740	3	150.00	0.35	162150.30	162150.30	0.02000
1661	1693	1694	1742	1741	3	150.00	0.35	162150.30	162150.30	0.02000
1662	1744	1743	1695	1695	1	140.00	0.37	69565.22	69565.22	0.02000
1663	1695	1696	1745	1744	1	140.00	0.37	69565.22	69565.22	0.02000
1664	1696	1697	1746	1745	1	140.00	0.37	69565.22	69565.22	0.02000
1665	1697	1698	1747	1746	1	140.00	0.37	69565.22	69565.22	0.02000
1666	1698	1699	1748	1747	1	140.00	0.37	69565.22	69565.22	0.02000
1667	1699	1700	1749	1748	1	140.00	0.37	69565.22	69565.22	0.02000
1668	1700	1701	1750	1749	1	140.00	0.37	69565.22	69565.22	0.02000
1669	1701	1702	1751	1750	1	140.00	0.37	69565.22	69565.22	0.02000
1670	1702	1703	1752	1751	1	140.00	0.37	69565.22	69565.22	0.02000
1671	1703	1704	1753	1752	1	140.00	0.37	69565.22	69565.22	0.02000
1672	1704	1705	1754	1753	1	140.00	0.37	69565.22	69565.22	0.02000
1673	1705	1706	1755	1754	1	140.00	0.37	69565.22	69565.22	0.02000
1674	1706	1707	1756	1755	1	140.00	0.37	69565.22	69565.22	0.02000
1675	1707	1708	1757	1756	1	140.00	0.37	69565.22	69565.22	0.02000
1676	1708	1709	1758	1757	1	140.00	0.37	69565.22	69565.22	0.02000
1677	1709	1710	1759	1758	1	140.00	0.37	69565.22	69565.22	0.02000
1678	1710	1711	1760	1759	1	140.00	0.37	69565.22	69565.22	0.02000
1679	1711	1712	1761	1760	1	140.00	0.37	69565.22	69565.22	0.02000
1680	1712	1713	1762	1761	1	140.00	0.37	69565.22	69565.22	0.02000
1681	1713	1714	1763	1762	1	140.00	0.37	69565.22	69565.22	0.02000
1682	1714	1715	1764	1763	1	140.00	0.37	69565.22	69565.22	0.02000
1683	1715	1716	1765	1764	1	140.00	0.37	69565.22	69565.22	0.02000
1684	1716	1717	1766	1765	2	145.00	0.35	103751.55	103751.55	0.02000
1685	1717	1718	1767	1766	2	145.00	0.35	103751.55	103751.55	0.02000
1686	1718	1719	1768	1767	2	145.00	0.35	103751.55	103751.55	0.02000
1687	1719	1720	1769	1768	2	145.00	0.35	103751.55	103751.55	0.02000
1688	1720	1721	1770	1769	2	145.00	0.35	103751.55	103751.55	0.02000
1689	1721	1722	1771	1770	2	145.00	0.35	103751.55	103751.55	0.02000
1690	1722	1723	1772	1771	2	145.00	0.35	103751.55	103751.55	0.02000
1691	1723	1724	1773	1772	2	145.00	0.35	103751.55	103751.55	0.02000
1692	1724	1725	1774	1773	2	145.00	0.35	103751.55	103751.55	0.02000
1693	1725	1726	1775	1774	2	145.00	0.35	103751.55	103751.55	0.02000
1694	1726	1727	1776	1775	3	150.00	0.35	162150.30	162150.30	0.02000
1695	1727	1728	1777	1776	3	150.00	0.35	162150.30	162150.30	0.02000
1696	1728	1729	1778	1777	3	150.00	0.35	162150.30	162150.30	0.02000
1697	1729	1730	1779	1778	3	150.00	0.35	162150.30	162150.30	0.02000
1698	1730	1731	1780	1779	3	150.00	0.35	162150.30	162150.30	0.02000
1699	1731	1732	1781	1780	3	150.00	0.35	162150.30	162150.30	0.02000
1700	1732	1733	1782	1781	3	150.00	0.35	162150.30	162150.30	0.02000
1701	1733	1734	1783	1782	3	150.00	0.35	162150.30	162150.30	0.02000
1702	1734	1735	1784	1783	3	150.00	0.35	162150.30	162150.30	0.02000
1703	1735	1736	1785	1784	3	150.00	0.35	162150.30	162150.30	0.02000
1704	1736	1737	1786	1785	3	150.00	0.35	162150.30	162150.30	0.02000
1705	1737	1738	1787	1786	3	150.00	0.35	162150.30	162150.30	0.02000
1706	1738	1739	1788	1787	3	150.00	0.35	162150.30	162150.30	0.02000
1707	1739	1740	1789	1788	3	150.00	0.35	162150.30	162150.30	0.02000
1708	1740	1741	1790	1789	3	150.00	0.35	162150.30	162150.30	0.02000
1709	1741	1742	1791	1790	3	150.00	0.35	162150.30	162150.30	0.02000
1710	1793	1792	1743	1743	1	140.00	0.37	69565.22	69565.22	0.02000
1711	1743	1744	1794	1793	1	140.00	0.37	69565.22	69565.22	0.02000
1712	1744	1745	1795	1794	1	140.00	0.37	69565.22	69565.22	0.02000
1713	1745	1746	1796	1795	1	140.00	0.37	69565.22	69565.22	0.02000
1714	1746	1747	1797	1796	1	140.00	0.37	69565.22	69565.22	0.02000
1715	1747	1748	1798	1797	1	140.00	0.37	69565.22	69565.22	0.02000
1716	1748	1749	1799	1798	1	140.00	0.37	69565.22	69565.22	0.02000
1717	1749	1750	1800	1799	1	140.00	0.37	69565.22	69565.22	0.02000
1718	1750	1751	1801	1800	1	140.00	0.37	69565.22	69565.22	0.02000
1719	1751	1752	1802	1801	1	140.00	0.37	69565.22	69565.22	0.02000
1720	1752	1753	1803	1802	1	140.00	0.37	69565.22	69565.22	0.02000
1721	1753	1754	1804	1803	1	140.00	0.37	69565.22	69565.22	0.02000
1722	1754	1755	1805	1804	1	140.00	0.37	69565.22	69565.22	0.02000
1723	1755	1756	1806	1805	1	140.00	0.37	69565.22	69565.22	0.02000
1724	1756	1757	1807	1806	1	140.00	0.37	69565.22	69565.22	0.02000
1725	1757	1758	1808	1807	1	140.00	0.37	69565.22	69565.22	0.02000
1726	1758	1759	1809	1808	1	140.00	0.37	69565.22	69565.22	0.02000
1727	1759	1760	1810	1809	1	140.00	0.37	69565.22	69565.22	0.02000
1728	1760	1761	1811	1810	1	140.00	0.37	69565.22	69565.22	0.02000
1729	1761	1762	1812	1811	1	140.00	0.37	69565.22	69565.22	0.02000
1730	1762	1763	1813	1812	1	140.00	0.37	69565.22	69565.22	0.02000
1731	1763	1764	1814	1813	1	140.00	0.37	69565.22	69565.22	0.02000
1732	1764	1765	1815	1814	2	145.00	0.35	103751.55	103751.55	0.02000
1733	1765	1766	1816	1815	2	145.00	0.35	103751.55	103751.55	0.02000
1734	1766	1767	1817	1816	2	145.00	0.35	103751.55	103751.55	0.02000
1735	1767	1768	1818	1817	2	145.00	0.35	103751.55	103751.55	0.02000
1736	1768	1769	1819	1818	2	145.00	0.35	103751.55	103751.55	0.02000
1737	1769	1770	1820	1819	2	145.00	0.35	103751.55	103751.55	0.02000
1738	1770	1771	1821	1820	2	145.00	0.35	103751.55	103751.55	0.02000
1739	1771	1772	1822	1821	2	145.00	0.35	103751.55	103751.55	0.02000
1740	1772	1773	1823	1822	2	145.00	0.35	103751.55	103751.55	0.02000

1741	1773	1774	1824	1823	2	145.00	0.35	103751.55	103751.55	0.02000
1742	1774	1775	1825	1824	3	150.00	0.35	162150.30	162150.30	0.02000
1743	1775	1776	1826	1825	3	150.00	0.35	162150.30	162150.30	0.02000
1744	1776	1777	1827	1826	3	150.00	0.35	162150.30	162150.30	0.02000
1745	1777	1778	1828	1827	3	150.00	0.35	162150.30	162150.30	0.02000
1746	1778	1779	1829	1828	3	150.00	0.35	162150.30	162150.30	0.02000
1747	1779	1780	1830	1829	3	150.00	0.35	162150.30	162150.30	0.02000
1748	1780	1781	1831	1830	3	150.00	0.35	162150.30	162150.30	0.02000
1749	1781	1782	1832	1831	3	150.00	0.35	162150.30	162150.30	0.02000
1750	1782	1783	1833	1832	3	150.00	0.35	162150.30	162150.30	0.02000
1751	1783	1784	1834	1833	3	150.00	0.35	162150.30	162150.30	0.02000
1752	1784	1785	1835	1834	3	150.00	0.35	162150.30	162150.30	0.02000
1753	1785	1786	1836	1835	3	150.00	0.35	162150.30	162150.30	0.02000
1754	1786	1787	1837	1836	3	150.00	0.35	162150.30	162150.30	0.02000
1755	1787	1788	1838	1837	3	150.00	0.35	162150.30	162150.30	0.02000
1756	1788	1789	1839	1838	3	150.00	0.35	162150.30	162150.30	0.02000
1757	1789	1790	1840	1839	3	150.00	0.35	162150.30	162150.30	0.02000
1758	1790	1791	1841	1840	3	150.00	0.35	162150.30	162150.30	0.02000
1759	1843	1842	1792	1792	1	140.00	0.37	69565.22	69565.22	0.02000
1760	1792	1793	1844	1843	1	140.00	0.37	69565.22	69565.22	0.02000
1761	1793	1794	1845	1844	1	140.00	0.37	69565.22	69565.22	0.02000
1762	1794	1795	1846	1845	1	140.00	0.37	69565.22	69565.22	0.02000
1763	1795	1796	1847	1846	1	140.00	0.37	69565.22	69565.22	0.02000
1764	1796	1797	1848	1847	1	140.00	0.37	69565.22	69565.22	0.02000
1765	1797	1798	1849	1848	1	140.00	0.37	69565.22	69565.22	0.02000
1766	1798	1799	1850	1849	1	140.00	0.37	69565.22	69565.22	0.02000
1767	1799	1800	1851	1850	1	140.00	0.37	69565.22	69565.22	0.02000
1768	1800	1801	1852	1851	1	140.00	0.37	69565.22	69565.22	0.02000
1769	1801	1802	1853	1852	1	140.00	0.37	69565.22	69565.22	0.02000
1770	1802	1803	1854	1853	1	140.00	0.37	69565.22	69565.22	0.02000
1771	1803	1804	1855	1854	1	140.00	0.37	69565.22	69565.22	0.02000
1772	1804	1805	1856	1855	1	140.00	0.37	69565.22	69565.22	0.02000
1773	1805	1806	1857	1856	1	140.00	0.37	69565.22	69565.22	0.02000
1774	1806	1807	1858	1857	1	140.00	0.37	69565.22	69565.22	0.02000
1775	1807	1808	1859	1858	1	140.00	0.37	69565.22	69565.22	0.02000
1776	1808	1809	1860	1859	1	140.00	0.37	69565.22	69565.22	0.02000
1777	1809	1810	1861	1860	1	140.00	0.37	69565.22	69565.22	0.02000
1778	1810	1811	1862	1861	1	140.00	0.37	69565.22	69565.22	0.02000
1779	1811	1812	1863	1862	1	140.00	0.37	69565.22	69565.22	0.02000
1780	1812	1813	1864	1863	1	140.00	0.37	69565.22	69565.22	0.02000
1781	1813	1814	1865	1864	2	145.00	0.35	103751.55	103751.55	0.02000
1782	1814	1815	1866	1865	2	145.00	0.35	103751.55	103751.55	0.02000
1783	1815	1816	1867	1866	2	145.00	0.35	103751.55	103751.55	0.02000
1784	1816	1817	1868	1867	2	145.00	0.35	103751.55	103751.55	0.02000
1785	1817	1818	1869	1868	2	145.00	0.35	103751.55	103751.55	0.02000
1786	1818	1819	1870	1869	2	145.00	0.35	103751.55	103751.55	0.02000
1787	1819	1820	1871	1870	2	145.00	0.35	103751.55	103751.55	0.02000
1788	1820	1821	1872	1871	2	145.00	0.35	103751.55	103751.55	0.02000
1789	1821	1822	1873	1872	2	145.00	0.35	103751.55	103751.55	0.02000
1790	1822	1823	1874	1873	2	145.00	0.35	103751.55	103751.55	0.02000
1791	1823	1824	1875	1874	2	145.00	0.35	103751.55	103751.55	0.02000
1792	1824	1825	1876	1875	3	150.00	0.35	162150.30	162150.30	0.02000
1793	1825	1826	1877	1876	3	150.00	0.35	162150.30	162150.30	0.02000
1794	1826	1827	1878	1877	3	150.00	0.35	162150.30	162150.30	0.02000
1795	1827	1828	1879	1878	3	150.00	0.35	162150.30	162150.30	0.02000
1796	1828	1829	1880	1879	3	150.00	0.35	162150.30	162150.30	0.02000
1797	1829	1830	1881	1880	3	150.00	0.35	162150.30	162150.30	0.02000
1798	1830	1831	1882	1881	3	150.00	0.35	162150.30	162150.30	0.02000
1799	1831	1832	1883	1882	3	150.00	0.35	162150.30	162150.30	0.02000
1800	1832	1833	1884	1883	3	150.00	0.35	162150.30	162150.30	0.02000
1801	1833	1834	1885	1884	3	150.00	0.35	162150.30	162150.30	0.02000
1802	1834	1835	1886	1885	3	150.00	0.35	162150.30	162150.30	0.02000
1803	1835	1836	1887	1886	3	150.00	0.35	162150.30	162150.30	0.02000
1804	1836	1837	1888	1887	3	150.00	0.35	162150.30	162150.30	0.02000
1805	1837	1838	1889	1888	3	150.00	0.35	162150.30	162150.30	0.02000
1806	1838	1839	1890	1889	3	150.00	0.35	162150.30	162150.30	0.02000
1807	1839	1840	1891	1890	3	150.00	0.35	162150.30	162150.30	0.02000
1808	1840	1841	1892	1891	3	150.00	0.35	162150.30	162150.30	0.02000
1809	1894	1893	1842	1842	1	140.00	0.37	69565.22	69565.22	0.02000
1810	1842	1843	1895	1894	1	140.00	0.37	69565.22	69565.22	0.02000
1811	1843	1844	1896	1895	1	140.00	0.37	69565.22	69565.22	0.02000
1812	1844	1845	1897	1896	1	140.00	0.37	69565.22	69565.22	0.02000
1813	1845	1846	1898	1897	1	140.00	0.37	69565.22	69565.22	0.02000
1814	1846	1847	1899	1898	1	140.00	0.37	69565.22	69565.22	0.02000
1815	1847	1848	1900	1899	1	140.00	0.37	69565.22	69565.22	0.02000
1816	1848	1849	1901	1900	1	140.00	0.37	69565.22	69565.22	0.02000
1817	1849	1850	1902	1901	1	140.00	0.37	69565.22	69565.22	0.02000
1818	1850	1851	1903	1902	1	140.00	0.37	69565.22	69565.22	0.02000
1819	1851	1852	1904	1903	1	140.00	0.37	69565.22	69565.22	0.02000
1820	1852	1853	1905	1904	1	140.00	0.37	69565.22	69565.22	0.02000
1821	1853	1854	1906	1905	1	140.00	0.37	69565.22	69565.22	0.02000
1822	1854	1855	1907	1906	1	140.00	0.37	69565.22	69565.22	0.02000
1823	1855	1856	1908	1907	1	140.00	0.37	69565.22	69565.22	0.02000
1824	1856	1857	1909	1908	1	140.00	0.37	69565.22	69565.22	0.02000
1825	1857	1858	1910	1909	1	140.00	0.37	69565.22	69565.22	0.02000
1826	1858	1859	1911	1910	1	140.00	0.37	69565.22	69565.22	0.02000
1827	1859	1860	1912	1911	1	140.00	0.37	69565.22	69565.22	0.02000
1828	1860	1861	1913	1912	1	140.00	0.37	69565.22	69565.22	0.02000
1829	1861	1862	1914	1913	1	140.00	0.37	69565.22	69565.22	0.02000
1830	1862	1863	1915	1914	1	140.00	0.37	69565.22	69565.22	0.02000
1831	1863	1864	1916	1915	1	140.00	0.37	69565.22	69565.22	0.02000
1832	1864	1865	1917	1916	2	145.00	0.35	103751.55	103751.55	0.02000
1833	1865	1866	1918	1917	2	145.00	0.35	103751.55	103751.55	0.02000
1834	1866	1867	1919	1918	2	145.00	0.35	103751.55	103751.55	0.02000
1835	1867	1868	1920	1919	2	145.00	0.35	103751.55	103751.55	0.02000
1836	1868	1869	1921	1920	2	145.00	0.35	103751.55	103751.55	0.02000
1837	1869	1870	1922	1921	2	145.00	0.35	103751.55	103751.55	0.02000
1838	1870	1871	1923	1922	2	145.00	0.35	103751.55	103751.55	0.02000
1839	1871	1872	1924	1923	2	145.00	0.35	103751.55	103751.55	0.02000
1840	1872	1873	1925	1924	2	145.00	0.35	103751.55	103751.55	0.02000
1841	1873	1874	1926	1925	2	145.00	0.35	103751.55	103751.55	0.02000
1842	1874	1875	1927	1926	3	150.00	0.35	162150.30	162150.30	0.02000
1843	1875	1876	1928	1927	3	150.00	0.35	162150.30	162150.30	0.02000
1844	1876	1877	1929	1928	3	150.00	0.35	162150.30	162150.30	0.02000
1845	1877	1878	1930	1929	3	150.00	0.35	162150.30	162150.30	0.02000
1846	1878	1879	1931	1930	3	150.00	0.35	162150.30	162150.30	0.02000
1847	1879	1880	1932	1931	3	150.00	0.35	162150.30	162150.30	0.02000
1848	1880	1881	1933	1932	3	150.00	0.35	162150.30	162150.30	0.02000
1849	1881	1882	1934	1933	3	150.00	0.35	162150.30	162150.30	0.02000
1850	1882	1883	1935	1934	3	150.00	0.35	162150.30	162150.30	0.02000
1851	1883	1884	1936	1935	3	150.00	0.35	162150.30	162150.30	0.02000
1852	1884	1885	1937	1936	3	150.00	0.35	162150.30	162150.30	0.02000
1853	1885	1886	1938	1937	3	150.00	0.35	162150.30	162150.30	0.02000
1854	1886	1887	1939	1938	3	150.00	0.35	162150.30	162150.30	0.02000
1855	1887	1888	1940	1939	3	150.00	0.35	162150.30	162150.30	0.02000
1856	1888	1889	1941	1940	3	150.00	0.35	162150.30	162150.30	0.02000
1857	1889	1890	1942	1941	3	150.00	0.35	162150.30	162150.30	0.02000
1858	1890	1891	1943	1942	3	150.00	0.35	162150.30	162150.30	0.02000
1859	1891	1892	1944	1943	3	150.00	0.35	162150.30	162150.30	0.02000
1860	1946	1945	1893	1893	1	140.00	0.37	69565.22	69565.22	0.02000
1861	1893	1894	1947	1946	1	140.00	0.37	69565.22	69565.22	0.02000
1862	1894	1895	1948	1947	1	140.00	0.37	69565.22	69565.22	0.02000
1863	1895	1896	1949	1948	1	140.00	0.37	69565.22	69565.22	0.02000
1864	1896	1897	1950	1949	1	140.00	0.37	69565.22	69565.22	0.02000
1865	1897	1898	1951	1950	1	140.00	0.37	69565.22	69565.22	0.02000
1866	1898	1899	1952	1951	1	140.00	0.37	69565.22	69565.22	0.02000
1867	1899	1900	1953	1952	1	140.00	0.37	69565.22	69565.22	0.02000
1868	1900	1901	1954	1953	1	140.00	0.37	69565.22	69565.22	0.02000
1869	1901	1902	1955	1954	1	140.00	0.37	69565.22	69565.22	0.02000
1870	1902	1903	1956	1955	1	140.00	0.37	69565.22	69565.22	0.02000
1871	1903	1904	1957	1956	1	140.00	0.37	69565.22	69565.22	0.02000
1872	1904	1905	1958	1957	1	140.00	0.37	69565.22	69565.22	0.02000
1873	1905	1906	1959	1958	1	140.00	0.37	69565.22	69565.22	0.02000
1874	1906	1907	1960	1959	1	140.00	0.37	69565.22	69565.22	0.02000
1875	1907	1908	1961	1960	1	140.00	0.37	69565.22	69565.22	0.02000
1876	1908	1909	1962	1961	1	140.00	0.37	69565.22	69565.22	0.02000
1877	1909	1910	1963	1962	1	140.00	0.37	69565.22	69565.22	0.02000
1878	1910	1911	1964	1963	1	140.00	0.37	69565.22	69565.22	0.02000
1879	1911	1912	1965	1964	1	140.00	0.37	69565.22	69565.22	0.02000
1880	1912	1913	1966	1965	1	140.00	0.37	69565.22	69565.22	0.02000
1881	1913	1914	1967	1966	1	140.00	0.37	69565.22	69565.22	0.02000
1882	1914	1915	1968	1967	1	140.00	0.37	69565.22	69565.22	0.02000
1883	1915	1916	1969	1968	2	145.00	0.35	103751.55	103751.55	0.02000
1884	1916	1917	1970	1969	2	145.00	0.35	103751.55	103751.55	0.02000
1885	1917	1918	1971	1970	2	145.00	0.35	103751.55	103751.55	0.02000
1886	1918	1919	1972	1971	2	145.00	0.35	103751.55	103751.55	0.02000
1887	1919	1920	1973	1972	2	145.00	0.35	103751.55	103751.55	0.02000
1888	1920	1921	1974	1973	2	145.00	0.35	103751.55	103751.55	0.02000
1889	1921	1922	1975	1974	2	145.00	0.35	103751.55	103751.55	0.02000
1890	1922	1923	1976	1975	2	145.00	0.35	103751.55	103751.55	0.02000
1891	1923	1924	1977	1976	2	145.00	0.35	103751.55	103751.55	0.02000
1892	1924	1925	1978	1977	2	145.00	0.35	103751.55	103751.55	0.02000
1893	1925	1926	1979	1978	3	150.00	0.35	162150.30	162150.30	0.02000
1894	1926	1927	1980	1979	3	150.00	0.35	162150.30	162150.30	0.02000
1895	1927	1928	1981	1980	3	150.00	0.35	162150.30	162150.30	0.02000
1896	1928	1929	1982	1981	3	150.00	0.35	162150.30	162150.30	0.02000
1897	1929	1930	1983	1982	3	150.00	0.35	162150.30	162150.30	0.02000
1898	1930	1931	1984	1983	3	150.00	0.35	162150.30	162150.30	0.02000
1899	1931	1932	1985	1984	3	150.00	0.35	162150.30	162150.30	0.02000
1900	1932	1933	1986	1985	3	150.00	0.35	162150.30	162150.30	0.02000
1901	1933	1934	1987	1986	3	150.00	0.35	162150.30	162150.30	0.02000
1902	1934	1935	1988	1987	3	150.00	0.35	162150.30	162150.30	0.02000
1903	1935	1936	1989	1988	3	150.00	0.35	162150.30	162150.30	0.02000
1904	1936	1937	1990	1989	3	150.00	0.35	162150.30	162150.30	0.02000
1905	1937	1938	1991	1990	3	150.00	0.35	162150.30	162150.30	0.02000
1906	1938	1939	1992	1991	3	150.00	0.35	162150.30	162150.30	0.02000
1907	1939	1940	1993	1992	3	150.00	0.35	162150.30	162150.30	0.02000
1908	1940	1941	1994	1993	3	150.00	0.35	162150.30	162150.30	0.02000
1909	1941	1942	1995	1994	3	150.00	0.35	162150.30	162150.30	0.02000
1910	1942	1943	1996	1995	3	150.00	0.35	162150.30	162150.30	0.02000
1911	1943	1944	1997	1996	3	150.00	0.35	162150.30	162150.30	0.02000
1912	1999	1998	1945	1945	1	140.00	0.37	69565.22	69565.22	0.02000
1913	1945	1946	2000	1999	1	140.00	0.37	69565.22	69565.22	0.02000
1914	1946	1947	2001	2000	1	140.00	0.37	69565.22	69565.22	0.02000
1915	1947	1948	2002	2001	1	140.00	0.37	69565.22	69565.22	0.02000
1916	1948	1949	2003	2002	1	140.00	0.37	69565.22	69565.22	0.02000
1917	1949	1950	2004	2003	1	140.00	0.37	69565.22	69565.22	0.02000
1918	1950	1951	2005	2004	1	140.00	0.37	69565.22	69565.22	0.02000
1919	1951	1952	2006	2005	1	140.00	0.37	69565.22	69565.22	0.02000
1920	1952	1953	2007	2006	1	140.00	0.37	69565.22	69565.22	0.02000
1921	1953	1954	2008	2007	1	140.00	0.37	69565.22	69565.22	0.02000
1922	1954	1955	2009	2008	1	140.00	0.37	69565.22	69565.22	0.02000
1923	1955	1956	2010	2009	1	140.00	0.37	69565.22	69565.22	0.02000
1924	1956	1957	2011	2010	1	140.00	0.37	69565.22	69565.22	0.02000
1925	1957	1958	2012	2011	1	140.00	0.37	69565.22	69565.22	0.02000
1926	1958	1959	2013	2012	1	140.00	0.37	69565.22	69565.22	0.02000
1927	1959	1960	2014	2013	1	140.00	0.37	69565.22	69565.22	0.02000
1928	1960	1961	2015	2014	1	140.00	0.37	69565.22	69565.22	0.02000
1929	1961	1962	2016	2015	1	140.00	0.37	69565.22	69565.22	0.02000
1930	1962	1963	2017	2016	1	140.00	0.37	69565.22	69565.22	0.02000
1931	1963	1964	2018	2017	1	140.00	0.37	69565.22	69565.22	0.02000
1932	1964	1965	2019	2018	1	140.00	0.37	69565.22	69565.22	0.02000
1933	1965	1966	2020	2019	1	140.00	0.37	69565.22	69565.22	0.02000
1934	1966	1967	2021	2020	1	140.00	0.37	69565.22	69565.22	0.02000
1935	1967	1968	2022	2021	2	145.00	0.35	103751.55	103751.55	0.02000
1936	1968	1969	2023	2022	2	145.00	0.35	103751.55	103751.55	0.02000
1937	1969	1970	2024	2023	2	145.00	0.35	103751.55	103751.55	0.02000
1938	1970	1971	2025	2024	2	145.00	0.35	103751.55	103751.55	0.02000
1939	1971	1972	2026	2025	2	145.00	0.35	103751.55	103751.55	0.02000
1940	1972	1973	2027	2026	2	145.00	0.35	103751.55	103751.55	0.02000
1941	1973	1974	2028	2027	2	145.00	0.35	103751.55	103751.55	0.02000
1942	1974	1975	2029	2028	2	145.00	0.35	103751.55	103751.55	0.02000
1943	1975	1976	2030	2029	2	145.00	0.35	103751.55	103751.55	0.02000
1944	1976	1977	2031	2030	2	145.00	0.35	103751.55	103751.55	0.02000
1945	1977	1978	2032	2031	3	150.00	0.35	162150.30	162150.30	0.02000
1946	1978	1979	2033	2032	3	150.00	0.35	162150.30	162150.30	0.02000
1947	1979	1980	2034	2033	3	150.00	0.35	162150.30	162150.30	0.02000
1948	1980	1981	2035	2034	3	150.00	0.35	162150.30	162150.30	0.02000
1949	1981	1982	2036	2035	3	150.00	0.35	162150.30	162150.30	0.02000
1950	1982	1983	2037	2036	3	150.00	0.35	162150.30	162150.30	0.02000
1951	1983	1984	2038	2037	3	150.00	0.35	162150.30	162150.30	0.02000
1952	1984	1985	2039	2038	3	150.00	0.35	162150.30	162150.30	0.02000
1953	1985	1986	2040	2039	3	150.00	0.35	162150.30	162150.30	0.02000
1954	1986	1987	2041	2040	3	150.00	0.35	162150.30	162150.30	0.02000
1955	1987	1988	2042	2041	3	150.00	0.35	162150.30	162150.30	0.02000
1956	1988	1989	2043	2042	3	150.00	0.35	162150.30	162150.30	0.02000
1957	1989	1990	2044	2043	3	150.00	0.35	162150.30	162150.30	0.02000
1958	1990	1991	2045	2044	3	150.00	0.35	162150.30	162150.30	0.02000
1959	1991	1992	2046	2045	3	150.00	0.35	162150.30	162150.30	0.02000
1960	1992	1993	2047	2046	3	150.00	0.35	162150.30	162150.30	0.02000
1961	1993	1994	2048	2047	3	150.00	0.35	162150.30	162150.30	0.02000
1962	1994	1995	2049	2048	3	150.00	0.35	162150.30	162150.30	0.02000
1963	1995	1996	2050	2049	3	150.00	0.35	162150.30	162150.30	0.02000
1964	1996	1997	2051	2050	3	150.00	0.35	162150.30	162150.30	0.02000
1965	2053	2052	1998	1998	1	140.00	0.37	69565.22	69565.22	0.02000
1966	1998	1999	2054	2053	1	140.00	0.37	69565.22	69565.22	0.02000
1967	1999	2000	2055	2054	1	140.00	0.37	69565.22	69565.22	0.02000
1968	2000	2001	2056	2055	1	140.00	0.37	69565.22	69565.22	0.02000
1969	2001	2002	2057	2056	1	140.00	0.37	69565.22	69565.22	0.02000
1970	2002	2003	2058	2057	1	140.00	0.37	69565.22	69565.22	0.02000
1971	2003	2004	2059	2058	1	140.00	0.37	69565.22	69565.22	0.02000
1972	2004	2005	2060	2059	1	140.00	0.37	69565.22	69565.22	0.02000
1973	2005	2006	2061	2060	1	140.00	0.37	69565.22	69565.22	0.02000
1974	2006	2007	2062	2061	1	140.00	0.37	69565.22	69565.22	0.02000
1975	2007	2008	2063	2062	1	140.00	0.37	69565.22	69565.22	0.02000
1976	2008	2009	2064	2063	1	140.00	0.37	69565.22	69565.22	0.02000
1977	2009	2010	2065	2064	1	140.00	0.37	69565.22	69565.22	0.02000
1978	2010	2011	2066	2065	1	140.00	0.37	69565.22	69565.22	0.02000
1979	2011	2012	2067	2066	1	140.00	0.37	69565.22	69565.22	0.02000
1980	2012	2013	2068	2067	1	140.00	0.37	69565.22	69565.22	0.02000
1981	2013	2014	2069	2068	1	140.00	0.37	69565.22	69565.22	0.02000
1982	2014	2015	2070	2069	1	140.00	0.37	69565.22	69565.22	0.02000
1983	2015	2016	2071	2070	1	140.00	0.37	69565.22	69565.22	0.02000
1984	2016	2017	2072	2071	1	140.00	0.37	69565.22	69565.22	0.02000
1985	2017	2018	2073	2072	1	140.00	0.37	69565.22	69565.22	0.02000
1986	2018	2019	2074	2073	1	140.00	0.37	69565.22	69565.22	0.02000
1987	2019	2020	2075	2074	1	140.00	0.37	69565.22	69565.22	0.02000
1988	2020	2021	2076	2075	2	145.00	0.35	103751.55	103751.55	0.02000
1989	2021	2022	2077	2076	2	145.00	0.35	103751.55	103751.55	0.02000
1990	2022	2023	2078	2077	2	145.00	0.35	103751.55	103751.55	0.02000
1991	2023	2024	2079	2078	2	145.00	0.35	103751.55	103751.55	0.02000
1992	2024	2025	2080	2079	2	145.00	0.35	103751.55	103751.55	0.02000
1993	2025	2026	2081	2080	2	145.00	0.35	103751.55	103751.55	0.02000
1994	2026	2027	2082	2081	2	145.00	0.35	103751.55	103751.55	0.02000

1995	2027	2028	2083	2082	2	145.00	0.35	103751.55	103751.55	0.02000
1996	2028	2029	2084	2083	2	145.00	0.35	103751.55	103751.55	0.02000
1997	2029	2030	2085	2084	2	145.00	0.35	103751.55	103751.55	0.02000
1998	2030	2031	2086	2085	2	145.00	0.35	103751.55	103751.55	0.02000
1999	2031	2032	2087	2086	3	150.00	0.35	162150.30	162150.30	0.02000
2000	2032	2033	2088	2087	3	150.00	0.35	162150.30	162150.30	0.02000
2001	2033	2034	2089	2088	3	150.00	0.35	162150.30	162150.30	0.02000
2002	2034	2035	2090	2089	3	150.00	0.35	162150.30	162150.30	0.02000
2003	2035	2036	2091	2090	3	150.00	0.35	162150.30	162150.30	0.02000
2004	2036	2037	2092	2091	3	150.00	0.35	162150.30	162150.30	0.02000
2005	2037	2038	2093	2092	3	150.00	0.35	162150.30	162150.30	0.02000
2006	2038	2039	2094	2093	3	150.00	0.35	162150.30	162150.30	0.02000
2007	2039	2040	2095	2094	3	150.00	0.35	162150.30	162150.30	0.02000
2008	2040	2041	2096	2095	3	150.00	0.35	162150.30	162150.30	0.02000
2009	2041	2042	2097	2096	3	150.00	0.35	162150.30	162150.30	0.02000
2010	2042	2043	2098	2097	3	150.00	0.35	162150.30	162150.30	0.02000
2011	2043	2044	2099	2098	3	150.00	0.35	162150.30	162150.30	0.02000
2012	2044	2045	2100	2099	3	150.00	0.35	162150.30	162150.30	0.02000
2013	2045	2046	2101	2100	3	150.00	0.35	162150.30	162150.30	0.02000
2014	2046	2047	2102	2101	3	150.00	0.35	162150.30	162150.30	0.02000
2015	2047	2048	2103	2102	3	150.00	0.35	162150.30	162150.30	0.02000
2016	2048	2049	2104	2103	3	150.00	0.35	162150.30	162150.30	0.02000
2017	2049	2050	2105	2104	3	150.00	0.35	162150.30	162150.30	0.02000
2018	2050	2051	2106	2105	3	150.00	0.35	162150.30	162150.30	0.02000
2019	2108	2107	2052	2052	1	140.00	0.37	69565.22	69565.22	0.02000
2020	2052	2053	2109	2108	1	140.00	0.37	69565.22	69565.22	0.02000
2021	2053	2054	2110	2109	1	140.00	0.37	69565.22	69565.22	0.02000
2022	2054	2055	2111	2110	1	140.00	0.37	69565.22	69565.22	0.02000
2023	2055	2056	2112	2111	1	140.00	0.37	69565.22	69565.22	0.02000
2024	2056	2057	2113	2112	1	140.00	0.37	69565.22	69565.22	0.02000
2025	2057	2058	2114	2113	1	140.00	0.37	69565.22	69565.22	0.02000
2026	2058	2059	2115	2114	1	140.00	0.37	69565.22	69565.22	0.02000
2027	2059	2060	2116	2115	1	140.00	0.37	69565.22	69565.22	0.02000
2028	2060	2061	2117	2116	1	140.00	0.37	69565.22	69565.22	0.02000
2029	2061	2062	2118	2117	1	140.00	0.37	69565.22	69565.22	0.02000
2030	2062	2063	2119	2118	1	140.00	0.37	69565.22	69565.22	0.02000
2031	2063	2064	2120	2119	1	140.00	0.37	69565.22	69565.22	0.02000
2032	2064	2065	2121	2120	1	140.00	0.37	69565.22	69565.22	0.02000
2033	2065	2066	2122	2121	1	140.00	0.37	69565.22	69565.22	0.02000
2034	2066	2067	2123	2122	1	140.00	0.37	69565.22	69565.22	0.02000
2035	2067	2068	2124	2123	1	140.00	0.37	69565.22	69565.22	0.02000
2036	2068	2069	2125	2124	1	140.00	0.37	69565.22	69565.22	0.02000
2037	2069	2070	2126	2125	1	140.00	0.37	69565.22	69565.22	0.02000
2038	2070	2071	2127	2126	1	140.00	0.37	69565.22	69565.22	0.02000
2039	2071	2072	2128	2127	1	140.00	0.37	69565.22	69565.22	0.02000
2040	2072	2073	2129	2128	1	140.00	0.37	69565.22	69565.22	0.02000
2041	2073	2074	2130	2129	1	140.00	0.37	69565.22	69565.22	0.02000
2042	2074	2075	2131	2130	2	145.00	0.35	103751.55	103751.55	0.02000
2043	2075	2076	2132	2131	2	145.00	0.35	103751.55	103751.55	0.02000
2044	2076	2077	2133	2132	2	145.00	0.35	103751.55	103751.55	0.02000
2045	2077	2078	2134	2133	2	145.00	0.35	103751.55	103751.55	0.02000
2046	2078	2079	2135	2134	2	145.00	0.35	103751.55	103751.55	0.02000
2047	2079	2080	2136	2135	2	145.00	0.35	103751.55	103751.55	0.02000
2048	2080	2081	2137	2136	2	145.00	0.35	103751.55	103751.55	0.02000
2049	2081	2082	2138	2137	2	145.00	0.35	103751.55	103751.55	0.02000
2050	2082	2083	2139	2138	2	145.00	0.35	103751.55	103751.55	0.02000
2051	2083	2084	2140	2139	2	145.00	0.35	103751.55	103751.55	0.02000
2052	2084	2085	2141	2140	2	145.00	0.35	103751.55	103751.55	0.02000
2053	2085	2086	2142	2141	3	150.00	0.35	162150.30	162150.30	0.02000
2054	2086	2087	2143	2142	3	150.00	0.35	162150.30	162150.30	0.02000
2055	2087	2088	2144	2143	3	150.00	0.35	162150.30	162150.30	0.02000
2056	2088	2089	2145	2144	3	150.00	0.35	162150.30	162150.30	0.02000
2057	2089	2090	2146	2145	3	150.00	0.35	162150.30	162150.30	0.02000
2058	2090	2091	2147	2146	3	150.00	0.35	162150.30	162150.30	0.02000
2059	2091	2092	2148	2147	3	150.00	0.35	162150.30	162150.30	0.02000
2060	2092	2093	2149	2148	3	150.00	0.35	162150.30	162150.30	0.02000
2061	2093	2094	2150	2149	3	150.00	0.35	162150.30	162150.30	0.02000
2062	2094	2095	2151	2150	3	150.00	0.35	162150.30	162150.30	0.02000
2063	2095	2096	2152	2151	3	150.00	0.35	162150.30	162150.30	0.02000
2064	2096	2097	2153	2152	3	150.00	0.35	162150.30	162150.30	0.02000
2065	2097	2098	2154	2153	3	150.00	0.35	162150.30	162150.30	0.02000
2066	2098	2099	2155	2154	3	150.00	0.35	162150.30	162150.30	0.02000
2067	2099	2100	2156	2155	3	150.00	0.35	162150.30	162150.30	0.02000
2068	2100	2101	2157	2156	3	150.00	0.35	162150.30	162150.30	0.02000
2069	2101	2102	2158	2157	3	150.00	0.35	162150.30	162150.30	0.02000
2070	2102	2103	2159	2158	3	150.00	0.35	162150.30	162150.30	0.02000
2071	2103	2104	2160	2159	3	150.00	0.35	162150.30	162150.30	0.02000
2072	2104	2105	2161	2160	3	150.00	0.35	162150.30	162150.30	0.02000
2073	2105	2106	2162	2161	3	150.00	0.35	162150.30	162150.30	0.02000
2074	2164	2163	2107	2107	1	140.00	0.37	69565.22	69565.22	0.02000
2075	2107	2108	2165	2164	1	140.00	0.37	69565.22	69565.22	0.02000
2076	2108	2109	2166	2165	1	140.00	0.37	69565.22	69565.22	0.02000
2077	2109	2110	2167	2166	1	140.00	0.37	69565.22	69565.22	0.02000
2078	2110	2111	2168	2167	1	140.00	0.37	69565.22	69565.22	0.02000
2079	2111	2112	2169	2168	1	140.00	0.37	69565.22	69565.22	0.02000
2080	2112	2113	2170	2169	1	140.00	0.37	69565.22	69565.22	0.02000
2081	2113	2114	2171	2170	1	140.00	0.37	69565.22	69565.22	0.02000
2082	2114	2115	2172	2171	1	140.00	0.37	69565.22	69565.22	0.02000
2083	2115	2116	2173	2172	1	140.00	0.37	69565.22	69565.22	0.02000
2084	2116	2117	2174	2173	1	140.00	0.37	69565.22	69565.22	0.02000
2085	2117	2118	2175	2174	1	140.00	0.37	69565.22	69565.22	0.02000
2086	2118	2119	2176	2175	1	140.00	0.37	69565.22	69565.22	0.02000
2087	2119	2120	2177	2176	1	140.00	0.37	69565.22	69565.22	0.02000
2088	2120	2121	2178	2177	1	140.00	0.37	69565.22	69565.22	0.02000
2089	2121	2122	2179	2178	1	140.00	0.37	69565.22	69565.22	0.02000
2090	2122	2123	2180	2179	1	140.00	0.37	69565.22	69565.22	0.02000
2091	2123	2124	2181	2180	1	140.00	0.37	69565.22	69565.22	0.02000
2092	2124	2125	2182	2181	1	140.00	0.37	69565.22	69565.22	0.02000
2093	2125	2126	2183	2182	1	140.00	0.37	69565.22	69565.22	0.02000
2094	2126	2127	2184	2183	1	140.00	0.37	69565.22	69565.22	0.02000
2095	2127	2128	2185	2184	1	140.00	0.37	69565.22	69565.22	0.02000
2096	2128	2129	2186	2185	1	140.00	0.37	69565.22	69565.22	0.02000
2097	2129	2130	2187	2186	2	145.00	0.35	103751.55	103751.55	0.02000
2098	2130	2131	2188	2187	2	145.00	0.35	103751.55	103751.55	0.02000
2099	2131	2132	2189	2188	2	145.00	0.35	103751.55	103751.55	0.02000
2100	2132	2133	2190	2189	2	145.00	0.35	103751.55	103751.55	0.02000
2101	2133	2134	2191	2190	2	145.00	0.35	103751.55	103751.55	0.02000
2102	2134	2135	2192	2191	2	145.00	0.35	103751.55	103751.55	0.02000
2103	2135	2136	2193	2192	2	145.00	0.35	103751.55	103751.55	0.02000
2104	2136	2137	2194	2193	2	145.00	0.35	103751.55	103751.55	0.02000
2105	2137	2138	2195	2194	2	145.00	0.35	103751.55	103751.55	0.02000
2106	2138	2139	2196	2195	2	145.00	0.35	103751.55	103751.55	0.02000
2107	2139	2140	2197	2196	2	145.00	0.35	103751.55	103751.55	0.02000
2108	2140	2141	2198	2197	3	150.00	0.35	162150.30	162150.30	0.02000
2109	2141	2142	2199	2198	3	150.00	0.35	162150.30	162150.30	0.02000
2110	2142	2143	2200	2199	3	150.00	0.35	162150.30	162150.30	0.02000
2111	2143	2144	2201	2200	3	150.00	0.35	162150.30	162150.30	0.02000
2112	2144	2145	2202	2201	3	150.00	0.35	162150.30	162150.30	0.02000
2113	2145	2146	2203	2202	3	150.00	0.35	162150.30	162150.30	0.02000
2114	2146	2147	2204	2203	3	150.00	0.35	162150.30	162150.30	0.02000
2115	2147	2148	2205	2204	3	150.00	0.35	162150.30	162150.30	0.02000
2116	2148	2149	2206	2205	3	150.00	0.35	162150.30	162150.30	0.02000
2117	2149	2150	2207	2206	3	150.00	0.35	162150.30	162150.30	0.02000
2118	2150	2151	2208	2207	3	150.00	0.35	162150.30	162150.30	0.02000
2119	2151	2152	2209	2208	3	150.00	0.35	162150.30	162150.30	0.02000
2120	2152	2153	2210	2209	3	150.00	0.35	162150.30	162150.30	0.02000
2121	2153	2154	2211	2210	3	150.00	0.35	162150.30	162150.30	0.02000
2122	2154	2155	2212	2211	3	150.00	0.35	162150.30	162150.30	0.02000
2123	2155	2156	2213	2212	3	150.00	0.35	162150.30	162150.30	0.02000
2124	2156	2157	2214	2213	3	150.00	0.35	162150.30	162150.30	0.02000
2125	2157	2158	2215	2214	3	150.00	0.35	162150.30	162150.30	0.02000
2126	2158	2159	2216	2215	3	150.00	0.35	162150.30	162150.30	0.02000
2127	2159	2160	2217	2216	3	150.00	0.35	162150.30	162150.30	0.02000
2128	2160	2161	2218	2217	3	150.00	0.35	162150.30	162150.30	0.02000
2129	2161	2162	2219	2218	3	150.00	0.35	162150.30	162150.30	0.02000
2130	2221	2220	2163	2163	1	140.00	0.37	69565.22	69565.22	0.02000
2131	2163	2164	2222	2221	1	140.00	0.37	69565.22	69565.22	0.02000
2132	2164	2165	2223	2222	1	140.00	0.37	69565.22	69565.22	0.02000
2133	2165	2166	2224	2223	1	140.00	0.37	69565.22	69565.22	0.02000
2134	2166	2167	2225	2224	1	140.00	0.37	69565.22	69565.22	0.02000
2135	2167	2168	2226	2225	1	140.00	0.37	69565.22	69565.22	0.02000
2136	2168	2169	2227	2226	1	140.00	0.37	69565.22	69565.22	0.02000
2137	2169	2170	2228	2227	1	140.00	0.37	69565.22	69565.22	0.02000
2138	2170	2171	2229	2228	1	140.00	0.37	69565.22	69565.22	0.02000
2139	2171	2172	2230	2229	1	140.00	0.37	69565.22	69565.22	0.02000
2140	2172	2173	2231	2230	1	140.00	0.37	69565.22	69565.22	0.02000
2141	2173	2174	2232	2231	1	140.00	0.37	69565.22	69565.22	0.02000
2142	2174	2175	2233	2232	1	140.00	0.37	69565.22	69565.22	0.02000
2143	2175	2176	2234	2233	1	140.00	0.37	69565.22	69565.22	0.02000
2144	2176	2177	2235	2234	1	140.00	0.37	69565.22	69565.22	0.02000
2145	2177	2178	2236	2235	1	140.00	0.37	69565.22	69565.22	0.02000
2146	2178	2179	2237	2236	1	140.00	0.37	69565.22	69565.22	0.02000
2147	2179	2180	2238	2237	1	140.00	0.37	69565.22	69565.22	0.02000
2148	2180	2181	2239	2238	1	140.00	0.37	69565.22	69565.22	0.02000
2149	2181	2182	2240	2239	1	140.00	0.37	69565.22	69565.22	0.02000
2150	2182	2183	2241	2240	1	140.00	0.37	69565.22	69565.23	0.02000
2151	2183	2184	2242	2241	1	140.00	0.37	69565.22	69565.22	0.02000
2152	2184	2185	2243	2242	2	145.00	0.35	103751.55	103751.55	0.02000
2153	2185	2186	2244	2243	2	145.00	0.35	103751.55	103751.55	0.02000
2154	2186	2187	2245	2244	2	145.00	0.35	103751.55	103751.55	0.02000
2155	2187	2188	2246	2245	2	145.00	0.35	103751.55	103751.55	0.02000
2156	2188	2189	2247	2246	2	145.00	0.35	103751.55	103751.55	0.02000
2157	2189	2190	2248	2247	2	145.00	0.35	103751.55	103751.55	0.02000
2158	2190	2191	2249	2248	2	145.00	0.35	103751.55	103751.55	0.02000
2159	2191	2192	2250	2249	2	145.00	0.35	103751.55	103751.55	0.02000
2160	2192	2193	2251	2250	2	145.00	0.35	103751.55	103751.55	0.02000
2161	2193	2194	2252	2251	2	145.00	0.35	103751.55	103751.55	0.02000
2162	2194	2195	2253	2252	2	145.00	0.35	103751.55	103751.55	0.02000
2163	2195	2196	2254	2253	2	145.00	0.35	103751.55	103751.55	0.02000
2164	2196	2197	2255	2254	3	150.00	0.35	162150.30	162150.30	0.02000
2165	2197	2198	2256	2255	3	150.00	0.35	162150.30	162150.30	0.02000
2166	2198	2199	2257	2256	3	150.00	0.35	162150.30	162150.30	0.02000
2167	2199	2200	2258	2257	3	150.00	0.35	162150.30	162150.30	0.02000
2168	2200	2201	2259	2258	3	150.00	0.35	162150.30	162150.30	0.02000
2169	2201	2202	2260	2259	3	150.00	0.35	162150.30	162150.30	0.02000
2170	2202	2203	2261	2260	3	150.00	0.35	162150.30	162150.30	0.02000
2171	2203	2204	2262	2261	3	150.00	0.35	162150.30	162150.30	0.02000
2172	2204	2205	2263	2262	3	150.00	0.35	162150.30	162150.30	0.02000
2173	2205	2206	2264	2263	3	150.00	0.35	162150.30	162150.30	0.02000
2174	2206	2207	2265	2264	3	150.00	0.35	162150.30	162150.30	0.02000
2175	2207	2208	2266	2265	3	150.00	0.35	162150.30	162150.30	0.02000
2176	2208	2209	2267	2266	3	150.00	0.35	162150.30	162150.30	0.02000
2177	2209	2210	2268	2267	3	150.00	0.35	162150.30	162150.30	0.02000
2178	2210	2211	2269	2268	3	150.00	0.35	162150.30	162150.30	0.02000
2179	2211	2212	2270	2269	3	150.00	0.35	162150.30	162150.30	0.02000
2180	2212	2213	2271	2270	3	150.00	0.35	162150.30	162150.30	0.02000
2181	2213	2214	2272	2271	3	150.00	0.35	162150.30	162150.30	0.02000
2182	2214	2215	2273	2272	3	150.00	0.35	162150.30	162150.30	0.02000
2183	2215	2216	2274	2273	3	150.00	0.35	162150.30	162150.30	0.02000
2184	2216	2217	2275	2274	3	150.00	0.35	162150.30	162150.30	0.02000
2185	2217	2218	2276	2275	3	150.00	0.35	162150.30	162150.30	0.02000
2186	2218	2219	2277	2276	3	150.00	0.35	162150.30	162150.30	0.02000
2187	2279	2278	2220	2220	1	140.00	0.37	69565.22	69565.22	0.02000
2188	2220	2221	2280	2279	1	140.00	0.37	69565.22	69565.22	0.02000
2189	2221	2222	2281	2280	1	140.00	0.37	69565.22	69565.22	0.02000
2190	2222	2223	2282	2281	1	140.00	0.37	69565.22	69565.22	0.02000
2191	2223	2224	2283	2282	1	140.00	0.37	69565.22	69565.22	0.02000
2192	2224	2225	2284	2283	1	140.00	0.37	69565.22	69565.22	0.02000
2193	2225	2226	2285	2284	1	140.00	0.37	69565.22	69565.22	0.02000
2194	2226	2227	2286	2285	1	140.00	0.37	69565.22	69565.22	0.02000
2195	2227	2228	2287	2286	1	140.00	0.37	69565.22	69565.22	0.02000
2196	2228	2229	2288	2287	1	140.00	0.37	69565.22	69565.22	0.02000
2197	2229	2230	2289	2288	1	140.00	0.37	69565.22	69565.22	0.02000
2198	2230	2231	2290	2289	1	140.00	0.37	69565.22	69565.22	0.02000
2199	2231	2232	2291	2290	1	140.00	0.37	69565.22	69565.22	0.02000
2200	2232	2233	2292	2291	1	140.00	0.37	69565.22	69565.22	0.02000
2201	2233	2234	2293	2292	1	140.00	0.37	69565.22	69565.22	0.02000
2202	2234	2235	2294	2293	1	140.00	0.37	69565.22	69565.22	0.02000
2203	2235	2236	2295	2294	1	140.00	0.37	69565.22	69565.22	0.02000
2204	2236	2237	2296	2295	1	140.00	0.37	69565.22	69565.22	0.02000
2205	2237	2238	2297	2296	1	140.00	0.37	69565.22	69565.22	0.02000
2206	2238	2239	2298	2297	1	140.00	0.37	69565.22	69565.22	0.02000
2207	2239	2240	2299	2298	1	140.00	0.37	69565.22	69565.22	0.02000
2208	2240	2241	2300	2299	1	140.00	0.37	69565.22	69565.22	0.02000
2209	2241	2242	2301	2300	2	145.00	0.35	103751.55	103751.55	0.02000
2210	2242	2243	2302	2301	2	145.00	0.35	103751.55	103751.55	0.02000
2211	2243	2244	2303	2302	2	145.00	0.35	103751.55	103751.55	0.02000
2212	2244	2245	2304	2303	2	145.00	0.35	103751.55	103751.55	0.02000
2213	2245	2246	2305	2304	2	145.00	0.35	103751.55	103751.55	0.02000
2214	2246	2247	2306	2305	2	145.00	0.35	103751.55	103751.55	0.02000
2215	2247	2248	2307	2306	2	145.00	0.35	103751.55	103751.55	0.02000
2216	2248	2249	2308	2307	2	145.00	0.35	103751.55	103751.55	0.02000
2217	2249	2250	2309	2308	2	145.00	0.35	103751.55	103751.55	0.02000
2218	2250	2251	2310	2309	2	145.00	0.35	103751.55	103751.55	0.02000
2219	2251	2252	2311	2310	2	145.00	0.35	103751.55	103751.55	0.02000
2220	2252	2253	2312	2311	2	145.00	0.35	103751.55	103751.55	0.02000
2221	2253	2254	2313	2312	2	145.00	0.35	103751.55	103751.55	0.02000
2222	2254	2255	2314	2313	3	150.00	0.35	162150.30	162150.30	0.02000
2223	2255	2256	2315	2314	3	150.00	0.35	162150.30	162150.30	0.02000
2224	2256	2257	2316	2315	3	150.00	0.35	162150.30	162150.30	0.02000
2225	2257	2258	2317	2316	3	150.00	0.35	162150.30	162150.30	0.02000
2226	2258	2259	2318	2317	3	150.00	0.35	162150.30	162150.30	0.02000
2227	2259	2260	2319	2318	3	150.00	0.35	162150.30	162150.30	0.02000
2228	2260	2261	2320	2319	3	150.00	0.35	162150.30	162150.30	0.02000
2229	2261	2262	2321	2320	3	150.00	0.35	162150.30	162150.30	0.02000
2230	2262	2263	2322	2321	3	150.00	0.35	162150.30	162150.30	0.02000
2231	2263	2264	2323	2322	3	150.00	0.35	162150.30	162150.30	0.02000
2232	2264	2265	2324	2323	3	150.00	0.35	162150.30	162150.30	0.02000
2233	2265	2266	2325	2324	3	150.00	0.35	162150.30	162150.30	0.02000
2234	2266	2267	2326	2325	3	150.00	0.35	162150.30	162150.30	0.02000
2235	2267	2268	2327	2326	3	150.00	0.35	162150.30	162150.30	0.02000
2236	2268	2269	2328	2327	3	150.00	0.35	162150.30	162150.30	0.02000
2237	2269	2270	2329	2328	3	150.00	0.35	162150.30	162150.30	0.02000
2238	2270	2271	2330	2329	3	150.00	0.35	162150.30	162150.30	0.02000
2239	2271	2272	2331	2330	3	150.00	0.35	162150.30	162150.30	0.02000
2240	2272	2273	2332	2331	3	150.00	0.35	162150.30	162150.30	0.02000
2241	2273	2274	2333	2332	3	150.00	0.35	162150.30	162150.30	0.02000
2242	2274	2275	2334	2333	3	150.00	0.35	162150.30	162150.30	0.02000
2243	2275	2276	2335	2334	3	150.00	0.35	162150.30	162150.30	0.02000
2244	2276	2277	2336	2335	3	150.00	0.35	162150.30	162150.30	0.02000
2245	2338	2337	2278	2278	1	140.00	0.37	69565.22	69565.22	0.02000
2246	2278	2279	2339	2338	1	140.00	0.37	69565.22	69565.22	0.02000
2247	2279	2280	2340	2339	1	140.00	0.37	69565.22	69565.22	0.02000
2248	2280	2281	2341	2340	1	140.00	0.37	69565.22	69565.22	0.02000

2249	2281	2282	2342	2341	1	140.00	0.37	69565.22	69565.22	0.02000
2250	2282	2283	2343	2342	1	140.00	0.37	69565.22	69565.22	0.02000
2251	2283	2284	2344	2343	1	140.00	0.37	69565.22	69565.22	0.02000
2252	2284	2285	2345	2344	1	140.00	0.37	69565.22	69565.22	0.02000
2253	2285	2286	2346	2345	1	140.00	0.37	69565.22	69565.22	0.02000
2254	2286	2287	2347	2346	1	140.00	0.37	69565.22	69565.22	0.02000
2255	2287	2288	2348	2347	1	140.00	0.37	69565.22	69565.22	0.02000
2256	2288	2289	2349	2348	1	140.00	0.37	69565.22	69565.22	0.02000
2257	2289	2290	2350	2349	1	140.00	0.37	69565.22	69565.22	0.02000
2258	2290	2291	2351	2350	1	140.00	0.37	69565.22	69565.22	0.02000
2259	2291	2292	2352	2351	1	140.00	0.37	69565.22	69565.22	0.02000
2260	2292	2293	2353	2352	1	140.00	0.37	69565.22	69565.22	0.02000
2261	2293	2294	2354	2353	1	140.00	0.37	69565.22	69565.22	0.02000
2262	2294	2295	2355	2354	1	140.00	0.37	69565.22	69565.22	0.02000
2263	2295	2296	2356	2355	1	140.00	0.37	69565.22	69565.22	0.02000
2264	2296	2297	2357	2356	1	140.00	0.37	69565.22	69565.22	0.02000
2265	2297	2298	2358	2357	1	140.00	0.37	69565.22	69565.22	0.02000
2266	2298	2299	2359	2358	1	140.00	0.37	69565.22	69565.22	0.02000
2267	2299	2300	2360	2359	2	145.00	0.35	103751.55	103751.55	0.02000
2268	2300	2301	2361	2360	2	145.00	0.35	103751.55	103751.55	0.02000
2269	2301	2302	2362	2361	2	145.00	0.35	103751.55	103751.55	0.02000
2270	2302	2303	2363	2362	2	145.00	0.35	103751.55	103751.55	0.02000
2271	2303	2304	2364	2363	2	145.00	0.35	103751.55	103751.55	0.02000
2272	2304	2305	2365	2364	2	145.00	0.35	103751.55	103751.55	0.02000
2273	2305	2306	2366	2365	2	145.00	0.35	103751.55	103751.55	0.02000
2274	2306	2307	2367	2366	2	145.00	0.35	103751.55	103751.55	0.02000
2275	2307	2308	2368	2367	2	145.00	0.35	103751.55	103751.55	0.02000
2276	2308	2309	2369	2368	2	145.00	0.35	103751.55	103751.55	0.02000
2277	2309	2310	2370	2369	2	145.00	0.35	103751.55	103751.55	0.02000
2278	2310	2311	2371	2370	2	145.00	0.35	103751.55	103751.55	0.02000
2279	2311	2312	2372	2371	2	145.00	0.35	103751.55	103751.55	0.02000
2280	2312	2313	2373	2372	3	150.00	0.35	162150.38	162150.38	0.02000
2281	2313	2314	2374	2373	3	150.00	0.35	162150.38	162150.38	0.02000
2282	2314	2315	2375	2374	3	150.00	0.35	162150.38	162150.38	0.02000
2283	2315	2316	2376	2375	3	150.00	0.35	162150.38	162150.38	0.02000
2284	2316	2317	2377	2376	3	150.00	0.35	162150.38	162150.38	0.02000
2285	2317	2318	2378	2377	3	150.00	0.35	162150.38	162150.38	0.02000
2286	2318	2319	2379	2378	3	150.00	0.35	162150.38	162150.38	0.02000
2287	2319	2320	2380	2379	3	150.00	0.35	162150.38	162150.38	0.02000
2288	2320	2321	2381	2380	3	150.00	0.35	162150.38	162150.38	0.02000
2289	2321	2322	2382	2381	3	150.00	0.35	162150.38	162150.38	0.02000
2290	2322	2323	2383	2382	3	150.00	0.35	162150.38	162150.38	0.02000
2291	2323	2324	2384	2383	3	150.00	0.35	162150.38	162150.38	0.02000
2292	2324	2325	2385	2384	3	150.00	0.35	162150.38	162150.38	0.02000
2293	2325	2326	2386	2385	3	150.00	0.35	162150.38	162150.38	0.02000
2294	2326	2327	2387	2386	3	150.00	0.35	162150.38	162150.38	0.02000
2295	2327	2328	2388	2387	3	150.00	0.35	162150.38	162150.38	0.02000
2296	2328	2329	2389	2388	3	150.00	0.35	162150.38	162150.38	0.02000
2297	2329	2330	2390	2389	3	150.00	0.35	162150.38	162150.38	0.02000
2298	2330	2331	2391	2390	3	150.00	0.35	162150.38	162150.38	0.02000
2299	2331	2332	2392	2391	3	150.00	0.35	162150.38	162150.38	0.02000
2300	2332	2333	2393	2392	3	150.00	0.35	162150.38	162150.38	0.02000
2301	2333	2334	2394	2393	3	150.00	0.35	162150.38	162150.38	0.02000
2302	2334	2335	2395	2394	3	150.00	0.35	162150.38	162150.38	0.02000
2303	2335	2336	2396	2395	3	150.00	0.35	162150.38	162150.38	0.02000
2304	2398	2397	2337	2337	1	140.00	0.37	69565.22	69565.22	0.02000
2305	2337	2338	2399	2398	1	140.00	0.37	69565.22	69565.22	0.02000
2306	2338	2339	2400	2399	1	140.00	0.37	69565.22	69565.22	0.02000
2307	2339	2340	2401	2400	1	140.00	0.37	69565.22	69565.22	0.02000
2308	2340	2341	2402	2401	1	140.00	0.37	69565.22	69565.22	0.02000
2309	2341	2342	2403	2402	1	140.00	0.37	69565.22	69565.22	0.02000
2310	2342	2343	2404	2403	1	140.00	0.37	69565.22	69565.22	0.02000
2311	2343	2344	2405	2404	1	140.00	0.37	69565.22	69565.22	0.02000
2312	2344	2345	2406	2405	1	140.00	0.37	69565.22	69565.22	0.02000
2313	2345	2346	2407	2406	1	140.00	0.37	69565.22	69565.22	0.02000
2314	2346	2347	2408	2407	1	140.00	0.37	69565.22	69565.22	0.02000
2315	2347	2348	2409	2408	1	140.00	0.37	69565.22	69565.22	0.02000
2316	2348	2349	2410	2409	1	140.00	0.37	69565.22	69565.22	0.02000
2317	2349	2350	2411	2410	1	140.00	0.37	69565.22	69565.22	0.02000
2318	2350	2351	2412	2411	1	140.00	0.37	69565.22	69565.22	0.02000
2319	2351	2352	2413	2412	1	140.00	0.37	69565.22	69565.22	0.02000
2320	2352	2353	2414	2413	1	140.00	0.37	69565.22	69565.22	0.02000
2321	2353	2354	2415	2414	1	140.00	0.37	69565.22	69565.22	0.02000
2322	2354	2355	2416	2415	1	140.00	0.37	69565.22	69565.22	0.02000
2323	2355	2356	2417	2416	1	140.00	0.37	69565.22	69565.22	0.02000
2324	2356	2357	2418	2417	1	140.00	0.37	69565.22	69565.22	0.02000
2325	2357	2358	2419	2418	1	140.00	0.37	69565.22	69565.22	0.02000
2326	2358	2359	2420	2419	2	145.00	0.35	103751.55	103751.55	0.02000
2327	2359	2360	2421	2420	2	145.00	0.35	103751.55	103751.55	0.02000
2328	2360	2361	2422	2421	2	145.00	0.35	103751.55	103751.55	0.02000
2329	2361	2362	2423	2422	2	145.00	0.35	103751.55	103751.55	0.02000
2330	2362	2363	2424	2423	2	145.00	0.35	103751.55	103751.55	0.02000
2331	2363	2364	2425	2424	2	145.00	0.35	103751.55	103751.55	0.02000
2332	2364	2365	2426	2425	2	145.00	0.35	103751.55	103751.55	0.02000
2333	2365	2366	2427	2426	2	145.00	0.35	103751.55	103751.55	0.02000
2334	2366	2367	2428	2427	2	145.00	0.35	103751.55	103751.55	0.02000
2335	2367	2368	2429	2428	2	145.00	0.35	103751.55	103751.55	0.02000
2336	2368	2369	2430	2429	2	145.00	0.35	103751.55	103751.55	0.02000
2337	2369	2370	2431	2430	2	145.00	0.35	103751.55	103751.55	0.02000
2338	2370	2371	2432	2431	2	145.00	0.35	103751.55	103751.55	0.02000
2339	2371	2372	2433	2432	3	150.00	0.35	162150.38	162150.38	0.02000
2340	2372	2373	2434	2433	3	150.00	0.35	162150.38	162150.38	0.02000
2341	2373	2374	2435	2434	3	150.00	0.35	162150.38	162150.38	0.02000
2342	2374	2375	2436	2435	3	150.00	0.35	162150.38	162150.38	0.02000
2343	2375	2376	2437	2436	3	150.00	0.35	162150.38	162150.38	0.02000
2344	2376	2377	2438	2437	3	150.00	0.35	162150.38	162150.38	0.02000
2345	2377	2378	2439	2438	3	150.00	0.35	162150.38	162150.38	0.02000
2346	2378	2379	2440	2439	3	150.00	0.35	162150.38	162150.38	0.02000
2347	2379	2380	2441	2440	3	150.00	0.35	162150.38	162150.38	0.02000
2348	2380	2381	2442	2441	3	150.00	0.35	162150.38	162150.38	0.02000
2349	2381	2382	2443	2442	3	150.00	0.35	162150.38	162150.38	0.02000
2350	2382	2383	2444	2443	3	150.00	0.35	162150.38	162150.38	0.02000
2351	2383	2384	2445	2444	3	150.00	0.35	162150.38	162150.38	0.02000
2352	2384	2385	2446	2445	3	150.00	0.35	162150.38	162150.38	0.02000
2353	2385	2386	2447	2446	3	150.00	0.35	162150.38	162150.38	0.02000
2354	2386	2387	2448	2447	3	150.00	0.35	162150.38	162150.38	0.02000
2355	2387	2388	2449	2448	3	150.00	0.35	162150.38	162150.38	0.02000
2356	2388	2389	2450	2449	3	150.00	0.35	162150.38	162150.38	0.02000
2357	2389	2390	2451	2450	3	150.00	0.35	162150.38	162150.38	0.02000
2358	2390	2391	2452	2451	3	150.00	0.35	162150.38	162150.38	0.02000
2359	2391	2392	2453	2452	3	150.00	0.35	162150.38	162150.38	0.02000
2360	2392	2393	2454	2453	3	150.00	0.35	162150.38	162150.38	0.02000
2361	2393	2394	2455	2454	3	150.00	0.35	162150.38	162150.38	0.02000
2362	2394	2395	2456	2455	3	150.00	0.35	162150.38	162150.38	0.02000
2363	2395	2396	2457	2456	3	150.00	0.35	162150.38	162150.38	0.02000
2364	2459	2458	2397	2397	1	140.00	0.37	69565.22	69565.22	0.02000
2365	2397	2398	2460	2459	1	140.00	0.37	69565.22	69565.22	0.02000
2366	2398	2399	2461	2460	1	140.00	0.37	69565.22	69565.22	0.02000
2367	2399	2400	2462	2461	1	140.00	0.37	69565.22	69565.22	0.02000
2368	2400	2401	2463	2462	1	140.00	0.37	69565.22	69565.22	0.02000
2369	2401	2402	2464	2463	1	140.00	0.37	69565.22	69565.22	0.02000
2370	2402	2403	2465	2464	1	140.00	0.37	69565.22	69565.22	0.02000
2371	2403	2404	2466	2465	1	140.00	0.37	69565.22	69565.22	0.02000
2372	2404	2405	2467	2466	1	140.00	0.37	69565.22	69565.22	0.02000
2373	2405	2406	2468	2467	1	140.00	0.37	69565.22	69565.22	0.02000
2374	2406	2407	2469	2468	1	140.00	0.37	69565.22	69565.22	0.02000
2375	2407	2408	2470	2469	1	140.00	0.37	69565.22	69565.22	0.02000
2376	2408	2409	2471	2470	1	140.00	0.37	69565.22	69565.22	0.02000
2377	2409	2410	2472	2471	1	140.00	0.37	69565.22	69565.22	0.02000
2378	2410	2411	2473	2472	1	140.00	0.37	69565.22	69565.22	0.02000
2379	2411	2412	2474	2473	1	140.00	0.37	69565.22	69565.22	0.02000
2380	2412	2413	2475	2474	1	140.00	0.37	69565.22	69565.22	0.02000
2381	2413	2414	2476	2475	1	140.00	0.37	69565.22	69565.22	0.02000
2382	2414	2415	2477	2476	1	140.00	0.37	69565.22	69565.22	0.02000
2383	2415	2416	2478	2477	1	140.00	0.37	69565.22	69565.22	0.02000
2384	2416	2417	2479	2478	1	140.00	0.37	69565.22	69565.22	0.02000
2385	2417	2418	2480	2479	1	140.00	0.37	69565.22	69565.22	0.02000
2386	2418	2419	2481	2480	2	145.00	0.35	103751.55	103751.55	0.02000
2387	2419	2420	2482	2481	2	145.00	0.35	103751.55	103751.55	0.02000
2388	2420	2421	2483	2482	2	145.00	0.35	103751.55	103751.55	0.02000
2389	2421	2422	2484	2483	2	145.00	0.35	103751.55	103751.55	0.02000
2390	2422	2423	2485	2484	2	145.00	0.35	103751.55	103751.55	0.02000
2391	2423	2424	2486	2485	2	145.00	0.35	103751.55	103751.55	0.02000
2392	2424	2425	2487	2486	2	145.00	0.35	103751.55	103751.55	0.02000
2393	2425	2426	2488	2487	2	145.00	0.35	103751.55	103751.55	0.02000
2394	2426	2427	2489	2488	2	145.00	0.35	103751.55	103751.55	0.02000
2395	2427	2428	2490	2489	2	145.00	0.35	103751.55	103751.55	0.02000
2396	2428	2429	2491	2490	2	145.00	0.35	103751.55	103751.55	0.02000
2397	2429	2430	2492	2491	2	145.00	0.35	103751.55	103751.55	0.02000
2398	2430	2431	2493	2492	2	145.00	0.35	103751.55	103751.55	0.02000
2399	2431	2432	2494	2493	3	150.00	0.35	162150.38	162150.38	0.02000
2400	2432	2433	2495	2494	3	150.00	0.35	162150.38	162150.38	0.02000
2401	2433	2434	2496	2495	3	150.00	0.35	162150.38	162150.38	0.02000
2402	2434	2435	2497	2496	3	150.00	0.35	162150.38	162150.38	0.02000
2403	2435	2436	2498	2497	3	150.00	0.35	162150.38	162150.38	0.02000
2404	2436	2437	2499	2498	3	150.00	0.35	162150.38	162150.38	0.02000
2405	2437	2438	2500	2499	3	150.00	0.35	162150.38	162150.38	0.02000
2406	2438	2439	2501	2500	3	150.00	0.35	162150.38	162150.38	0.02000
2407	2439	2440	2502	2501	3	150.00	0.35	162150.38	162150.38	0.02000
2408	2440	2441	2503	2502	3	150.00	0.35	162150.38	162150.38	0.02000
2409	2441	2442	2504	2503	3	150.00	0.35	162150.38	162150.38	0.02000
2410	2442	2443	2505	2504	3	150.00	0.35	162150.38	162150.38	0.02000
2411	2443	2444	2506	2505	3	150.00	0.35	162150.38	162150.38	0.02000
2412	2444	2445	2507	2506	3	150.00	0.35	162150.38	162150.38	0.02000
2413	2445	2446	2508	2507	3	150.00	0.35	162150.38	162150.38	0.02000
2414	2446	2447	2509	2508	3	150.00	0.35	162150.38	162150.38	0.02000
2415	2447	2448	2510	2509	3	150.00	0.35	162150.38	162150.38	0.02000
2416	2448	2449	2511	2510	3	150.00	0.35	162150.38	162150.38	0.02000
2417	2449	2450	2512	2511	3	150.00	0.35	162150.38	162150.38	0.02000
2418	2450	2451	2513	2512	3	150.00	0.35	162150.38	162150.38	0.02000
2419	2451	2452	2514	2513	3	150.00	0.35	162150.38	162150.38	0.02000
2420	2452	2453	2515	2514	3	150.00	0.35	162150.38	162150.38	0.02000
2421	2453	2454	2516	2515	3	150.00	0.35	162150.38	162150.38	0.02000
2422	2454	2455	2517	2516	3	150.00	0.35	162150.38	162150.38	0.02000
2423	2455	2456	2518	2517	3	150.00	0.35	162150.38	162150.38	0.02000
2424	2456	2457	2519	2518	3	150.00	0.35	162150.38	162150.38	0.02000
2425	2521	2520	2458	2458	1	140.00	0.37	69565.22	69565.22	0.02000
2426	2458	2459	2522	2521	1	140.00	0.37	69565.22	69565.22	0.02000
2427	2459	2460	2523	2522	1	140.00	0.37	69565.22	69565.22	0.02000
2428	2460	2461	2524	2523	1	140.00	0.37	69565.22	69565.22	0.02000
2429	2461	2462	2525	2524	1	140.00	0.37	69565.22	69565.22	0.02000
2430	2462	2463	2526	2525	1	140.00	0.37	69565.22	69565.22	0.02000
2431	2463	2464	2527	2526	1	140.00	0.37	69565.22	69565.22	0.02000
2432	2464	2465	2528	2527	1	140.00	0.37	69565.22	69565.22	0.02000
2433	2465	2466	2529	2528	1	140.00	0.37	69565.22	69565.22	0.02000
2434	2466	2467	2530	2529	1	140.00	0.37	69565.22	69565.22	0.02000
2435	2467	2468	2531	2530	1	140.00	0.37	69565.22	69565.22	0.02000
2436	2468	2469	2532	2531	1	140.00	0.37	69565.22	69565.22	0.02000
2437	2469	2470	2533	2532	1	140.00	0.37	69565.22	69565.22	0.02000
2438	2470	2471	2534	2533	1	140.00	0.37	69565.22	69565.22	0.02000
2439	2471	2472	2535	2534	1	140.00	0.37	69565.22	69565.22	0.02000
2440	2472	2473	2536	2535	1	140.00	0.37	69565.22	69565.22	0.02000
2441	2473	2474	2537	2536	1	140.00	0.37	69565.22	69565.22	0.02000
2442	2474	2475	2538	2537	1	140.00	0.37	69565.22	69565.22	0.02000
2443	2475	2476	2539	2538	1	140.00	0.37	69565.22	69565.22	0.02000
2444	2476	2477	2540	2539	1	140.00	0.37	69565.22	69565.22	0.02000
2445	2477	2478	2541	2540	1	140.00	0.37	69565.22	69565.22	0.02000
2446	2478	2479	2542	2541	1	140.00	0.37	69565.22	69565.22	0.02000
2447	2479	2480	2543	2542	2	145.00	0.35	103751.55	103751.55	0.02000
2448	2480	2481	2544	2543	2	145.00	0.35	103751.55	103751.55	0.02000
2449	2481	2482	2545	2544	2	145.00	0.35	103751.55	103751.55	0.02000
2450	2482	2483	2546	2545	2	145.00	0.35	103751.55	103751.55	0.02000
2451	2483	2484	2547	2546	2	145.00	0.35	103751.55	103751.55	0.02000
2452	2484	2485	2548	2547	2	145.00	0.35	103751.55	103751.55	0.02000
2453	2485	2486	2549	2548	2	145.00	0.35	103751.55	103751.55	0.02000
2454	2486	2487	2550	2549	2	145.00	0.35	103751.55	103751.55	0.02000
2455	2487	2488	2551	2550	2	145.00	0.35	103751.55	103751.55	0.02000
2456	2488	2489	2552	2551	2	145.00	0.35	103751.55	103751.55	0.02000
2457	2489	2490	2553	2552	2	145.00	0.35	103751.55	103751.55	0.02000
2458	2490	2491	2554	2553	2	145.00	0.35	103751.55	103751.55	0.02000
2459	2491	2492	2555	2554	2	145.00	0.35	103751.55	103751.55	0.02000
2460	2492	2493	2556	2555	3	150.00	0.35	162150.38	162150.38	0.02000
2461	2493	2494	2557	2556	3	150.00	0.35	162150.38	162150.38	0.02000
2462	2494	2495	2558	2557	3	150.00	0.35	162150.38	162150.38	0.02000
2463	2495	2496	2559	2558	3	150.00	0.35	162150.38	162150.38	0.02000
2464	2496	2497	2560	2559	3	150.00	0.35	162150.38	162150.38	0.02000
2465	2497	2498	2561	2560	3	150.00	0.35	162150.38	162150.38	0.02000
2466	2498	2499	2562	2561	3	150.00	0.35	162150.38	162150.38	0.02000
2467	2499	2500	2563	2562	3	150.00	0.35	162150.38	162150.38	0.02000
2468	2500	2501	2564	2563	3	150.00	0.35	162150.38	162150.38	0.02000
2469	2501	2502	2565	2564	3	150.00	0.35	162150.38	162150.38	0.02000
2470	2502	2503	2566	2565	3	150.00	0.35	162150.38	162150.38	0.02000
2471	2503	2504	2567	2566	3	150.00	0.35	162150.38	162150.38	0.02000
2472	2504	2505	2568	2567	3	150.00	0.35	162150.38	162150.38	0.02000
2473	2505	2506	2569	2568	3	150.00	0.35	162150.38	162150.38	0.02000
2474	2506	2507	2570	2569	3	150.00	0.35	162150.38	162150.38	0.02000
2475	2507	2508	2571	2570	3	150.00	0.35	162150.38	162150.38	0.02000
2476	2508	2509	2572	2571	3	150.00	0.35	162150.38	162150.38	0.02000
2477	2509	2510	2573	2572	3	150.00	0.35	162150.38	162150.38	0.02000
2478	2510	2511	2574	2573	3	150.00	0.35	162150.38	162150.38	0.02000
2479	2511	2512	2575	2574	3	150.00	0.35	162150.38	162150.38	0.02000
2480	2512	2513	2576	2575	3	150.00	0.35	162150.38	162150.38	0.02000
2481	2513	2514	2577	2576	3	150.00	0.35	162150.38	162150.38	0.02000
2482	2514	2515	2578	2577	3	150.00	0.35	162150.38	162150.38	0.02000
2483	2515	2516	2579	2578	3	150.00	0.35	162150.38	162150.38	0.02000
2484	2516	2517	2580	2579	3	150.00	0.35	162150.38	162150.38	0.02000
2485	2517	2518	2581	2580	3	150.00	0.35	162150.38	162150.38	0.02000
2486	2518	2519	2582	2581	3	150.00	0.35	162150.38	162150.38	0.02000
2487	2584	2583	2520	2520	1	140.00	0.37	69565.22	69565.22	0.02000
2488	2520	2521	2585	2584	1	140.00	0.37	69565.22	69565.22	0.02000
2489	2521	2522	2586	2585	1	140.00	0.37	69565.22	69565.22	0.02000
2490	2522	2523	2587	2586	1	140.00	0.37	69565.22	69565.22	0.02000
2491	2523	2524	2588	2587	1	140.00	0.37	69565.22	69565.22	0.02000
2492	2524	2525	2589	2588	1	140.00	0.37	69565.22	69565.22	0.02000
2493	2525	2526	2590	2589	1	140.00	0.37	69565.22	69565.22	0.02000
2494	2526	2527	2591	2590	1	140.00	0.37	69565.22	69565.22	0.02000
2495	2527	2528	2592	2591	1	140.00	0.37	69565.22	69565.22	0.02000
2496	2528	2529	2593	2592	1	140.00	0.37	69565.22	69565.22	0.02000
2497	2529	2530	2594	2593	1	140.00	0.37	69565.22	69565.22	0.02000
2498	2530	2531	2595	2594	1	140.00	0.37	69565.22	69565.22	0.02000
2499	2531	2532	2596	2595	1	140.00	0.37	69565.22	69565.22	0.02000
2500	2532	2533	2597	2596	1	140.00	0.37	69565.22	69565.22	0.02000
2501	2533	2534	2598	2597	1	140.00	0.37	69565.22	69565.22	0.02000
2502	2534	2535	2599	2598	1	140.00	0.37	69565.22	69565.22	0.02000

2503	2535	2536	2600	2599	1	140.00	0.37	69565.22	69565.22	0.02000
2504	2536	2537	2601	2600	1	140.00	0.37	69565.22	69565.22	0.02000
2505	2537	2538	2602	2601	1	140.00	0.37	69565.22	69565.22	0.02000
2506	2538	2539	2603	2602	1	140.00	0.37	69565.22	69565.22	0.02000
2507	2539	2540	2604	2603	1	140.00	0.37	69565.22	69565.22	0.02000
2508	2540	2541	2605	2604	1	140.00	0.37	69565.22	69565.22	0.02000
2509	2541	2542	2606	2605	2	145.00	0.35	103751.55	103751.55	0.02000
2510	2542	2543	2607	2606	2	145.00	0.35	103751.55	103751.55	0.02000
2511	2543	2544	2608	2607	2	145.00	0.35	103751.55	103751.55	0.02000
2512	2544	2545	2609	2608	2	145.00	0.35	103751.55	103751.55	0.02000
2513	2545	2546	2610	2609	2	145.00	0.35	103751.55	103751.55	0.02000
2514	2546	2547	2611	2610	2	145.00	0.35	103751.55	103751.55	0.02000
2515	2547	2548	2612	2611	2	145.00	0.35	103751.55	103751.55	0.02000
2516	2548	2549	2613	2612	2	145.00	0.35	103751.55	103751.55	0.02000
2517	2549	2550	2614	2613	2	145.00	0.35	103751.55	103751.55	0.02000
2518	2550	2551	2615	2614	2	145.00	0.35	103751.55	103751.55	0.02000
2519	2551	2552	2616	2615	2	145.00	0.35	103751.55	103751.55	0.02000
2520	2552	2553	2617	2616	2	145.00	0.35	103751.55	103751.55	0.02000
2521	2553	2554	2618	2617	2	145.00	0.35	103751.55	103751.55	0.02000
2522	2554	2555	2619	2618	2	145.00	0.35	103751.55	103751.55	0.02000
2523	2555	2556	2620	2619	3	150.00	0.35	162150.38	162150.38	0.02000
2524	2556	2557	2621	2620	3	150.00	0.35	162150.38	162150.38	0.02000
2525	2557	2558	2622	2621	3	150.00	0.35	162150.38	162150.38	0.02000
2526	2558	2559	2623	2622	3	150.00	0.35	162150.38	162150.38	0.02000
2527	2559	2560	2624	2623	3	150.00	0.35	162150.38	162150.38	0.02000
2528	2560	2561	2625	2624	3	150.00	0.35	162150.38	162150.38	0.02000
2529	2561	2562	2626	2625	3	150.00	0.35	162150.38	162150.38	0.02000
2530	2562	2563	2627	2626	3	150.00	0.35	162150.38	162150.38	0.02000
2531	2563	2564	2628	2627	3	150.00	0.35	162150.38	162150.38	0.02000
2532	2564	2565	2629	2628	3	150.00	0.35	162150.38	162150.38	0.02000
2533	2565	2566	2630	2629	3	150.00	0.35	162150.38	162150.38	0.02000
2534	2566	2567	2631	2630	3	150.00	0.35	162150.38	162150.38	0.02000
2535	2567	2568	2632	2631	3	150.00	0.35	162150.38	162150.38	0.02000
2536	2568	2569	2633	2632	3	150.00	0.35	162150.38	162150.38	0.02000
2537	2569	2570	2634	2633	3	150.00	0.35	162150.38	162150.38	0.02000
2538	2570	2571	2635	2634	3	150.00	0.35	162150.38	162150.38	0.02000
2539	2571	2572	2636	2635	3	150.00	0.35	162150.38	162150.38	0.02000
2540	2572	2573	2637	2636	3	150.00	0.35	162150.38	162150.38	0.02000
2541	2573	2574	2638	2637	3	150.00	0.35	162150.38	162150.38	0.02000
2542	2574	2575	2639	2638	3	150.00	0.35	162150.38	162150.38	0.02000
2543	2575	2576	2640	2639	3	150.00	0.35	162150.38	162150.38	0.02000
2544	2576	2577	2641	2640	3	150.00	0.35	162150.38	162150.38	0.02000
2545	2577	2578	2642	2641	3	150.00	0.35	162150.38	162150.38	0.02000
2546	2578	2579	2643	2642	3	150.00	0.35	162150.38	162150.38	0.02000
2547	2579	2580	2644	2643	3	150.00	0.35	162150.38	162150.38	0.02000
2548	2580	2581	2645	2644	3	150.00	0.35	162150.38	162150.38	0.02000
2549	2581	2582	2646	2645	3	150.00	0.35	162150.38	162150.38	0.02000
2550	2646	2647	2583	2583	1	140.00	0.37	69565.22	69565.22	0.02000
2551	2583	2584	2649	2648	1	140.00	0.37	69565.22	69565.22	0.02000
2552	2584	2585	2650	2649	1	140.00	0.37	69565.22	69565.22	0.02000
2553	2585	2586	2651	2650	1	140.00	0.37	69565.22	69565.22	0.02000
2554	2586	2587	2652	2651	1	140.00	0.37	69565.22	69565.22	0.02000
2555	2587	2588	2653	2652	1	140.00	0.37	69565.22	69565.22	0.02000
2556	2588	2589	2654	2653	1	140.00	0.37	69565.22	69565.22	0.02000
2557	2589	2590	2655	2654	1	140.00	0.37	69565.22	69565.22	0.02000
2558	2590	2591	2656	2655	1	140.00	0.37	69565.22	69565.22	0.02000
2559	2591	2592	2657	2656	1	140.00	0.37	69565.22	69565.22	0.02000
2560	2592	2593	2658	2657	1	140.00	0.37	69565.22	69565.22	0.02000
2561	2593	2594	2659	2658	1	140.00	0.37	69565.22	69565.22	0.02000
2562	2594	2595	2660	2659	1	140.00	0.37	69565.22	69565.22	0.02000
2563	2595	2596	2661	2660	1	140.00	0.37	69565.22	69565.22	0.02000
2564	2596	2597	2662	2661	1	140.00	0.37	69565.22	69565.22	0.02000
2565	2597	2598	2663	2662	1	140.00	0.37	69565.22	69565.22	0.02000
2566	2598	2599	2664	2663	1	140.00	0.37	69565.22	69565.22	0.02000
2567	2599	2600	2665	2664	1	140.00	0.37	69565.22	69565.22	0.02000
2568	2600	2601	2666	2665	1	140.00	0.37	69565.22	69565.22	0.02000
2569	2601	2602	2667	2666	1	140.00	0.37	69565.22	69565.22	0.02000
2570	2602	2603	2668	2667	1	140.00	0.37	69565.22	69565.22	0.02000
2571	2603	2604	2669	2668	1	140.00	0.37	69565.22	69565.22	0.02000
2572	2604	2605	2670	2669	2	145.00	0.35	103751.55	103751.55	0.02000
2573	2605	2606	2671	2670	2	145.00	0.35	103751.55	103751.55	0.02000
2574	2606	2607	2672	2671	2	145.00	0.35	103751.55	103751.55	0.02000
2575	2607	2608	2673	2672	2	145.00	0.35	103751.55	103751.55	0.02000
2576	2608	2609	2674	2673	2	145.00	0.35	103751.55	103751.55	0.02000
2577	2609	2610	2675	2674	2	145.00	0.35	103751.55	103751.55	0.02000
2578	2610	2611	2676	2675	2	145.00	0.35	103751.55	103751.55	0.02000
2579	2611	2612	2677	2676	2	145.00	0.35	103751.55	103751.55	0.02000
2580	2612	2613	2678	2677	2	145.00	0.35	103751.55	103751.55	0.02000
2581	2613	2614	2679	2678	2	145.00	0.35	103751.55	103751.55	0.02000
2582	2614	2615	2680	2679	2	145.00	0.35	103751.55	103751.55	0.02000
2583	2615	2616	2681	2680	2	145.00	0.35	103751.55	103751.55	0.02000
2584	2616	2617	2682	2681	2	145.00	0.35	103751.55	103751.55	0.02000
2585	2617	2618	2683	2682	2	145.00	0.35	103751.55	103751.55	0.02000
2586	2618	2619	2684	2683	3	150.00	0.35	162150.38	162150.38	0.02000
2587	2619	2620	2685	2684	3	150.00	0.35	162150.38	162150.38	0.02000
2588	2620	2621	2686	2685	3	150.00	0.35	162150.38	162150.38	0.02000
2589	2621	2622	2687	2686	3	150.00	0.35	162150.38	162150.38	0.02000
2590	2622	2623	2688	2687	3	150.00	0.35	162150.38	162150.38	0.02000
2591	2623	2624	2689	2688	3	150.00	0.35	162150.38	162150.38	0.02000
2592	2624	2625	2690	2689	3	150.00	0.35	162150.38	162150.38	0.02000
2593	2625	2626	2691	2690	3	150.00	0.35	162150.38	162150.38	0.02000
2594	2626	2627	2692	2691	3	150.00	0.35	162150.38	162150.38	0.02000
2595	2627	2628	2693	2692	3	150.00	0.35	162150.38	162150.38	0.02000
2596	2628	2629	2694	2693	3	150.00	0.35	162150.38	162150.38	0.02000
2597	2629	2630	2695	2694	3	150.00	0.35	162150.38	162150.38	0.02000
2598	2630	2631	2696	2695	3	150.00	0.35	162150.38	162150.38	0.02000
2599	2631	2632	2697	2696	3	150.00	0.35	162150.38	162150.38	0.02000
2600	2632	2633	2698	2697	3	150.00	0.35	162150.38	162150.38	0.02000
2601	2633	2634	2699	2698	3	150.00	0.35	162150.38	162150.38	0.02000
2602	2634	2635	2700	2699	3	150.00	0.35	162150.38	162150.38	0.02000
2603	2635	2636	2701	2700	3	150.00	0.35	162150.38	162150.38	0.02000
2604	2636	2637	2702	2701	3	150.00	0.35	162150.38	162150.38	0.02000
2605	2637	2638	2703	2702	3	150.00	0.35	162150.38	162150.38	0.02000
2606	2638	2639	2704	2703	3	150.00	0.35	162150.38	162150.38	0.02000
2607	2639	2640	2705	2704	3	150.00	0.35	162150.38	162150.38	0.02000
2608	2640	2641	2706	2705	3	150.00	0.35	162150.38	162150.38	0.02000
2609	2641	2642	2707	2706	3	150.00	0.35	162150.38	162150.38	0.02000
2610	2642	2643	2708	2707	3	150.00	0.35	162150.38	162150.38	0.02000
2611	2643	2644	2709	2708	3	150.00	0.35	162150.38	162150.38	0.02000
2612	2644	2645	2710	2709	3	150.00	0.35	162150.38	162150.38	0.02000
2613	2645	2646	2711	2710	3	150.00	0.35	162150.38	162150.38	0.02000
2614	2713	2712	2647	2647	1	140.00	0.37	69565.22	69565.22	0.02000
2615	2647	2648	2714	2713	1	140.00	0.37	69565.22	69565.22	0.02000
2616	2648	2649	2715	2714	1	140.00	0.37	69565.22	69565.22	0.02000
2617	2649	2650	2716	2715	1	140.00	0.37	69565.22	69565.22	0.02000
2618	2650	2651	2717	2716	1	140.00	0.37	69565.22	69565.22	0.02000
2619	2651	2652	2718	2717	1	140.00	0.37	69565.22	69565.22	0.02000
2620	2652	2653	2719	2718	1	140.00	0.37	69565.22	69565.22	0.02000
2621	2653	2654	2720	2719	1	140.00	0.37	69565.22	69565.22	0.02000
2622	2654	2655	2721	2720	1	140.00	0.37	69565.22	69565.22	0.02000
2623	2655	2656	2722	2721	1	140.00	0.37	69565.22	69565.22	0.02000
2624	2656	2657	2723	2722	1	140.00	0.37	69565.22	69565.22	0.02000
2625	2657	2658	2724	2723	1	140.00	0.37	69565.22	69565.22	0.02000
2626	2658	2659	2725	2724	1	140.00	0.37	69565.22	69565.22	0.02000
2627	2659	2660	2726	2725	1	140.00	0.37	69565.22	69565.22	0.02000
2628	2660	2661	2727	2726	1	140.00	0.37	69565.22	69565.22	0.02000
2629	2661	2662	2728	2727	1	140.00	0.37	69565.22	69565.22	0.02000
2630	2662	2663	2729	2728	1	140.00	0.37	69565.22	69565.22	0.02000
2631	2663	2664	2730	2729	1	140.00	0.37	69565.22	69565.22	0.02000
2632	2664	2665	2731	2730	1	140.00	0.37	69565.22	69565.22	0.02000
2633	2665	2666	2732	2731	1	140.00	0.37	69565.22	69565.22	0.02000
2634	2666	2667	2733	2732	1	140.00	0.37	69565.22	69565.22	0.02000
2635	2667	2668	2734	2733	1	140.00	0.37	69565.22	69565.22	0.02000
2636	2668	2669	2735	2734	2	145.00	0.35	103751.55	103751.55	0.02000
2637	2669	2670	2736	2735	2	145.00	0.35	103751.55	103751.55	0.02000
2638	2670	2671	2737	2736	2	145.00	0.35	103751.55	103751.55	0.02000
2639	2671	2672	2738	2737	2	145.00	0.35	103751.55	103751.55	0.02000
2640	2672	2673	2739	2738	2	145.00	0.35	103751.55	103751.55	0.02000
2641	2673	2674	2740	2739	2	145.00	0.35	103751.55	103751.55	0.02000
2642	2674	2675	2741	2740	2	145.00	0.35	103751.55	103751.55	0.02000
2643	2675	2676	2742	2741	2	145.00	0.35	103751.55	103751.55	0.02000
2644	2676	2677	2743	2742	2	145.00	0.35	103751.55	103751.55	0.02000
2645	2677	2678	2744	2743	2	145.00	0.35	103751.55	103751.55	0.02000
2646	2678	2679	2745	2744	2	145.00	0.35	103751.55	103751.55	0.02000
2647	2679	2680	2746	2745	2	145.00	0.35	103751.55	103751.55	0.02000
2648	2680	2681	2747	2746	2	145.00	0.35	103751.55	103751.55	0.02000
2649	2681	2682	2748	2747	2	145.00	0.35	103751.55	103751.55	0.02000
2650	2682	2683	2749	2748	3	150.00	0.35	162150.38	162150.38	0.02000
2651	2683	2684	2750	2749	3	150.00	0.35	162150.38	162150.38	0.02000
2652	2684	2685	2751	2750	3	150.00	0.35	162150.38	162150.38	0.02000
2653	2685	2686	2752	2751	3	150.00	0.35	162150.38	162150.38	0.02000
2654	2686	2687	2753	2752	3	150.00	0.35	162150.38	162150.38	0.02000
2655	2687	2688	2754	2753	3	150.00	0.35	162150.38	162150.38	0.02000
2656	2688	2689	2755	2754	3	150.00	0.35	162150.38	162150.38	0.02000
2657	2689	2690	2756	2755	3	150.00	0.35	162150.38	162150.38	0.02000
2658	2690	2691	2757	2756	3	150.00	0.35	162150.38	162150.38	0.02000
2659	2691	2692	2758	2757	3	150.00	0.35	162150.38	162150.38	0.02000
2660	2692	2693	2759	2758	3	150.00	0.35	162150.38	162150.38	0.02000
2661	2693	2694	2760	2759	3	150.00	0.35	162150.38	162150.38	0.02000
2662	2694	2695	2761	2760	3	150.00	0.35	162150.38	162150.38	0.02000
2663	2695	2696	2762	2761	3	150.00	0.35	162150.38	162150.38	0.02000
2664	2696	2697	2763	2762	3	150.00	0.35	162150.38	162150.38	0.02000
2665	2697	2698	2764	2763	3	150.00	0.35	162150.38	162150.38	0.02000
2666	2698	2699	2765	2764	3	150.00	0.35	162150.38	162150.38	0.02000
2667	2699	2700	2766	2765	3	150.00	0.35	162150.38	162150.38	0.02000
2668	2700	2701	2767	2766	3	150.00	0.35	162150.38	162150.38	0.02000
2669	2701	2702	2768	2767	3	150.00	0.35	162150.38	162150.38	0.02000
2670	2702	2703	2769	2768	3	150.00	0.35	162150.38	162150.38	0.02000
2671	2703	2704	2770	2769	3	150.00	0.35	162150.38	162150.38	0.02000
2672	2704	2705	2771	2770	3	150.00	0.35	162150.38	162150.38	0.02000
2673	2705	2706	2772	2771	3	150.00	0.35	162150.38	162150.38	0.02000
2674	2706	2707	2773	2772	3	150.00	0.35	162150.38	162150.38	0.02000
2675	2707	2708	2774	2773	3	150.00	0.35	162150.38	162150.38	0.02000
2676	2708	2709	2775	2774	3	150.00	0.35	162150.38	162150.38	0.02000
2677	2709	2710	2776	2775	3	150.00	0.35	162150.38	162150.38	0.02000
2678	2710	2711	2777	2776	3	150.00	0.35	162150.38	162150.38	0.02000
2679	2779	2778	2712	2712	1	140.00	0.37	69565.22	69565.22	0.02000
2680	2712	2713	2780	2779	1	140.00	0.37	69565.22	69565.22	0.02000
2681	2713	2714	2781	2780	1	140.00	0.37	69565.22	69565.22	0.02000
2682	2714	2715	2782	2781	1	140.00	0.37	69565.22	69565.22	0.02000
2683	2715	2716	2783	2782	1	140.00	0.37	69565.22	69565.22	0.02000
2684	2716	2717	2784	2783	1	140.00	0.37	69565.22	69565.22	0.02000
2685	2717	2718	2785	2784	1	140.00	0.37.	69565.22	69565.22	0.02000
2686	2718	2719	2786	2785	1	140.00	0.37	69565.22	69565.22	0.02000
2687	2719	2720	2787	2786	1	140.00	0.37	69565.22	69565.22	0.02000
2688	2720	2721	2788	2787	1	140.00	0.37	69565.22	69565.22	0.02000
2689	2721	2722	2789	2788	1	140.00	0.37	69565.22	69565.22	0.02000
2690	2722	2723	2790	2789	1	140.00	0.37	69565.22	69565.22	0.02000
2691	2723	2724	2791	2790	1	140.00	0.37	69565.22	69565.22	0.02000
2692	2724	2725	2792	2791	1	140.00	0.37	69565.22	69565.22	0.02000
2693	2725	2726	2793	2792	1	140.00	0.37	69565.22	69565.22	0.02000
2694	2726	2727	2794	2793	1	140.00	0.37	69565.22	69565.22	0.02000
2695	2727	2728	2795	2794	1	140.00	0.37	69565.22	69565.22	0.02000
2696	2728	2729	2796	2795	1	140.00	0.37	69565.22	69565.22	0.02000
2697	2729	2730	2797	2796	1	140.00	0.37	69565.22	69565.22	0.02000
2698	2730	2731	2798	2797	1	140.00	0.37	69565.22	69565.22	0.02000
2699	2731	2732	2799	2798	1	140.00	0.37	69565.22	69565.22	0.02000
2700	2732	2733	2800	2799	1	140.00	0.37	69565.22	69565.22	0.02000
2701	2733	2734	2801	2800	2	145.00	0.35	103751.55	103751.55	0.02000
2702	2734	2735	2802	2801	2	145.00	0.35	103751.55	103751.55	0.02000
2703	2735	2736	2803	2802	2	145.00	0.35	103751.55	103751.55	0.02000
2704	2736	2737	2804	2803	2	145.00	0.35	103751.55	103751.55	0.02000
2705	2737	2738	2805	2804	2	145.00	0.35	103751.55	103751.55	0.02000
2706	2738	2739	2806	2805	2	145.00	0.35	103751.55	103751.55	0.02000
2707	2739	2740	2807	2806	2	145.00	0.35	103751.55	103751.55	0.02000
2708	2740	2741	2808	2807	2	145.00	0.35	103751.55	103751.55	0.02000
2709	2741	2742	2809	2808	2	145.00	0.35	103751.55	103751.55	0.02000
2710	2742	2743	2810	2809	2	145.00	0.35	103751.55	103751.55	0.02000
2711	2743	2744	2811	2810	2	145.00	0.35	103751.55	103751.55	0.02000
2712	2744	2745	2812	2811	2	145.00	0.35	103751.55	103751.55	0.02000
2713	2745	2746	2813	2812	2	145.00	0.35	103751.55	103751.55	0.02000
2714	2746	2747	2814	2813	2	145.00	0.35	103751.55	103751.55	0.02000
2715	2747	2748	2815	2814	2	145.00	0.35	103751.55	103751.55	0.02000
2716	2748	2749	2816	2815	3	150.00	0.35	162150.38	162150.38	0.02000
2717	2749	2750	2817	2816	3	150.00	0.35	162150.38	162150.38	0.02000
2718	2750	2751	2818	2817	3	150.00	0.35	162150.38	162150.38	0.02000
2719	2751	2752	2819	2818	3	150.00	0.35	162150.38	162150.38	0.02000
2720	2752	2753	2820	2819	3	150.00	0.35	162150.38	162150.38	0.02000
2721	2753	2754	2821	2820	3	150.00	0.35	162150.38	162150.38	0.02000
2722	2754	2755	2822	2821	3	150.00	0.35	162150.38	162150.38	0.02000
2723	2755	2756	2823	2822	3	150.00	0.35	162150.38	162150.38	0.02000
2724	2756	2757	2824	2823	3	150.00	0.35	162150.38	162150.38	0.02000
2725	2757	2758	2825	2824	3	150.00	0.35	162150.38	162150.38	0.02000
2726	2758	2759	2826	2825	3	150.00	0.35	162150.38	162150.38	0.02000
2727	2759	2760	2827	2826	3	150.00	0.35	162150.38	162150.38	0.02000
2728	2760	2761	2828	2827	3	150.00	0.35	162150.38	162150.38	0.02000
2729	2761	2762	2829	2828	3	150.00	0.35	162150.38	162150.38	0.02000
2730	2762	2763	2830	2829	3	150.00	0.35	162150.38	162150.38	0.02000
2731	2763	2764	2831	2830	3	150.00	0.35	162150.38	162150.38	0.02000
2732	2764	2765	2832	2831	3	150.00	0.35	162150.38	162150.38	0.02000
2733	2765	2766	2833	2832	3	150.00	0.35	162150.38	162150.38	0.02000
2734	2766	2767	2834	2833	3	150.00	0.35	162150.38	162150.38	0.02000
2735	2767	2768	2835	2834	3	150.00	0.35	162150.38	162150.38	0.02000
2736	2768	2769	2836	2835	3	150.00	0.35	162150.38	162150.38	0.02000
2737	2769	2770	2837	2836	3	150.00	0.35	162150.38	162150.38	0.02000
2738	2770	2771	2838	2837	3	150.00	0.35	162150.38	162150.38	0.02000
2739	2771	2772	2839	2838	3	150.00	0.35	162150.38	162150.38	0.02000
2740	2772	2773	2840	2839	3	150.00	0.35	162150.38	162150.38	0.02000
2741	2773	2774	2841	2840	3	150.00	0.35	162150.38	162150.38	0.02000
2742	2774	2775	2842	2841	3	150.00	0.35	162150.38	162150.38	0.02000
2743	2775	2776	2843	2842	3	150.00	0.35	162150.38	162150.38	0.02000
2744	2776	2777	2844	2843	3	150.00	0.35	162150.38	162150.38	0.02000
2745	2846	2845	2778	2778	1	140.00	0.37	69565.22	69565.22	0.02000
2746	2778	2779	2847	2846	1	140.00	0.37	69565.22	69565.22	0.02000
2747	2779	2780	2848	2847	1	140.00	0.37	69565.22	69565.22	0.02000
2748	2780	2781	2849	2848	1	140.00	0.37	69565.22	69565.22	0.02000
2749	2781	2782	2850	2849	1	140.00	0.37	69565.22	69565.22	0.02000
2750	2782	2783	2851	2850	1	140.00	0.37	69565.22	69565.22	0.02000
2751	2783	2784	2852	2851	1	140.00	0.37	69565.22	69565.22	0.02000
2752	2784	2785	2853	2852	1	140.00	0.37	69565.22	69565.22	0.02000
2753	2785	2786	2854	2853	1	140.00	0.37	69565.22	69565.22	0.02000
2754	2786	2787	2855	2854	1	140.00	0.37	69565.22	69565.22	0.02000
2755	2787	2788	2856	2855	1	140.00	0.37	69565.22	69565.22	0.02000
2756	2788	2789	2857	2856	1	140.00	0.37	69565.22	69565.22	0.02000

2757	2789	2790	2858	2857	1	140.00	0.37	69565.22	69565.22	0.02000
2758	2790	2791	2859	2858	1	140.00	0.37	69565.22	69565.22	0.02000
2759	2791	2792	2860	2859	1	140.00	0.37	69565.22	69565.22	0.02000
2760	2792	2793	2861	2860	1	140.00	0.37	69565.22	69565.22	0.02000
2761	2793	2794	2862	2861	1	140.00	0.37	69565.22	69565.22	0.02000
2762	2794	2795	2863	2862	1	140.00	0.37	69565.22	69565.22	0.02000
2763	2795	2796	2864	2863	1	140.00	0.37	69565.22	69565.22	0.02000
2764	2796	2797	2865	2864	1	140.00	0.37	69565.22	69565.22	0.02000
2765	2797	2798	2866	2865	1	140.00	0.37	69565.22	69565.22	0.02000
2766	2798	2799	2867	2866	1	140.00	0.37	69565.22	69565.22	0.02000
2767	2799	2800	2868	2867	2	145.00	0.35	103751.55	103751.55	0.02000
2768	2800	2801	2869	2868	2	145.00	0.35	103751.55	103751.55	0.02000
2769	2801	2802	2870	2869	2	145.00	0.35	103751.55	103751.55	0.02000
2770	2802	2803	2871	2870	2	145.00	0.35	103751.55	103751.55	0.02000
2771	2803	2804	2872	2871	2	145.00	0.35	103751.55	103751.55	0.02000
2772	2804	2805	2873	2872	2	145.00	0.35	103751.55	103751.55	0.02000
2773	2805	2806	2874	2873	2	145.00	0.35	103751.55	103751.55	0.02000
2774	2806	2807	2875	2874	2	145.00	0.35	103751.55	103751.55	0.02000
2775	2807	2808	2876	2875	2	145.00	0.35	103751.55	103751.55	0.02000
2776	2808	2809	2877	2876	2	145.00	0.35	103751.55	103751.55	0.02000
2777	2809	2810	2878	2877	2	145.00	0.35	103751.55	103751.55	0.02000
2778	2810	2811	2879	2878	2	145.00	0.35	103751.55	103751.55	0.02000
2779	2811	2812	2880	2879	2	145.00	0.35	103751.55	103751.55	0.02000
2780	2812	2813	2881	2880	2	145.00	0.35	103751.55	103751.55	0.02000
2781	2813	2814	2882	2881	3	150.00	0.35	162150.38	162150.38	0.02000
2782	2814	2815	2883	2882	3	150.00	0.35	162150.38	162150.38	0.02000
2783	2815	2816	2884	2883	3	150.00	0.35	162150.38	162150.38	0.02000
2784	2816	2817	2885	2884	3	150.00	0.35	162150.38	162150.38	0.02000
2785	2817	2818	2886	2885	3	150.00	0.35	162150.38	162150.38	0.02000
2786	2818	2819	2887	2886	3	150.00	0.35	162150.38	162150.38	0.02000
2787	2819	2820	2888	2887	3	150.00	0.35	162150.38	162150.38	0.02000
2788	2820	2821	2889	2888	3	150.00	0.35	162150.38	162150.38	0.02000
2789	2821	2822	2890	2889	3	150.00	0.35	162150.38	162150.38	0.02000
2790	2822	2823	2891	2890	3	150.00	0.35	162150.38	162150.38	0.02000
2791	2823	2824	2892	2891	3	150.00	0.35	162150.38	162150.38	0.02000
2792	2824	2825	2893	2892	3	150.00	0.35	162150.38	162150.38	0.02000
2793	2825	2826	2894	2893	3	150.00	0.35	162150.38	162150.38	0.02000
2794	2826	2827	2895	2894	3	150.00	0.35	162150.38	162150.38	0.02000
2795	2827	2828	2896	2895	3	150.00	0.35	162150.38	162150.38	0.02000
2796	2828	2829	2897	2896	3	150.00	0.35	162150.38	162150.38	0.02000
2797	2829	2830	2898	2897	3	150.00	0.35	162150.38	162150.38	0.02000
2798	2830	2831	2899	2898	3	150.00	0.35	162150.38	162150.38	0.02000
2799	2831	2832	2900	2899	3	150.00	0.35	162150.38	162150.38	0.02000
2800	2832	2833	2901	2900	3	150.00	0.35	162150.38	162150.38	0.02000
2801	2833	2834	2902	2901	3	150.00	0.35	162150.38	162150.38	0.02000
2802	2834	2835	2903	2902	3	150.00	0.35	162150.38	162150.38	0.02000
2803	2835	2836	2904	2903	3	150.00	0.35	162150.38	162150.38	0.02000
2804	2836	2837	2905	2904	3	150.00	0.35	162150.38	162150.38	0.02000
2805	2837	2838	2906	2905	3	150.00	0.35	162150.38	162150.38	0.02000
2806	2838	2839	2907	2906	3	150.00	0.35	162150.38	162150.38	0.02000
2807	2839	2840	2908	2907	3	150.00	0.35	162150.38	162150.38	0.02000
2808	2840	2841	2909	2908	3	150.00	0.35	162150.38	162150.38	0.02000
2809	2841	2842	2910	2909	3	150.00	0.35	162150.38	162150.38	0.02000
2810	2842	2843	2911	2910	3	150.00	0.35	162150.38	162150.38	0.02000
2811	2843	2844	2912	2911	3	150.00	0.35	162150.38	162150.38	0.02000
2812	2914	2913	2845	2845	1	140.00	0.37	69565.22	69565.22	0.02000
2813	2845	2846	2915	2914	1	140.00	0.37	69565.22	69565.22	0.02000
2814	2846	2847	2916	2915	1	140.00	0.37	69565.22	69565.22	0.02000
2815	2847	2848	2917	2916	1	140.00	0.37	69565.22	69565.22	0.02000
2816	2848	2849	2918	2917	1	140.00	0.37	69565.22	69565.22	0.02000
2817	2849	2850	2919	2918	1	140.00	0.37	69565.22	69565.22	0.02000
2818	2850	2851	2920	2919	1	140.00	0.37	69565.22	69565.22	0.02000
2819	2851	2852	2921	2920	1	140.00	0.37	69565.22	69565.22	0.02000
2820	2852	2853	2922	2921	1	140.00	0.37	69565.22	69565.22	0.02000
2821	2853	2854	2923	2922	1	140.00	0.37	69565.22	69565.22	0.02000
2822	2854	2855	2924	2923	1	140.00	0.37	69565.22	69565.22	0.02000
2823	2855	2856	2925	2924	1	140.00	0.37	69565.22	69565.22	0.02000
2824	2856	2857	2926	2925	1	140.00	0.37	69565.22	69565.22	0.02000
2825	2857	2858	2927	2926	1	140.00	0.37	69565.22	69565.22	0.02000
2826	2858	2859	2928	2927	1	140.00	0.37	69565.22	69565.22	0.02000
2827	2859	2860	2929	2928	1	140.00	0.37	69565.22	69565.22	0.02000
2828	2860	2861	2930	2929	1	140.00	0.37	69565.22	69565.22	0.02000
2829	2861	2862	2931	2930	1	140.00	0.37	69565.22	69565.22	0.02000
2830	2862	2863	2932	2931	1	140.00	0.37	69565.22	69565.22	0.02000
2831	2863	2864	2933	2932	1	140.00	0.37	69565.22	69565.22	0.02000
2832	2864	2865	2934	2933	1	140.00	0.37	69565.22	69565.22	0.02000
2833	2865	2866	2935	2934	2	145.00	0.35	103751.55	103751.55	0.02000
2834	2866	2867	2936	2935	2	145.00	0.35	103751.55	103751.55	0.02000
2835	2867	2868	2937	2936	2	145.00	0.35	103751.55	103751.55	0.02000
2836	2868	2869	2938	2937	2	145.00	0.35	103751.55	103751.55	0.02000
2837	2869	2870	2939	2938	2	145.00	0.35	103751.55	103751.55	0.02000
2838	2870	2871	2940	2939	2	145.00	0.35	103751.55	103751.55	0.02000
2839	2871	2872	2941	2940	2	145.00	0.35	103751.55	103751.55	0.02000
2840	2872	2873	2942	2941	2	145.00	0.35	103751.55	103751.55	0.02000
2841	2873	2874	2943	2942	2	145.00	0.35	103751.55	103751.55	0.02000
2842	2874	2875	2944	2943	2	145.00	0.35	103751.55	103751.55	0.02000
2843	2875	2876	2945	2944	2	145.00	0.35	103751.55	103751.55	0.02000
2844	2876	2877	2946	2945	2	145.00	0.35	103751.55	103751.55	0.02000
2845	2877	2878	2947	2946	2	145.00	0.35	103751.55	103751.55	0.02000
2846	2878	2879	2948	2947	2	145.00	0.35	103751.55	103751.55	0.02000
2847	2879	2880	2949	2948	3	150.00	0.35	162150.38	162150.38	0.02000
2848	2880	2881	2950	2949	3	150.00	0.35	162150.38	162150.38	0.02000
2849	2881	2882	2951	2950	3	150.00	0.35	162150.38	162150.38	0.02000
2850	2882	2883	2952	2951	3	150.00	0.35	162150.38	162150.38	0.02000
2851	2883	2884	2953	2952	3	150.00	0.35	162150.38	162150.38	0.02000
2852	2884	2885	2954	2953	3	150.00	0.35	162150.38	162150.38	0.02000
2853	2885	2886	2955	2954	3	150.00	0.35	162150.38	162150.38	0.02000
2854	2886	2887	2956	2955	3	150.00	0.35	162150.38	162150.38	0.02000
2855	2887	2888	2957	2956	3	150.00	0.35	162150.38	162150.38	0.02000
2856	2888	2889	2958	2957	3	150.00	0.35	162150.38	162150.38	0.02000
2857	2889	2890	2959	2958	3	150.00	0.35	162150.38	162150.38	0.02000
2858	2890	2891	2960	2959	3	150.00	0.35	162150.38	162150.38	0.02000
2859	2891	2892	2961	2960	3	150.00	0.35	162150.38	162150.38	0.02000
2860	2892	2893	2962	2961	3	150.00	0.35	162150.38	162150.38	0.02000
2861	2893	2894	2963	2962	3	150.00	0.35	162150.38	162150.38	0.02000
2862	2894	2895	2964	2963	3	150.00	0.35	162150.38	162150.38	0.02000
2863	2895	2896	2965	2964	3	150.00	0.35	162150.38	162150.38	0.02000
2864	2896	2897	2966	2965	3	150.00	0.35	162150.38	162150.38	0.02000
2865	2897	2898	2967	2966	3	150.00	0.35	162150.38	162150.38	0.02000
2866	2898	2899	2968	2967	3	150.00	0.35	162150.38	162150.38	0.02000
2867	2899	2900	2969	2968	3	150.00	0.35	162150.38	162150.38	0.02000
2868	2900	2901	2970	2969	3	150.00	0.35	162150.38	162150.38	0.02000
2869	2901	2902	2971	2970	3	150.00	0.35	162150.38	162150.38	0.02000
2870	2902	2903	2972	2971	3	150.00	0.35	162150.38	162150.38	0.02000
2871	2903	2904	2973	2972	3	150.00	0.35	162150.38	162150.38	0.02000
2872	2904	2905	2974	2973	3	150.00	0.35	162150.38	162150.38	0.02000
2873	2905	2906	2975	2974	3	150.00	0.35	162150.38	162150.38	0.02000
2874	2906	2907	2976	2975	3	150.00	0.35	162150.38	162150.38	0.02000
2875	2907	2908	2977	2976	3	150.00	0.35	162150.38	162150.38	0.02000
2876	2908	2909	2978	2977	3	150.00	0.35	162150.38	162150.38	0.02000
2877	2909	2910	2979	2978	3	150.00	0.35	162150.38	162150.38	0.02000
2878	2910	2911	2980	2979	3	150.00	0.35	162150.38	162150.38	0.02000
2879	2911	2912	2981	2980	3	150.00	0.35	162150.38	162150.38	0.02000
2880	2983	2982	2913	2913	1	140.00	0.37	69565.22	69565.22	0.02000
2881	2913	2914	2984	2983	1	140.00	0.37	69565.22	69565.22	0.02000
2882	2914	2915	2985	2984	1	140.00	0.37	69565.22	69565.22	0.02000
2883	2915	2916	2986	2985	1	140.00	0.37	69565.22	69565.22	0.02000
2884	2916	2917	2987	2986	1	140.00	0.37	69565.22	69565.22	0.02000
2885	2917	2918	2988	2987	1	140.00	0.37	69565.22	69565.22	0.02000
2886	2918	2919	2989	2988	1	140.00	0.37	69565.22	69565.22	0.02000
2887	2919	2920	2990	2989	1	140.00	0.37	69565.22	69565.22	0.02000
2888	2920	2921	2991	2990	1	140.00	0.37	69565.22	69565.22	0.02000
2889	2921	2922	2992	2991	1	140.00	0.37	69565.22	69565.22	0.02000
2890	2922	2923	2993	2992	1	140.00	0.37	69565.22	69565.22	0.02000
2891	2923	2924	2994	2993	1	140.00	0.37	69565.22	69565.22	0.02000
2892	2924	2925	2995	2994	1	140.00	0.37	69565.22	69565.22	0.02000
2893	2925	2926	2996	2995	1	140.00	0.37	69565.22	69565.22	0.02000
2894	2926	2927	2997	2996	1	140.00	0.37	69565.22	69565.22	0.02000
2895	2927	2928	2998	2997	1	140.00	0.37	69565.22	69565.22	0.02000
2896	2928	2929	2999	2998	1	140.00	0.37	69565.22	69565.22	0.02000
2897	2929	2930	3000	2999	1	140.00	0.37	69565.22	69565.22	0.02000
2898	2930	2931	3001	3000	1	140.00	0.37	69565.22	69565.22	0.02000
2899	2931	2932	3002	3001	1	140.00	0.37	69565.22	69565.22	0.02000
2900	2932	2933	3003	3002	2	145.00	0.35	103751.55	103751.55	0.02000
2901	2933	2934	3004	3003	2	145.00	0.35	103751.55	103751.55	0.02000
2902	2934	2935	3005	3004	2	145.00	0.35	103751.55	103751.55	0.02000
2903	2935	2936	3006	3005	2	145.00	0.35	103751.55	103751.55	0.02000
2904	2936	2937	3007	3006	2	145.00	0.35	103751.55	103751.55	0.02000
2905	2937	2938	3008	3007	2	145.00	0.35	103751.55	103751.55	0.02000
2906	2938	2939	3009	3008	2	145.00	0.35	103751.55	103751.55	0.02000
2907	2939	2940	3010	3009	2	145.00	0.35	103751.55	103751.55	0.02000
2908	2940	2941	3011	3010	2	145.00	0.35	103751.55	103751.55	0.02000
2909	2941	2942	3012	3011	2	145.00	0.35	103751.55	103751.55	0.02000
2910	2942	2943	3013	3012	2	145.00	0.35	103751.55	103751.55	0.02000
2911	2943	2944	3014	3013	2	145.00	0.35	103751.55	103751.55	0.02000
2912	2944	2945	3015	3014	2	145.00	0.35	103751.55	103751.55	0.02000
2913	2945	2946	3016	3015	2	145.00	0.35	103751.55	103751.55	0.02000
2914	2946	2947	3017	3016	3	150.00	0.35	162150.38	162150.38	0.02000
2915	2947	2948	3018	3017	3	150.00	0.35	162150.38	162150.38	0.02000
2916	2948	2949	3019	3018	3	150.00	0.35	162150.38	162150.38	0.02000
2917	2949	2950	3020	3019	3	150.00	0.35	162150.38	162150.38	0.02000
2918	2950	2951	3021	3020	3	150.00	0.35	162150.38	162150.38	0.02000
2919	2951	2952	3022	3021	3	150.00	0.35	162150.38	162150.38	0.02000
2920	2952	2953	3023	3022	3	150.00	0.35	162150.38	162150.38	0.02000
2921	2953	2954	3024	3023	3	150.00	0.35	162150.38	162150.38	0.02000
2922	2954	2955	3025	3024	3	150.00	0.35	162150.38	162150.38	0.02000
2923	2955	2956	3026	3025	3	150.00	0.35	162150.38	162150.38	0.02000
2924	2956	2957	3027	3026	3	150.00	0.35	162150.38	162150.38	0.02000
2925	2957	2958	3028	3027	3	150.00	0.35	162150.38	162150.38	0.02000
2926	2958	2959	3029	3028	3	150.00	0.35	162150.38	162150.38	0.02000
2927	2959	2960	3030	3029	3	150.00	0.35	162150.38	162150.38	0.02000
2928	2960	2961	3031	3030	3	150.00	0.35	162150.38	162150.38	0.02000
2929	2961	2962	3032	3031	3	150.00	0.35	162150.38	162150.38	0.02000
2930	2962	2963	3033	3032	3	150.00	0.35	162150.38	162150.38	0.02000
2931	2963	2964	3034	3033	3	150.00	0.35	162150.38	162150.38	0.02000
2932	2964	2965	3035	3034	3	150.00	0.35	162150.38	162150.38	0.02000
2933	2965	2966	3036	3035	3	150.00	0.35	162150.38	162150.38	0.02000
2934	2966	2967	3037	3036	3	150.00	0.35	162150.38	162150.38	0.02000
2935	2967	2968	3038	3037	3	150.00	0.35	162150.38	162150.38	0.02000
2936	2968	2969	3039	3038	3	150.00	0.35	162150.38	162150.38	0.02000
2937	2969	2970	3040	3039	3	150.00	0.35	162150.38	162150.38	0.02000
2938	2970	2971	3041	3040	3	150.00	0.35	162150.38	162150.38	0.02000
2939	2971	2972	3042	3041	3	150.00	0.35	162150.38	162150.38	0.02000
2940	2972	2973	3043	3042	3	150.00	0.35	162150.38	162150.38	0.02000
2941	2973	2974	3044	3043	3	150.00	0.35	162150.38	162150.38	0.02000
2942	2974	2975	3045	3044	3	150.00	0.35	162150.38	162150.38	0.02000
2943	2975	2976	3046	3045	3	150.00	0.35	162150.38	162150.38	0.02000
2944	2976	2977	3047	3046	3	150.00	0.35	162150.38	162150.38	0.02000
2945	2977	2978	3048	3047	3	150.00	0.35	162150.38	162150.38	0.02000
2946	2978	2979	3049	3048	3	150.00	0.35	162150.38	162150.38	0.02000
2947	2979	2980	3050	3049	3	150.00	0.35	162150.38	162150.38	0.02000
2948	2980	2981	3051	3050	3	150.00	0.35	162150.38	162150.38	0.02000
2949	3053	3052	2982	2982	1	140.00	0.37	69565.22	69565.22	0.02000
2950	2982	2983	3054	3053	1	140.00	0.37	69565.22	69565.22	0.02000
2951	2983	2984	3055	3054	1	140.00	0.37	69565.22	69565.22	0.02000
2952	2984	2985	3056	3055	1	140.00	0.37	69565.22	69565.22	0.02000
2953	2985	2986	3057	3056	1	140.00	0.37	69565.22	69565.22	0.02000
2954	2986	2987	3058	3057	1	140.00	0.37	69565.22	69565.22	0.02000
2955	2987	2988	3059	3058	1	140.00	0.37	69565.22	69565.22	0.02000
2956	2988	2989	3060	3059	1	140.00	0.37	69565.22	69565.22	0.02000
2957	2989	2990	3061	3060	1	140.00	0.37	69565.22	69565.22	0.02000
2958	2990	2991	3062	3061	1	140.00	0.37	69565.22	69565.22	0.02000
2959	2991	2992	3063	3062	1	140.00	0.37	69565.22	69565.22	0.02000
2960	2992	2993	3064	3063	1	140.00	0.37	69565.22	69565.22	0.02000
2961	2993	2994	3065	3064	1	140.00	0.37	69565.22	69565.22	0.02000
2962	2994	2995	3066	3065	1	140.00	0.37	69565.22	69565.22	0.02000
2963	2995	2996	3067	3066	1	140.00	0.37	69565.22	69565.22	0.02000
2964	2996	2997	3068	3067	1	140.00	0.37	69565.22	69565.22	0.02000
2965	2997	2998	3069	3068	1	140.00	0.37	69565.22	69565.22	0.02000
2966	2998	2999	3070	3069	1	140.00	0.37	69565.22	69565.22	0.02000
2967	2999	3000	3071	3070	1	140.00	0.37	69565.22	69565.22	0.02000
2968	3000	3001	3072	3071	1	140.00	0.37	69565.22	69565.22	0.02000
2969	3001	3002	3073	3072	2	145.00	0.35	103751.55	103751.55	0.02000
2970	3002	3003	3074	3073	2	145.00	0.35	103751.55	103751.55	0.02000
2971	3003	3004	3075	3074	2	145.00	0.35	103751.55	103751.55	0.02000
2972	3004	3005	3076	3075	2	145.00	0.35	103751.55	103751.55	0.02000
2973	3005	3006	3077	3076	2	145.00	0.35	103751.55	103751.55	0.02000
2974	3006	3007	3078	3077	2	145.00	0.35	103751.55	103751.55	0.02000
2975	3007	3008	3079	3078	2	145.00	0.35	103751.55	103751.55	0.02000
2976	3008	3009	3080	3079	2	145.00	0.35	103751.55	103751.55	0.02000
2977	3009	3010	3081	3080	2	145.00	0.35	103751.55	103751.55	0.02000
2978	3010	3011	3082	3081	2	145.00	0.35	103751.55	103751.55	0.02000
2979	3011	3012	3083	3082	2	145.00	0.35	103751.55	103751.55	0.02000
2980	3012	3013	3084	3083	2	145.00	0.35	103751.55	103751.55	0.02000
2981	3013	3014	3085	3084	2	145.00	0.35	103751.55	103751.55	0.02000
2982	3014	3015	3086	3085	3	150.00	0.35	162150.38	162150.38	0.02000
2983	3015	3016	3087	3086	3	150.00	0.35	162150.38	162150.38	0.02000
2984	3016	3017	3088	3087	3	150.00	0.35	162150.38	162150.38	0.02000
2985	3017	3018	3089	3088	3	150.00	0.35	162150.38	162150.38	0.02000
2986	3018	3019	3090	3089	3	150.00	0.35	162150.38	162150.38	0.02000
2987	3019	3020	3091	3090	3	150.00	0.35	162150.38	162150.38	0.02000
2988	3020	3021	3092	3091	3	150.00	0.35	162150.38	162150.38	0.02000
2989	3021	3022	3093	3092	3	150.00	0.35	162150.38	162150.38	0.02000
2990	3022	3023	3094	3093	3	150.00	0.35	162150.38	162150.38	0.02000
2991	3023	3024	3095	3094	3	150.00	0.35	162150.38	162150.38	0.02000
2992	3024	3025	3096	3095	3	150.00	0.35	162150.38	162150.38	0.02000
2993	3025	3026	3097	3096	3	150.00	0.35	162150.38	162150.38	0.02000
2994	3026	3027	3098	3097	3	150.00	0.35	162150.38	162150.38	0.02000
2995	3027	3028	3099	3098	3	150.00	0.35	162150.38	162150.38	0.02000
2996	3028	3029	3100	3099	3	150.00	0.35	162150.38	162150.38	0.02000
2997	3029	3030	3101	3100	3	150.00	0.35	162150.38	162150.38	0.02000
2998	3030	3031	3102	3101	3	150.00	0.35	162150.38	162150.38	0.02000
2999	3031	3032	3103	3102	3	150.00	0.35	162150.38	162150.38	0.02000
3000	3032	3033	3104	3103	3	150.00	0.35	162150.38	162150.38	0.02000
3001	3033	3034	3105	3104	3	150.00	0.35	162150.38	162150.38	0.02000
3002	3034	3035	3106	3105	3	150.00	0.35	162150.38	162150.38	0.02000
3003	3035	3036	3107	3106	3	150.00	0.35	162150.38	162150.38	0.02000
3004	3036	3037	3108	3107	3	150.00	0.35	162150.38	162150.38	0.02000
3005	3037	3038	3109	3108	3	150.00	0.35	162150.38	162150.38	0.02000
3006	3038	3039	3110	3109	3	150.00	0.35	162150.38	162150.38	0.02000
3007	3039	3040	3111	3110	3	150.00	0.35	162150.38	162150.38	0.02000
3008	3040	3041	3112	3111	3	150.00	0.35	162150.38	162150.38	0.02000
3009	3041	3042	3113	3112	3	150.00	0.35	162150.38	162150.38	0.02000
3010	3042	3043	3114	3113	3	150.00	0.35	162150.38	162150.38	0.02000

3011	3043	3044	3115	3114	3	150.00	0.35	162150.38	162150.38	0.02000
3012	3044	3045	3116	3115	3	150.00	0.35	162150.38	162150.38	0.02000
3013	3045	3046	3117	3116	3	150.00	0.35	162150.38	162150.38	0.02000
3014	3046	3047	3118	3117	3	150.00	0.35	162150.38	162150.38	0.02000
3015	3047	3048	3119	3118	3	150.00	0.35	162150.38	162150.38	0.02000
3016	3048	3049	3120	3119	3	150.00	0.35	162150.38	162150.38	0.02000
3017	3049	3050	3121	3120	3	150.00	0.35	162150.38	162150.38	0.02000
3018	3050	3051	3122	3121	3	150.00	0.35	162150.38	162150.38	0.02000
3019	3124	3123	3052	3052	1	140.00	0.37	69565.22	69565.22	0.02000
3020	3052	3053	3125	3124	1	140.00	0.37	69565.22	69565.22	0.02000
3021	3053	3054	3126	3125	1	140.00	0.37	69565.22	69565.22	0.02000
3022	3054	3055	3127	3126	1	140.00	0.37	69565.22	69565.22	0.02000
3023	3055	3056	3128	3127	1	140.00	0.37	69565.22	69565.22	0.02000
3024	3056	3057	3129	3128	1	140.00	0.37	69565.22	69565.22	0.02000
3025	3057	3058	3130	3129	1	140.00	0.37	69565.22	69565.22	0.02000
3026	3058	3059	3131	3130	1	140.00	0.37	69565.22	69565.22	0.02000
3027	3059	3060	3132	3131	1	140.00	0.37	69565.22	69565.22	0.02000
3028	3060	3061	3133	3132	1	140.00	0.37	69565.22	69565.22	0.02000
3029	3061	3062	3134	3133	1	140.00	0.37	69565.22	69565.22	0.02000
3030	3062	3063	3135	3134	1	140.00	0.37	69565.22	69565.22	0.02000
3031	3063	3064	3136	3135	1	140.00	0.37	69565.22	69565.22	0.02000
3032	3064	3065	3137	3136	1	140.00	0.37	69565.22	69565.22	0.02000
3033	3065	3066	3138	3137	1	140.00	0.37	69565.22	69565.22	0.02000
3034	3066	3067	3139	3138	1	140.00	0.37	69565.22	69565.22	0.02000
3035	3067	3068	3140	3139	1	140.00	0.37	69565.22	69565.22	0.02000
3036	3068	3069	3141	3140	1	140.00	0.37	69565.22	69565.22	0.02000
3037	3069	3070	3142	3141	1	140.00	0.37	69565.22	69565.22	0.02000
3038	3070	3071	3143	3142	2	145.00	0.35	103751.55	103751.55	0.02000
3039	3071	3072	3144	3143	2	145.00	0.35	103751.55	103751.55	0.02000
3040	3072	3073	3145	3144	2	145.00	0.35	103751.55	103751.55	0.02000
3041	3073	3074	3146	3145	2	145.00	0.35	103751.55	103751.55	0.02000
3042	3074	3075	3147	3146	2	145.00	0.35	103751.55	103751.55	0.02000
3043	3075	3076	3148	3147	2	145.00	0.35	103751.55	103751.55	0.02000
3044	3076	3077	3149	3148	2	145.00	0.35	103751.55	103751.55	0.02000
3045	3077	3078	3150	3149	2	145.00	0.35	103751.55	103751.55	0.02000
3046	3078	3079	3151	3150	2	145.00	0.35	103751.55	103751.55	0.02000
3047	3079	3080	3152	3151	2	145.00	0.35	103751.55	103751.55	0.02000
3048	3080	3081	3153	3152	2	145.00	0.35	103751.55	103751.55	0.02000
3049	3081	3082	3154	3153	2	145.00	0.35	103751.55	103751.55	0.02000
3050	3082	3083	3155	3154	2	145.00	0.35	103751.55	103751.55	0.02000
3051	3083	3084	3156	3155	2	145.00	0.35	103751.55	103751.55	0.02000
3052	3084	3085	3157	3156	3	150.00	0.35	162150.38	162150.38	0.02000
3053	3085	3086	3158	3157	3	150.00	0.35	162150.38	162150.38	0.02000
3054	3086	3087	3159	3158	3	150.00	0.35	162150.38	162150.38	0.02000
3055	3087	3088	3160	3159	3	150.00	0.35	162150.38	162150.38	0.02000
3056	3088	3089	3161	3160	3	150.00	0.35	162150.38	162150.38	0.02000
3057	3089	3090	3162	3161	3	150.00	0.35	162150.38	162150.38	0.02000
3058	3090	3091	3163	3162	3	150.00	0.35	162150.38	162150.38	0.02000
3059	3091	3092	3164	3163	3	150.00	0.35	162150.38	162150.38	0.02000
3060	3092	3093	3165	3164	3	150.00	0.35	162150.38	162150.38	0.02000
3061	3093	3094	3166	3165	3	150.00	0.35	162150.38	162150.38	0.02000
3062	3094	3095	3167	3166	3	150.00	0.35	162150.38	162150.38	0.02000
3063	3095	3096	3168	3167	3	150.00	0.35	162150.38	162150.38	0.02000
3064	3096	3097	3169	3168	3	150.00	0.35	162150.38	162150.38	0.02000
3065	3097	3098	3170	3169	3	150.00	0.35	162150.38	162150.38	0.02000
3066	3098	3099	3171	3170	3	150.00	0.35	162150.38	162150.38	0.02000
3067	3099	3100	3172	3171	3	150.00	0.35	162150.38	162150.38	0.02000
3068	3100	3101	3173	3172	3	150.00	0.35	162150.38	162150.38	0.02000
3069	3101	3102	3174	3173	3	150.00	0.35	162150.38	162150.38	0.02000
3070	3102	3103	3175	3174	3	150.00	0.35	162150.38	162150.38	0.02000
3071	3103	3104	3176	3175	3	150.00	0.35	162150.38	162150.38	0.02000
3072	3104	3105	3177	3176	3	150.00	0.35	162150.38	162150.38	0.02000
3073	3105	3106	3178	3177	3	150.00	0.35	162150.38	162150.38	0.02000
3074	3106	3107	3179	3178	3	150.00	0.35	162150.38	162150.38	0.02000
3075	3107	3108	3180	3179	3	150.00	0.35	162150.38	162150.38	0.02000
3076	3108	3109	3181	3180	3	150.00	0.35	162150.38	162150.38	0.02000
3077	3109	3110	3182	3181	3	150.00	0.35	162150.38	162150.38	0.02000
3078	3110	3111	3183	3182	3	150.00	0.35	162150.38	162150.38	0.02000
3079	3111	3112	3184	3183	3	150.00	0.35	162150.38	162150.38	0.02000
3080	3112	3113	3185	3184	3	150.00	0.35	162150.38	162150.38	0.02000
3081	3113	3114	3186	3185	3	150.00	0.35	162150.38	162150.38	0.02000
3082	3114	3115	3187	3186	3	150.00	0.35	162150.38	162150.38	0.02000
3083	3115	3116	3188	3187	3	150.00	0.35	162150.38	162150.38	0.02000
3084	3116	3117	3189	3188	3	150.00	0.35	162150.38	162150.38	0.02000
3085	3117	3118	3190	3189	3	150.00	0.35	162150.38	162150.38	0.02000
3086	3118	3119	3191	3190	3	150.00	0.35	162150.38	162150.38	0.02000
3087	3119	3120	3192	3191	3	150.00	0.35	162150.38	162150.38	0.02000
3088	3120	3121	3193	3192	3	150.00	0.35	162150.38	162150.38	0.02000
3089	3121	3122	3194	3193	3	150.00	0.35	162150.38	162150.38	0.02000
3090	3196	3195	3123	3123	1	140.00	0.37	69565.22	69565.22	0.02000
3091	3123	3124	3197	3196	1	140.00	0.37	69565.22	69565.22	0.02000
3092	3124	3125	3198	3197	1	140.00	0.37	69565.22	69565.22	0.02000
3093	3125	3126	3199	3198	1	140.00	0.37	69565.22	69565.22	0.02000
3094	3126	3127	3200	3199	1	140.00	0.37	69565.22	69565.22	0.02000
3095	3127	3128	3201	3200	1	140.00	0.37	69565.22	69565.22	0.02000
3096	3128	3129	3202	3201	1	140.00	0.37	69565.22	69565.22	0.02000
3097	3129	3130	3203	3202	1	140.00	0.37	69565.22	69565.22	0.02000
3098	3130	3131	3204	3203	1	140.00	0.37	69565.22	69565.22	0.02000
3099	3131	3132	3205	3204	1	140.00	0.37	69565.22	69565.22	0.02000
3100	3132	3133	3206	3205	1	140.00	0.37	69565.22	69565.22	0.02000
3101	3133	3134	3207	3206	1	140.00	0.37	69565.22	69565.22	0.02000
3102	3134	3135	3208	3207	1	140.00	0.37	69565.22	69565.22	0.02000
3103	3135	3136	3209	3208	1	140.00	0.37	69565.22	69565.22	0.02000
3104	3136	3137	3210	3209	1	140.00	0.37	69565.22	69565.22	0.02000
3105	3137	3138	3211	3210	1	140.00	0.37	69565.22	69565.22	0.02000
3106	3138	3139	3212	3211	1	140.00	0.37	69565.22	69565.22	0.02000
3107	3139	3140	3213	3212	1	140.00	0.37	69565.22	69565.22	0.02000
3108	3140	3141	3214	3213	2	145.00	0.35	103751.55	103751.55	0.02000
3109	3141	3142	3215	3214	2	145.00	0.35	103751.55	103751.55	0.02000
3110	3142	3143	3216	3215	2	145.00	0.35	103751.55	103751.55	0.02000
3111	3143	3144	3217	3216	2	145.00	0.35	103751.55	103751.55	0.02000
3112	3144	3145	3218	3217	2	145.00	0.35	103751.55	103751.55	0.02000
3113	3145	3146	3219	3218	2	145.00	0.35	103751.55	103751.55	0.02000
3114	3146	3147	3220	3219	2	145.00	0.35	103751.55	103751.55	0.02000
3115	3147	3148	3221	3220	2	145.00	0.35	103751.55	103751.55	0.02000
3116	3148	3149	3222	3221	2	145.00	0.35	103751.55	103751.55	0.02000
3117	3149	3150	3223	3222	2	145.00	0.35	103751.55	103751.55	0.02000
3118	3150	3151	3224	3223	2	145.00	0.35	103751.55	103751.55	0.02000
3119	3151	3152	3225	3224	2	145.00	0.35	103751.55	103751.55	0.02000
3120	3152	3153	3226	3225	2	145.00	0.35	103751.55	103751.55	0.02000
3121	3153	3154	3227	3226	2	145.00	0.35	103751.55	103751.55	0.02000
3122	3154	3155	3228	3227	3	150.00	0.35	162150.38	162150.38	0.02000
3123	3155	3156	3229	3228	3	150.00	0.35	162150.38	162150.38	0.02000
3124	3156	3157	3230	3229	3	150.00	0.35	162150.38	162150.38	0.02000
3125	3157	3158	3231	3230	3	150.00	0.35	162150.38	162150.38	0.02000
3126	3158	3159	3232	3231	3	150.00	0.35	162150.38	162150.38	0.02000
3127	3159	3160	3233	3232	3	150.00	0.35	162150.38	162150.38	0.02000
3128	3160	3161	3234	3233	3	150.00	0.35	162150.38	162150.38	0.02000
3129	3161	3162	3235	3234	3	150.00	0.35	162150.38	162150.38	0.02000
3130	3162	3163	3236	3235	3	150.00	0.35	162150.38	162150.38	0.02000
3131	3163	3164	3237	3236	3	150.00	0.35	162150.38	162150.38	0.02000
3132	3164	3165	3238	3237	3	150.00	0.35	162150.38	162150.38	0.02000
3133	3165	3166	3239	3238	3	150.00	0.35	162150.38	162150.38	0.02000
3134	3166	3167	3240	3239	3	150.00	0.35	162150.38	162150.38	0.02000
3135	3167	3168	3241	3240	3	150.00	0.35	162150.38	162150.38	0.02000
3136	3168	3169	3242	3241	3	150.00	0.35	162150.38	162150.38	0.02000
3137	3169	3170	3243	3242	3	150.00	0.35	162150.38	162150.38	0.02000
3138	3170	3171	3244	3243	3	150.00	0.35	162150.38	162150.38	0.02000
3139	3171	3172	3245	3244	3	150.00	0.35	162150.38	162150.38	0.02000
3140	3172	3173	3246	3245	3	150.00	0.35	162150.38	162150.38	0.02000
3141	3173	3174	3247	3246	3	150.00	0.35	162150.38	162150.38	0.02000
3142	3174	3175	3248	3247	3	150.00	0.35	162150.38	162150.38	0.02000
3143	3175	3176	3249	3248	3	150.00	0.35	162150.38	162150.38	0.02000
3144	3176	3177	3250	3249	3	150.00	0.35	162150.38	162150.38	0.02000
3145	3177	3178	3251	3250	3	150.00	0.35	162150.38	162150.38	0.02000
3146	3178	3179	3252	3251	3	150.00	0.35	162150.38	162150.38	0.02000
3147	3179	3180	3253	3252	3	150.00	0.35	162150.38	162150.38	0.02000
3148	3180	3181	3254	3253	3	150.00	0.35	162150.38	162150.38	0.02000
3149	3181	3182	3255	3254	3	150.00	0.35	162150.38	162150.38	0.02000
3150	3182	3183	3256	3255	3	150.00	0.35	162150.38	162150.38	0.02000
3151	3183	3184	3257	3256	3	150.00	0.35	162150.38	162150.38	0.02000
3152	3184	3185	3258	3257	3	150.00	0.35	162150.38	162150.38	0.02000
3153	3185	3186	3259	3258	3	150.00	0.35	162150.38	162150.38	0.02000
3154	3186	3187	3260	3259	3	150.00	0.35	162150.38	162150.38	0.02000
3155	3187	3188	3261	3260	3	150.00	0.35	162150.38	162150.38	0.02000
3156	3188	3189	3262	3261	3	150.00	0.35	162150.38	162150.38	0.02000
3157	3189	3190	3263	3262	3	150.00	0.35	162150.38	162150.38	0.02000
3158	3190	3191	3264	3263	3	150.00	0.35	162150.38	162150.38	0.02000
3159	3191	3192	3265	3264	3	150.00	0.35	162150.38	162150.38	0.02000
3160	3192	3193	3266	3265	3	150.00	0.35	162150.38	162150.38	0.02000
3161	3193	3194	3267	3266	3	150.00	0.35	162150.38	162150.38	0.02000
3162	3269	3268	3195	3195	1	140.00	0.37	69565.22	69565.22	0.02000
3163	3195	3196	3270	3269	1	140.00	0.37	69565.22	69565.22	0.02000
3164	3196	3197	3271	3270	1	140.00	0.37	69565.22	69565.22	0.02000
3165	3197	3198	3272	3271	1	140.00	0.37	69565.22	69565.22	0.02000
3166	3198	3199	3273	3272	1	140.00	0.37	69565.22	69565.22	0.02000
3167	3199	3200	3274	3273	1	140.00	0.37	69565.22	69565.22	0.02000
3168	3200	3201	3275	3274	1	140.00	0.37	69565.22	69565.22	0.02000
3169	3201	3202	3276	3275	1	140.00	0.37	69565.22	69565.22	0.02000
3170	3202	3203	3277	3276	1	140.00	0.37	69565.22	69565.22	0.02000
3171	3203	3204	3278	3277	1	140.00	0.37	69565.22	69565.22	0.02000
3172	3204	3205	3279	3278	1	140.00	0.37	69565.22	69565.22	0.02000
3173	3205	3206	3280	3279	1	140.00	0.37	69565.22	69565.22	0.02000
3174	3206	3207	3281	3280	1	140.00	0.37	69565.22	69565.22	0.02000
3175	3207	3208	3282	3281	1	140.00	0.37	69565.22	69565.22	0.02000
3176	3208	3209	3283	3282	1	140.00	0.37	69565.22	69565.22	0.02000
3177	3209	3210	3284	3283	1	140.00	0.37	69565.22	69565.22	0.02000
3178	3210	3211	3285	3284	1	140.00	0.37	69565.22	69565.22	0.02000
3179	3211	3212	3286	3285	1	140.00	0.37	69565.22	69565.22	0.02000
3180	3212	3213	3287	3286	2	145.00	0.35	103751.55	103751.55	0.02000
3181	3213	3214	3288	3287	2	145.00	0.35	103751.55	103751.55	0.02000
3182	3214	3215	3289	3288	2	145.00	0.35	103751.55	103751.55	0.02000
3183	3215	3216	3290	3289	2	145.00	0.35	103751.55	103751.55	0.02000
3184	3216	3217	3291	3290	2	145.00	0.35	103751.55	103751.55	0.02000
3185	3217	3218	3292	3291	2	145.00	0.35	103751.55	103751.55	0.02000
3186	3218	3219	3293	3292	2	145.00	0.35	103751.55	103751.55	0.02000
3187	3219	3220	3294	3293	2	145.00	0.35	103751.55	103751.55	0.02000
3188	3220	3221	3295	3294	2	145.00	0.35	103751.55	103751.55	0.02000
3189	3221	3222	3296	3295	2	145.00	0.35	103751.55	103751.55	0.02000
3190	3222	3223	3297	3296	2	145.00	0.35	103751.55	103751.55	0.02000
3191	3223	3224	3298	3297	2	145.00	0.35	103751.55	103751.55	0.02000
3192	3224	3225	3299	3298	2	145.00	0.35	103751.55	103751.55	0.02000
3193	3225	3226	3300	3299	2	145.00	0.35	103751.55	103751.55	0.02000
3194	3226	3227	3301	3300	3	150.00	0.35	162150.38	162150.38	0.02000
3195	3227	3228	3302	3301	3	150.00	0.35	162150.38	162150.38	0.02000
3196	3228	3229	3303	3302	3	150.00	0.35	162150.38	162150.38	0.02000
3197	3229	3230	3304	3303	3	150.00	0.35	162150.38	162150.38	0.02000
3198	3230	3231	3305	3304	3	150.00	0.35	162150.38	162150.38	0.02000
3199	3231	3232	3306	3305	3	150.00	0.35	162150.38	162150.38	0.02000
3200	3232	3233	3307	3306	3	150.00	0.35	162150.38	162150.38	0.02000
3201	3233	3234	3308	3307	3	150.00	0.35	162150.38	162150.38	0.02000
3202	3234	3235	3309	3308	3	150.00	0.35	162150.38	162150.38	0.02000
3203	3235	3236	3310	3309	3	150.00	0.35	162150.38	162150.38	0.02000
3204	3236	3237	3311	3310	3	150.00	0.35	162150.38	162150.38	0.02000
3205	3237	3238	3312	3311	3	150.00	0.35	162150.38	162150.38	0.02000
3206	3238	3239	3313	3312	3	150.00	0.35	162150.38	162150.38	0.02000
3207	3239	3240	3314	3313	3	150.00	0.35	162150.38	162150.38	0.02000
3208	3240	3241	3315	3314	3	150.00	0.35	162150.38	162150.38	0.02000
3209	3241	3242	3316	3315	3	150.00	0.35	162150.38	162150.38	0.02000
3210	3242	3243	3317	3316	3	150.00	0.35	162150.38	162150.38	0.02000
3211	3243	3244	3318	3317	3	150.00	0.35	162150.38	162150.38	0.02000
3212	3244	3245	3319	3318	3	150.00	0.35	162150.38	162150.38	0.02000
3213	3245	3246	3320	3319	3	150.00	0.35	162150.38	162150.38	0.02000
3214	3246	3247	3321	3320	3	150.00	0.35	162150.38	162150.38	0.02000
3215	3247	3248	3322	3321	3	150.00	0.35	162150.38	162150.38	0.02000
3216	3248	3249	3323	3322	3	150.00	0.35	162150.38	162150.38	0.02000
3217	3249	3250	3324	3323	3	150.00	0.35	162150.38	162150.38	0.02000
3218	3250	3251	3325	3324	3	150.00	0.35	162150.38	162150.38	0.02000
3219	3251	3252	3326	3325	3	150.00	0.35	162150.38	162150.38	0.02000
3220	3252	3253	3327	3326	3	150.00	0.35	162150.38	162150.38	0.02000
3221	3253	3254	3328	3327	3	150.00	0.35	162150.38	162150.38	0.02000
3222	3254	3255	3329	3328	3	150.00	0.35	162150.38	162150.38	0.02000
3223	3255	3256	3330	3329	3	150.00	0.35	162150.38	162150.38	0.02000
3224	3256	3257	3331	3330	3	150.00	0.35	162150.38	162150.38	0.02000
3225	3257	3258	3332	3331	3	150.00	0.35	162150.38	162150.38	0.02000
3226	3258	3259	3333	3332	3	150.00	0.35	162150.38	162150.38	0.02000
3227	3259	3260	3334	3333	3	150.00	0.35	162150.38	162150.38	0.02000
3228	3260	3261	3335	3334	3	150.00	0.35	162150.38	162150.38	0.02000
3229	3261	3262	3336	3335	3	150.00	0.35	162150.38	162150.38	0.02000
3230	3262	3263	3337	3336	3	150.00	0.35	162150.38	162150.38	0.02000
3231	3263	3264	3338	3337	3	150.00	0.35	162150.38	162150.38	0.02000
3232	3264	3265	3339	3338	3	150.00	0.35	162150.38	162150.38	0.02000
3233	3265	3266	3340	3339	3	150.00	0.35	162150.38	162150.38	0.02000
3234	3266	3267	3341	3340	3	150.00	0.35	162150.38	162150.38	0.02000
3235	3343	3342	3268	3268	1	140.00	0.37	69565.22	69565.22	0.02000
3236	3268	3269	3344	3343	1	140.00	0.37	69565.22	69565.22	0.02000
3237	3269	3270	3345	3344	1	140.00	0.37	69565.22	69565.22	0.02000
3238	3270	3271	3346	3345	1	140.00	0.37	69565.22	69565.22	0.02000
3239	3271	3272	3347	3346	1	140.00	0.37	69565.22	69565.22	0.02000
3240	3272	3273	3348	3347	1	140.00	0.37	69565.22	69565.22	0.02000
3241	3273	3274	3349	3348	1	140.00	0.37	69565.22	69565.22	0.02000
3242	3274	3275	3350	3349	1	140.00	0.37	69565.22	69565.22	0.02000
3243	3275	3276	3351	3350	1	140.00	0.37	69565.22	69565.22	0.02000
3244	3276	3277	3352	3351	1	140.00	0.37	69565.22	69565.22	0.02000
3245	3277	3278	3353	3352	1	140.00	0.37	69565.22	69565.22	0.02000
3246	3278	3279	3354	3353	1	140.00	0.37	69565.22	69565.22	0.02000
3247	3279	3280	3355	3354	1	140.00	0.37	69565.22	69565.22	0.02000
3248	3280	3281	3356	3355	1	140.00	0.37	69565.22	69565.22	0.02000
3249	3281	3282	3357	3356	1	140.00	0.37	69565.22	69565.22	0.02000
3250	3282	3283	3358	3357	1	140.00	0.37	69565.22	69565.22	0.02000
3251	3283	3284	3359	3358	1	140.00	0.37	69565.22	69565.22	0.02000
3252	3284	3285	3360	3359	2	145.00	0.35	103751.55	103751.55	0.02000
3253	3285	3286	3361	3360	2	145.00	0.35	103751.55	103751.55	0.02000
3254	3286	3287	3362	3361	2	145.00	0.35	103751.55	103751.55	0.02000
3255	3287	3288	3363	3362	2	145.00	0.35	103751.55	103751.55	0.02000
3256	3288	3289	3364	3363	2	145.00	0.35	103751.55	103751.55	0.02000
3257	3289	3290	3365	3364	2	145.00	0.35	103751.55	103751.55	0.02000
3258	3290	3291	3366	3365	2	145.00	0.35	103751.55	103751.55	0.02000
3259	3291	3292	3367	3366	2	145.00	0.35	103751.55	103751.55	0.02000
3260	3292	3293	3368	3367	2	145.00	0.35	103751.55	103751.55	0.02000
3261	3293	3294	3369	3368	2	145.00	0.35	103751.55	103751.55	0.02000
3262	3294	3295	3370	3369	2	145.00	0.35	103751.55	103751.55	0.02000
3263	3295	3296	3371	3370	2	145.00	0.35	103751.55	103751.55	0.02000
3264	3296	3297	3372	3371	2	145.00	0.35	103751.55	103751.55	0.02000

3265	3297	3298	3373	3372	2	145.00	0.35	103751.55	103751.55	0.02000
3266	3298	3299	3374	3373	3	150.00	0.35	162150.30	162150.30	0.02000
3267	3299	3300	3375	3374	3	150.00	0.35	162150.30	162150.30	0.02000
3268	3300	3301	3376	3375	3	150.00	0.35	162150.30	162150.30	0.02000
3269	3301	3302	3377	3376	3	150.00	0.35	162150.30	162150.30	0.02000
3270	3302	3303	3378	3377	3	150.00	0.35	162150.30	162150.30	0.02000
3271	3303	3304	3379	3378	3	150.00	0.35	162150.30	162150.30	0.02000
3272	3304	3305	3380	3379	3	150.00	0.35	162150.30	162150.30	0.02000
3273	3305	3306	3381	3380	3	150.00	0.35	162150.30	162150.30	0.02000
3274	3306	3307	3382	3381	3	150.00	0.35	162150.30	162150.30	0.02000
3275	3307	3308	3383	3382	3	150.00	0.35	162150.30	162150.30	0.02000
3276	3308	3309	3384	3383	3	150.00	0.35	162150.30	162150.30	0.02000
3277	3309	3310	3385	3384	3	150.00	0.35	162150.30	162150.30	0.02000
3278	3310	3311	3386	3385	3	150.00	0.35	162150.30	162150.30	0.02000
3279	3311	3312	3387	3386	3	150.00	0.35	162150.30	162150.30	0.02000
3280	3312	3313	3388	3387	3	150.00	0.35	162150.30	162150.30	0.02000
3281	3313	3314	3389	3388	3	150.00	0.35	162150.30	162150.30	0.02000
3282	3314	3315	3390	3389	3	150.00	0.35	162150.30	162150.30	0.02000
3283	3315	3316	3391	3390	3	150.00	0.35	162150.30	162150.30	0.02000
3284	3316	3317	3392	3391	3	150.00	0.35	162150.30	162150.30	0.02000
3285	3317	3318	3393	3392	3	150.00	0.35	162150.30	162150.30	0.02000
3286	3318	3319	3394	3393	3	150.00	0.35	162150.30	162150.30	0.02000
3287	3319	3320	3395	3394	3	150.00	0.35	162150.30	162150.30	0.02000
3288	3320	3321	3396	3395	3	150.00	0.35	162150.30	162150.30	0.02000
3289	3321	3322	3397	3396	3	150.00	0.35	162150.30	162150.30	0.02000
3290	3322	3323	3398	3397	3	150.00	0.35	162150.30	162150.30	0.02000
3291	3323	3324	3399	3398	3	150.00	0.35	162150.30	162150.30	0.02000
3292	3324	3325	3400	3399	3	150.00	0.35	162150.30	162150.30	0.02000
3293	3325	3326	3401	3400	3	150.00	0.35	162150.30	162150.30	0.02000
3294	3326	3327	3402	3401	3	150.00	0.35	162150.30	162150.30	0.02000
3295	3327	3328	3403	3402	3	150.00	0.35	162150.30	162150.30	0.02000
3296	3328	3329	3404	3403	3	150.00	0.35	162150.30	162150.30	0.02000
3297	3329	3330	3405	3404	3	150.00	0.35	162150.30	162150.30	0.02000
3298	3330	3331	3406	3405	3	150.00	0.35	162150.30	162150.30	0.02000
3299	3331	3332	3407	3406	3	150.00	0.35	162150.30	162150.30	0.02000
3300	3332	3333	3408	3407	3	150.00	0.35	162150.30	162150.30	0.02000
3301	3333	3334	3409	3408	3	150.00	0.35	162150.30	162150.30	0.02000
3302	3334	3335	3410	3409	3	150.00	0.35	162150.30	162150.30	0.02000
3303	3335	3336	3411	3410	3	150.00	0.35	162150.30	162150.30	0.02000
3304	3336	3337	3412	3411	3	150.00	0.35	162150.30	162150.30	0.02000
3305	3337	3338	3413	3412	3	150.00	0.35	162150.30	162150.30	0.02000
3306	3338	3339	3414	3413	3	150.00	0.35	162150.30	162150.30	0.02000
3307	3339	3340	3415	3414	3	150.00	0.35	162150.30	162150.30	0.02000
3308	3340	3341	3416	3415	3	150.00	0.35	162150.30	162150.30	0.02000
3309	3418	3417	3342	3342	1	140.00	0.37	69565.22	69565.22	0.02000
3310	3342	3343	3419	3418	1	140.00	0.37	69565.22	69565.22	0.02000
3311	3343	3344	3420	3419	1	140.00	0.37	69565.22	69565.22	0.02000
3312	3344	3345	3421	3420	1	140.00	0.37	69565.22	69565.22	0.02000
3313	3345	3346	3422	3421	1	140.00	0.37	69565.22	69565.22	0.02000
3314	3346	3347	3423	3422	1	140.00	0.37	69565.22	69565.22	0.02000
3315	3347	3348	3424	3423	1	140.00	0.37	69565.22	69565.22	0.02000
3316	3348	3349	3425	3424	1	140.00	0.37	69565.22	69565.22	0.02000
3317	3349	3350	3426	3425	1	140.00	0.37	69565.22	69565.22	0.02000
3318	3350	3351	3427	3426	1	140.00	0.37	69565.22	69565.22	0.02000
3319	3351	3352	3428	3427	1	140.00	0.37	69565.22	69565.22	0.02000
3320	3352	3353	3429	3428	1	140.00	0.37	69565.22	69565.22	0.02000
3321	3353	3354	3430	3429	1	140.00	0.37	69565.22	69565.22	0.02000
3322	3354	3355	3431	3430	1	140.00	0.37	69565.22	69565.22	0.02000
3323	3355	3356	3432	3431	1	140.00	0.37	69565.22	69565.22	0.02000
3324	3356	3357	3433	3432	1	140.00	0.37	69565.22	69565.22	0.02000
3325	3357	3358	3434	3433	2	145.00	0.35	103751.55	103751.55	0.02000
3326	3358	3359	3435	3434	2	145.00	0.35	103751.55	103751.55	0.02000
3327	3359	3360	3436	3435	2	145.00	0.35	103751.55	103751.55	0.02000
3328	3360	3361	3437	3436	2	145.00	0.35	103751.55	103751.55	0.02000
3329	3361	3362	3438	3437	2	145.00	0.35	103751.55	103751.55	0.02000
3330	3362	3363	3439	3438	2	145.00	0.35	103751.55	103751.55	0.02000
3331	3363	3364	3440	3439	2	145.00	0.35	103751.55	103751.55	0.02000
3332	3364	3365	3441	3440	2	145.00	0.35	103751.55	103751.55	0.02000
3333	3365	3366	3442	3441	2	145.00	0.35	103751.55	103751.55	0.02000
3334	3366	3367	3443	3442	2	145.00	0.35	103751.55	103751.55	0.02000
3335	3367	3368	3444	3443	2	145.00	0.35	103751.55	103751.55	0.02000
3336	3368	3369	3445	3444	2	145.00	0.35	103751.55	103751.55	0.02000
3337	3369	3370	3446	3445	2	145.00	0.35	103751.55	103751.55	0.02000
3338	3370	3371	3447	3446	2	145.00	0.35	103751.55	103751.55	0.02000
3339	3371	3372	3448	3447	3	150.00	0.35	162150.30	162150.30	0.02000
3340	3372	3373	3449	3448	3	150.00	0.35	162150.30	162150.30	0.02000
3341	3373	3374	3450	3449	3	150.00	0.35	162150.30	162150.30	0.02000
3342	3374	3375	3451	3450	3	150.00	0.35	162150.30	162150.30	0.02000
3343	3375	3376	3452	3451	3	150.00	0.35	162150.30	162150.30	0.02000
3344	3376	3377	3453	3452	3	150.00	0.35	162150.30	162150.30	0.02000
3345	3377	3378	3454	3453	3	150.00	0.35	162150.30	162150.30	0.02000
3346	3378	3379	3455	3454	3	150.00	0.35	162150.30	162150.30	0.02000
3347	3379	3380	3456	3455	3	150.00	0.35	162150.30	162150.30	0.02000
3348	3380	3381	3457	3456	3	150.00	0.35	162150.30	162150.30	0.02000
3349	3381	3382	3458	3457	3	150.00	0.35	162150.30	162150.30	0.02000
3350	3382	3383	3459	3458	3	150.00	0.35	162150.30	162150.30	0.02000
3351	3383	3384	3460	3459	3	150.00	0.35	162150.30	162150.30	0.02000
3352	3384	3385	3461	3460	3	150.00	0.35	162150.30	162150.30	0.02000
3353	3385	3386	3462	3461	3	150.00	0.35	162150.30	162150.30	0.02000
3354	3386	3387	3463	3462	3	150.00	0.35	162150.30	162150.30	0.02000
3355	3387	3388	3464	3463	3	150.00	0.35	162150.30	162150.30	0.02000
3356	3388	3389	3465	3464	3	150.00	0.35	162150.30	162150.30	0.02000
3357	3389	3390	3466	3465	3	150.00	0.35	162150.30	162150.30	0.02000
3358	3390	3391	3467	3466	3	150.00	0.35	162150.30	162150.30	0.02000
3359	3391	3392	3468	3467	3	150.00	0.35	162150.30	162150.30	0.02000
3360	3392	3393	3469	3468	3	150.00	0.35	162150.30	162150.30	0.02000
3361	3393	3394	3470	3469	3	150.00	0.35	162150.30	162150.30	0.02000
3362	3394	3395	3471	3470	3	150.00	0.35	162150.30	162150.30	0.02000
3363	3395	3396	3472	3471	3	150.00	0.35	162150.30	162150.30	0.02000
3364	3396	3397	3473	3472	3	150.00	0.35	162150.30	162150.30	0.02000
3365	3397	3398	3474	3473	3	150.00	0.35	162150.30	162150.30	0.02000
3366	3398	3399	3475	3474	3	150.00	0.35	162150.30	162150.30	0.02000
3367	3399	3400	3476	3475	3	150.00	0.35	162150.30	162150.30	0.02000
3368	3400	3401	3477	3476	3	150.00	0.35	162150.30	162150.30	0.02000
3369	3401	3402	3478	3477	3	150.00	0.35	162150.30	162150.30	0.02000
3370	3402	3403	3479	3478	3	150.00	0.35	162150.30	162150.30	0.02000
3371	3403	3404	3480	3479	3	150.00	0.35	162150.30	162150.30	0.02000
3372	3404	3405	3481	3480	3	150.00	0.35	162150.30	162150.30	0.02000
3373	3405	3406	3482	3481	3	150.00	0.35	162150.30	162150.30	0.02000
3374	3406	3407	3483	3482	3	150.00	0.35	162150.30	162150.30	0.02000
3375	3407	3408	3484	3483	3	150.00	0.35	162150.30	162150.30	0.02000
3376	3408	3409	3485	3484	3	150.00	0.35	162150.30	162150.30	0.02000
3377	3409	3410	3486	3485	3	150.00	0.35	162150.30	162150.30	0.02000
3378	3410	3411	3487	3486	3	150.00	0.35	162150.30	162150.30	0.02000
3379	3411	3412	3488	3487	3	150.00	0.35	162150.30	162150.30	0.02000
3380	3412	3413	3489	3488	3	150.00	0.35	162150.30	162150.30	0.02000
3381	3413	3414	3490	3489	3	150.00	0.35	162150.30	162150.30	0.02000
3382	3414	3415	3491	3490	3	150.00	0.35	162150.30	162150.30	0.02000
3383	3415	3416	3492	3491	3	150.00	0.35	162150.30	162150.30	0.02000
3384	3494	3493	3417	3417	1	140.00	0.37	69565.22	69565.22	0.02000
3385	3417	3418	3495	3494	1	140.00	0.37	69565.22	69565.22	0.02000
3386	3418	3419	3496	3495	1	140.00	0.37	69565.22	69565.22	0.02000
3387	3419	3420	3497	3496	1	140.00	0.37	69565.22	69565.22	0.02000
3388	3420	3421	3498	3497	1	140.00	0.37	69565.22	69565.22	0.02000
3389	3421	3422	3499	3498	1	140.00	0.37	69565.22	69565.22	0.02000
3390	3422	3423	3500	3499	1	140.00	0.37	69565.22	69565.22	0.02000
3391	3423	3424	3501	3500	1	140.00	0.37	69565.22	69565.22	0.02000
3392	3424	3425	3502	3501	1	140.00	0.37	69565.22	69565.22	0.02000
3393	3425	3426	3503	3502	1	140.00	0.37	69565.22	69565.22	0.02000
3394	3426	3427	3504	3503	1	140.00	0.37	69565.22	69565.22	0.02000
3395	3427	3428	3505	3504	1	140.00	0.37	69565.22	69565.22	0.02000
3396	3428	3429	3506	3505	1	140.00	0.37	69565.22	69565.22	0.02000
3397	3429	3430	3507	3506	1	140.00	0.37	69565.22	69565.22	0.02000
3398	3430	3431	3508	3507	1	140.00	0.37	69565.22	69565.22	0.02000
3399	3431	3432	3509	3508	2	145.00	0.35	103751.55	103751.55	0.02000
3400	3432	3433	3510	3509	2	145.00	0.35	103751.55	103751.55	0.02000
3401	3433	3434	3511	3510	2	145.00	0.35	103751.55	103751.55	0.02000
3402	3434	3435	3512	3511	2	145.00	0.35	103751.55	103751.55	0.02000
3403	3435	3436	3513	3512	2	145.00	0.35	103751.55	103751.55	0.02000
3404	3436	3437	3514	3513	2	145.00	0.35	103751.55	103751.55	0.02000
3405	3437	3438	3515	3514	2	145.00	0.35	103751.55	103751.55	0.02000
3406	3438	3439	3516	3515	2	145.00	0.35	103751.55	103751.55	0.02000
3407	3439	3440	3517	3516	2	145.00	0.35	103751.55	103751.55	0.02000
3408	3440	3441	3518	3517	2	145.00	0.35	103751.55	103751.55	0.02000
3409	3441	3442	3519	3518	2	145.00	0.35	103751.55	103751.55	0.02000
3410	3442	3443	3520	3519	2	145.00	0.35	103751.55	103751.55	0.02000
3411	3443	3444	3521	3520	2	145.00	0.35	103751.55	103751.55	0.02000
3412	3444	3445	3522	3521	2	145.00	0.35	103751.55	103751.55	0.02000
3413	3445	3446	3523	3522	3	150.00	0.35	162150.30	162150.30	0.02000
3414	3446	3447	3524	3523	3	150.00	0.35	162150.30	162150.30	0.02000
3415	3447	3448	3525	3524	3	150.00	0.35	162150.30	162150.30	0.02000
3416	3448	3449	3526	3525	3	150.00	0.35	162150.30	162150.30	0.02000
3417	3449	3450	3527	3526	3	150.00	0.35	162150.30	162150.30	0.02000
3418	3450	3451	3528	3527	3	150.00	0.35	162150.30	162150.30	0.02000
3419	3451	3452	3529	3528	3	150.00	0.35	162150.30	162150.30	0.02000
3420	3452	3453	3530	3529	3	150.00	0.35	162150.30	162150.30	0.02000
3421	3453	3454	3531	3530	3	150.00	0.35	162150.30	162150.30	0.02000
3422	3454	3455	3532	3531	3	150.00	0.35	162150.30	162150.30	0.02000
3423	3455	3456	3533	3532	3	150.00	0.35	162150.30	162150.30	0.02000
3424	3456	3457	3534	3533	3	150.00	0.35	162150.30	162150.30	0.02000
3425	3457	3458	3535	3534	3	150.00	0.35	162150.30	162150.30	0.02000
3426	3458	3459	3536	3535	3	150.00	0.35	162150.30	162150.30	0.02000
3427	3459	3460	3537	3536	3	150.00	0.35	162150.30	162150.30	0.02000
3428	3460	3461	3538	3537	3	150.00	0.35	162150.30	162150.30	0.02000
3429	3461	3462	3539	3538	3	150.00	0.35	162150.30	162150.30	0.02000
3430	3462	3463	3540	3539	3	150.00	0.35	162150.30	162150.30	0.02000
3431	3463	3464	3541	3540	3	150.00	0.35	162150.30	162150.30	0.02000
3432	3464	3465	3542	3541	3	150.00	0.35	162150.30	162150.30	0.02000
3433	3465	3466	3543	3542	3	150.00	0.35	162150.30	162150.30	0.02000
3434	3466	3467	3544	3543	3	150.00	0.35	162150.30	162150.30	0.02000
3435	3467	3468	3545	3544	3	150.00	0.35	162150.30	162150.30	0.02000
3436	3468	3469	3546	3545	3	150.00	0.35	162150.30	162150.30	0.02000
3437	3469	3470	3547	3546	3	150.00	0.35	162150.30	162150.30	0.02000
3438	3470	3471	3548	3547	3	150.00	0.35	162150.30	162150.30	0.02000
3439	3471	3472	3549	3548	3	150.00	0.35	162150.30	162150.30	0.02000
3440	3472	3473	3550	3549	3	150.00	0.35	162150.30	162150.30	0.02000
3441	3473	3474	3551	3550	3	150.00	0.35	162150.30	162150.30	0.02000
3442	3474	3475	3552	3551	3	150.00	0.35	162150.30	162150.30	0.02000
3443	3475	3476	3553	3552	3	150.00	0.35	162150.30	162150.30	0.02000
3444	3476	3477	3554	3553	3	150.00	0.35	162150.30	162150.30	0.02000
3445	3477	3478	3555	3554	3	150.00	0.35	162150.30	162150.30	0.02000
3446	3478	3479	3556	3555	3	150.00	0.35	162150.30	162150.30	0.02000
3447	3479	3480	3557	3556	3	150.00	0.35	162150.30	162150.30	0.02000
3448	3480	3481	3558	3557	3	150.00	0.35	162150.30	162150.30	0.02000
3449	3481	3482	3559	3558	3	150.00	0.35	162150.30	162150.30	0.02000
3450	3482	3483	3560	3559	3	150.00	0.35	162150.30	162150.30	0.02000
3451	3483	3484	3561	3560	3	150.00	0.35	162150.30	162150.30	0.02000
3452	3484	3485	3562	3561	3	150.00	0.35	162150.30	162150.30	0.02000
3453	3485	3486	3563	3562	3	150.00	0.35	162150.30	162150.30	0.02000
3454	3486	3487	3564	3563	3	150.00	0.35	162150.30	162150.30	0.02000
3455	3487	3488	3565	3564	3	150.00	0.35	162150.30	162150.30	0.02000
3456	3488	3489	3566	3565	3	150.00	0.35	162150.30	162150.30	0.02000
3457	3489	3490	3567	3566	3	150.00	0.35	162150.30	162150.30	0.02000
3458	3490	3491	3568	3567	3	150.00	0.35	162150.30	162150.30	0.02000
3459	3491	3492	3569	3568	3	150.00	0.35	162150.30	162150.30	0.02000
3460	3571	3570	3493	3493	1	140.00	0.37	69565.22	69565.22	0.02000
3461	3493	3494	3572	3571	1	140.00	0.37	69565.22	69565.22	0.02000
3462	3494	3495	3573	3572	1	140.00	0.37	69565.22	69565.22	0.02000
3463	3495	3496	3574	3573	1	140.00	0.37	69565.22	69565.22	0.02000
3464	3496	3497	3575	3574	1	140.00	0.37	69565.22	69565.22	0.02000
3465	3497	3498	3576	3575	1	140.00	0.37	69565.22	69565.22	0.02000
3466	3498	3499	3577	3576	1	140.00	0.37	69565.22	69565.22	0.02000
3467	3499	3500	3578	3577	1	140.00	0.37	69565.22	69565.22	0.02000
3468	3500	3501	3579	3578	1	140.00	0.37	69565.22	69565.22	0.02000
3469	3501	3502	3580	3579	1	140.00	0.37	69565.22	69565.22	0.02000
3470	3502	3503	3581	3580	1	140.00	0.37	69565.22	69565.22	0.02000
3471	3503	3504	3582	3581	1	140.00	0.37	69565.22	69565.22	0.02000
3472	3504	3505	3583	3582	1	140.00	0.37	69565.22	69565.22	0.02000
3473	3505	3506	3584	3583	1	140.00	0.37	69565.22	69565.22	0.02000
3474	3506	3507	3585	3584	2	145.00	0.35	103751.55	103751.55	0.02000
3475	3507	3508	3586	3585	2	145.00	0.35	103751.55	103751.55	0.02000
3476	3508	3509	3587	3586	2	145.00	0.35	103751.55	103751.55	0.02000
3477	3509	3510	3588	3587	2	145.00	0.35	103751.55	103751.55	0.02000
3478	3510	3511	3589	3588	2	145.00	0.35	103751.55	103751.55	0.02000
3479	3511	3512	3590	3589	2	145.00	0.35	103751.55	103751.55	0.02000
3480	3512	3513	3591	3590	2	145.00	0.35	103751.55	103751.55	0.02000
3481	3513	3514	3592	3591	2	145.00	0.35	103751.55	103751.55	0.02000
3482	3514	3515	3593	3592	2	145.00	0.35	103751.55	103751.55	0.02000
3483	3515	3516	3594	3593	2	145.00	0.35	103751.55	103751.55	0.02000
3484	3516	3517	3595	3594	2	145.00	0.35	103751.55	103751.55	0.02000
3485	3517	3518	3596	3595	2	145.00	0.35	103751.55	103751.55	0.02000
3486	3518	3519	3597	3596	2	145.00	0.35	103751.55	103751.55	0.02000
3487	3519	3520	3598	3597	3	150.00	0.35	162150.30	162150.30	0.02000
3488	3520	3521	3599	3598	3	150.00	0.35	162150.30	162150.30	0.02000
3489	3521	3522	3600	3599	3	150.00	0.35	162150.30	162150.30	0.02000
3490	3522	3523	3601	3600	3	150.00	0.35	162150.30	162150.30	0.02000
3491	3523	3524	3602	3601	3	150.00	0.35	162150.30	162150.30	0.02000
3492	3524	3525	3603	3602	3	150.00	0.35	162150.30	162150.30	0.02000
3493	3525	3526	3604	3603	3	150.00	0.35	162150.30	162150.30	0.02000
3494	3526	3527	3605	3604	3	150.00	0.35	162150.30	162150.30	0.02000
3495	3527	3528	3606	3605	3	150.00	0.35	162150.30	162150.30	0.02000
3496	3528	3529	3607	3606	3	150.00	0.35	162150.30	162150.30	0.02000
3497	3529	3530	3608	3607	3	150.00	0.35	162150.30	162150.30	0.02000
3498	3530	3531	3609	3608	3	150.00	0.35	162150.30	162150.30	0.02000
3499	3531	3532	3610	3609	3	150.00	0.35	162150.30	162150.30	0.02000
3500	3532	3533	3611	3610	3	150.00	0.35	162150.30	162150.30	0.02000
3501	3533	3534	3612	3611	3	150.00	0.35	162150.30	162150.30	0.02000
3502	3534	3535	3613	3612	3	150.00	0.35	162150.30	162150.30	0.02000
3503	3535	3536	3614	3613	3	150.00	0.35	162150.30	162150.30	0.02000
3504	3536	3537	3615	3614	3	150.00	0.35	162150.30	162150.30	0.02000
3505	3537	3538	3616	3615	3	150.00	0.35	162150.30	162150.30	0.02000
3506	3538	3539	3617	3616	3	150.00	0.35	162150.30	162150.30	0.02000
3507	3539	3540	3618	3617	3	150.00	0.35	162150.30	162150.30	0.02000
3508	3540	3541	3619	3618	3	150.00	0.35	162150.30	162150.30	0.02000
3509	3541	3542	3620	3619	3	150.00	0.35	162150.30	162150.30	0.02000
3510	3542	3543	3621	3620	3	150.00	0.35	162150.30	162150.30	0.02000
3511	3543	3544	3622	3621	3	150.00	0.35	162150.30	162150.30	0.02000
3512	3544	3545	3623	3622	3	150.00	0.35	162150.30	162150.30	0.02000
3513	3545	3546	3624	3623	3	150.00	0.35	162150.30	162150.30	0.02000
3514	3546	3547	3625	3624	3	150.00	0.35	162150.30	162150.30	0.02000
3515	3547	3548	3626	3625	3	150.00	0.35	162150.30	162150.30	0.02000
3516	3548	3549	3627	3626	3	150.00	0.35	162150.30	162150.30	0.02000
3517	3549	3550	3628	3627	3	150.00	0.35	162150.30	162150.30	0.02000
3518	3550	3551	3629	3628	3	150.00	0.35	162150.30	162150.30	0.02000

3519	3551	3552	3630	3629	3	150.00	0.35	162150.30	162150.30	0.02000
3520	3552	3553	3631	3630	3	150.00	0.35	162150.30	162150.30	0.02000
3521	3553	3554	3632	3631	3	150.00	0.35	162150.30	162150.30	0.02000
3522	3554	3555	3633	3632	3	150.00	0.35	162150.30	162150.30	0.02000
3523	3555	3556	3634	3633	3	150.00	0.35	162150.30	162150.30	0.02000
3524	3556	3557	3635	3634	3	150.00	0.35	162150.30	162150.30	0.02000
3525	3557	3558	3636	3635	3	150.00	0.35	162150.30	162150.30	0.02000
3526	3558	3559	3637	3636	3	150.00	0.35	162150.30	162150.30	0.02000
3527	3559	3560	3638	3637	3	150.00	0.35	162150.30	162150.30	0.02000
3528	3560	3561	3639	3638	3	150.00	0.35	162150.30	162150.30	0.02000
3529	3561	3562	3640	3639	3	150.00	0.35	162150.30	162150.30	0.02000
3530	3562	3563	3641	3640	3	150.00	0.35	162150.30	162150.30	0.02000
3531	3563	3564	3642	3641	3	150.00	0.35	162150.30	162150.30	0.02000
3532	3564	3565	3643	3642	3	150.00	0.35	162150.30	162150.30	0.02000
3533	3565	3566	3644	3643	3	150.00	0.35	162150.30	162150.30	0.02000
3534	3566	3567	3645	3644	3	150.00	0.35	162150.30	162150.30	0.02000
3535	3567	3568	3646	3645	3	150.00	0.35	162150.30	162150.30	0.02000
3536	3568	3569	3647	3646	3	150.00	0.35	162150.30	162150.30	0.02000
3537	3570	3571	3649	3648	1	140.00	0.37	69565.22	69565.22	0.02000
3538	3571	3572	3650	3649	1	140.00	0.37	69565.22	69565.22	0.02000
3539	3572	3573	3651	3650	1	140.00	0.37	69565.22	69565.22	0.02000
3540	3573	3574	3652	3651	1	140.00	0.37	69565.22	69565.22	0.02000
3541	3574	3575	3653	3652	1	140.00	0.37	69565.22	69565.22	0.02000
3542	3575	3576	3654	3653	1	140.00	0.37	69565.22	69565.22	0.02000
3543	3576	3577	3655	3654	1	140.00	0.37	69565.22	69565.22	0.02000
3544	3577	3578	3656	3655	1	140.00	0.37	69565.22	69565.22	0.02000
3545	3578	3579	3657	3656	1	140.00	0.37	69565.22	69565.22	0.02000
3546	3579	3580	3658	3657	1	140.00	0.37	69565.22	69565.22	0.02000
3547	3580	3581	3659	3658	1	140.00	0.37	69565.22	69565.22	0.02000
3548	3581	3582	3660	3659	1	140.00	0.37	69565.22	69565.22	0.02000
3549	3582	3583	3661	3660	1	140.00	0.37	69565.22	69565.22	0.02000
3550	3583	3584	3662	3661	2	145.00	0.35	103751.55	103751.55	0.02000
3551	3584	3585	3663	3662	2	145.00	0.35	103751.55	103751.55	0.02000
3552	3585	3586	3664	3663	2	145.00	0.35	103751.55	103751.55	0.02000
3553	3586	3587	3665	3664	2	145.00	0.35	103751.55	103751.55	0.02000
3554	3587	3588	3666	3665	2	145.00	0.35	103751.55	103751.55	0.02000
3555	3588	3589	3667	3666	2	145.00	0.35	103751.55	103751.55	0.02000
3556	3589	3590	3668	3667	2	145.00	0.35	103751.55	103751.55	0.02000
3557	3590	3591	3669	3668	2	145.00	0.35	103751.55	103751.55	0.02000
3558	3591	3592	3670	3669	2	145.00	0.35	103751.55	103751.55	0.02000
3559	3592	3593	3671	3670	2	145.00	0.35	103751.55	103751.55	0.02000
3560	3593	3594	3672	3671	2	145.00	0.35	103751.55	103751.55	0.02000
3561	3594	3595	3673	3672	2	145.00	0.35	103751.55	103751.55	0.02000
3562	3595	3596	3674	3673	2	145.00	0.35	103751.55	103751.55	0.02000
3563	3596	3597	3675	3674	3	150.00	0.35	162150.30	162150.30	0.02000
3564	3597	3598	3676	3675	3	150.00	0.35	162150.30	162150.30	0.02000
3565	3598	3599	3677	3676	3	150.00	0.35	162150.30	162150.30	0.02000
3566	3599	3600	3678	3677	3	150.00	0.35	162150.30	162150.30	0.02000
3567	3600	3601	3679	3678	3	150.00	0.35	162150.30	162150.30	0.02000
3568	3601	3602	3680	3679	3	150.00	0.35	162150.30	162150.30	0.02000
3569	3602	3603	3681	3680	3	150.00	0.35	162150.30	162150.30	0.02000
3570	3603	3604	3682	3681	3	150.00	0.35	162150.30	162150.30	0.02000
3571	3604	3605	3683	3682	3	150.00	0.35	162150.30	162150.30	0.02000
3572	3605	3606	3684	3683	3	150.00	0.35	162150.30	162150.30	0.02000
3573	3606	3607	3685	3684	3	150.00	0.35	162150.30	162150.30	0.02000
3574	3607	3608	3686	3685	3	150.00	0.35	162150.30	162150.30	0.02000
3575	3608	3609	3687	3686	3	150.00	0.35	162150.30	162150.30	0.02000
3576	3609	3610	3688	3687	3	150.00	0.35	162150.30	162150.30	0.02000
3577	3610	3611	3689	3688	3	150.00	0.35	162150.30	162150.30	0.02000
3578	3611	3612	3690	3689	3	150.00	0.35	162150.30	162150.30	0.02000
3579	3612	3613	3691	3690	3	150.00	0.35	162150.30	162150.30	0.02000
3580	3613	3614	3692	3691	3	150.00	0.35	162150.30	162150.30	0.02000
3581	3614	3615	3693	3692	3	150.00	0.35	162150.30	162150.30	0.02000
3582	3615	3616	3694	3693	3	150.00	0.35	162150.30	162150.30	0.02000
3583	3616	3617	3695	3694	3	150.00	0.35	162150.30	162150.30	0.02000
3584	3617	3618	3696	3695	3	150.00	0.35	162150.30	162150.30	0.02000
3585	3618	3619	3697	3696	3	150.00	0.35	162150.30	162150.30	0.02000
3586	3619	3620	3698	3697	3	150.00	0.35	162150.30	162150.30	0.02000
3587	3620	3621	3699	3698	3	150.00	0.35	162150.30	162150.30	0.02000
3588	3621	3622	3700	3699	3	150.00	0.35	162150.30	162150.30	0.02000
3589	3622	3623	3701	3700	3	150.00	0.35	162150.30	162150.30	0.02000
3590	3623	3624	3702	3701	3	150.00	0.35	162150.30	162150.30	0.02000
3591	3624	3625	3703	3702	3	150.00	0.35	162150.30	162150.30	0.02000
3592	3625	3626	3704	3703	3	150.00	0.35	162150.30	162150.30	0.02000
3593	3626	3627	3705	3704	3	150.00	0.35	162150.30	162150.30	0.02000
3594	3627	3628	3706	3705	3	150.00	0.35	162150.30	162150.30	0.02000
3595	3628	3629	3707	3706	3	150.00	0.35	162150.30	162150.30	0.02000
3596	3629	3630	3708	3707	3	150.00	0.35	162150.30	162150.30	0.02000
3597	3630	3631	3709	3708	3	150.00	0.35	162150.30	162150.30	0.02000
3598	3631	3632	3710	3709	3	150.00	0.35	162150.30	162150.30	0.02000
3599	3632	3633	3711	3710	3	150.00	0.35	162150.30	162150.30	0.02000
3600	3633	3634	3712	3711	3	150.00	0.35	162150.30	162150.30	0.02000
3601	3634	3635	3713	3712	3	150.00	0.35	162150.30	162150.30	0.02000
3602	3635	3636	3714	3713	3	150.00	0.35	162150.30	162150.30	0.02000
3603	3636	3637	3715	3714	3	150.00	0.35	162150.30	162150.30	0.02000
3604	3637	3638	3716	3715	3	150.00	0.35	162150.30	162150.30	0.02000
3605	3638	3639	3717	3716	3	150.00	0.35	162150.30	162150.30	0.02000
3606	3639	3640	3718	3717	3	150.00	0.35	162150.30	162150.30	0.02000
3607	3640	3641	3719	3718	3	150.00	0.35	162150.30	162150.30	0.02000
3608	3641	3642	3720	3719	3	150.00	0.35	162150.30	162150.30	0.02000
3609	3642	3643	3721	3720	3	150.00	0.35	162150.30	162150.30	0.02000
3610	3643	3644	3722	3721	3	150.00	0.35	162150.30	162150.30	0.02000
3611	3644	3645	3723	3722	3	150.00	0.35	162150.30	162150.30	0.02000
3612	3645	3646	3724	3723	3	150.00	0.35	162150.30	162150.30	0.02000
3613	3646	3647	3725	3724	3	150.00	0.35	162150.30	162150.30	0.02000
3614	3648	3649	3727	3726	1	140.00	0.37	69565.22	69565.22	0.02000
3615	3649	3650	3728	3727	1	140.00	0.37	69565.22	69565.22	0.02000
3616	3650	3651	3729	3728	1	140.00	0.37	69565.22	69565.22	0.02000
3617	3651	3652	3730	3729	1	140.00	0.37	69565.22	69565.22	0.02000
3618	3652	3653	3731	3730	1	140.00	0.37	69565.22	69565.22	0.02000
3619	3653	3654	3732	3731	1	140.00	0.37	69565.22	69565.22	0.02000
3620	3654	3655	3733	3732	1	140.00	0.37	69565.22	69565.22	0.02000
3621	3655	3656	3734	3733	1	140.00	0.37	69565.22	69565.22	0.02000
3622	3656	3657	3735	3734	1	140.00	0.37	69565.22	69565.22	0.02000
3623	3657	3658	3736	3735	1	140.00	0.37	69565.22	69565.22	0.02000
3624	3658	3659	3737	3736	1	140.00	0.37	69565.22	69565.22	0.02000
3625	3659	3660	3738	3737	1	140.00	0.37	69565.22	69565.22	0.02000
3626	3660	3661	3739	3738	1	140.00	0.37	69565.22	69565.22	0.02000
3627	3661	3662	3740	3739	2	145.00	0.35	103751.55	103751.55	0.02000
3628	3662	3663	3741	3740	2	145.00	0.35	103751.55	103751.55	0.02000
3629	3663	3664	3742	3741	2	145.00	0.35	103751.55	103751.55	0.02000
3630	3664	3665	3743	3742	2	145.00	0.35	103751.55	103751.55	0.02000
3631	3665	3666	3744	3743	2	145.00	0.35	103751.55	103751.55	0.02000
3632	3666	3667	3745	3744	2	145.00	0.35	103751.55	103751.55	0.02000
3633	3667	3668	3746	3745	2	145.00	0.35	103751.55	103751.55	0.02000
3634	3668	3669	3747	3746	2	145.00	0.35	103751.55	103751.55	0.02000
3635	3669	3670	3748	3747	2	145.00	0.35	103751.55	103751.55	0.02000
3636	3670	3671	3749	3748	2	145.00	0.35	103751.55	103751.55	0.02000
3637	3671	3672	3750	3749	2	145.00	0.35	103751.55	103751.55	0.02000
3638	3672	3673	3751	3750	2	145.00	0.35	103751.55	103751.55	0.02000
3639	3673	3674	3752	3751	2	145.00	0.35	103751.55	103751.55	0.02000
3640	3674	3675	3753	3752	3	150.00	0.35	162150.30	162150.30	0.02000
3641	3675	3676	3754	3753	3	150.00	0.35	162150.30	162150.30	0.02000
3642	3676	3677	3755	3754	3	150.00	0.35	162150.30	162150.30	0.02000
3643	3677	3678	3756	3755	3	150.00	0.35	162150.30	162150.30	0.02000
3644	3678	3679	3757	3756	3	150.00	0.35	162150.30	162150.30	0.02000
3645	3679	3680	3758	3757	3	150.00	0.35	162150.30	162150.30	0.02000
3646	3680	3681	3759	3758	3	150.00	0.35	162150.30	162150.30	0.02000
3647	3681	3682	3760	3759	3	150.00	0.35	162150.30	162150.30	0.02000
3648	3682	3683	3761	3760	3	150.00	0.35	162150.30	162150.30	0.02000
3649	3683	3684	3762	3761	3	150.00	0.35	162150.30	162150.30	0.02000
3650	3684	3685	3763	3762	3	150.00	0.35	162150.30	162150.30	0.02000
3651	3685	3686	3764	3763	3	150.00	0.35	162150.30	162150.30	0.02000
3652	3686	3687	3765	3764	3	150.00	0.35	162150.30	162150.30	0.02000
3653	3687	3688	3766	3765	3	150.00	0.35	162150.30	162150.30	0.02000
3654	3688	3689	3767	3766	3	150.00	0.35	162150.30	162150.30	0.02000
3655	3689	3690	3768	3767	3	150.00	0.35	162150.30	162150.30	0.02000
3656	3690	3691	3769	3768	3	150.00	0.35	162150.30	162150.30	0.02000
3657	3691	3692	3770	3769	3	150.00	0.35	162150.30	162150.30	0.02000
3658	3692	3693	3771	3770	3	150.00	0.35	162150.30	162150.30	0.02000
3659	3693	3694	3772	3771	3	150.00	0.35	162150.30	162150.30	0.02000
3660	3694	3695	3773	3772	3	150.00	0.35	162150.30	162150.30	0.02000
3661	3695	3696	3774	3773	3	150.00	0.35	162150.30	162150.30	0.02000
3662	3696	3697	3775	3774	3	150.00	0.35	162150.30	162150.30	0.02000
3663	3697	3698	3776	3775	3	150.00	0.35	162150.30	162150.30	0.02000
3664	3698	3699	3777	3776	3	150.00	0.35	162150.30	162150.30	0.02000
3665	3699	3700	3778	3777	3	150.00	0.35	162150.30	162150.30	0.02000
3666	3700	3701	3779	3778	3	150.00	0.35	162150.30	162150.30	0.02000
3667	3701	3702	3780	3779	3	150.00	0.35	162150.30	162150.30	0.02000
3668	3702	3703	3781	3780	3	150.00	0.35	162150.30	162150.30	0.02000
3669	3703	3704	3782	3781	3	150.00	0.35	162150.30	162150.30	0.02000
3670	3704	3705	3783	3782	3	150.00	0.35	162150.30	162150.30	0.02000
3671	3705	3706	3784	3783	3	150.00	0.35	162150.30	162150.30	0.02000
3672	3706	3707	3785	3784	3	150.00	0.35	162150.30	162150.30	0.02000
3673	3707	3708	3786	3785	3	150.00	0.35	162150.30	162150.30	0.02000
3674	3708	3709	3787	3786	3	150.00	0.35	162150.30	162150.30	0.02000
3675	3709	3710	3788	3787	3	150.00	0.35	162150.30	162150.30	0.02000
3676	3710	3711	3789	3788	3	150.00	0.35	162150.30	162150.30	0.02000
3677	3711	3712	3790	3789	3	150.00	0.35	162150.30	162150.30	0.02000
3678	3712	3713	3791	3790	3	150.00	0.35	162150.30	162150.30	0.02000
3679	3713	3714	3792	3791	3	150.00	0.35	162150.30	162150.30	0.02000
3680	3714	3715	3793	3792	3	150.00	0.35	162150.30	162150.30	0.02000
3681	3715	3716	3794	3793	3	150.00	0.35	162150.30	162150.30	0.02000
3682	3716	3717	3795	3794	3	150.00	0.35	162150.30	162150.30	0.02000
3683	3717	3718	3796	3795	3	150.00	0.35	162150.30	162150.30	0.02000
3684	3718	3719	3797	3796	3	150.00	0.35	162150.30	162150.30	0.02000
3685	3719	3720	3798	3797	3	150.00	0.35	162150.30	162150.30	0.02000
3686	3720	3721	3799	3798	3	150.00	0.35	162150.30	162150.30	0.02000
3687	3721	3722	3800	3799	3	150.00	0.35	162150.30	162150.30	0.02000
3688	3722	3723	3801	3800	3	150.00	0.35	162150.30	162150.30	0.02000
3689	3723	3724	3802	3801	3	150.00	0.35	162150.30	162150.30	0.02000
3690	3724	3725	3803	3802	3	150.00	0.35	162150.30	162150.30	0.02000
3691	3726	3727	3805	3804	1	140.00	0.37	69565.22	69565.22	0.02000
3692	3727	3728	3806	3805	1	140.00	0.37	69565.22	69565.22	0.02000
3693	3728	3729	3807	3806	1	140.00	0.37	69565.22	69565.22	0.02000
3694	3729	3730	3808	3807	1	140.00	0.37	69565.22	69565.22	0.02000
3695	3730	3731	3809	3808	1	140.00	0.37	69565.22	69565.22	0.02000
3696	3731	3732	3810	3809	1	140.00	0.37	69565.22	69565.22	0.02000
3697	3732	3733	3811	3810	1	140.00	0.37	69565.22	69565.22	0.02000
3698	3733	3734	3812	3811	1	140.00	0.37	69565.22	69565.22	0.02000
3699	3734	3735	3813	3812	1	140.00	0.37	69565.22	69565.22	0.02000
3700	3735	3736	3814	3813	1	140.00	0.37	69565.22	69565.22	0.02000
3701	3736	3737	3815	3814	1	140.00	0.37	69565.22	69565.22	0.02000
3702	3737	3738	3816	3815	1	140.00	0.37	69565.22	69565.22	0.02000
3703	3738	3739	3817	3816	1	140.00	0.37	69565.22	69565.22	0.02000
3704	3739	3740	3818	3817	2	145.00	0.35	103751.55	103751.55	0.02000
3705	3740	3741	3819	3818	2	145.00	0.35	103751.55	103751.55	0.02000
3706	3741	3742	3820	3819	2	145.00	0.35	103751.55	103751.55	0.02000
3707	3742	3743	3821	3820	2	145.00	0.35	103751.55	103751.55	0.02000
3708	3743	3744	3822	3821	2	145.00	0.35	103751.55	103751.55	0.02000
3709	3744	3745	3823	3822	2	145.00	0.35	103751.55	103751.55	0.02000
3710	3745	3746	3824	3823	2	145.00	0.35	103751.55	103751.55	0.02000
3711	3746	3747	3825	3824	2	145.00	0.35	103751.55	103751.55	0.02000
3712	3747	3748	3826	3825	2	145.00	0.35	103751.55	103751.55	0.02000
3713	3748	3749	3827	3826	2	145.00	0.35	103751.55	103751.55	0.02000
3714	3749	3750	3828	3827	2	145.00	0.35	103751.55	103751.55	0.02000
3715	3750	3751	3829	3828	2	145.00	0.35	103751.55	103751.55	0.02000
3716	3751	3752	3830	3829	2	145.00	0.35	103751.55	103751.55	0.02000
3717	3752	3753	3831	3830	3	150.00	0.35	162150.30	162150.30	0.02000
3718	3753	3754	3832	3831	3	150.00	0.35	162150.30	162150.30	0.02000
3719	3754	3755	3833	3832	3	150.00	0.35	162150.30	162150.30	0.02000
3720	3755	3756	3834	3833	3	150.00	0.35	162150.30	162150.30	0.02000
3721	3756	3757	3835	3834	3	150.00	0.35	162150.30	162150.30	0.02000
3722	3757	3758	3836	3835	3	150.00	0.35	162150.30	162150.30	0.02000
3723	3758	3759	3837	3836	3	150.00	0.35	162150.30	162150.30	0.02000
3724	3759	3760	3838	3837	3	150.00	0.35	162150.30	162150.30	0.02000
3725	3760	3761	3839	3838	3	150.00	0.35	162150.30	162150.30	0.02000
3726	3761	3762	3840	3839	3	150.00	0.35	162150.30	162150.30	0.02000
3727	3762	3763	3841	3840	3	150.00	0.35	162150.30	162150.30	0.02000
3728	3763	3764	3842	3841	3	150.00	0.35	162150.30	162150.30	0.02000
3729	3764	3765	3843	3842	3	150.00	0.35	162150.30	162150.30	0.02000
3730	3765	3766	3844	3843	3	150.00	0.35	162150.30	162150.30	0.02000
3731	3766	3767	3845	3844	3	150.00	0.35	162150.30	162150.30	0.02000
3732	3767	3768	3846	3845	3	150.00	0.35	162150.30	162150.30	0.02000
3733	3768	3769	3847	3846	3	150.00	0.35	162150.30	162150.30	0.02000
3734	3769	3770	3848	3847	3	150.00	0.35	162150.30	162150.30	0.02000
3735	3770	3771	3849	3848	3	150.00	0.35	162150.30	162150.30	0.02000
3736	3771	3772	3850	3849	3	150.00	0.35	162150.30	162150.30	0.02000
3737	3772	3773	3851	3850	3	150.00	0.35	162150.30	162150.30	0.02000
3738	3773	3774	3852	3851	3	150.00	0.35	162150.30	162150.30	0.02000
3739	3774	3775	3853	3852	3	150.00	0.35	162150.30	162150.30	0.02000
3740	3775	3776	3854	3853	3	150.00	0.35	162150.30	162150.30	0.02000
3741	3776	3777	3855	3854	3	150.00	0.35	162150.30	162150.30	0.02000
3742	3777	3778	3856	3855	3	150.00	0.35	162150.30	162150.30	0.02000
3743	3778	3779	3857	3856	3	150.00	0.35	162150.30	162150.30	0.02000
3744	3779	3780	3858	3857	3	150.00	0.35	162150.30	162150.30	0.02000
3745	3780	3781	3859	3858	3	150.00	0.35	162150.30	162150.30	0.02000
3746	3781	3782	3860	3859	3	150.00	0.35	162150.30	162150.30	0.02000
3747	3782	3783	3861	3860	3	150.00	0.35	162150.30	162150.30	0.02000
3748	3783	3784	3862	3861	3	150.00	0.35	162150.30	162150.30	0.02000
3749	3784	3785	3863	3862	3	150.00	0.35	162150.30	162150.30	0.02000
3750	3785	3786	3864	3863	3	150.00	0.35	162150.30	162150.30	0.02000
3751	3786	3787	3865	3864	3	150.00	0.35	162150.30	162150.30	0.02000
3752	3787	3788	3866	3865	3	150.00	0.35	162150.30	162150.30	0.02000
3753	3788	3789	3867	3866	3	150.00	0.35	162150.30	162150.30	0.02000
3754	3789	3790	3868	3867	3	150.00	0.35	162150.30	162150.30	0.02000
3755	3790	3791	3869	3868	3	150.00	0.35	162150.30	162150.30	0.02000
3756	3791	3792	3870	3869	3	150.00	0.35	162150.30	162150.30	0.02000
3757	3792	3793	3871	3870	3	150.00	0.35	162150.30	162150.30	0.02000
3758	3793	3794	3872	3871	3	150.00	0.35	162150.30	162150.30	0.02000
3759	3794	3795	3873	3872	3	150.00	0.35	162150.30	162150.30	0.02000
3760	3795	3796	3874	3873	3	150.00	0.35	162150.30	162150.30	0.02000
3761	3796	3797	3875	3874	3	150.00	0.35	162150.30	162150.30	0.02000
3762	3797	3798	3876	3875	3	150.00	0.35	162150.30	162150.30	0.02000
3763	3798	3799	3877	3876	3	150.00	0.35	162150.30	162150.30	0.02000
3764	3799	3800	3878	3877	3	150.00	0.35	162150.30	162150.30	0.02000
3765	3800	3801	3879	3878	3	150.00	0.35	162150.30	162150.30	0.02000
3766	3801	3802	3880	3879	3	150.00	0.35	162150.30	162150.30	0.02000
3767	3802	3803	3881	3880	3	150.00	0.35	162150.30	162150.30	0.02000
3768	3804	3805	3883	3882	1	140.00	0.37	69565.22	69565.22	0.02000
3769	3805	3806	3884	3883	1	140.00	0.37	69565.22	69565.22	0.02000
3770	3806	3807	3885	3884	1	140.00	0.37	69565.22	69565.22	0.02000
3771	3807	3808	3886	3885	1	140.00	0.37	69565.22	69565.22	0.02000
3772	3808	3809	3887	3886	1	140.00	0.37	69565.22	69565.22	0.02000

3773	3809	3810	3888	3887	1	140.00	0.37	69565.22	69565.22	0.02000
3774	3810	3811	3889	3888	1	140.00	0.37	69565.22	69565.22	0.02000
3775	3811	3812	3890	3889	1	140.00	0.37	69565.22	69565.22	0.02000
3776	3812	3813	3891	3890	1	140.00	0.37	69565.22	69565.22	0.02000
3777	3813	3814	3892	3891	1	140.00	0.37	69565.22	69565.22	0.02000
3778	3814	3815	3893	3892	1	140.00	0.37	69565.22	69565.22	0.02000
3779	3815	3816	3894	3893	1	140.00	0.37	69565.22	69565.22	0.02000
3780	3816	3817	3895	3894	1	140.00	0.37	69565.22	69565.22	0.02000
3781	3817	3818	3896	3895	2	145.00	0.35	103751.55	103751.55	0.02000
3782	3818	3819	3897	3896	2	145.00	0.35	103751.55	103751.55	0.02000
3783	3819	3820	3898	3897	2	145.00	0.35	103751.55	103751.55	0.02000
3784	3820	3821	3899	3898	2	145.00	0.35	103751.55	103751.55	0.02000
3785	3821	3822	3900	3899	2	145.00	0.35	103751.55	103751.55	0.02000
3786	3822	3823	3901	3900	2	145.00	0.35	103751.55	103751.55	0.02000
3787	3823	3824	3902	3901	2	145.00	0.35	103751.55	103751.55	0.02000
3788	3824	3825	3903	3902	2	145.00	0.35	103751.55	103751.55	0.02000
3789	3825	3826	3904	3903	2	145.00	0.35	103751.55	103751.55	0.02000
3790	3826	3827	3905	3904	2	145.00	0.35	103751.55	103751.55	0.02000
3791	3827	3828	3906	3905	2	145.00	0.35	103751.55	103751.55	0.02000
3792	3828	3829	3907	3906	2	145.00	0.35	103751.55	103751.55	0.02000
3793	3829	3830	3908	3907	2	145.00	0.35	103751.55	103751.55	0.02000
3794	3830	3831	3909	3908	3	150.00	0.35	162150.30	162150.30	0.02000
3795	3831	3832	3910	3909	3	150.00	0.35	162150.30	162150.30	0.02000
3796	3832	3833	3911	3910	3	150.00	0.35	162150.30	162150.30	0.02000
3797	3833	3834	3912	3911	3	150.00	0.35	162150.30	162150.30	0.02000
3798	3834	3835	3913	3912	3	150.00	0.35	162150.30	162150.30	0.02000
3799	3835	3836	3914	3913	3	150.00	0.35	162150.30	162150.30	0.02000
3800	3836	3837	3915	3914	3	150.00	0.35	162150.30	162150.30	0.02000
3801	3837	3838	3916	3915	3	150.00	0.35	162150.30	162150.30	0.02000
3802	3838	3839	3917	3916	3	150.00	0.35	162150.30	162150.30	0.02000
3803	3839	3840	3918	3917	3	150.00	0.35	162150.30	162150.30	0.02000
3804	3840	3841	3919	3918	3	150.00	0.35	162150.30	162150.30	0.02000
3805	3841	3842	3920	3919	3	150.00	0.35	162150.30	162150.30	0.02000
3806	3842	3843	3921	3920	3	150.00	0.35	162150.30	162150.30	0.02000
3807	3843	3844	3922	3921	3	150.00	0.35	162150.30	162150.30	0.02000
3808	3844	3845	3923	3922	3	150.00	0.35	162150.30	162150.30	0.02000
3809	3845	3846	3924	3923	3	150.00	0.35	162150.30	162150.30	0.02000
3810	3846	3847	3925	3924	3	150.00	0.35	162150.30	162150.30	0.02000
3811	3847	3848	3926	3925	3	150.00	0.35	162150.30	162150.30	0.02000
3812	3848	3849	3927	3926	3	150.00	0.35	162150.30	162150.30	0.02000
3813	3849	3850	3928	3927	3	150.00	0.35	162150.30	162150.30	0.02000
3814	3850	3851	3929	3928	3	150.00	0.35	162150.30	162150.30	0.02000
3815	3851	3852	3930	3929	3	150.00	0.35	162150.30	162150.30	0.02000
3816	3852	3853	3931	3930	3	150.00	0.35	162150.30	162150.30	0.02000
3817	3853	3854	3932	3931	3	150.00	0.35	162150.30	162150.30	0.02000
3818	3854	3855	3933	3932	3	150.00	0.35	162150.30	162150.30	0.02000
3819	3855	3856	3934	3933	3	150.00	0.35	162150.30	162150.30	0.02000
3820	3856	3857	3935	3934	3	150.00	0.35	162150.30	162150.30	0.02000
3821	3857	3858	3936	3935	3	150.00	0.35	162150.30	162150.30	0.02000
3822	3858	3859	3937	3936	3	150.00	0.35	162150.30	162150.30	0.02000
3823	3859	3860	3938	3937	3	150.00	0.35	162150.30	162150.30	0.02000
3824	3860	3861	3939	3938	3	150.00	0.35	162150.30	162150.30	0.02000
3825	3861	3862	3940	3939	3	150.00	0.35	162150.30	162150.30	0.02000
3826	3862	3863	3941	3940	3	150.00	0.35	162150.30	162150.30	0.02000
3827	3863	3864	3942	3941	3	150.00	0.35	162150.30	162150.30	0.02000
3828	3864	3865	3943	3942	3	150.00	0.35	162150.30	162150.30	0.02000
3829	3865	3866	3944	3943	3	150.00	0.35	162150.30	162150.30	0.02000
3830	3866	3867	3945	3944	3	150.00	0.35	162150.30	162150.30	0.02000
3831	3867	3868	3946	3945	3	150.00	0.35	162150.30	162150.30	0.02000
3832	3868	3869	3947	3946	3	150.00	0.35	162150.30	162150.30	0.02000
3833	3869	3870	3948	3947	3	150.00	0.35	162150.30	162150.30	0.02000
3834	3870	3871	3949	3948	3	150.00	0.35	162150.30	162150.30	0.02000
3835	3871	3872	3950	3949	3	150.00	0.35	162150.30	162150.30	0.02000
3836	3872	3873	3951	3950	3	150.00	0.35	162150.30	162150.30	0.02000
3837	3873	3874	3952	3951	3	150.00	0.35	162150.30	162150.30	0.02000
3838	3874	3875	3953	3952	3	150.00	0.35	162150.30	162150.30	0.02000
3839	3875	3876	3954	3953	3	150.00	0.35	162150.30	162150.30	0.02000
3840	3876	3877	3955	3954	3	150.00	0.35	162150.30	162150.30	0.02000
3841	3877	3878	3956	3955	3	150.00	0.35	162150.30	162150.30	0.02000
3842	3878	3879	3957	3956	3	150.00	0.35	162150.30	162150.30	0.02000
3843	3879	3880	3958	3957	3	150.00	0.35	162150.30	162150.30	0.02000
3844	3880	3881	3959	3958	3	150.00	0.35	162150.30	162150.30	0.02000
3845	3882	3883	3961	3960	1	140.00	0.37	69565.22	69565.22	0.02000
3846	3883	3884	3962	3961	1	140.00	0.37	69565.22	69565.22	0.02000
3847	3884	3885	3963	3962	1	140.00	0.37	69565.22	69565.22	0.02000
3848	3885	3886	3964	3963	1	140.00	0.37	69565.22	69565.22	0.02000
3849	3886	3887	3965	3964	1	140.00	0.37	69565.22	69565.22	0.02000
3850	3887	3888	3966	3965	1	140.00	0.37	69565.22	69565.22	0.02000
3851	3888	3889	3967	3966	1	140.00	0.37	69565.22	69565.22	0.02000
3852	3889	3890	3968	3967	1	140.00	0.37	69565.22	69565.22	0.02000
3853	3890	3891	3969	3968	1	140.00	0.37	69565.22	69565.22	0.02000
3854	3891	3892	3970	3969	1	140.00	0.37	69565.22	69565.22	0.02000
3855	3892	3893	3971	3970	1	140.00	0.37	69565.22	69565.22	0.02000
3856	3893	3894	3972	3971	1	140.00	0.37	69565.22	69565.22	0.02000
3857	3894	3895	3973	3972	1	140.00	0.37	69565.22	69565.22	0.02000
3858	3895	3896	3974	3973	2	145.00	0.35	103751.55	103751.55	0.02000
3859	3896	3897	3975	3974	2	145.00	0.35	103751.55	103751.55	0.02000
3860	3897	3898	3976	3975	2	145.00	0.35	103751.55	103751.55	0.02000
3861	3898	3899	3977	3976	2	145.00	0.35	103751.55	103751.55	0.02000
3862	3899	3900	3978	3977	2	145.00	0.35	103751.55	103751.55	0.02000
3863	3900	3901	3979	3978	2	145.00	0.35	103751.55	103751.55	0.02000
3864	3901	3902	3980	3979	2	145.00	0.35	103751.55	103751.55	0.02000
3865	3902	3903	3981	3980	2	145.00	0.35	103751.55	103751.55	0.02000
3866	3903	3904	3982	3981	2	145.00	0.35	103751.55	103751.55	0.02000
3867	3904	3905	3983	3982	2	145.00	0.35	103751.55	103751.55	0.02000
3868	3905	3906	3984	3983	2	145.00	0.35	103751.55	103751.55	0.02000
3869	3906	3907	3985	3984	2	145.00	0.35	103751.55	103751.55	0.02000
3870	3907	3908	3986	3985	2	145.00	0.35	103751.55	103751.55	0.02000
3871	3908	3909	3987	3986	3	150.00	0.35	162150.30	162150.30	0.02000
3872	3909	3910	3988	3987	3	150.00	0.35	162150.30	162150.30	0.02000
3873	3910	3911	3989	3988	3	150.00	0.35	162150.30	162150.30	0.02000
3874	3911	3912	3990	3989	3	150.00	0.35	162150.30	162150.30	0.02000
3875	3912	3913	3991	3990	3	150.00	0.35	162150.30	162150.30	0.02000
3876	3913	3914	3992	3991	3	150.00	0.35	162150.30	162150.30	0.02000
3877	3914	3915	3993	3992	3	150.00	0.35	162150.30	162150.30	0.02000
3878	3915	3916	3994	3993	3	150.00	0.35	162150.30	162150.30	0.02000
3879	3916	3917	3995	3994	3	150.00	0.35	162150.30	162150.30	0.02000
3880	3917	3918	3996	3995	3	150.00	0.35	162150.30	162150.30	0.02000
3881	3918	3919	3997	3996	3	150.00	0.35	162150.30	162150.30	0.02000
3882	3919	3920	3998	3997	3	150.00	0.35	162150.30	162150.30	0.02000
3883	3920	3921	3999	3998	3	150.00	0.35	162150.30	162150.30	0.02000
3884	3921	3922	4000	3999	3	150.00	0.35	162150.30	162150.30	0.02000
3885	3922	3923	4001	4000	3	150.00	0.35	162150.30	162150.30	0.02000
3886	3923	3924	4002	4001	3	150.00	0.35	162150.30	162150.30	0.02000
3887	3924	3925	4003	4002	3	150.00	0.35	162150.30	162150.30	0.02000
3888	3925	3926	4004	4003	3	150.00	0.35	162150.30	162150.30	0.02000
3889	3926	3927	4005	4004	3	150.00	0.35	162150.30	162150.30	0.02000
3890	3927	3928	4006	4005	3	150.00	0.35	162150.30	162150.30	0.02000
3891	3928	3929	4007	4006	3	150.00	0.35	162150.30	162150.30	0.02000
3892	3929	3930	4008	4007	3	150.00	0.35	162150.30	162150.30	0.02000
3893	3930	3931	4009	4008	3	150.00	0.35	162150.30	162150.30	0.02000
3894	3931	3932	4010	4009	3	150.00	0.35	162150.30	162150.30	0.02000
3895	3932	3933	4011	4010	3	150.00	0.35	162150.30	162150.30	0.02000
3896	3933	3934	4012	4011	3	150.00	0.35	162150.30	162150.30	0.02000
3897	3934	3935	4013	4012	3	150.00	0.35	162150.30	162150.30	0.02000
3898	3935	3936	4014	4013	3	150.00	0.35	162150.30	162150.30	0.02000
3899	3936	3937	4015	4014	3	150.00	0.35	162150.30	162150.30	0.02000
3900	3937	3938	4016	4015	3	150.00	0.35	162150.30	162150.30	0.02000
3901	3938	3939	4017	4016	3	150.00	0.35	162150.30	162150.30	0.02000
3902	3939	3940	4018	4017	3	150.00	0.35	162150.30	162150.30	0.02000
3903	3940	3941	4019	4018	3	150.00	0.35	162150.30	162150.30	0.02000
3904	3941	3942	4020	4019	3	150.00	0.35	162150.30	162150.30	0.02000
3905	3942	3943	4021	4020	3	150.00	0.35	162150.30	162150.30	0.02000
3906	3943	3944	4022	4021	3	150.00	0.35	162150.30	162150.30	0.02000
3907	3944	3945	4023	4022	3	150.00	0.35	162150.30	162150.30	0.02000
3908	3945	3946	4024	4023	3	150.00	0.35	162150.30	162150.30	0.02000
3909	3946	3947	4025	4024	3	150.00	0.35	162150.30	162150.30	0.02000
3910	3947	3948	4026	4025	3	150.00	0.35	162150.30	162150.30	0.02000
3911	3948	3949	4027	4026	3	150.00	0.35	162150.30	162150.30	0.02000
3912	3949	3950	4028	4027	3	150.00	0.35	162150.30	162150.30	0.02000
3913	3950	3951	4029	4028	3	150.00	0.35	162150.30	162150.30	0.02000
3914	3951	3952	4030	4029	3	150.00	0.35	162150.30	162150.30	0.02000
3915	3952	3953	4031	4030	3	150.00	0.35	162150.30	162150.30	0.02000
3916	3953	3954	4032	4031	3	150.00	0.35	162150.30	162150.30	0.02000
3917	3954	3955	4033	4032	3	150.00	0.35	162150.30	162150.30	0.02000
3918	3955	3956	4034	4033	3	150.00	0.35	162150.30	162150.30	0.02000
3919	3956	3957	4035	4034	3	150.00	0.35	162150.30	162150.30	0.02000
3920	3957	3958	4036	4035	3	150.00	0.35	162150.30	162150.30	0.02000
3921	3958	3959	4037	4036	3	150.00	0.35	162150.30	162150.30	0.02000
3922	3960	3961	4039	4038	1	140.00	0.37	69565.22	69565.22	0.02000
3923	3961	3962	4040	4039	1	140.00	0.37	69565.22	69565.22	0.02000
3924	3962	3963	4041	4040	1	140.00	0.37	69565.22	69565.22	0.02000
3925	3963	3964	4042	4041	1	140.00	0.37	69565.22	69565.22	0.02000
3926	3964	3965	4043	4042	1	140.00	0.37	69565.22	69565.22	0.02000
3927	3965	3966	4044	4043	1	140.00	0.37	69565.22	69565.22	0.02000
3928	3966	3967	4045	4044	1	140.00	0.37	69565.22	69565.22	0.02000
3929	3967	3968	4046	4045	1	140.00	0.37	69565.22	69565.22	0.02000
3930	3968	3969	4047	4046	1	140.00	0.37	69565.22	69565.22	0.02000
3931	3969	3970	4048	4047	1	140.00	0.37	69565.22	69565.22	0.02000
3932	3970	3971	4049	4048	1	140.00	0.37	69565.22	69565.22	0.02000
3933	3971	3972	4050	4049	1	140.00	0.37	69565.22	69565.22	0.02000
3934	3972	3973	4051	4050	1	140.00	0.37	69565.22	69565.22	0.02000
3935	3973	3974	4052	4051	2	145.00	0.35	103751.55	103751.55	0.02000
3936	3974	3975	4053	4052	2	145.00	0.35	103751.55	103751.55	0.02000
3937	3975	3976	4054	4053	2	145.00	0.35	103751.55	103751.55	0.02000
3938	3976	3977	4055	4054	2	145.00	0.35	103751.55	103751.55	0.02000
3939	3977	3978	4056	4055	2	145.00	0.35	103751.55	103751.55	0.02000
3940	3978	3979	4057	4056	2	145.00	0.35	103751.55	103751.55	0.02000
3941	3979	3980	4058	4057	2	145.00	0.35	103751.55	103751.55	0.02000
3942	3980	3981	4059	4058	2	145.00	0.35	103751.55	103751.55	0.02000
3943	3981	3982	4060	4059	2	145.00	0.35	103751.55	103751.55	0.02000
3944	3982	3983	4061	4060	2	145.00	0.35	103751.55	103751.55	0.02000
3945	3983	3984	4062	4061	2	145.00	0.35	103751.55	103751.55	0.02000
3946	3984	3985	4063	4062	2	145.00	0.35	103751.55	103751.55	0.02000
3947	3985	3986	4064	4063	2	145.00	0.35	103751.55	103751.55	0.02000
3948	3986	3987	4065	4064	3	150.00	0.35	162150.30	162150.30	0.02000
3949	3987	3988	4066	4065	3	150.00	0.35	162150.30	162150.30	0.02000
3950	3988	3989	4067	4066	3	150.00	0.35	162150.30	162150.30	0.02000
3951	3989	3990	4068	4067	3	150.00	0.35	162150.30	162150.30	0.02000
3952	3990	3991	4069	4068	3	150.00	0.35	162150.30	162150.30	0.02000
3953	3991	3992	4070	4069	3	150.00	0.35	162150.30	162150.30	0.02000
3954	3992	3993	4071	4070	3	150.00	0.35	162150.30	162150.30	0.02000
3955	3993	3994	4072	4071	3	150.00	0.35	162150.30	162150.30	0.02000
3956	3994	3995	4073	4072	3	150.00	0.35	162150.30	162150.30	0.02000
3957	3995	3996	4074	4073	3	150.00	0.35	162150.30	162150.30	0.02000
3958	3996	3997	4075	4074	3	150.00	0.35	162150.30	162150.30	0.02000
3959	3997	3998	4076	4075	3	150.00	0.35	162150.30	162150.30	0.02000
3960	3998	3999	4077	4076	3	150.00	0.35	162150.30	162150.30	0.02000
3961	3999	4000	4078	4077	3	150.00	0.35	162150.30	162150.30	0.02000
3962	4000	4001	4079	4078	3	150.00	0.35	162150.30	162150.30	0.02000
3963	4001	4002	4080	4079	3	150.00	0.35	162150.30	162150.30	0.02000
3964	4002	4003	4081	4080	3	150.00	0.35	162150.30	162150.30	0.02000
3965	4003	4004	4082	4081	3	150.00	0.35	162150.30	162150.30	0.02000
3966	4004	4005	4083	4082	3	150.00	0.35	162150.30	162150.30	0.02000
3967	4005	4006	4084	4083	3	150.00	0.35	162150.30	162150.30	0.02000
3968	4006	4007	4085	4084	3	150.00	0.35	162150.30	162150.30	0.02000
3969	4007	4008	4086	4085	3	150.00	0.35	162150.30	162150.30	0.02000
3970	4008	4009	4087	4086	3	150.00	0.35	162150.30	162150.30	0.02000
3971	4009	4010	4088	4087	3	150.00	0.35	162150.30	162150.30	0.02000
3972	4010	4011	4089	4088	3	150.00	0.35	162150.30	162150.30	0.02000
3973	4011	4012	4090	4089	3	150.00	0.35	162150.30	162150.30	0.02000
3974	4012	4013	4091	4090	3	150.00	0.35	162150.30	162150.30	0.02000
3975	4013	4014	4092	4091	3	150.00	0.35	162150.30	162150.30	0.02000
3976	4014	4015	4093	4092	3	150.00	0.35	162150.30	162150.30	0.02000
3977	4015	4016	4094	4093	3	150.00	0.35	162150.30	162150.30	0.02000
3978	4016	4017	4095	4094	3	150.00	0.35	162150.30	162150.30	0.02000
3979	4017	4018	4096	4095	3	150.00	0.35	162150.30	162150.30	0.02000
3980	4018	4019	4097	4096	3	150.00	0.35	162150.30	162150.30	0.02000
3981	4019	4020	4098	4097	3	150.00	0.35	162150.30	162150.30	0.02000
3982	4020	4021	4099	4098	3	150.00	0.35	162150.30	162150.30	0.02000
3983	4021	4022	4100	4099	3	150.00	0.35	162150.30	162150.30	0.02000
3984	4022	4023	4101	4100	3	150.00	0.35	162150.30	162150.30	0.02000
3985	4023	4024	4102	4101	3	150.00	0.35	162150.30	162150.30	0.02000
3986	4024	4025	4103	4102	3	150.00	0.35	162150.30	162150.30	0.02000
3987	4025	4026	4104	4103	3	150.00	0.35	162150.30	162150.30	0.02000
3988	4026	4027	4105	4104	3	150.00	0.35	162150.30	162150.30	0.02000
3989	4027	4028	4106	4105	3	150.00	0.35	162150.30	162150.30	0.02000
3990	4028	4029	4107	4106	3	150.00	0.35	162150.30	162150.30	0.02000
3991	4029	4030	4108	4107	3	150.00	0.35	162150.30	162150.30	0.02000
3992	4030	4031	4109	4108	3	150.00	0.35	162150.30	162150.30	0.02000
3993	4031	4032	4110	4109	3	150.00	0.35	162150.30	162150.30	0.02000
3994	4032	4033	4111	4110	3	150.00	0.35	162150.30	162150.30	0.02000
3995	4033	4034	4112	4111	3	150.00	0.35	162150.30	162150.30	0.02000
3996	4034	4035	4113	4112	3	150.00	0.35	162150.30	162150.30	0.02000
3997	4035	4036	4114	4113	3	150.00	0.35	162150.30	162150.30	0.02000
3998	4036	4037	4115	4114	3	150.00	0.35	162150.30	162150.30	0.02000
3999	4038	4039	4117	4116	1	140.00	0.37	69565.22	69565.22	0.02000
4000	4039	4040	4118	4117	1	140.00	0.37	69565.22	69565.22	0.02000
4001	4040	4041	4119	4118	1	140.00	0.37	69565.22	69565.22	0.02000
4002	4041	4042	4120	4119	1	140.00	0.37	69565.22	69565.22	0.02000
4003	4042	4043	4121	4120	1	140.00	0.37	69565.22	69565.22	0.02000
4004	4043	4044	4122	4121	1	140.00	0.37	69565.22	69565.22	0.02000
4005	4044	4045	4123	4122	1	140.00	0.37	69565.22	69565.22	0.02000
4006	4045	4046	4124	4123	1	140.00	0.37	69565.22	69565.22	0.02000
4007	4046	4047	4125	4124	1	140.00	0.37	69565.22	69565.22	0.02000
4008	4047	4048	4126	4125	1	140.00	0.37	69565.22	69565.22	0.02000
4009	4048	4049	4127	4126	1	140.00	0.37	69565.22	69565.22	0.02000
4010	4049	4050	4128	4127	1	140.00	0.37	69565.22	69565.22	0.02000
4011	4050	4051	4129	4128	1	140.00	0.37	69565.22	69565.22	0.02000
4012	4051	4052	4130	4129	2	145.00	0.35	103751.55	103751.55	0.02000
4013	4052	4053	4131	4130	2	145.00	0.35	103751.55	103751.55	0.02000
4014	4053	4054	4132	4131	2	145.00	0.35	103751.55	103751.55	0.02000
4015	4054	4055	4133	4132	2	145.00	0.35	103751.55	103751.55	0.02000
4016	4055	4056	4134	4133	2	145.00	0.35	103751.55	103751.55	0.02000
4017	4056	4057	4135	4134	2	145.00	0.35	103751.55	103751.55	0.02000
4018	4057	4058	4136	4135	2	145.00	0.35	103751.55	103751.55	0.02000
4019	4058	4059	4137	4136	2	145.00	0.35	103751.55	103751.55	0.02000
4020	4059	4060	4138	4137	2	145.00	0.35	103751.55	103751.55	0.02000
4021	4060	4061	4139	4138	2	145.00	0.35	103751.55	103751.55	0.02000
4022	4061	4062	4140	4139	2	145.00	0.35	103751.55	103751.55	0.02000
4023	4062	4063	4141	4140	2	145.00	0.35	103751.55	103751.55	0.02000
4024	4063	4064	4142	4141	2	145.00	0.35	103751.55	103751.55	0.02000
4025	4064	4065	4143	4142	3	150.00	0.35	162150.30	162150.30	0.02000
4026	4065	4066	4144	4143	3	150.00	0.35	162150.30	162150.30	0.02000

4027	4066	4067	4145	4144	3	150.00	0.35	162150.38	162150.38	0.02000
4028	4067	4068	4146	4145	3	150.00	0.35	162150.38	162150.38	0.02000
4029	4068	4069	4147	4146	3	150.00	0.35	162150.38	162150.38	0.02000
4030	4069	4070	4148	4147	3	150.00	0.35	162150.38	162150.38	0.02000
4031	4070	4071	4149	4148	3	150.00	0.35	162150.38	162150.38	0.02000
4032	4071	4072	4150	4149	3	150.00	0.35	162150.38	162150.38	0.02000
4033	4072	4073	4151	4150	3	150.00	0.35	162150.38	162150.38	0.02000
4034	4073	4074	4152	4151	3	150.00	0.35	162150.38	162150.38	0.02000
4035	4074	4075	4153	4152	3	150.00	0.35	162150.38	162150.38	0.02000
4036	4075	4076	4154	4153	3	150.00	0.35	162150.38	162150.38	0.02000
4037	4076	4077	4155	4154	3	150.00	0.35	162150.38	162150.38	0.02000
4038	4077	4078	4156	4155	3	150.00	0.35	162150.38	162150.38	0.02000
4039	4078	4079	4157	4156	3	150.00	0.35	162150.38	162150.38	0.02000
4040	4079	4080	4158	4157	3	150.00	0.35	162150.38	162150.38	0.02000
4041	4080	4081	4159	4158	3	150.00	0.35	162150.38	162150.38	0.02000
4042	4081	4082	4160	4159	3	150.00	0.35	162150.38	162150.38	0.02000
4043	4082	4083	4161	4160	3	150.00	0.35	162150.38	162150.38	0.02000
4044	4083	4084	4162	4161	3	150.00	0.35	162150.38	162150.38	0.02000
4045	4084	4085	4163	4162	3	150.00	0.35	162150.38	162150.38	0.02000
4046	4085	4086	4164	4163	3	150.00	0.35	162150.38	162150.38	0.02000
4047	4086	4087	4165	4164	3	150.00	0.35	162150.38	162150.38	0.02000
4048	4087	4088	4166	4165	3	150.00	0.35	162150.38	162150.38	0.02000
4049	4088	4089	4167	4166	3	150.00	0.35	162150.38	162150.38	0.02000
4050	4089	4090	4168	4167	3	150.00	0.35	162150.38	162150.38	0.02000
4051	4090	4091	4169	4168	3	150.00	0.35	162150.38	162150.38	0.02000
4052	4091	4092	4170	4169	3	150.00	0.35	162150.38	162150.38	0.02000
4053	4092	4093	4171	4170	3	150.00	0.35	162150.38	162150.38	0.02000
4054	4093	4094	4172	4171	3	150.00	0.35	162150.38	162150.38	0.02000
4055	4094	4095	4173	4172	3	150.00	0.35	162150.38	162150.38	0.02000
4056	4095	4096	4174	4173	3	150.00	0.35	162150.38	162150.38	0.02000
4057	4096	4097	4175	4174	3	150.00	0.35	162150.38	162150.38	0.02000
4058	4097	4098	4176	4175	3	150.00	0.35	162150.38	162150.38	0.02000
4059	4098	4099	4177	4176	3	150.00	0.35	162150.38	162150.38	0.02000
4060	4099	4100	4178	4177	3	150.00	0.35	162150.38	162150.38	0.02000
4061	4100	4101	4179	4178	3	150.00	0.35	162150.38	162150.38	0.02000
4062	4101	4102	4180	4179	3	150.00	0.35	162150.38	162150.38	0.02000
4063	4102	4103	4181	4180	3	150.00	0.35	162150.38	162150.38	0.02000
4064	4103	4104	4182	4181	3	150.00	0.35	162150.38	162150.38	0.02000
4065	4104	4105	4183	4182	3	150.00	0.35	162150.38	162150.38	0.02000
4066	4105	4106	4184	4183	3	150.00	0.35	162150.38	162150.38	0.02000
4067	4106	4107	4185	4184	3	150.00	0.35	162150.38	162150.38	0.02000
4068	4107	4108	4186	4185	3	150.00	0.35	162150.38	162150.38	0.02000
4069	4108	4109	4187	4186	3	150.00	0.35	162150.38	162150.38	0.02000
4070	4109	4110	4188	4187	3	150.00	0.35	162150.38	162150.38	0.02000
4071	4110	4111	4189	4188	3	150.00	0.35	162150.38	162150.38	0.02000
4072	4111	4112	4190	4189	3	150.00	0.35	162150.38	162150.38	0.02000
4073	4112	4113	4191	4190	3	150.00	0.35	162150.38	162150.38	0.02000
4074	4113	4114	4192	4191	3	150.00	0.35	162150.38	162150.38	0.02000
4075	4114	4115	4193	4192	3	150.00	0.35	162150.38	162150.38	0.02000
4076	4116	4117	4195	4194	1	140.00	0.37	69565.22	69565.22	0.02000
4077	4117	4118	4196	4195	1	140.00	0.37	69565.22	69565.22	0.02000
4078	4118	4119	4197	4196	1	140.00	0.37	69565.22	69565.22	0.02000
4079	4119	4120	4198	4197	1	140.00	0.37	69565.22	69565.22	0.02000
4080	4120	4121	4199	4198	1	140.00	0.37	69565.22	69565.22	0.02000
4081	4121	4122	4200	4199	1	140.00	0.37	69565.22	69565.22	0.02000
4082	4122	4123	4201	4200	1	140.00	0.37	69565.22	69565.22	0.02000
4083	4123	4124	4202	4201	1	140.00	0.37	69565.22	69565.22	0.02000
4084	4124	4125	4203	4202	1	140.00	0.37	69565.22	69565.22	0.02000
4085	4125	4126	4204	4203	1	140.00	0.37	69565.22	69565.22	0.02000
4086	4126	4127	4205	4204	1	140.00	0.37	69565.22	69565.22	0.02000
4087	4127	4128	4206	4205	1	140.00	0.37	69565.22	69565.22	0.02000
4088	4128	4129	4207	4206	1	140.00	0.37	69565.22	69565.22	0.02000
4089	4129	4130	4208	4207	2	145.00	0.35	103751.55	103751.55	0.02000
4090	4130	4131	4209	4208	2	145.00	0.35	103751.55	103751.55	0.02000
4091	4131	4132	4210	4209	2	145.00	0.35	103751.55	103751.55	0.02000
4092	4132	4133	4211	4210	2	145.00	0.35	103751.55	103751.55	0.02000
4093	4133	4134	4212	4211	2	145.00	0.35	103751.55	103751.55	0.02000
4094	4134	4135	4213	4212	2	145.00	0.35	103751.55	103751.55	0.02000
4095	4135	4136	4214	4213	2	145.00	0.35	103751.55	103751.55	0.02000
4096	4136	4137	4215	4214	2	145.00	0.35	103751.55	103751.55	0.02000
4097	4137	4138	4216	4215	2	145.00	0.35	103751.55	103751.55	0.02000
4098	4138	4139	4217	4216	2	145.00	0.35	103751.55	103751.55	0.02000
4099	4139	4140	4218	4217	2	145.00	0.35	103751.55	103751.55	0.02000
4100	4140	4141	4219	4218	2	145.00	0.35	103751.55	103751.55	0.02000
4101	4141	4142	4220	4219	2	145.00	0.35	103751.55	103751.55	0.02000
4102	4142	4143	4221	4220	3	150.00	0.35	162150.38	162150.38	0.02000
4103	4143	4144	4222	4221	3	150.00	0.35	162150.38	162150.38	0.02000
4104	4144	4145	4223	4222	3	150.00	0.35	162150.38	162150.38	0.02000
4105	4145	4146	4224	4223	3	150.00	0.35	162150.38	162150.38	0.02000
4106	4146	4147	4225	4224	3	150.00	0.35	162150.38	162150.38	0.02000
4107	4147	4148	4226	4225	3	150.00	0.35	162150.38	162150.38	0.02000
4108	4148	4149	4227	4226	3	150.00	0.35	162150.38	162150.38	0.02000
4109	4149	4150	4228	4227	3	150.00	0.35	162150.38	162150.38	0.02000
4110	4150	4151	4229	4228	3	150.00	0.35	162150.38	162150.38	0.02000
4111	4151	4152	4230	4229	3	150.00	0.35	162150.38	162150.38	0.02000
4112	4152	4153	4231	4230	3	150.00	0.35	162150.38	162150.38	0.02000
4113	4153	4154	4232	4231	3	150.00	0.35	162150.38	162150.38	0.02000
4114	4154	4155	4233	4232	3	150.00	0.35	162150.38	162150.38	0.02000
4115	4155	4156	4234	4233	3	150.00	0.35	162150.38	162150.38	0.02000
4116	4156	4157	4235	4234	3	150.00	0.35	162150.38	162150.38	0.02000
4117	4157	4158	4236	4235	3	150.00	0.35	162150.38	162150.38	0.02000
4118	4158	4159	4237	4236	3	150.00	0.35	162150.38	162150.38	0.02000
4119	4159	4160	4238	4237	3	150.00	0.35	162150.38	162150.38	0.02000
4120	4160	4161	4239	4238	3	150.00	0.35	162150.38	162150.38	0.02000
4121	4161	4162	4240	4239	3	150.00	0.35	162150.38	162150.38	0.02000
4122	4162	4163	4241	4240	3	150.00	0.35	162150.38	162150.38	0.02000
4123	4163	4164	4242	4241	3	150.00	0.35	162150.38	162150.38	0.02000
4124	4164	4165	4243	4242	3	150.00	0.35	162150.38	162150.38	0.02000
4125	4165	4166	4244	4243	3	150.00	0.35	162150.38	162150.38	0.02000
4126	4166	4167	4245	4244	3	150.00	0.35	162150.38	162150.38	0.02000
4127	4167	4168	4246	4245	3	150.00	0.35	162150.38	162150.38	0.02000
4128	4168	4169	4247	4246	3	150.00	0.35	162150.38	162150.38	0.02000
4129	4169	4170	4248	4247	3	150.00	0.35	162150.38	162150.38	0.02000
4130	4170	4171	4249	4248	3	150.00	0.35	162150.38	162150.38	0.02000
4131	4171	4172	4250	4249	3	150.00	0.35	162150.38	162150.38	0.02000
4132	4172	4173	4251	4250	3	150.00	0.35	162150.38	162150.38	0.02000
4133	4173	4174	4252	4251	3	150.00	0.35	162150.38	162150.38	0.02000
4134	4174	4175	4253	4252	3	150.00	0.35	162150.38	162150.38	0.02000
4135	4175	4176	4254	4253	3	150.00	0.35	162150.38	162150.38	0.02000
4136	4176	4177	4255	4254	3	150.00	0.35	162150.38	162150.38	0.02000
4137	4177	4178	4256	4255	3	150.00	0.35	162150.38	162150.38	0.02000
4138	4178	4179	4257	4256	3	150.00	0.35	162150.38	162150.38	0.02000
4139	4179	4180	4258	4257	3	150.00	0.35	162150.38	162150.38	0.02000
4140	4180	4181	4259	4258	3	150.00	0.35	162150.38	162150.38	0.02000
4141	4181	4182	4260	4259	3	150.00	0.35	162150.38	162150.38	0.02000
4142	4182	4183	4261	4260	3	150.00	0.35	162150.38	162150.38	0.02000
4143	4183	4184	4262	4261	3	150.00	0.35	162150.38	162150.38	0.02000
4144	4184	4185	4263	4262	3	150.00	0.35	162150.38	162150.38	0.02000
4145	4185	4186	4264	4263	3	150.00	0.35	162150.38	162150.38	0.02000
4146	4186	4187	4265	4264	3	150.00	0.35	162150.38	162150.38	0.02000
4147	4187	4188	4266	4265	3	150.00	0.35	162150.38	162150.38	0.02000
4148	4188	4189	4267	4266	3	150.00	0.35	162150.38	162150.38	0.02000
4149	4189	4190	4268	4267	3	150.00	0.35	162150.38	162150.38	0.02000
4150	4190	4191	4269	4268	3	150.00	0.35	162150.38	162150.38	0.02000
4151	4191	4192	4270	4269	3	150.00	0.35	162150.38	162150.38	0.02000
4152	4192	4193	4271	4270	3	150.00	0.35	162150.38	162150.38	0.02000
4153	4194	4195	4273	4272	1	140.00	0.37	69565.22	69565.22	0.02000
4154	4195	4196	4274	4273	1	140.00	0.37	69565.22	69565.22	0.02000
4155	4196	4197	4275	4274	1	140.00	0.37	69565.22	69565.22	0.02000
4156	4197	4198	4276	4275	1	140.00	0.37	69565.22	69565.22	0.02000
4157	4198	4199	4277	4276	1	140.00	0.37	69565.22	69565.22	0.02000
4158	4199	4200	4278	4277	1	140.00	0.37	69565.22	69565.22	0.02000
4159	4200	4201	4279	4278	1	140.00	0.37	69565.22	69565.22	0.02000
4160	4201	4202	4280	4279	1	140.00	0.37	69565.22	69565.22	0.02000
4161	4202	4203	4281	4280	1	140.00	0.37	69565.22	69565.22	0.02000
4162	4203	4204	4282	4281	1	140.00	0.37	69565.22	69565.22	0.02000
4163	4204	4205	4283	4282	1	140.00	0.37	69565.22	69565.22	0.02000
4164	4205	4206	4284	4283	1	140.00	0.37	69565.22	69565.22	0.02000
4165	4206	4207	4285	4284	1	140.00	0.37	69565.22	69565.22	0.02000
4166	4207	4208	4286	4285	2	145.00	0.35	103751.55	103751.55	0.02000
4167	4208	4209	4287	4286	2	145.00	0.35	103751.55	103751.55	0.02000
4168	4209	4210	4288	4287	2	145.00	0.35	103751.55	103751.55	0.02000
4169	4210	4211	4289	4288	2	145.00	0.35	103751.55	103751.55	0.02000
4170	4211	4212	4290	4289	2	145.00	0.35	103751.55	103751.55	0.02000
4171	4212	4213	4291	4290	2	145.00	0.35	103751.55	103751.55	0.02000
4172	4213	4214	4292	4291	2	145.00	0.35	103751.55	103751.55	0.02000
4173	4214	4215	4293	4292	2	145.00	0.35	103751.55	103751.55	0.02000
4174	4215	4216	4294	4293	2	145.00	0.35	103751.55	103751.55	0.02000
4175	4216	4217	4295	4294	2	145.00	0.35	103751.55	103751.55	0.02000
4176	4217	4218	4296	4295	2	145.00	0.35	103751.55	103751.55	0.02000
4177	4218	4219	4297	4296	2	145.00	0.35	103751.55	103751.55	0.02000
4178	4219	4220	4298	4297	2	145.00	0.35	103751.55	103751.55	0.02000
4179	4220	4221	4299	4298	3	150.00	0.35	162150.38	162150.38	0.02000
4180	4221	4222	4300	4299	3	150.00	0.35	162150.38	162150.38	0.02000
4181	4222	4223	4301	4300	3	150.00	0.35	162150.38	162150.38	0.02000
4182	4223	4224	4302	4301	3	150.00	0.35	162150.38	162150.38	0.02000
4183	4224	4225	4303	4302	3	150.00	0.35	162150.38	162150.38	0.02000
4184	4225	4226	4304	4303	3	150.00	0.35	162150.38	162150.38	0.02000
4185	4226	4227	4305	4304	3	150.00	0.35	162150.38	162150.38	0.02000
4186	4227	4228	4306	4305	3	150.00	0.35	162150.38	162150.38	0.02000
4187	4228	4229	4307	4306	3	150.00	0.35	162150.38	162150.38	0.02000
4188	4229	4230	4308	4307	3	150.00	0.35	162150.38	162150.38	0.02000
4189	4230	4231	4309	4308	3	150.00	0.35	162150.38	162150.38	0.02000
4190	4231	4232	4310	4309	3	150.00	0.35	162150.38	162150.38	0.02000
4191	4232	4233	4311	4310	3	150.00	0.35	162150.38	162150.38	0.02000
4192	4233	4234	4312	4311	3	150.00	0.35	162150.38	162150.38	0.02000
4193	4234	4235	4313	4312	3	150.00	0.35	162150.38	162150.38	0.02000
4194	4235	4236	4314	4313	3	150.00	0.35	162150.38	162150.38	0.02000
4195	4236	4237	4315	4314	3	150.00	0.35	162150.38	162150.38	0.02000
4196	4237	4238	4316	4315	3	150.00	0.35	162150.38	162150.38	0.02000
4197	4238	4239	4317	4316	3	150.00	0.35	162150.38	162150.38	0.02000
4198	4239	4240	4318	4317	3	150.00	0.35	162150.38	162150.38	0.02000
4199	4240	4241	4319	4318	3	150.00	0.35	162150.38	162150.38	0.02000
4200	4241	4242	4320	4319	3	150.00	0.35	162150.38	162150.38	0.02000
4201	4242	4243	4321	4320	3	150.00	0.35	162150.38	162150.38	0.02000
4202	4243	4244	4322	4321	3	150.00	0.35	162150.38	162150.38	0.02000
4203	4244	4245	4323	4322	3	150.00	0.35	162150.38	162150.38	0.02000
4204	4245	4246	4324	4323	3	150.00	0.35	162150.38	162150.38	0.02000
4205	4246	4247	4325	4324	3	150.00	0.35	162150.38	162150.38	0.02000
4206	4247	4248	4326	4325	3	150.00	0.35	162150.38	162150.38	0.02000
4207	4248	4249	4327	4326	3	150.00	0.35	162150.38	162150.38	0.02000
4208	4249	4250	4328	4327	3	150.00	0.35	162150.38	162150.38	0.02000
4209	4250	4251	4329	4328	3	150.00	0.35	162150.38	162150.38	0.02000
4210	4251	4252	4330	4329	3	150.00	0.35	162150.38	162150.38	0.02000
4211	4252	4253	4331	4330	3	150.00	0.35	162150.38	162150.38	0.02000
4212	4253	4254	4332	4331	3	150.00	0.35	162150.38	162150.38	0.02000
4213	4254	4255	4333	4332	3	150.00	0.35	162150.38	162150.38	0.02000
4214	4255	4256	4334	4333	3	150.00	0.35	162150.38	162150.38	0.02000
4215	4256	4257	4335	4334	3	150.00	0.35	162150.38	162150.38	0.02000
4216	4257	4258	4336	4335	3	150.00	0.35	162150.38	162150.38	0.02000
4217	4258	4259	4337	4336	3	150.00	0.35	162150.38	162150.38	0.02000
4218	4259	4260	4338	4337	3	150.00	0.35	162150.38	162150.38	0.02000
4219	4260	4261	4339	4338	3	150.00	0.35	162150.38	162150.38	0.02000
4220	4261	4262	4340	4339	3	150.00	0.35	162150.38	162150.38	0.02000
4221	4262	4263	4341	4340	3	150.00	0.35	162150.38	162150.38	0.02000
4222	4263	4264	4342	4341	3	150.00	0.35	162150.38	162150.38	0.02000
4223	4264	4265	4343	4342	3	150.00	0.35	162150.38	162150.38	0.02000
4224	4265	4266	4344	4343	3	150.00	0.35	162150.38	162150.38	0.02000
4225	4266	4267	4345	4344	3	150.00	0.35	162150.38	162150.38	0.02000
4226	4267	4268	4346	4345	3	150.00	0.35	162150.38	162150.38	0.02000
4227	4268	4269	4347	4346	3	150.00	0.35	162150.38	162150.38	0.02000
4228	4269	4270	4348	4347	3	150.00	0.35	162150.38	162150.38	0.02000
4229	4270	4271	4349	4348	3	150.00	0.35	162150.38	162150.38	0.02000
4230	4272	4273	4351	4350	1	140.00	0.37	69565.22	69565.22	0.02000
4231	4273	4274	4352	4351	1	140.00	0.37	69565.22	69565.22	0.02000
4232	4274	4275	4353	4352	1	140.00	0.37	69565.22	69565.22	0.02000
4233	4275	4276	4354	4353	1	140.00	0.37	69565.22	69565.22	0.02000
4234	4276	4277	4355	4354	1	140.00	0.37	69565.22	69565.22	0.02000
4235	4277	4278	4356	4355	1	140.00	0.37	69565.22	69565.22	0.02000
4236	4278	4279	4357	4356	1	140.00	0.37	69565.22	69565.22	0.02000
4237	4279	4280	4358	4357	1	140.00	0.37	69565.22	69565.22	0.02000
4238	4280	4281	4359	4358	1	140.00	0.37	69565.22	69565.22	0.02000
4239	4281	4282	4360	4359	1	140.00	0.37	69565.22	69565.22	0.02000
4240	4282	4283	4361	4360	1	140.00	0.37	69565.22	69565.22	0.02000
4241	4283	4284	4362	4361	1	140.00	0.37	69565.22	69565.22	0.02000
4242	4284	4285	4363	4362	1	140.00	0.37	69565.22	69565.22	0.02000
4243	4285	4286	4364	4363	2	145.00	0.35	103751.55	103751.55	0.02000
4244	4286	4287	4365	4364	2	145.00	0.35	103751.55	103751.55	0.02000
4245	4287	4288	4366	4365	2	145.00	0.35	103751.55	103751.55	0.02000
4246	4288	4289	4367	4366	2	145.00	0.35	103751.55	103751.55	0.02000
4247	4289	4290	4368	4367	2	145.00	0.35	103751.55	103751.55	0.02000
4248	4290	4291	4369	4368	2	145.00	0.35	103751.55	103751.55	0.02000
4249	4291	4292	4370	4369	2	145.00	0.35	103751.55	103751.55	0.02000
4250	4292	4293	4371	4370	2	145.00	0.35	103751.55	103751.55	0.02000
4251	4293	4294	4372	4371	2	145.00	0.35	103751.55	103751.55	0.02000
4252	4294	4295	4373	4372	2	145.00	0.35	103751.55	103751.55	0.02000
4253	4295	4296	4374	4373	2	145.00	0.35	103751.55	103751.55	0.02000
4254	4296	4297	4375	4374	2	145.00	0.35	103751.55	103751.55	0.02000
4255	4297	4298	4376	4375	2	145.00	0.35	103751.55	103751.55	0.02000
4256	4298	4299	4377	4376	3	150.00	0.35	162150.38	162150.38	0.02000
4257	4299	4300	4378	4377	3	150.00	0.35	162150.38	162150.38	0.02000
4258	4300	4301	4379	4378	3	150.00	0.35	162150.38	162150.38	0.02000
4259	4301	4302	4380	4379	3	150.00	0.35	162150.38	162150.38	0.02000
4260	4302	4303	4381	4380	3	150.00	0.35	162150.38	162150.38	0.02000
4261	4303	4304	4382	4381	3	150.00	0.35	162150.38	162150.38	0.02000
4262	4304	4305	4383	4382	3	150.00	0.35	162150.38	162150.38	0.02000
4263	4305	4306	4384	4383	3	150.00	0.35	162150.38	162150.38	0.02000
4264	4306	4307	4385	4384	3	150.00	0.35	162150.38	162150.38	0.02000
4265	4307	4308	4386	4385	3	150.00	0.35	162150.38	162150.38	0.02000
4266	4308	4309	4387	4386	3	150.00	0.35	162150.38	162150.38	0.02000
4267	4309	4310	4388	4387	3	150.00	0.35	162150.38	162150.38	0.02000
4268	4310	4311	4389	4388	3	150.00	0.35	162150.38	162150.38	0.02000
4269	4311	4312	4390	4389	3	150.00	0.35	162150.38	162150.38	0.02000
4270	4312	4313	4391	4390	3	150.00	0.35	162150.38	162150.38	0.02000
4271	4313	4314	4392	4391	3	150.00	0.35	162150.38	162150.38	0.02000
4272	4314	4315	4393	4392	3	150.00	0.35	162150.38	162150.38	0.02000
4273	4315	4316	4394	4393	3	150.00	0.35	162150.38	162150.38	0.02000
4274	4316	4317	4395	4394	3	150.00	0.35	162150.38	162150.38	0.02000
4275	4317	4318	4396	4395	3	150.00	0.35	162150.38	162150.38	0.02000
4276	4318	4319	4397	4396	3	150.00	0.35	162150.38	162150.38	0.02000
4277	4319	4320	4398	4397	3	150.00	0.35	162150.38	162150.38	0.02000
4278	4320	4321	4399	4398	3	150.00	0.35	162150.38	162150.38	0.02000
4279	4321	4322	4400	4399	3	150.00	0.35	162150.38	162150.38	0.02000
4280	4322	4323	4401	4400	3	150.00	0.35	162150.38	162150.38	0.02000

4281	4323	4324	4402	4401	3	150.00	0.35	162150.38	162150.38	0.02000
4282	4324	4325	4403	4402	3	150.00	0.35	162150.38	162150.38	0.02000
4283	4325	4326	4404	4403	3	150.00	0.35	162150.38	162150.38	0.02000
4284	4326	4327	4405	4404	3	150.00	0.35	162150.38	162150.38	0.02000
4285	4327	4328	4406	4405	3	150.00	0.35	162150.38	162150.38	0.02000
4286	4328	4329	4407	4406	3	150.00	0.35	162150.38	162150.38	0.02000
4287	4329	4330	4408	4407	3	150.00	0.35	162150.38	162150.38	0.02000
4288	4330	4331	4409	4408	3	150.00	0.35	162150.38	162150.38	0.02000
4289	4331	4332	4410	4409	3	150.00	0.35	162150.38	162150.38	0.02000
4290	4332	4333	4411	4410	3	150.00	0.35	162150.38	162150.38	0.02000
4291	4333	4334	4412	4411	3	150.00	0.35	162150.38	162150.38	0.02000
4292	4334	4335	4413	4412	3	150.00	0.35	162150.38	162150.38	0.02000
4293	4335	4336	4414	4413	3	150.00	0.35	162150.38	162150.38	0.02000
4294	4336	4337	4415	4414	3	150.00	0.35	162150.38	162150.38	0.02000
4295	4337	4338	4416	4415	3	150.00	0.35	162150.38	162150.38	0.02000
4296	4338	4339	4417	4416	3	150.00	0.35	162150.38	162150.38	0.02000
4297	4339	4340	4418	4417	3	150.00	0.35	162150.38	162150.38	0.02000
4298	4340	4341	4419	4418	3	150.00	0.35	162150.38	162150.38	0.02000
4299	4341	4342	4420	4419	3	150.00	0.35	162150.38	162150.38	0.02000
4300	4342	4343	4421	4420	3	150.00	0.35	162150.38	162150.38	0.02000
4301	4343	4344	4422	4421	3	150.00	0.35	162150.38	162150.38	0.02000
4302	4344	4345	4423	4422	3	150.00	0.35	162150.38	162150.38	0.02000
4303	4345	4346	4424	4423	3	150.00	0.35	162150.38	162150.38	0.02000
4304	4346	4347	4425	4424	3	150.00	0.35	162150.38	162150.38	0.02000
4305	4347	4348	4426	4425	3	150.00	0.35	162150.38	162150.38	0.02000
4306	4348	4349	4427	4426	3	150.00	0.35	162150.38	162150.38	0.02000
4307	4350	4351	4429	4428	1	140.00	0.37	69565.22	69565.22	0.02000
4308	4351	4352	4430	4429	1	140.00	0.37	69565.22	69565.22	0.02000
4309	4352	4353	4431	4430	1	140.00	0.37	69565.22	69565.22	0.02000
4310	4353	4354	4432	4431	1	140.00	0.37	69565.22	69565.22	0.02000
4311	4354	4355	4433	4432	1	140.00	0.37	69565.22	69565.22	0.02000
4312	4355	4356	4434	4433	1	140.00	0.37	69565.22	69565.22	0.02000
4313	4356	4357	4435	4434	1	140.00	0.37	69565.22	69565.22	0.02000
4314	4357	4358	4436	4435	1	140.00	0.37	69565.22	69565.22	0.02000
4315	4358	4359	4437	4436	1	140.00	0.37	69565.22	69565.22	0.02000
4316	4359	4360	4438	4437	1	140.00	0.37	69565.22	69565.22	0.02000
4317	4360	4361	4439	4438	1	140.00	0.37	69565.22	69565.22	0.02000
4318	4361	4362	4440	4439	1	140.00	0.37	69565.22	69565.22	0.02000
4319	4362	4363	4441	4440	1	140.00	0.37	69565.22	69565.22	0.02000
4320	4363	4364	4442	4441	2	145.00	0.35	103751.55	103751.55	0.02000
4321	4364	4365	4443	4442	2	145.00	0.35	103751.55	103751.55	0.02000
4322	4365	4366	4444	4443	2	145.00	0.35	103751.55	103751.55	0.02000
4323	4366	4367	4445	4444	2	145.00	0.35	103751.55	103751.55	0.02000
4324	4367	4368	4446	4445	2	145.00	0.35	103751.55	103751.55	0.02000
4325	4368	4369	4447	4446	2	145.00	0.35	103751.55	103751.55	0.02000
4326	4369	4370	4448	4447	2	145.00	0.35	103751.55	103751.55	0.02000
4327	4370	4371	4449	4448	2	145.00	0.35	103751.55	103751.55	0.02000
4328	4371	4372	4450	4449	2	145.00	0.35	103751.55	103751.55	0.02000
4329	4372	4373	4451	4450	2	145.00	0.35	103751.55	103751.55	0.02000
4330	4373	4374	4452	4451	2	145.00	0.35	103751.55	103751.55	0.02000
4331	4374	4375	4453	4452	2	145.00	0.35	103751.55	103751.55	0.02000
4332	4375	4376	4454	4453	2	145.00	0.35	103751.55	103751.55	0.02000
4333	4376	4377	4455	4454	3	150.00	0.35	162150.38	162150.38	0.02000
4334	4377	4378	4456	4455	3	150.00	0.35	162150.38	162150.38	0.02000
4335	4378	4379	4457	4456	3	150.00	0.35	162150.38	162150.38	0.02000
4336	4379	4380	4458	4457	3	150.00	0.35	162150.38	162150.38	0.02000
4337	4380	4381	4459	4458	3	150.00	0.35	162150.38	162150.38	0.02000
4338	4381	4382	4460	4459	3	150.00	0.35	162150.38	162150.38	0.02000
4339	4382	4383	4461	4460	3	150.00	0.35	162150.38	162150.38	0.02000
4340	4383	4384	4462	4461	3	150.00	0.35	162150.38	162150.38	0.02000
4341	4384	4385	4463	4462	3	150.00	0.35	162150.38	162150.38	0.02000
4342	4385	4386	4464	4463	3	150.00	0.35	162150.38	162150.38	0.02000
4343	4386	4387	4465	4464	3	150.00	0.35	162150.38	162150.38	0.02000
4344	4387	4388	4466	4465	3	150.00	0.35	162150.38	162150.38	0.02000
4345	4388	4389	4467	4466	3	150.00	0.35	162150.38	162150.38	0.02000
4346	4389	4390	4468	4467	3	150.00	0.35	162150.38	162150.38	0.02000
4347	4390	4391	4469	4468	3	150.00	0.35	162150.38	162150.38	0.02000
4348	4391	4392	4470	4469	3	150.00	0.35	162150.38	162150.38	0.02000
4349	4392	4393	4471	4470	3	150.00	0.35	162150.38	162150.38	0.02000
4350	4393	4394	4472	4471	3	150.00	0.35	162150.38	162150.38	0.02000
4351	4394	4395	4473	4472	3	150.00	0.35	162150.38	162150.38	0.02000
4352	4395	4396	4474	4473	3	150.00	0.35	162150.38	162150.38	0.02000
4353	4396	4397	4475	4474	3	150.00	0.35	162150.38	162150.38	0.02000
4354	4397	4398	4476	4475	3	150.00	0.35	162150.38	162150.38	0.02000
4355	4398	4399	4477	4476	3	150.00	0.35	162150.38	162150.38	0.02000
4356	4399	4400	4478	4477	3	150.00	0.35	162150.38	162150.38	0.02000
4357	4400	4401	4479	4478	3	150.00	0.35	162150.38	162150.38	0.02000
4358	4401	4402	4480	4479	3	150.00	0.35	162150.38	162150.38	0.02000
4359	4402	4403	4481	4480	3	150.00	0.35	162150.38	162150.38	0.02000
4360	4403	4404	4482	4481	3	150.00	0.35	162150.38	162150.38	0.02000
4361	4404	4405	4483	4482	3	150.00	0.35	162150.38	162150.38	0.02000
4362	4405	4406	4484	4483	3	150.00	0.35	162150.38	162150.38	0.02000
4363	4406	4407	4485	4484	3	150.00	0.35	162150.38	162150.38	0.02000
4364	4407	4408	4486	4485	3	150.00	0.35	162150.38	162150.38	0.02000
4365	4408	4409	4487	4486	3	150.00	0.35	162150.38	162150.38	0.02000
4366	4409	4410	4488	4487	3	150.00	0.35	162150.38	162150.38	0.02000
4367	4410	4411	4489	4488	3	150.00	0.35	162150.38	162150.38	0.02000
4368	4411	4412	4490	4489	3	150.00	0.35	162150.38	162150.38	0.02000
4369	4412	4413	4491	4490	3	150.00	0.35	162150.38	162150.38	0.02000
4370	4413	4414	4492	4491	3	150.00	0.35	162150.38	162150.38	0.02000
4371	4414	4415	4493	4492	3	150.00	0.35	162150.38	162150.38	0.02000
4372	4415	4416	4494	4493	3	150.00	0.35	162150.38	162150.38	0.02000
4373	4416	4417	4495	4494	3	150.00	0.35	162150.38	162150.38	0.02000
4374	4417	4418	4496	4495	3	150.00	0.35	162150.38	162150.38	0.02000
4375	4418	4419	4497	4496	3	150.00	0.35	162150.38	162150.38	0.02000
4376	4419	4420	4498	4497	3	150.00	0.35	162150.38	162150.38	0.02000
4377	4420	4421	4499	4498	3	150.00	0.35	162150.38	162150.38	0.02000
4378	4421	4422	4500	4499	3	150.00	0.35	162150.38	162150.38	0.02000
4379	4422	4423	4501	4500	3	150.00	0.35	162150.38	162150.38	0.02000
4380	4423	4424	4502	4501	3	150.00	0.35	162150.38	162150.38	0.02000
4381	4424	4425	4503	4502	3	150.00	0.35	162150.38	162150.38	0.02000
4382	4425	4426	4504	4503	3	150.00	0.35	162150.38	162150.38	0.02000
4383	4426	4427	4505	4504	3	150.00	0.35	162150.38	162150.38	0.02000
4384	4428	4429	4507	4506	1	140.00	0.37	69565.22	69565.22	0.02000
4385	4429	4430	4508	4507	1	140.00	0.37	69565.22	69565.22	0.02000
4386	4430	4431	4509	4508	1	140.00	0.37	69565.22	69565.22	0.02000
4387	4431	4432	4510	4509	1	140.00	0.37	69565.22	69565.22	0.02000
4388	4432	4433	4511	4510	1	140.00	0.37	69565.22	69565.22	0.02000
4389	4433	4434	4512	4511	1	140.00	0.37	69565.22	69565.22	0.02000
4390	4434	4435	4513	4512	1	140.00	0.37	69565.22	69565.22	0.02000
4391	4435	4436	4514	4513	1	140.00	0.37	69565.22	69565.22	0.02000
4392	4436	4437	4515	4514	1	140.00	0.37	69565.22	69565.22	0.02000
4393	4437	4438	4516	4515	1	140.00	0.37	69565.22	69565.22	0.02000
4394	4438	4439	4517	4516	1	140.00	0.37	69565.22	69565.22	0.02000
4395	4439	4440	4518	4517	1	140.00	0.37	69565.22	69565.22	0.02000
4396	4440	4441	4519	4518	1	140.00	0.37	69565.22	69565.22	0.02000
4397	4441	4442	4520	4519	2	145.00	0.35	103751.55	103751.55	0.02000
4398	4442	4443	4521	4520	2	145.00	0.35	103751.55	103751.55	0.02000
4399	4443	4444	4522	4521	2	145.00	0.35	103751.55	103751.55	0.02000
4400	4444	4445	4523	4522	2	145.00	0.35	103751.55	103751.55	0.02000
4401	4445	4446	4524	4523	2	145.00	0.35	103751.55	103751.55	0.02000
4402	4446	4447	4525	4524	2	145.00	0.35	103751.55	103751.55	0.02000
4403	4447	4448	4526	4525	2	145.00	0.35	103751.55	103751.55	0.02000
4404	4448	4449	4527	4526	2	145.00	0.35	103751.55	103751.55	0.02000
4405	4449	4450	4528	4527	2	145.00	0.35	103751.55	103751.55	0.02000
4406	4450	4451	4529	4528	2	145.00	0.35	103751.55	103751.55	0.02000
4407	4451	4452	4530	4529	2	145.00	0.35	103751.55	103751.55	0.02000
4408	4452	4453	4531	4530	2	145.00	0.35	103751.55	103751.55	0.02000
4409	4453	4454	4532	4531	2	145.00	0.35	103751.55	103751.55	0.02000
4410	4454	4455	4533	4532	3	150.00	0.35	162150.38	162150.38	0.02000
4411	4455	4456	4534	4533	3	150.00	0.35	162150.38	162150.38	0.02000
4412	4456	4457	4535	4534	3	150.00	0.35	162150.38	162150.38	0.02000
4413	4457	4458	4536	4535	3	150.00	0.35	162150.38	162150.38	0.02000
4414	4458	4459	4537	4536	3	150.00	0.35	162150.38	162150.38	0.02000
4415	4459	4460	4538	4537	3	150.00	0.35	162150.38	162150.38	0.02000
4416	4460	4461	4539	4538	3	150.00	0.35	162150.38	162150.38	0.02000
4417	4461	4462	4540	4539	3	150.00	0.35	162150.38	162150.38	0.02000
4418	4462	4463	4541	4540	3	150.00	0.35	162150.38	162150.38	0.02000
4419	4463	4464	4542	4541	3	150.00	0.35	162150.38	162150.38	0.02000
4420	4464	4465	4543	4542	3	150.00	0.35	162150.38	162150.38	0.02000
4421	4465	4466	4544	4543	3	150.00	0.35	162150.38	162150.38	0.02000
4422	4466	4467	4545	4544	3	150.00	0.35	162150.38	162150.38	0.02000
4423	4467	4468	4546	4545	3	150.00	0.35	162150.38	162150.38	0.02000
4424	4468	4469	4547	4546	3	150.00	0.35	162150.38	162150.38	0.02000
4425	4469	4470	4548	4547	3	150.00	0.35	162150.38	162150.38	0.02000
4426	4470	4471	4549	4548	3	150.00	0.35	162150.38	162150.38	0.02000
4427	4471	4472	4550	4549	3	150.00	0.35	162150.38	162150.38	0.02000
4428	4472	4473	4551	4550	3	150.00	0.35	162150.38	162150.38	0.02000
4429	4473	4474	4552	4551	3	150.00	0.35	162150.38	162150.38	0.02000
4430	4474	4475	4553	4552	3	150.00	0.35	162150.38	162150.38	0.02000
4431	4475	4476	4554	4553	3	150.00	0.35	162150.38	162150.38	0.02000
4432	4476	4477	4555	4554	3	150.00	0.35	162150.38	162150.38	0.02000
4433	4477	4478	4556	4555	3	150.00	0.35	162150.38	162150.38	0.02000
4434	4478	4479	4557	4556	3	150.00	0.35	162150.38	162150.38	0.02000
4435	4479	4480	4558	4557	3	150.00	0.35	162150.38	162150.38	0.02000
4436	4480	4481	4559	4558	3	150.00	0.35	162150.38	162150.38	0.02000
4437	4481	4482	4560	4559	3	150.00	0.35	162150.38	162150.38	0.02000
4438	4482	4483	4561	4560	3	150.00	0.35	162150.38	162150.38	0.02000
4439	4483	4484	4562	4561	3	150.00	0.35	162150.38	162150.38	0.02000
4440	4484	4485	4563	4562	3	150.00	0.35	162150.38	162150.38	0.02000
4441	4485	4486	4564	4563	3	150.00	0.35	162150.38	162150.38	0.02000
4442	4486	4487	4565	4564	3	150.00	0.35	162150.38	162150.38	0.02000
4443	4487	4488	4566	4565	3	150.00	0.35	162150.38	162150.38	0.02000
4444	4488	4489	4567	4566	3	150.00	0.35	162150.38	162150.38	0.02000
4445	4489	4490	4568	4567	3	150.00	0.35	162150.38	162150.38	0.02000
4446	4490	4491	4569	4568	3	150.00	0.35	162150.38	162150.38	0.02000
4447	4491	4492	4570	4569	3	150.00	0.35	162150.38	162150.38	0.02000
4448	4492	4493	4571	4570	3	150.00	0.35	162150.38	162150.38	0.02000
4449	4493	4494	4572	4571	3	150.00	0.35	162150.38	162150.38	0.02000
4450	4494	4495	4573	4572	3	150.00	0.35	162150.38	162150.38	0.02000
4451	4495	4496	4574	4573	3	150.00	0.35	162150.38	162150.38	0.02000
4452	4496	4497	4575	4574	3	150.00	0.35	162150.38	162150.38	0.02000
4453	4497	4498	4576	4575	3	150.00	0.35	162150.38	162150.38	0.02000
4454	4498	4499	4577	4576	3	150.00	0.35	162150.38	162150.38	0.02000
4455	4499	4500	4578	4577	3	150.00	0.35	162150.38	162150.38	0.02000
4456	4500	4501	4579	4578	3	150.00	0.35	162150.38	162150.38	0.02000
4457	4501	4502	4580	4579	3	150.00	0.35	162150.38	162150.38	0.02000
4458	4502	4503	4581	4580	3	150.00	0.35	162150.38	162150.38	0.02000
4459	4503	4504	4582	4581	3	150.00	0.35	162150.38	162150.38	0.02000
4460	4504	4505	4583	4582	3	150.00	0.35	162150.38	162150.38	0.02000
4461	4506	4507	4585	4584	1	140.00	0.37	69565.22	69565.22	0.02000
4462	4507	4508	4586	4585	1	140.00	0.37	69565.22	69565.22	0.02000
4463	4508	4509	4587	4586	1	140.00	0.37	69565.22	69565.22	0.02000
4464	4509	4510	4588	4587	1	140.00	0.37	69565.22	69565.22	0.02000
4465	4510	4511	4589	4588	1	140.00	0.37	69565.22	69565.22	0.02000
4466	4511	4512	4590	4589	1	140.00	0.37	69565.22	69565.22	0.02000
4467	4512	4513	4591	4590	1	140.00	0.37	69565.22	69565.22	0.02000
4468	4513	4514	4592	4591	1	140.00	0.37	69565.22	69565.22	0.02000
4469	4514	4515	4593	4592	1	140.00	0.37	69565.22	69565.22	0.02000
4470	4515	4516	4594	4593	1	140.00	0.37	69565.22	69565.22	0.02000
4471	4516	4517	4595	4594	1	140.00	0.37	69565.22	69565.22	0.02000
4472	4517	4518	4596	4595	1	140.00	0.37	69565.22	69565.22	0.02000
4473	4518	4519	4597	4596	1	140.00	0.37	69565.22	69565.22	0.02000
4474	4519	4520	4598	4597	2	145.00	0.35	103751.55	103751.55	0.02000
4475	4520	4521	4599	4598	2	145.00	0.35	103751.55	103751.55	0.02000
4476	4521	4522	4600	4599	2	145.00	0.35	103751.55	103751.55	0.02000
4477	4522	4523	4601	4600	2	145.00	0.35	103751.55	103751.55	0.02000
4478	4523	4524	4602	4601	2	145.00	0.35	103751.55	103751.55	0.02000
4479	4524	4525	4603	4602	2	145.00	0.35	103751.55	103751.55	0.02000
4480	4525	4526	4604	4603	2	145.00	0.35	103751.55	103751.55	0.02000
4481	4526	4527	4605	4604	2	145.00	0.35	103751.55	103751.55	0.02000
4482	4527	4528	4606	4605	2	145.00	0.35	103751.55	103751.55	0.02000
4483	4528	4529	4607	4606	2	145.00	0.35	103751.55	103751.55	0.02000
4484	4529	4530	4608	4607	2	145.00	0.35	103751.55	103751.55	0.02000
4485	4530	4531	4609	4608	2	145.00	0.35	103751.55	103751.55	0.02000
4486	4531	4532	4610	4609	2	145.00	0.35	103751.55	103751.55	0.02000
4487	4532	4533	4611	4610	3	150.00	0.35	162150.38	162150.38	0.02000
4488	4533	4534	4612	4611	3	150.00	0.35	162150.38	162150.38	0.02000
4489	4534	4535	4613	4612	3	150.00	0.35	162150.38	162150.38	0.02000
4490	4535	4536	4614	4613	3	150.00	0.35	162150.38	162150.38	0.02000
4491	4536	4537	4615	4614	3	150.00	0.35	162150.38	162150.38	0.02000
4492	4537	4538	4616	4615	3	150.00	0.35	162150.38	162150.38	0.02000
4493	4538	4539	4617	4616	3	150.00	0.35	162150.38	162150.38	0.02000
4494	4539	4540	4618	4617	3	150.00	0.35	162150.38	162150.38	0.02000
4495	4540	4541	4619	4618	3	150.00	0.35	162150.38	162150.38	0.02000
4496	4541	4542	4620	4619	3	150.00	0.35	162150.38	162150.38	0.02000
4497	4542	4543	4621	4620	3	150.00	0.35	162150.38	162150.38	0.02000
4498	4543	4544	4622	4621	3	150.00	0.35	162150.38	162150.38	0.02000
4499	4544	4545	4623	4622	3	150.00	0.35	162150.38	162150.38	0.02000
4500	4545	4546	4624	4623	3	150.00	0.35	162150.38	162150.38	0.02000
4501	4546	4547	4625	4624	3	150.00	0.35	162150.38	162150.38	0.02000
4502	4547	4548	4626	4625	3	150.00	0.35	162150.38	162150.38	0.02000
4503	4548	4549	4627	4626	3	150.00	0.35	162150.38	162150.38	0.02000
4504	4549	4550	4628	4627	3	150.00	0.35	162150.38	162150.38	0.02000
4505	4550	4551	4629	4628	3	150.00	0.35	162150.38	162150.38	0.02000
4506	4551	4552	4630	4629	3	150.00	0.35	162150.38	162150.38	0.02000
4507	4552	4553	4631	4630	3	150.00	0.35	162150.38	162150.38	0.02000
4508	4553	4554	4632	4631	3	150.00	0.35	162150.38	162150.38	0.02000
4509	4554	4555	4633	4632	3	150.00	0.35	162150.38	162150.38	0.02000
4510	4555	4556	4634	4633	3	150.00	0.35	162150.38	162150.38	0.02000
4511	4556	4557	4635	4634	3	150.00	0.35	162150.38	162150.38	0.02000
4512	4557	4558	4636	4635	3	150.00	0.35	162150.38	162150.38	0.02000
4513	4558	4559	4637	4636	3	150.00	0.35	162150.38	162150.38	0.02000
4514	4559	4560	4638	4637	3	150.00	0.35	162150.38	162150.38	0.02000
4515	4560	4561	4639	4638	3	150.00	0.35	162150.38	162150.38	0.02000
4516	4561	4562	4640	4639	3	150.00	0.35	162150.38	162150.38	0.02000
4517	4562	4563	4641	4640	3	150.00	0.35	162150.38	162150.38	0.02000
4518	4563	4564	4642	4641	3	150.00	0.35	162150.38	162150.38	0.02000
4519	4564	4565	4643	4642	3	150.00	0.35	162150.38	162150.38	0.02000
4520	4565	4566	4644	4643	3	150.00	0.35	162150.38	162150.38	0.02000
4521	4566	4567	4645	4644	3	150.00	0.35	162150.38	162150.38	0.02000
4522	4567	4568	4646	4645	3	150.00	0.35	162150.38	162150.38	0.02000
4523	4568	4569	4647	4646	3	150.00	0.35	162150.38	162150.38	0.02000
4524	4569	4570	4648	4647	3	150.00	0.35	162150.38	162150.38	0.02000
4525	4570	4571	4649	4648	3	150.00	0.35	162150.38	162150.38	0.02000
4526	4571	4572	4650	4649	3	150.00	0.35	162150.38	162150.38	0.02000
4527	4572	4573	4651	4650	3	150.00	0.35	162150.38	162150.38	0.02000
4528	4573	4574	4652	4651	3	150.00	0.35	162150.38	162150.38	0.02000
4529	4574	4575	4653	4652	3	150.00	0.35	162150.38	162150.38	0.02000
4530	4575	4576	4654	4653	3	150.00	0.35	162150.38	162150.38	0.02000
4531	4576	4577	4655	4654	3	150.00	0.35	162150.38	162150.38	0.02000
4532	4577	4578	4656	4655	3	150.00	0.35	162150.38	162150.38	0.02000
4533	4578	4579	4657	4656	3	150.00	0.35	162150.38	162150.38	0.02000
4534	4579	4580	4658	4657	3	150.00	0.35	162150.38	162150.38	0.02000

4535	4580	4581	4659	4658	3	150.00	0.35	162150.30	162150.30	0.02000
4536	4581	4582	4660	4659	3	150.00	0.35	162150.30	162150.30	0.02000
4537	4582	4583	4661	4660	3	150.00	0.35	162150.30	162150.30	0.02000
4538	4584	4585	4663	4662	1	140.00	0.37	69565.22	69565.22	0.02000
4539	4585	4586	4664	4663	1	140.00	0.37	69565.22	69565.22	0.02000
4540	4586	4587	4665	4664	1	140.00	0.37	69565.22	69565.22	0.02000
4541	4587	4588	4666	4665	1	140.00	0.37	69565.22	69565.22	0.02000
4542	4588	4589	4667	4666	1	140.00	0.37	69565.22	69565.22	0.02000
4543	4589	4590	4668	4667	1	140.00	0.37	69565.22	69565.22	0.02000
4544	4590	4591	4669	4668	1	140.00	0.37	69565.22	69565.22	0.02000
4545	4591	4592	4670	4669	1	140.00	0.37	69565.22	69565.22	0.02000
4546	4592	4593	4671	4670	1	140.00	0.37	69565.22	69565.22	0.02000
4547	4593	4594	4672	4671	1	140.00	0.37	69565.22	69565.22	0.02000
4548	4594	4595	4673	4672	1	140.00	0.37	69565.22	69565.22	0.02000
4549	4595	4596	4674	4673	1	140.00	0.37	69565.22	69565.22	0.02000
4550	4596	4597	4675	4674	1	140.00	0.37	69565.22	69565.22	0.02000
4551	4597	4598	4676	4675	2	145.00	0.35	103751.55	103751.55	0.02000
4552	4598	4599	4677	4676	2	145.00	0.35	103751.55	103751.55	0.02000
4553	4599	4600	4678	4677	2	145.00	0.35	103751.55	103751.55	0.02000
4554	4600	4601	4679	4678	2	145.00	0.35	103751.55	103751.55	0.02000
4555	4601	4602	4680	4679	2	145.00	0.35	103751.55	103751.55	0.02000
4556	4602	4603	4681	4680	2	145.00	0.35	103751.55	103751.55	0.02000
4557	4603	4604	4682	4681	2	145.00	0.35	103751.55	103751.55	0.02000
4558	4604	4605	4683	4682	2	145.00	0.35	103751.55	103751.55	0.02000
4559	4605	4606	4684	4683	2	145.00	0.35	103751.55	103751.55	0.02000
4560	4606	4607	4685	4684	2	145.00	0.35	103751.55	103751.55	0.02000
4561	4607	4608	4686	4685	2	145.00	0.35	103751.55	103751.55	0.02000
4562	4608	4609	4687	4686	2	145.00	0.35	103751.55	103751.55	0.02000
4563	4609	4610	4688	4687	2	145.00	0.35	103751.55	103751.55	0.02000
4564	4610	4611	4689	4688	3	150.00	0.35	162150.30	162150.30	0.02000
4565	4611	4612	4690	4689	3	150.00	0.35	162150.30	162150.30	0.02000
4566	4612	4613	4691	4690	3	150.00	0.35	162150.30	162150.30	0.02000
4567	4613	4614	4692	4691	3	150.00	0.35	162150.30	162150.30	0.02000
4568	4614	4615	4693	4692	3	150.00	0.35	162150.30	162150.30	0.02000
4569	4615	4616	4694	4693	3	150.00	0.35	162150.30	162150.30	0.02000
4570	4616	4617	4695	4694	3	150.00	0.35	162150.30	162150.30	0.02000
4571	4617	4618	4696	4695	3	150.00	0.35	162150.30	162150.30	0.02000
4572	4618	4619	4697	4696	3	150.00	0.35	162150.30	162150.30	0.02000
4573	4619	4620	4698	4697	3	150.00	0.35	162150.30	162150.30	0.02000
4574	4620	4621	4699	4698	3	150.00	0.35	162150.30	162150.30	0.02000
4575	4621	4622	4700	4699	3	150.00	0.35	162150.30	162150.30	0.02000
4576	4622	4623	4701	4700	3	150.00	0.35	162150.30	162150.30	0.02000
4577	4623	4624	4702	4701	3	150.00	0.35	162150.30	162150.30	0.02000
4578	4624	4625	4703	4702	3	150.00	0.35	162150.30	162150.30	0.02000
4579	4625	4626	4704	4703	3	150.00	0.35	162150.30	162150.30	0.02000
4580	4626	4627	4705	4704	3	150.00	0.35	162150.30	162150.30	0.02000
4581	4627	4628	4706	4705	3	150.00	0.35	162150.30	162150.30	0.02000
4582	4628	4629	4707	4706	3	150.00	0.35	162150.30	162150.30	0.02000
4583	4629	4630	4708	4707	3	150.00	0.35	162150.30	162150.30	0.02000
4584	4630	4631	4709	4708	3	150.00	0.35	162150.30	162150.30	0.02000
4585	4631	4632	4710	4709	3	150.00	0.35	162150.30	162150.30	0.02000
4586	4632	4633	4711	4710	3	150.00	0.35	162150.30	162150.30	0.02000
4587	4633	4634	4712	4711	3	150.00	0.35	162150.30	162150.30	0.02000
4588	4634	4635	4713	4712	3	150.00	0.35	162150.30	162150.30	0.02000
4589	4635	4636	4714	4713	3	150.00	0.35	162150.30	162150.30	0.02000
4590	4636	4637	4715	4714	3	150.00	0.35	162150.30	162150.30	0.02000
4591	4637	4638	4716	4715	3	150.00	0.35	162150.30	162150.30	0.02000
4592	4638	4639	4717	4716	3	150.00	0.35	162150.30	162150.30	0.02000
4593	4639	4640	4718	4717	3	150.00	0.35	162150.30	162150.30	0.02000
4594	4640	4641	4719	4718	3	150.00	0.35	162150.30	162150.30	0.02000
4595	4641	4642	4720	4719	3	150.00	0.35	162150.30	162150.30	0.02000
4596	4642	4643	4721	4720	3	150.00	0.35	162150.30	162150.30	0.02000
4597	4643	4644	4722	4721	3	150.00	0.35	162150.30	162150.30	0.02000
4598	4644	4645	4723	4722	3	150.00	0.35	162150.30	162150.30	0.02000
4599	4645	4646	4724	4723	3	150.00	0.35	162150.30	162150.30	0.02000
4600	4646	4647	4725	4724	3	150.00	0.35	162150.30	162150.30	0.02000
4601	4647	4648	4726	4725	3	150.00	0.35	162150.30	162150.30	0.02000
4602	4648	4649	4727	4726	3	150.00	0.35	162150.30	162150.30	0.02000
4603	4649	4650	4728	4727	3	150.00	0.35	162150.30	162150.30	0.02000
4604	4650	4651	4729	4728	3	150.00	0.35	162150.30	162150.30	0.02000
4605	4651	4652	4730	4729	3	150.00	0.35	162150.30	162150.30	0.02000
4606	4652	4653	4731	4730	3	150.00	0.35	162150.30	162150.30	0.02000
4607	4653	4654	4732	4731	3	150.00	0.35	162150.30	162150.30	0.02000
4608	4654	4655	4733	4732	3	150.00	0.35	162150.30	162150.30	0.02000
4609	4655	4656	4734	4733	3	150.00	0.35	162150.30	162150.30	0.02000
4610	4656	4657	4735	4734	3	150.00	0.35	162150.30	162150.30	0.02000
4611	4657	4658	4736	4735	3	150.00	0.35	162150.30	162150.30	0.02000
4612	4658	4659	4737	4736	3	150.00	0.35	162150.30	162150.30	0.02000
4613	4659	4660	4738	4737	3	150.00	0.35	162150.30	162150.30	0.02000
4614	4660	4661	4739	4738	3	150.00	0.35	162150.30	162150.30	0.02000
4615	4662	4663	4741	4740	1	140.00	0.37	69565.22	69565.22	0.02000
4616	4663	4664	4742	4741	1	140.00	0.37	69565.22	69565.22	0.02000
4617	4664	4665	4743	4742	1	140.00	0.37	69565.22	69565.22	0.02000
4618	4665	4666	4744	4743	1	140.00	0.37	69565.22	69565.22	0.02000
4619	4666	4667	4745	4744	1	140.00	0.37	69565.22	69565.22	0.02000
4620	4667	4668	4746	4745	1	140.00	0.37	69565.22	69565.22	0.02000
4621	4668	4669	4747	4746	1	140.00	0.37	69565.22	69565.22	0.02000
4622	4669	4670	4748	4747	1	140.00	0.37	69565.22	69565.22	0.02000
4623	4670	4671	4749	4748	1	140.00	0.37	69565.22	69565.22	0.02000
4624	4671	4672	4750	4749	1	140.00	0.37	69565.22	69565.22	0.02000
4625	4672	4673	4751	4750	1	140.00	0.37	69565.22	69565.22	0.02000
4626	4673	4674	4752	4751	1	140.00	0.37	69565.22	69565.22	0.02000
4627	4674	4675	4753	4752	1	140.00	0.37	69565.22	69565.22	0.02000
4628	4675	4676	4754	4753	2	145.00	0.35	103751.55	103751.55	0.02000
4629	4676	4677	4755	4754	2	145.00	0.35	103751.55	103751.55	0.02000
4630	4677	4678	4756	4755	2	145.00	0.35	103751.55	103751.55	0.02000
4631	4678	4679	4757	4756	2	145.00	0.35	103751.55	103751.55	0.02000
4632	4679	4680	4758	4757	2	145.00	0.35	103751.55	103751.55	0.02000
4633	4680	4681	4759	4758	2	145.00	0.35	103751.55	103751.55	0.02000
4634	4681	4682	4760	4759	2	145.00	0.35	103751.55	103751.55	0.02000
4635	4682	4683	4761	4760	2	145.00	0.35	103751.55	103751.55	0.02000
4636	4683	4684	4762	4761	2	145.00	0.35	103751.55	103751.55	0.02000
4637	4684	4685	4763	4762	2	145.00	0.35	103751.55	103751.55	0.02000
4638	4685	4686	4764	4763	2	145.00	0.35	103751.55	103751.55	0.02000
4639	4686	4687	4765	4764	2	145.00	0.35	103751.55	103751.55	0.02000
4640	4687	4688	4766	4765	2	145.00	0.35	103751.55	103751.55	0.02000
4641	4688	4689	4767	4766	3	150.00	0.35	162150.30	162150.30	0.02000
4642	4689	4690	4768	4767	3	150.00	0.35	162150.30	162150.30	0.02000
4643	4690	4691	4769	4768	3	150.00	0.35	162150.30	162150.30	0.02000
4644	4691	4692	4770	4769	3	150.00	0.35	162150.30	162150.30	0.02000
4645	4692	4693	4771	4770	3	150.00	0.35	162150.30	162150.30	0.02000
4646	4693	4694	4772	4771	3	150.00	0.35	162150.30	162150.30	0.02000
4647	4694	4695	4773	4772	3	150.00	0.35	162150.30	162150.30	0.02000
4648	4695	4696	4774	4773	3	150.00	0.35	162150.30	162150.30	0.02000
4649	4696	4697	4775	4774	3	150.00	0.35	162150.30	162150.30	0.02000
4650	4697	4698	4776	4775	3	150.00	0.35	162150.30	162150.30	0.02000
4651	4698	4699	4777	4776	3	150.00	0.35	162150.30	162150.30	0.02000
4652	4699	4700	4778	4777	3	150.00	0.35	162150.30	162150.30	0.02000
4653	4700	4701	4779	4778	3	150.00	0.35	162150.30	162150.30	0.02000
4654	4701	4702	4780	4779	3	150.00	0.35	162150.30	162150.30	0.02000
4655	4702	4703	4781	4780	3	150.00	0.35	162150.30	162150.30	0.02000
4656	4703	4704	4782	4781	3	150.00	0.35	162150.30	162150.30	0.02000
4657	4704	4705	4783	4782	3	150.00	0.35	162150.30	162150.30	0.02000
4658	4705	4706	4784	4783	3	150.00	0.35	162150.30	162150.30	0.02000
4659	4706	4707	4785	4784	3	150.00	0.35	162150.30	162150.30	0.02000
4660	4707	4708	4786	4785	3	150.00	0.35	162150.30	162150.30	0.02000
4661	4708	4709	4787	4786	3	150.00	0.35	162150.30	162150.30	0.02000
4662	4709	4710	4788	4787	3	150.00	0.35	162150.30	162150.30	0.02000
4663	4710	4711	4789	4788	3	150.00	0.35	162150.30	162150.30	0.02000
4664	4711	4712	4790	4789	3	150.00	0.35	162150.30	162150.30	0.02000
4665	4712	4713	4791	4790	3	150.00	0.35	162150.30	162150.30	0.02000
4666	4713	4714	4792	4791	3	150.00	0.35	162150.30	162150.30	0.02000
4667	4714	4715	4793	4792	3	150.00	0.35	162150.30	162150.30	0.02000
4668	4715	4716	4794	4793	3	150.00	0.35	162150.30	162150.30	0.02000
4669	4716	4717	4795	4794	3	150.00	0.35	162150.30	162150.30	0.02000
4670	4717	4718	4796	4795	3	150.00	0.35	162150.30	162150.30	0.02000
4671	4718	4719	4797	4796	3	150.00	0.35	162150.30	162150.30	0.02000
4672	4719	4720	4798	4797	3	150.00	0.35	162150.30	162150.30	0.02000
4673	4720	4721	4799	4798	3	150.00	0.35	162150.30	162150.30	0.02000
4674	4721	4722	4800	4799	3	150.00	0.35	162150.30	162150.30	0.02000
4675	4722	4723	4801	4800	3	150.00	0.35	162150.30	162150.30	0.02000
4676	4723	4724	4802	4801	3	150.00	0.35	162150.30	162150.30	0.02000
4677	4724	4725	4803	4802	3	150.00	0.35	162150.30	162150.30	0.02000
4678	4725	4726	4804	4803	3	150.00	0.35	162150.30	162150.30	0.02000
4679	4726	4727	4805	4804	3	150.00	0.35	162150.30	162150.30	0.02000
4680	4727	4728	4806	4805	3	150.00	0.35	162150.30	162150.30	0.02000
4681	4728	4729	4807	4806	3	150.00	0.35	162150.30	162150.30	0.02000
4682	4729	4730	4808	4807	3	150.00	0.35	162150.30	162150.30	0.02000
4683	4730	4731	4809	4808	3	150.00	0.35	162150.30	162150.30	0.02000
4684	4731	4732	4810	4809	3	150.00	0.35	162150.30	162150.30	0.02000
4685	4732	4733	4811	4810	3	150.00	0.35	162150.30	162150.30	0.02000
4686	4733	4734	4812	4811	3	150.00	0.35	162150.30	162150.30	0.02000
4687	4734	4735	4813	4812	3	150.00	0.35	162150.30	162150.30	0.02000
4688	4735	4736	4814	4813	3	150.00	0.35	162150.30	162150.30	0.02000
4689	4736	4737	4815	4814	3	150.00	0.35	162150.30	162150.30	0.02000
4690	4737	4738	4816	4815	3	150.00	0.35	162150.30	162150.30	0.02000
4691	4738	4739	4817	4816	3	150.00	0.35	162150.30	162150.30	0.02000
4692	4740	4741	4819	4818	1	140.00	0.37	69565.22	69565.22	0.02000
4693	4741	4742	4820	4819	1	140.00	0.37	69565.22	69565.22	0.02000
4694	4742	4743	4821	4820	1	140.00	0.37	69565.22	69565.22	0.02000
4695	4743	4744	4822	4821	1	140.00	0.37	69565.22	69565.22	0.02000
4696	4744	4745	4823	4822	1	140.00	0.37	69565.22	69565.22	0.02000
4697	4745	4746	4824	4823	1	140.00	0.37	69565.22	69565.22	0.02000
4698	4746	4747	4825	4824	1	140.00	0.37	69565.22	69565.22	0.02000
4699	4747	4748	4826	4825	1	140.00	0.37	69565.22	69565.22	0.02000
4700	4748	4749	4827	4826	1	140.00	0.37	69565.22	69565.22	0.02000
4701	4749	4750	4828	4827	1	140.00	0.37	69565.22	69565.22	0.02000
4702	4750	4751	4829	4828	1	140.00	0.37	69565.22	69565.22	0.02000
4703	4751	4752	4830	4829	1	140.00	0.37	69565.22	69565.22	0.02000
4704	4752	4753	4831	4830	1	140.00	0.37	69565.22	69565.22	0.02000
4705	4753	4754	4832	4831	2	145.00	0.35	103751.55	103751.55	0.02000
4706	4754	4755	4833	4832	2	145.00	0.35	103751.55	103751.55	0.02000
4707	4755	4756	4834	4833	2	145.00	0.35	103751.55	103751.55	0.02000
4708	4756	4757	4835	4834	2	145.00	0.35	103751.55	103751.55	0.02000
4709	4757	4758	4836	4835	2	145.00	0.35	103751.55	103751.55	0.02000
4710	4758	4759	4837	4836	2	145.00	0.35	103751.55	103751.55	0.02000
4711	4759	4760	4838	4837	2	145.00	0.35	103751.55	103751.55	0.02000
4712	4760	4761	4839	4838	2	145.00	0.35	103751.55	103751.55	0.02000
4713	4761	4762	4840	4839	2	145.00	0.35	103751.55	103751.55	0.02000
4714	4762	4763	4841	4840	2	145.00	0.35	103751.55	103751.55	0.02000
4715	4763	4764	4842	4841	2	145.00	0.35	103751.55	103751.55	0.02000
4716	4764	4765	4843	4842	2	145.00	0.35	103751.55	103751.55	0.02000
4717	4765	4766	4844	4843	2	145.00	0.35	103751.55	103751.55	0.02000
4718	4766	4767	4845	4844	3	150.00	0.35	162150.30	162150.30	0.02000
4719	4767	4768	4846	4845	3	150.00	0.35	162150.30	162150.30	0.02000
4720	4768	4769	4847	4846	3	150.00	0.35	162150.30	162150.30	0.02000
4721	4769	4770	4848	4847	3	150.00	0.35	162150.30	162150.30	0.02000
4722	4770	4771	4849	4848	3	150.00	0.35	162150.30	162150.30	0.02000
4723	4771	4772	4850	4849	3	150.00	0.35	162150.30	162150.30	0.02000
4724	4772	4773	4851	4850	3	150.00	0.35	162150.30	162150.30	0.02000
4725	4773	4774	4852	4851	3	150.00	0.35	162150.30	162150.30	0.02000
4726	4774	4775	4853	4852	3	150.00	0.35	162150.30	162150.30	0.02000
4727	4775	4776	4854	4853	3	150.00	0.35	162150.30	162150.30	0.02000
4728	4776	4777	4855	4854	3	150.00	0.35	162150.30	162150.30	0.02000
4729	4777	4778	4856	4855	3	150.00	0.35	162150.30	162150.30	0.02000
4730	4778	4779	4857	4856	3	150.00	0.35	162150.30	162150.30	0.02000
4731	4779	4780	4858	4857	3	150.00	0.35	162150.30	162150.30	0.02000
4732	4780	4781	4859	4858	3	150.00	0.35	162150.30	162150.30	0.02000
4733	4781	4782	4860	4859	3	150.00	0.35	162150.30	162150.30	0.02000
4734	4782	4783	4861	4860	3	150.00	0.35	162150.30	162150.30	0.02000
4735	4783	4784	4862	4861	3	150.00	0.35	162150.30	162150.30	0.02000
4736	4784	4785	4863	4862	3	150.00	0.35	162150.30	162150.30	0.02000
4737	4785	4786	4864	4863	3	150.00	0.35	162150.30	162150.30	0.02000
4738	4786	4787	4865	4864	3	150.00	0.35	162150.30	162150.30	0.02000
4739	4787	4788	4866	4865	3	150.00	0.35	162150.30	162150.30	0.02000
4740	4788	4789	4867	4866	3	150.00	0.35	162150.30	162150.30	0.02000
4741	4789	4790	4868	4867	3	150.00	0.35	162150.30	162150.30	0.02000
4742	4790	4791	4869	4868	3	150.00	0.35	162150.30	162150.30	0.02000
4743	4791	4792	4870	4869	3	150.00	0.35	162150.30	162150.30	0.02000
4744	4792	4793	4871	4870	3	150.00	0.35	162150.30	162150.30	0.02000
4745	4793	4794	4872	4871	3	150.00	0.35	162150.30	162150.30	0.02000
4746	4794	4795	4873	4872	3	150.00	0.35	162150.30	162150.30	0.02000
4747	4795	4796	4874	4873	3	150.00	0.35	162150.30	162150.30	0.02000
4748	4796	4797	4875	4874	3	150.00	0.35	162150.30	162150.30	0.02000
4749	4797	4798	4876	4875	3	150.00	0.35	162150.30	162150.30	0.02000
4750	4798	4799	4877	4876	3	150.00	0.35	162150.30	162150.30	0.02000
4751	4799	4800	4878	4877	3	150.00	0.35	162150.30	162150.30	0.02000
4752	4800	4801	4879	4878	3	150.00	0.35	162150.30	162150.30	0.02000
4753	4801	4802	4880	4879	3	150.00	0.35	162150.30	162150.30	0.02000
4754	4802	4803	4881	4880	3	150.00	0.35	162150.30	162150.30	0.02000
4755	4803	4804	4882	4881	3	150.00	0.35	162150.30	162150.30	0.02000
4756	4804	4805	4883	4882	3	150.00	0.35	162150.30	162150.30	0.02000
4757	4805	4806	4884	4883	3	150.00	0.35	162150.30	162150.30	0.02000
4758	4806	4807	4885	4884	3	150.00	0.35	162150.30	162150.30	0.02000
4759	4807	4808	4886	4885	3	150.00	0.35	162150.30	162150.30	0.02000
4760	4808	4809	4887	4886	3	150.00	0.35	162150.30	162150.30	0.02000
4761	4809	4810	4888	4887	3	150.00	0.35	162150.30	162150.30	0.02000
4762	4810	4811	4889	4888	3	150.00	0.35	162150.30	162150.30	0.02000
4763	4811	4812	4890	4889	3	150.00	0.35	162150.30	162150.30	0.02000
4764	4812	4813	4891	4890	3	150.00	0.35	162150.30	162150.30	0.02000
4765	4813	4814	4892	4891	3	150.00	0.35	162150.30	162150.30	0.02000
4766	4814	4815	4893	4892	3	150.00	0.35	162150.30	162150.30	0.02000
4767	4815	4816	4894	4893	3	150.00	0.35	162150.30	162150.30	0.02000
4768	4816	4817	4895	4894	3	150.00	0.35	162150.30	162150.30	0.02000
4769	4818	4819	4897	4896	1	140.00	0.37	69565.22	69565.22	0.02000
4770	4819	4820	4898	4897	1	140.00	0.37	69565.22	69565.22	0.02000
4771	4820	4821	4899	4898	1	140.00	0.37	69565.22	69565.22	0.02000
4772	4821	4822	4900	4899	1	140.00	0.37	69565.22	69565.22	0.02000
4773	4822	4823	4901	4900	1	140.00	0.37	69565.22	69565.22	0.02000
4774	4823	4824	4902	4901	1	140.00	0.37	69565.22	69565.22	0.02000
4775	4824	4825	4903	4902	1	140.00	0.37	69565.22	69565.22	0.02000
4776	4825	4826	4904	4903	1	140.00	0.37	69565.22	69565.22	0.02000
4777	4826	4827	4905	4904	1	140.00	0.37	69565.22	69565.22	0.02000
4778	4827	4828	4906	4905	1	140.00	0.37	69565.22	69565.22	0.02000
4779	4828	4829	4907	4906	1	140.00	0.37	69565.22	69565.22	0.02000
4780	4829	4830	4908	4907	1	140.00	0.37	69565.22	69565.22	0.02000
4781	4830	4831	4909	4908	1	140.00	0.37	69565.22	69565.22	0.02000
4782	4831	4832	4910	4909	2	145.00	0.35	103751.55	103751.55	0.02000
4783	4832	4833	4911	4910	2	145.00	0.35	103751.55	103751.55	0.02000
4784	4833	4834	4912	4911	2	145.00	0.35	103751.55	103751.55	0.02000
4785	4834	4835	4913	4912	2	145.00	0.35	103751.55	103751.55	0.02000
4786	4835	4836	4914	4913	2	145.00	0.35	103751.55	103751.55	0.02000
4787	4836	4837	4915	4914	2	145.00	0.35	103751.55	103751.55	0.02000
4788	4837	4838	4916	4915	2	145.00	0.35	103751.55	103751.55	0.02000

4789	4838	4839	4917	4916	2	145.00	0.35	103751.55	103751.55	0.02000
4790	4839	4840	4918	4917	2	145.00	0.35	103751.55	103751.55	0.02000
4791	4840	4841	4919	4918	2	145.00	0.35	103751.55	103751.55	0.02000
4792	4841	4842	4920	4919	2	145.00	0.35	103751.55	103751.55	0.02000
4793	4842	4843	4921	4920	2	145.00	0.35	103751.55	103751.55	0.02000
4794	4843	4844	4922	4921	2	145.00	0.35	103751.55	103751.55	0.02000
4795	4844	4845	4923	4922	3	150.00	0.35	162158.30	162158.30	0.02000
4796	4845	4846	4924	4923	3	150.00	0.35	162158.30	162158.30	0.02000
4797	4846	4847	4925	4924	3	150.00	0.35	162158.30	162158.30	0.02000
4798	4847	4848	4926	4925	3	150.00	0.35	162158.30	162158.30	0.02000
4799	4848	4849	4927	4926	3	150.00	0.35	162158.30	162158.30	0.02000
4800	4849	4850	4928	4927	3	150.00	0.35	162158.30	162158.30	0.02000
4801	4850	4851	4929	4928	3	150.00	0.35	162158.30	162158.30	0.02000
4802	4851	4852	4930	4929	3	150.00	0.35	162158.30	162158.30	0.02000
4803	4852	4853	4931	4930	3	150.00	0.35	162158.30	162158.30	0.02000
4804	4853	4854	4932	4931	3	150.00	0.35	162158.30	162158.30	0.02000
4805	4854	4855	4933	4932	3	150.00	0.35	162158.30	162158.30	0.02000
4806	4855	4856	4934	4933	3	150.00	0.35	162158.30	162158.30	0.02000
4807	4856	4857	4935	4934	3	150.00	0.35	162158.30	162158.30	0.02000
4808	4857	4858	4936	4935	3	150.00	0.35	162158.30	162158.30	0.02000
4809	4858	4859	4937	4936	3	150.00	0.35	162158.30	162158.30	0.02000
4810	4859	4860	4938	4937	3	150.00	0.35	162158.30	162158.30	0.02000
4811	4860	4861	4939	4938	3	150.00	0.35	162158.30	162158.30	0.02000
4812	4861	4862	4940	4939	3	150.00	0.35	162158.30	162158.30	0.02000
4813	4862	4863	4941	4940	3	150.00	0.35	162158.30	162158.30	0.02000
4814	4863	4864	4942	4941	3	150.00	0.35	162158.30	162158.30	0.02000
4815	4864	4865	4943	4942	3	150.00	0.35	162158.30	162158.30	0.02000
4816	4865	4866	4944	4943	3	150.00	0.35	162158.30	162158.30	0.02000
4817	4866	4867	4945	4944	3	150.00	0.35	162158.30	162158.30	0.02000
4818	4867	4868	4946	4945	3	150.00	0.35	162158.30	162158.30	0.02000
4819	4868	4869	4947	4946	3	150.00	0.35	162158.30	162158.30	0.02000
4820	4869	4870	4948	4947	3	150.00	0.35	162158.30	162158.30	0.02000
4821	4870	4871	4949	4948	3	150.00	0.35	162158.30	162158.30	0.02000
4822	4871	4872	4950	4949	3	150.00	0.35	162158.30	162158.30	0.02000
4823	4872	4873	4951	4950	3	150.00	0.35	162158.30	162158.30	0.02000
4824	4873	4874	4952	4951	3	150.00	0.35	162158.30	162158.30	0.02000
4825	4874	4875	4953	4952	3	150.00	0.35	162158.30	162158.30	0.02000
4826	4875	4876	4954	4953	3	150.00	0.35	162158.30	162158.30	0.02000
4827	4876	4877	4955	4954	3	150.00	0.35	162158.30	162158.30	0.02000
4828	4877	4878	4956	4955	3	150.00	0.35	162158.30	162158.30	0.02000
4829	4878	4879	4957	4956	3	150.00	0.35	162158.30	162158.30	0.02000
4830	4879	4880	4958	4957	3	150.00	0.35	162158.30	162158.30	0.02000
4831	4880	4881	4959	4958	3	150.00	0.35	162158.30	162158.30	0.02000
4832	4881	4882	4960	4959	3	150.00	0.35	162158.30	162158.30	0.02000
4833	4882	4883	4961	4960	3	150.00	0.35	162158.30	162158.30	0.02000
4834	4883	4884	4962	4961	3	150.00	0.35	162158.30	162158.30	0.02000
4835	4884	4885	4963	4962	3	150.00	0.35	162158.30	162158.30	0.02000
4836	4885	4886	4964	4963	3	150.00	0.35	162158.30	162158.30	0.02000
4837	4886	4887	4965	4964	3	150.00	0.35	162158.30	162158.30	0.02000
4838	4887	4888	4966	4965	3	150.00	0.35	162158.30	162158.30	0.02000
4839	4888	4889	4967	4966	3	150.00	0.35	162158.30	162158.30	0.02000
4840	4889	4890	4968	4967	3	150.00	0.35	162158.30	162158.30	0.02000
4841	4890	4891	4969	4968	3	150.00	0.35	162158.30	162158.30	0.02000
4842	4891	4892	4970	4969	3	150.00	0.35	162158.30	162158.30	0.02000
4843	4892	4893	4971	4970	3	150.00	0.35	162158.30	162158.30	0.02000
4844	4893	4894	4972	4971	3	150.00	0.35	162158.30	162158.30	0.02000
4845	4894	4895	4973	4972	3	150.00	0.35	162158.30	162158.30	0.02000
4846	4896	4897	4975	4974	1	140.00	0.37	69565.22	69565.22	0.02000
4847	4897	4898	4976	4975	1	140.00	0.37	69565.22	69565.22	0.02000
4848	4898	4899	4977	4976	1	140.00	0.37	69565.22	69565.22	0.02000
4849	4899	4900	4978	4977	1	140.00	0.37	69565.22	69565.22	0.02000
4850	4900	4901	4979	4978	1	140.00	0.37	69565.22	69565.22	0.02000
4851	4901	4902	4980	4979	1	140.00	0.37	69565.22	69565.22	0.02000
4852	4902	4903	4981	4980	1	140.00	0.37	69565.22	69565.22	0.02000
4853	4903	4904	4982	4981	1	140.00	0.37	69565.22	69565.22	0.02000
4854	4904	4905	4983	4982	1	140.00	0.37	69565.22	69565.22	0.02000
4855	4905	4906	4984	4983	1	140.00	0.37	69565.22	69565.22	0.02000
4856	4906	4907	4985	4984	1	140.00	0.37	69565.22	69565.22	0.02000
4857	4907	4908	4986	4985	1	140.00	0.37	69565.22	69565.22	0.02000
4858	4908	4909	4987	4986	1	140.00	0.37	69565.22	69565.22	0.02000
4859	4909	4910	4988	4987	2	145.00	0.35	103751.55	103751.55	0.02000
4860	4910	4911	4989	4988	2	145.00	0.35	103751.55	103751.55	0.02000
4861	4911	4912	4990	4989	2	145.00	0.35	103751.55	103751.55	0.02000
4862	4912	4913	4991	4990	2	145.00	0.35	103751.55	103751.55	0.02000
4863	4913	4914	4992	4991	2	145.00	0.35	103751.55	103751.55	0.02000
4864	4914	4915	4993	4992	2	145.00	0.35	103751.55	103751.55	0.02000
4865	4915	4916	4994	4993	2	145.00	0.35	103751.55	103751.55	0.02000
4866	4916	4917	4995	4994	2	145.00	0.35	103751.55	103751.55	0.02000
4867	4917	4918	4996	4995	2	145.00	0.35	103751.55	103751.55	0.02000
4868	4918	4919	4997	4996	2	145.00	0.35	103751.55	103751.55	0.02000
4869	4919	4920	4998	4997	2	145.00	0.35	103751.55	103751.55	0.02000
4870	4920	4921	4999	4998	2	145.00	0.35	103751.55	103751.55	0.02000
4871	4921	4922	5000	4999	2	145.00	0.35	103751.55	103751.55	0.02000
4872	4922	4923	5001	5000	3	150.00	0.35	162158.30	162158.30	0.02000
4873	4923	4924	5002	5001	3	150.00	0.35	162158.30	162158.30	0.02000
4874	4924	4925	5003	5002	3	150.00	0.35	162158.30	162158.30	0.02000
4875	4925	4926	5004	5003	3	150.00	0.35	162158.30	162158.30	0.02000
4876	4926	4927	5005	5004	3	150.00	0.35	162158.30	162158.30	0.02000
4877	4927	4928	5006	5005	3	150.00	0.35	162158.30	162158.30	0.02000
4878	4928	4929	5007	5006	3	150.00	0.35	162158.30	162158.30	0.02000
4879	4929	4930	5008	5007	3	150.00	0.35	162158.30	162158.30	0.02000
4880	4930	4931	5009	5008	3	150.00	0.35	162158.30	162158.30	0.02000
4881	4931	4932	5010	5009	3	150.00	0.35	162158.30	162158.30	0.02000
4882	4932	4933	5011	5010	3	150.00	0.35	162158.30	162158.30	0.02000
4883	4933	4934	5012	5011	3	150.00	0.35	162158.30	162158.30	0.02000
4884	4934	4935	5013	5012	3	150.00	0.35	162158.30	162158.30	0.02000
4885	4935	4936	5014	5013	3	150.00	0.35	162158.30	162158.30	0.02000
4886	4936	4937	5015	5014	3	150.00	0.35	162158.30	162158.30	0.02000
4887	4937	4938	5016	5015	3	150.00	0.35	162158.30	162158.30	0.02000
4888	4938	4939	5017	5016	3	150.00	0.35	162158.30	162158.30	0.02000
4889	4939	4940	5018	5017	3	150.00	0.35	162158.30	162158.30	0.02000
4890	4940	4941	5019	5018	3	150.00	0.35	162158.30	162158.30	0.02000
4891	4941	4942	5020	5019	3	150.00	0.35	162158.30	162158.30	0.02000
4892	4942	4943	5021	5020	3	150.00	0.35	162158.30	162158.30	0.02000
4893	4943	4944	5022	5021	3	150.00	0.35	162158.30	162158.30	0.02000
4894	4944	4945	5023	5022	3	150.00	0.35	162158.30	162158.30	0.02000
4895	4945	4946	5024	5023	3	150.00	0.35	162158.30	162158.30	0.02000
4896	4946	4947	5025	5024	3	150.00	0.35	162158.30	162158.30	0.02000
4897	4947	4948	5026	5025	3	150.00	0.35	162158.30	162158.30	0.02000
4898	4948	4949	5027	5026	3	150.00	0.35	162158.30	162158.30	0.02000
4899	4949	4950	5028	5027	3	150.00	0.35	162158.30	162158.30	0.02000
4900	4950	4951	5029	5028	3	150.00	0.35	162158.30	162158.30	0.02000
4901	4951	4952	5030	5029	3	150.00	0.35	162158.30	162158.30	0.02000
4902	4952	4953	5031	5030	3	150.00	0.35	162158.30	162158.30	0.02000
4903	4953	4954	5032	5031	3	150.00	0.35	162158.30	162158.30	0.02000
4904	4954	4955	5033	5032	3	150.00	0.35	162158.30	162158.30	0.02000
4905	4955	4956	5034	5033	3	150.00	0.35	162158.30	162158.30	0.02000
4906	4956	4957	5035	5034	3	150.00	0.35	162158.30	162158.30	0.02000
4907	4957	4958	5036	5035	3	150.00	0.35	162158.30	162158.30	0.02000
4908	4958	4959	5037	5036	3	150.00	0.35	162158.30	162158.30	0.02000
4909	4959	4960	5038	5037	3	150.00	0.35	162158.30	162158.30	0.02000
4910	4960	4961	5039	5038	3	150.00	0.35	162158.30	162158.30	0.02000
4911	4961	4962	5040	5039	3	150.00	0.35	162158.30	162158.30	0.02000
4912	4962	4963	5041	5040	3	150.00	0.35	162158.30	162158.30	0.02000
4913	4963	4964	5042	5041	3	150.00	0.35	162158.30	162158.30	0.02000
4914	4964	4965	5043	5042	3	150.00	0.35	162158.30	162158.30	0.02000
4915	4965	4966	5044	5043	3	150.00	0.35	162158.30	162158.30	0.02000
4916	4966	4967	5045	5044	3	150.00	0.35	162158.30	162158.30	0.02000
4917	4967	4968	5046	5045	3	150.00	0.35	162158.30	162158.30	0.02000
4918	4968	4969	5047	5046	3	150.00	0.35	162158.30	162158.30	0.02000
4919	4969	4970	5048	5047	3	150.00	0.35	162158.30	162158.30	0.02000
4920	4970	4971	5049	5048	3	150.00	0.35	162158.30	162158.30	0.02000
4921	4971	4972	5050	5049	3	150.00	0.35	162158.30	162158.30	0.02000
4922	4972	4973	5051	5050	3	150.00	0.35	162158.30	162158.30	0.02000
4923	4974	4975	5053	5052	1	140.00	0.37	69565.22	69565.22	0.02000
4924	4975	4976	5054	5053	1	140.00	0.37	69565.22	69565.22	0.02000
4925	4976	4977	5055	5054	1	140.00	0.37	69565.22	69565.22	0.02000
4926	4977	4978	5056	5055	1	140.00	0.37	69565.22	69565.22	0.02000
4927	4978	4979	5057	5056	1	140.00	0.37	69565.22	69565.22	0.02000
4928	4979	4980	5058	5057	1	140.00	0.37	69565.22	69565.22	0.02000
4929	4980	4981	5059	5058	1	140.00	0.37	69565.22	69565.22	0.02000
4930	4981	4982	5060	5059	1	140.00	0.37	69565.22	69565.22	0.02000
4931	4982	4983	5061	5060	1	140.00	0.37	69565.22	69565.22	0.02000
4932	4983	4984	5062	5061	1	140.00	0.37	69565.22	69565.22	0.02000
4933	4984	4985	5063	5062	1	140.00	0.37	69565.22	69565.22	0.02000
4934	4985	4986	5064	5063	1	140.00	0.37	69565.22	69565.22	0.02000
4935	4986	4987	5065	5064	1	140.00	0.37	69565.22	69565.22	0.02000
4936	4987	4988	5066	5065	2	145.00	0.35	103751.55	103751.55	0.02000
4937	4988	4989	5067	5066	2	145.00	0.35	103751.55	103751.55	0.02000
4938	4989	4990	5068	5067	2	145.00	0.35	103751.55	103751.55	0.02000
4939	4990	4991	5069	5068	2	145.00	0.35	103751.55	103751.55	0.02000
4940	4991	4992	5070	5069	2	145.00	0.35	103751.55	103751.55	0.02000
4941	4992	4993	5071	5070	2	145.00	0.35	103751.55	103751.55	0.02000
4942	4993	4994	5072	5071	2	145.00	0.35	103751.55	103751.55	0.02000
4943	4994	4995	5073	5072	2	145.00	0.35	103751.55	103751.55	0.02000
4944	4995	4996	5074	5073	2	145.00	0.35	103751.55	103751.55	0.02000
4945	4996	4997	5075	5074	2	145.00	0.35	103751.55	103751.55	0.02000
4946	4997	4998	5076	5075	2	145.00	0.35	103751.55	103751.55	0.02000
4947	4998	4999	5077	5076	2	145.00	0.35	103751.55	103751.55	0.02000
4948	4999	5000	5078	5077	2	145.00	0.35	103751.55	103751.55	0.02000
4949	5000	5001	5079	5078	3	150.00	0.35	162158.30	162158.30	0.02000
4950	5001	5002	5080	5079	3	150.00	0.35	162158.30	162158.30	0.02000
4951	5002	5003	5081	5080	3	150.00	0.35	162158.30	162158.30	0.02000
4952	5003	5004	5082	5081	3	150.00	0.35	162158.30	162158.30	0.02000
4953	5004	5005	5083	5082	3	150.00	0.35	162158.30	162158.30	0.02000
4954	5005	5006	5084	5083	3	150.00	0.35	162158.30	162158.30	0.02000
4955	5006	5007	5085	5084	3	150.00	0.35	162158.30	162158.30	0.02000
4956	5007	5008	5086	5085	3	150.00	0.35	162158.30	162158.30	0.02000
4957	5008	5009	5087	5086	3	150.00	0.35	162158.30	162158.30	0.02000
4958	5009	5010	5088	5087	3	150.00	0.35	162158.30	162158.30	0.02000
4959	5010	5011	5089	5088	3	150.00	0.35	162158.30	162158.30	0.02000
4960	5011	5012	5090	5089	3	150.00	0.35	162158.30	162158.30	0.02000
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4962	5013	5014	5092	5091	3	150.00	0.35	162158.30	162158.30	0.02000
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4964	5015	5016	5094	5093	3	150.00	0.35	162158.30	162158.30	0.02000
4965	5016	5017	5095	5094	3	150.00	0.35	162158.30	162158.30	0.02000
4966	5017	5018	5096	5095	3	150.00	0.35	162158.30	162158.30	0.02000
4967	5018	5019	5097	5096	3	150.00	0.35	162158.30	162158.30	0.02000
4968	5019	5020	5098	5097	3	150.00	0.35	162158.30	162158.30	0.02000
4969	5020	5021	5099	5098	3	150.00	0.35	162158.30	162158.30	0.02000
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4971	5022	5023	5101	5100	3	150.00	0.35	162158.30	162158.30	0.02000
4972	5023	5024	5102	5101	3	150.00	0.35	162158.30	162158.30	0.02000
4973	5024	5025	5103	5102	3	150.00	0.35	162158.30	162158.30	0.02000
4974	5025	5026	5104	5103	3	150.00	0.35	162158.30	162158.30	0.02000
4975	5026	5027	5105	5104	3	150.00	0.35	162158.30	162158.30	0.02000
4976	5027	5028	5106	5105	3	150.00	0.35	162158.30	162158.30	0.02000
4977	5028	5029	5107	5106	3	150.00	0.35	162158.30	162158.30	0.02000
4978	5029	5030	5108	5107	3	150.00	0.35	162158.30	162158.30	0.02000
4979	5030	5031	5109	5108	3	150.00	0.35	162158.30	162158.30	0.02000
4980	5031	5032	5110	5109	3	150.00	0.35	162158.30	162158.30	0.02000
4981	5032	5033	5111	5110	3	150.00	0.35	162158.30	162158.30	0.02000
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4987	5038	5039	5117	5116	3	150.00	0.35	162158.30	162158.30	0.02000
4988	5039	5040	5118	5117	3	150.00	0.35	162158.30	162158.30	0.02000
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4990	5041	5042	5120	5119	3	150.00	0.35	162158.30	162158.30	0.02000
4991	5042	5043	5121	5120	3	150.00	0.35	162158.30	162158.30	0.02000
4992	5043	5044	5122	5121	3	150.00	0.35	162158.30	162158.30	0.02000
4993	5044	5045	5123	5122	3	150.00	0.35	162158.30	162158.30	0.02000
4994	5045	5046	5124	5123	3	150.00	0.35	162158.30	162158.30	0.02000
4995	5046	5047	5125	5124	3	150.00	0.35	162158.30	162158.30	0.02000
4996	5047	5048	5126	5125	3	150.00	0.35	162158.30	162158.30	0.02000
4997	5048	5049	5127	5126	3	150.00	0.35	162158.30	162158.30	0.02000
4998	5049	5050	5128	5127	3	150.00	0.35	162158.30	162158.30	0.02000
4999	5050	5051	5129	5128	3	150.00	0.35	162158.30	162158.30	0.02000

N	XORD	YORD	BC
1	-600.0000	301.0000	2
2	-600.0000	290.0000	2
3	-600.0000	280.0000	2
4	-600.0000	270.0000	2
5	-600.0000	260.0000	2
6	-600.0000	250.0000	2
7	-600.0000	240.0000	2
8	-600.0000	230.0000	2
9	-600.0000	220.0000	2
10	-600.0000	210.0000	2
11	-600.0000	200.0000	2
12	-600.0000	190.0000	2
13	-600.0000	180.0000	2
14	-600.0000	170.0000	2
15	-600.0000	160.0000	2
16	-600.0000	150.0000	2
17	-600.0000	140.0000	2
18	-600.0000	125.0000	2
19	-600.0000	110.0000	2
20	-600.0000	95.0000	2
21	-600.0000	80.0000	2
22	-600.0000	65.0000	2
23	-600.0000	50.0000	2
24	-600.0000	35.0000	2
25	-600.0000	20.0000	2
26	-600.0000	0.0000	4
27	-550.0000	301.0000	
28	-550.0000	290.0000	
29	-550.0000	280.0000	
30	-550.0000	270.0000	
31	-550.0000	260.0000	
32	-550.0000	250.0000	
33	-550.0000	240.0000	
34	-550.0000	230.0000	
35	-550.0000	220.0000	
36	-550.0000	210.0000	
37	-550.0000	200.0000	
38	-550.0000	190.0000	
39	-550.0000	180.0000	
40	-550.0000	170.0000	
41	-550.0000	160.0000	
42	-550.0000	150.0000	

OUT	X2IN	X1IN	XIN	X2IV

43	-550.0000	140.0000
44	-550.0000	125.0000
45	-550.0000	110.0000
46	-550.0000	95.0000
47	-550.0000	80.0000
48	-550.0000	65.0000
49	-550.0000	50.0000
50	-550.0000	35.0000
51	-550.0000	20.0000
52	-550.0000	0.0000
53	-500.0000	301.0000
54	-500.0000	290.0000
55	-500.0000	280.0000
56	-500.0000	270.0000
57	-500.0000	260.0000
58	-500.0000	250.0000
59	-500.0000	240.0000
60	-500.0000	230.0000
61	-500.0000	220.0000
62	-500.0000	210.0000
63	-500.0000	200.0000
64	-500.0000	190.0000
65	-500.0000	180.0000
66	-500.0000	170.0000
67	-500.0000	160.0000
68	-500.0000	150.0000
69	-500.0000	140.0000
70	-500.0000	125.0000
71	-500.0000	110.0000
72	-500.0000	95.0000
73	-500.0000	80.0000
74	-500.0000	65.0000
75	-500.0000	50.0000
76	-500.0000	35.0000
77	-500.0000	20.0000
78	-500.0000	0.0000
79	-450.0000	301.0000
80	-450.0000	290.0000
81	-450.0000	280.0000
82	-450.0000	270.0000
83	-450.0000	260.0000
84	-450.0000	250.0000
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110	-400.0000	250.0000
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123	-400.0000	110.0000
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159	-300.0000	280.0000
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161	-300.0000	260.0000
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208	-250.0000	0.0000
209	-200.0000	301.0000
210	-200.0000	290.0000
211	-200.0000	280.0000
212	-200.0000	270.0000
213	-200.0000	260.0000
214	-200.0000	250.0000
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230	-200.0000	65.0000
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235	-150.0000	301.0000
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237	-150.0000	280.0000
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242	-150.0000	230.0000
243	-150.0000	220.0000
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245	-150.0000	200.0000
246	-150.0000	190.0000
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251	-150.0000	140.0000
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256	-150.0000	65.0000
257	-150.0000	50.0000
258	-150.0000	35.0000
259	-150.0000	20.0000
260	-150.0000	0.0000
261	-100.0000	301.0000
262	-100.0000	290.0000
263	-100.0000	280.0000
264	-100.0000	270.0000
265	-100.0000	260.0000
266	-100.0000	250.0000
267	-100.0000	240.0000
268	-100.0000	230.0000
269	-100.0000	220.0000
270	-100.0000	210.0000
271	-100.0000	200.0000
272	-100.0000	190.0000
273	-100.0000	180.0000
274	-100.0000	170.0000
275	-100.0000	160.0000
276	-100.0000	150.0000
277	-100.0000	140.0000
278	-100.0000	125.0000
279	-100.0000	110.0000
280	-100.0000	95.0000
281	-100.0000	80.0000
282	-100.0000	65.0000
283	-100.0000	50.0000
284	-100.0000	35.0000
285	-100.0000	20.0000
286	-100.0000	0.0000
287	-50.0000	301.0000
288	-50.0000	290.0000
289	-50.0000	280.0000
290	-50.0000	270.0000
291	-50.0000	260.0000
292	-50.0000	250.0000
293	-50.0000	240.0000
294	-50.0000	230.0000
295	-50.0000	220.0000
296	-50.0000	210.0000
297	-50.0000	200.0000
298	-50.0000	190.0000
299	-50.0000	180.0000
300	-50.0000	170.0000
301	-50.0000	160.0000
302	-50.0000	150.0000
303	-50.0000	140.0000
304	-50.0000	125.0000
305	-50.0000	110.0000
306	-50.0000	95.0000
307	-50.0000	80.0000
308	-50.0000	65.0000
309	-50.0000	50.0000
310	-50.0000	35.0000
311	-50.0000	20.0000
312	-50.0000	0.0000
313	0.0000	301.0000
314	0.0000	290.0000
315	0.0000	280.0000
316	0.0000	270.0000
317	0.0000	260.0000
318	0.0000	250.0000
319	0.0000	240.0000
320	0.0000	230.0000
321	0.0000	220.0000
322	0.0000	210.0000
323	0.0000	200.0000
324	0.0000	190.0000
325	0.0000	180.0000
326	0.0000	170.0000
327	0.0000	160.0000
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330	0.0000	125.0000
331	0.0000	110.0000
332	0.0000	95.0000
333	0.0000	80.0000
334	0.0000	65.0000
335	0.0000	50.0000
336	0.0000	35.0000
337	0.0000	20.0000
338	0.0000	0.0000
339	20.0000	301.0000
340	20.0000	290.0000
341	20.0000	280.0000
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345	20.0000	240.0000
346	20.0000	230.0000
347	20.0000	220.0000
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349	20.0000	200.0000
350	20.0000	190.0000
351	20.0000	180.0000
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359	20.0000	80.0000
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361	20.0000	50.0000
362	20.0000	35.0000
363	20.0000	20.0000
364	20.0000	0.0000
365	40.0000	301.0000
366	40.0000	290.0000
367	40.0000	280.0000
368	40.0000	270.0000
369	40.0000	260.0000
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371	40.0000	240.0000
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373	40.0000	220.0000
374	40.0000	210.0000
375	40.0000	200.0000
376	40.0000	190.0000
377	40.0000	180.0000
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387	40.0000	50.0000
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389	40.0000	20.0000
390	40.0000	0.0000
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392	60.0000	290.0000
393	60.0000	280.0000
394	60.0000	270.0000
395	60.0000	260.0000
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400	60.0000	210.0000
401	60.0000	200.0000
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404	60.0000	170.0000
405	60.0000	160.0000
406	60.0000	150.0000
407	60.0000	140.0000
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413	60.0000	50.0000
414	60.0000	35.0000
415	60.0000	20.0000
416	60.0000	0.0000
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418	75.0000	290.0000
419	75.0000	280.0000
420	75.0000	270.0000
421	75.0000	260.0000
422	75.0000	250.0000
423	75.0000	240.0000
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425	75.0000	220.0000
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427	75.0000	200.0000
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429	75.0000	180.0000
430	75.0000	170.0000
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435	75.0000	110.0000
436	75.0000	95.0000
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439	75.0000	50.0000
440	75.0000	35.0000
441	75.0000	20.0000
442	75.0000	0.0000
443	85.0000	301.0000
444	85.0000	290.0000
445	85.0000	280.0000
446	85.0000	270.0000
447	85.0000	260.0000
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449	85.0000	240.0000
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467	85.0000	20.0000
468	85.0000	0.0000
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470	95.0000	301.0000
471	95.0000	290.0000
472	95.0000	280.0000
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475	95.0000	250.0000
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478	95.0000	220.0000
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481	95.0000	190.0000
482	95.0000	180.0000
483	95.0000	170.0000
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485	95.0000	150.0000
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490	95.0000	80.0000
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716	185.0000	270.0000
717	185.0000	260.0000
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726	185.0000	170.0000
727	185.0000	160.0000
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740	195.0000	301.0000
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744	195.0000	260.0000
745	195.0000	250.0000
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752	195.0000	180.0000
753	195.0000	170.0000
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768	203.0000	290.0000
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775	203.0000	220.0000
776	203.0000	210.0000
777	203.0000	200.0000
778	203.0000	190.0000
779	203.0000	180.0000
780	203.0000	170.0000
781	203.0000	160.0000
782	203.0000	150.0000
783	203.0000	140.0000
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785	203.0000	110.0000
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791	203.0000	20.0000
792	203.0000	0.0000
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794	208.5000	306.0000
795	208.5000	301.0000
796	208.5000	290.0000
797	208.5000	280.0000
798	208.5000	270.0000
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817	208.5000	50.0000
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822	214.0000	316.5000
823	214.0000	306.0000
824	214.0000	301.0000
825	214.0000	290.0000
826	214.0000	280.0000
827	214.0000	270.0000
828	214.0000	260.0000
829	214.0000	250.0000
830	214.0000	240.0000
831	214.0000	230.0000
832	214.0000	220.0000
833	214.0000	210.0000
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842	214.0000	110.0000
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855	222.0000	280.0000
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863	222.0000	200.0000
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875	222.0000	50.0000
876	222.0000	35.0000
877	222.0000	20.0000
878	222.0000	0.0000
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880	230.0000	316.5000
881	230.0000	306.0000
882	230.0000	301.0000
883	230.0000	290.0000
884	230.0000	280.0000
885	230.0000	270.0000
886	230.0000	260.0000
887	230.0000	250.0000
888	230.0000	240.0000
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890	230.0000	220.0000
891	230.0000	210.0000
892	230.0000	200.0000
893	230.0000	190.0000
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905	230.0000	35.0000
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907	230.0000	0.0000
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909	238.0000	316.5000
910	238.0000	306.0000
911	238.0000	301.0000
912	238.0000	290.0000
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923	238.0000	180.0000
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925	238.0000	160.0000
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939	243.0000	316.5000
940	243.0000	306.0000
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4825	2700.0000	654.0000	
4826	2700.0000	642.0000	
4827	2700.0000	630.0000	
4828	2700.0000	618.0000	
4829	2700.0000	606.0000	
4830	2700.0000	598.0000	
4831	2700.0000	590.0000	
4832	2700.0000	582.0000	
4833	2700.0000	574.0000	
4834	2700.0000	566.0000	
4835	2700.0000	559.0000	
4836	2700.0000	552.0000	
4837	2700.0000	545.0000	
4838	2700.0000	537.0000	
4839	2700.0000	530.0000	
4840	2700.0000	523.0000	
4841	2700.0000	515.0000	
4842	2700.0000	508.0000	
4843	2700.0000	501.0000	
4844	2700.0000	493.0000	
4845	2700.0000	486.0000	
4846	2700.0000	479.0000	
4847	2700.0000	472.0000	
4848	2700.0000	464.0000	
4849	2700.0000	457.0000	
4850	2700.0000	450.0000	
4851	2700.0000	442.0000	
4852	2700.0000	435.0000	
4853	2700.0000	428.0000	
4854	2700.0000	420.0000	
4855	2700.0000	413.0000	
4856	2700.0000	406.0000	
4857	2700.0000	399.0000	
4858	2700.0000	391.0000	
4859	2700.0000	384.0000	
4860	2700.0000	377.0000	
4861	2700.0000	371.0000	
4862	2700.0000	365.0000	
4863	2700.0000	359.0000	
4864	2700.0000	353.0000	
4865	2700.0000	347.0000	
4866	2700.0000	337.0000	
4867	2700.0000	327.0000	
4868	2700.0000	316.5000	
4869	2700.0000	306.0000	
4870	2700.0000	301.0000	
4871	2700.0000	290.0000	
4872	2700.0000	280.0000	
4873	2700.0000	270.0000	
4874	2700.0000	260.0000	
4875	2700.0000	250.0000	
4876	2700.0000	240.0000	
4877	2700.0000	230.0000	
4878	2700.0000	220.0000	
4879	2700.0000	210.0000	
4880	2700.0000	200.0000	
4881	2700.0000	190.0000	
4882	2700.0000	180.0000	
4883	2700.0000	170.0000	
4884	2700.0000	160.0000	
4885	2700.0000	150.0000	
4886	2700.0000	140.0000	
4887	2700.0000	125.0000	
4888	2700.0000	110.0000	
4889	2700.0000	95.0000	
4890	2700.0000	80.0000	
4891	2700.0000	65.0000	
4892	2700.0000	50.0000	
4893	2700.0000	35.0000	
4894	2700.0000	20.0000	
4895	2700.0000	0.0000	4
4896	2800.0000	750.0000	
4897	2800.0000	735.0000	
4898	2800.0000	720.0000	
4899	2800.0000	705.0000	
4900	2800.0000	690.0000	
4901	2800.0000	678.0000	
4902	2800.0000	666.0000	
4903	2800.0000	654.0000	
4904	2800.0000	642.0000	
4905	2800.0000	630.0000	
4906	2800.0000	618.0000	
4907	2800.0000	606.0000	
4908	2800.0000	598.0000	
4909	2800.0000	590.0000	
4910	2800.0000	582.0000	
4911	2800.0000	574.0000	
4912	2800.0000	566.0000	
4913	2800.0000	559.0000	
4914	2800.0000	552.0000	
4915	2800.0000	545.0000	
4916	2800.0000	537.0000	
4917	2800.0000	530.0000	
4918	2800.0000	523.0000	
4919	2800.0000	515.0000	
4920	2800.0000	508.0000	
4921	2800.0000	501.0000	
4922	2800.0000	493.0000	
4923	2800.0000	486.0000	
4924	2800.0000	479.0000	
4925	2800.0000	472.0000	
4926	2800.0000	464.0000	
4927	2800.0000	457.0000	
4928	2800.0000	450.0000	
4929	2800.0000	442.0000	
4930	2800.0000	435.0000	
4931	2800.0000	428.0000	
4932	2800.0000	420.0000	
4933	2800.0000	413.0000	
4934	2800.0000	406.0000	
4935	2800.0000	399.0000	
4936	2800.0000	391.0000	
4937	2800.0000	384.0000	
4938	2800.0000	377.0000	
4939	2800.0000	371.0000	
4940	2800.0000	365.0000	
4941	2800.0000	359.0000	
4942	2800.0000	353.0000	
4943	2800.0000	347.0000	
4944	2800.0000	337.0000	
4945	2800.0000	327.0000	
4946	2800.0000	316.5000	
4947	2800.0000	306.0000	
4948	2800.0000	301.0000	
4949	2800.0000	290.0000	
4950	2800.0000	280.0000	
4951	2800.0000	270.0000	
4952	2800.0000	260.0000	
4953	2800.0000	250.0000	
4954	2800.0000	240.0000	
4955	2800.0000	230.0000	
4956	2800.0000	220.0000	
4957	2800.0000	210.0000	
4958	2800.0000	200.0000	
4959	2800.0000	190.0000	
4960	2800.0000	180.0000	
4961	2800.0000	170.0000	
4962	2800.0000	160.0000	
4963	2800.0000	150.0000	
4964	2800.0000	140.0000	
4965	2800.0000	125.0000	
4966	2800.0000	110.0000	
4967	2800.0000	95.0000	
4968	2800.0000	80.0000	
4969	2800.0000	65.0000	
4970	2800.0000	50.0000	
4971	2800.0000	35.0000	
4972	2800.0000	20.0000	
4973	2800.0000	0.0000	4
4974	2900.0000	750.0000	
4975	2900.0000	735.0000	
4976	2900.0000	720.0000	
4977	2900.0000	705.0000	
4978	2900.0000	690.0000	
4979	2900.0000	678.0000	
4980	2900.0000	666.0000	
4981	2900.0000	654.0000	
4982	2900.0000	642.0000	
4983	2900.0000	630.0000	
4984	2900.0000	618.0000	
4985	2900.0000	606.0000	
4986	2900.0000	598.0000	
4987	2900.0000	590.0000	
4988	2900.0000	582.0000	
4989	2900.0000	574.0000	
4990	2900.0000	566.0000	
4991	2900.0000	559.0000	
4992	2900.0000	552.0000	
4993	2900.0000	545.0000	
4994	2900.0000	537.0000	
4995	2900.0000	530.0000	
4996	2900.0000	523.0000	
4997	2900.0000	515.0000	
4998	2900.0000	508.0000	
4999	2900.0000	501.0000	
5000	2900.0000	493.0000	
5001	2900.0000	486.0000	
5002	2900.0000	479.0000	
5003	2900.0000	472.0000	
5004	2900.0000	464.0000	
5005	2900.0000	457.0000	
5006	2900.0000	450.0000	
5007	2900.0000	442.0000	
5008	2900.0000	435.0000	
5009	2900.0000	428.0000	
5010	2900.0000	420.0000	
5011	2900.0000	413.0000	
5012	2900.0000	406.0000	
5013	2900.0000	399.0000	
5014	2900.0000	391.0000	
5015	2900.0000	384.0000	
5016	2900.0000	377.0000	
5017	2900.0000	371.0000	
5018	2900.0000	365.0000	
5019	2900.0000	359.0000	
5020	2900.0000	353.0000	
5021	2900.0000	347.0000	
5022	2900.0000	337.0000	
5023	2900.0000	327.0000	
5024	2900.0000	316.5000	
5025	2900.0000	306.0000	
5026	2900.0000	301.0000	
5027	2900.0000	290.0000	
5028	2900.0000	280.0000	
5029	2900.0000	270.0000	
5030	2900.0000	260.0000	
5031	2900.0000	250.0000	
5032	2900.0000	240.0000	
5033	2900.0000	230.0000	
5034	2900.0000	220.0000	
5035	2900.0000	210.0000	
5036	2900.0000	200.0000	
5037	2900.0000	190.0000	
5038	2900.0000	180.0000	
5039	2900.0000	170.0000	
5040	2900.0000	160.0000	
5041	2900.0000	150.0000	
5042	2900.0000	140.0000	
5043	2900.0000	125.0000	
5044	2900.0000	110.0000	
5045	2900.0000	95.0000	
5046	2900.0000	80.0000	
5047	2900.0000	65.0000	
5048	2900.0000	50.0000	
5049	2900.0000	35.0000	
5050	2900.0000	20.0000	
5051	2900.0000	0.0000	4
5052	3000.0000	750.0000	2
5053	3000.0000	735.0000	2
5054	3000.0000	720.0000	2
5055	3000.0000	705.0000	2
5056	3000.0000	690.0000	2
5057	3000.0000	678.0000	2
5058	3000.0000	666.0000	2
5059	3000.0000	654.0000	2
5060	3000.0000	642.0000	2
5061	3000.0000	630.0000	2
5062	3000.0000	618.0000	2
5063	3000.0000	606.0000	2
5064	3000.0000	598.0000	2
5065	3000.0000	590.0000	2
5066	3000.0000	582.0000	2
5067	3000.0000	574.0000	2
5068	3000.0000	566.0000	2
5069	3000.0000	559.0000	2
5070	3000.0000	552.0000	2
5071	3000.0000	545.0000	2
5072	3000.0000	537.0000	2
5073	3000.0000	530.0000	2
5074	3000.0000	523.0000	2
5075	3000.0000	515.0000	2
5076	3000.0000	508.0000	2
5077	3000.0000	501.0000	2
5078	3000.0000	493.0000	2
5079	3000.0000	486.0000	2
5080	3000.0000	479.0000	2
5081	3000.0000	472.0000	2
5082	3000.0000	464.0000	2
5083	3000.0000	457.0000	2
5084	3000.0000	450.0000	2
5085	3000.0000	442.0000	2
5086	3000.0000	435.0000	2
5087	3000.0000	428.0000	2
5088	3000.0000	420.0000	2
5089	3000.0000	413.0000	2
5090	3000.0000	406.0000	2
5091	3000.0000	399.0000	2
5092	3000.0000	391.0000	2
5093	3000.0000	384.0000	2
5094	3000.0000	377.0000	2
5095	3000.0000	371.0000	2
5096	3000.0000	365.0000	2
5097	3000.0000	359.0000	2
5098	3000.0000	353.0000	2
5099	3000.0000	347.0000	2
5100	3000.0000	337.0000	2
5101	3000.0000	327.0000	2
5102	3000.0000	316.5000	2
5103	3000.0000	306.0000	2
5104	3000.0000	301.0000	2
5105	3000.0000	290.0000	2
5106	3000.0000	280.0000	2
5107	3000.0000	270.0000	2
5108	3000.0000	260.0000	2
5109	3000.0000	250.0000	2
5110	3000.0000	240.0000	2
5111	3000.0000	230.0000	2
5112	3000.0000	220.0000	2
5113	3000.0000	210.0000	2
5114	3000.0000	200.0000	2
5115	3000.0000	190.0000	2
5116	3000.0000	180.0000	2
5117	3000.0000	170.0000	2
5118	3000.0000	160.0000	2
5119	3000.0000	150.0000	2
5120	3000.0000	140.0000	2
5121	3000.0000	125.0000	2
5122	3000.0000	110.0000	2

```
$123 3000.0000   95.0000    2
$124 3000.0000   80.0000    2
$125 3000.0000   65.0000    2
$126 3000.0000   50.0000    2
$127 3000.0000   35.0000    2
$128 3000.0000   20.0000    2
$129 3000.0000    0.0000    4
```

LSOIL.DAT

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 8          FOR LSOIL, DIABLO CANYON P.P.
10  #1   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
    1.0       1.0      .988      .952      0.90      0.81      .725      0.64
   0.55      0.55
10          Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   2.0       2.2       2.4      2.75       3.1      3.85       4.6       5.4
   6.2       6.2
10  #2   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
    1.0       1.0      .988      .952      0.90      0.81      .725      0.64
   0.55      0.55
10          Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   2.0       2.2       2.4      2.75       3.1      3.85       4.6       5.4
   6.2       6.2
10  #3   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
    1.0       1.0      .988      .952      0.90      0.81      .725      0.64
   0.55      0.55
10          Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   2.0       2.2       2.4      2.75       3.1      3.85       4.6       5.4
   6.2       6.2
10  #4   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
    1.0       1.0      .988      .952      0.90      0.81      .725      0.64
   0.55      0.55
10          Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   2.0       2.2       2.4      2.75       3.1      3.85       4.6       5.4
   6.2       6.2
10  #5   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
    1.0       1.0      .988      .952      0.90      0.81      .725      0.64
   0.55      0.55
10          Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   2.0       2.2       2.4      2.75       3.1      3.85       4.6       5.4
   6.2       6.2
10  #6   Shear Modulus for Clay PI=15
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   1.0       1.0       1.0      0.94     0.820      0.64      0.40     0.210
   0.090     0.04      0.02
10          Damping for
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
```

```
   1.7       1.7       1.7       2.6       4.5       7.8       11.7      16.3
   20.2      23.0      23.0
10  #7   Shear Modulus for Clay PI=15
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   1.0       1.0       1.0      0.94     0.820      0.64      0.40     0.210
   0.090     0.04      0.02
10         Damping for
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
   1.7       1.7       1.7       2.6       4.5       7.8       11.7      16.3
   20.2      23.0      23.0
10  #8   Shear Modulus for Rock SHAKE91
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
  1.0       1.0      0.989     0.954     0.851     0.644     0.368     0.184
  0.086     0.066    0.046
10         Damping for Rock SHAKE91+1.6%
  .0001     .0003      .001      .003       .01       .03       0.1       0.3
     1.        3.
  0.281     0.422    0.704     1.407     2.814     5.347     9.849     16.04
  21.39     21.39    21.39
```

CNEWIS1.Q4O

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**************************************************
**************************************************
** QUAD4M   A COMPUTER PROGRAM FOR EVALUATING THE **
**          SEISMIC RESPONSE OF SOIL STRUCTURES   **
**                U.C.Davis, 1993                 **
**             by Martin Byrd Hudson,             **
**                I.M.Idriss,                     **
**                and Mohsen Baikae               **
**    MODIFIED FROM QUAD4, 1973                   **
**             by I.M.Idriss,                     **
**                J. Lysmer,                      **
**                R. Hwang and                    **
**                H. Bolton Seed                  **
**************************************************
**************************************************

   CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
 HORIZONTAL ACCELERATION INPUT FILE:
    SII1R46.FUN
 WITH FIRST LINE:
                        XMAX=  0.9352deconvolotion  from set1 rot 4


1

                  NO. OF ELEMENTS =  4999
               NO. OF NODAL POINTS =  5129
                DEGREES OF FREEDOM = 10258
                   HALF-BANDWIDTH =   160
               CONTROLLING ELEMENT =  3461
         NO. OF FIXED BNDRY CONDS. =   207
               NO. OF ITERATIONS =     4
     TOTAL EQ. POINTS READ (KGMAX) =  9625
 LAST EQ. PTS. USED (N1EQ TO KGEQ)  =     1  9625
   INT. EQ. PTS USED (N2EQ TO N3EQ) =     1  9625
          TIME INTERVAL OF RECORDS =    .0050  SECONDS
          STRAIN CONVERSION FACTOR =    .6500
    DAMPING RATIO REDUCTION FACTOR =   1.000
   PREDOMINANT INPUT MOTION PERIOD =    .2300  SECONDS
    EQ. MULT. FACTOR (HORZ. COMP.) =  1.0000
 MAXIMUM ACCEL. USED (HORZ. COMP.) =    .9352

 SOIL DATA TAKEN FROM FILE: lsoil.dat

*********************
 MATERIAL TYPE NO. 1
*********************
MODULUS:   #1   Shear Modulus for Rock SHAKE91
DAMPING:          Damping for Rock SHAKE91+1.6%
 ==================     ==================
   STRAIN    G/Gmax       STRAIN    DAMPING
  --------  -------     --------  --------
    .0001    1.000        .0001      2.00
    .0003    1.000        .0003      2.20
    .0010     .988        .0010      2.40
    .0030     .952        .0030      2.75
    .0100     .900        .0100      3.10
    .0300     .810        .0300      3.85
    .1000     .725        .1000      4.60
    .3000     .640        .3000      5.40
   1.0000     .550       1.0000      6.20
   3.0000     .550       3.0000      6.20

......................... SKIP TO NEXT SECTION

UNDERLYING STRATUM DATA:

    UNIT WEIGHT:    150.000  PCF
    SHEAR WAVE VELOCITY:    5900.00  FT/SEC
    COMPRESSION WAVE VELOCITY:   15570.00  FT/SEC


1
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ELM	NODE 1	NODE 2	NODE 3	NODE 4	MAT.TYPE	DENSITY (PCF)	POISSON R.	GMX (KSF)	SH. MODULUS (KSF)	DAMP. RATIO	AREA (FT^2)
1	1	2	28	27	1	140.000	.370	69565.220	69565.220	.020	550.000
2	2	3	29	28	1	140.000	.370	69565.220	69565.220	.020	500.000
3	3	4	30	29	1	140.000	.370	69565.220	69565.220	.020	500.000
4	4	5	31	30	1	140.000	.370	69565.220	69565.220	.020	500.000
5	5	6	32	31	1	140.000	.370	69565.220	69565.220	.020	500.000
6	6	7	33	32	1	140.000	.370	69565.220	69565.220	.020	500.000
7	7	8	34	33	1	140.000	.370	69565.220	69565.220	.020	500.000
8	8	9	35	34	1	140.000	.370	69565.220	69565.220	.020	500.000
9	9	10	36	35	1	140.000	.370	69565.220	69565.220	.020	500.000

10	10	11	37	36	1	140.000	.370	69565.220	69565.220	.020	500.000
11	11	12	38	37	1	140.000	.370	69565.220	69565.220	.020	500.000
12	12	13	39	38	1	140.000	.370	69565.220	69565.220	.020	500.000
13	13	14	40	39	1	140.000	.370	69565.220	69565.220	.020	500.000
14	14	15	41	40	1	140.000	.370	69565.220	69565.220	.020	500.000
15	15	16	42	41	1	140.000	.370	69565.220	69565.220	.020	500.000
16	16	17	43	42	1	140.000	.370	69565.220	69565.220	.020	500.000
17	17	18	44	43	2	145.000	.350	103751.500	103751.500	.020	750.000
18	18	19	45	44	2	145.000	.350	103751.500	103751.500	.020	750.000
19	19	20	46	45	2	145.000	.350	103751.500	103751.500	.020	750.000
20	20	21	47	46	2	145.000	.350	103751.500	103751.500	.020	750.000

..... SKIP TO NEXT SECTION

NODE	XORD	YORD	TRIBUTARY LEN	
1	-600.000	301.000	.000	CANNOT MOVE IN Y DIRECTION
2	-600.000	290.000	.000	CANNOT MOVE IN Y DIRECTION
3	-600.000	280.000	.000	CANNOT MOVE IN Y DIRECTION
4	-600.000	270.000	.000	CANNOT MOVE IN Y DIRECTION
5	-600.000	260.000	.000	CANNOT MOVE IN Y DIRECTION
6	-600.000	250.000	.000	CANNOT MOVE IN Y DIRECTION
7	-600.000	240.000	.000	CANNOT MOVE IN Y DIRECTION
8	-600.000	230.000	.000	CANNOT MOVE IN Y DIRECTION
9	-600.000	220.000	.000	CANNOT MOVE IN Y DIRECTION
10	-600.000	210.000	.000	CANNOT MOVE IN Y DIRECTION
11	-600.000	200.000	.000	CANNOT MOVE IN Y DIRECTION
12	-600.000	190.000	.000	CANNOT MOVE IN Y DIRECTION
13	-600.000	180.000	.000	CANNOT MOVE IN Y DIRECTION
14	-600.000	170.000	.000	CANNOT MOVE IN Y DIRECTION
15	-600.000	160.000	.000	CANNOT MOVE IN Y DIRECTION
16	-600.000	150.000	.000	CANNOT MOVE IN Y DIRECTION
17	-600.000	140.000	.000	CANNOT MOVE IN Y DIRECTION
18	-600.000	125.000	.000	CANNOT MOVE IN Y DIRECTION
19	-600.000	110.000	.000	CANNOT MOVE IN Y DIRECTION
20	-600.000	95.000	.000	CANNOT MOVE IN Y DIRECTION

..... SKIP TO NEXT SECTION

ITERATION NO. 1

..... SKIP TO NEXT SECTION

ITERATION NO. 2

..... SKIP TO NEXT SECTION

ITERATION NO. 3

..... SKIP TO NEXT SECTION

ITERATION NO. 4

DAMPING SET AT THE FOLLOWING TWO FREQUENCIES:
THE FIRST NATURAL FREQUENCY: CIRC FREQ= 11.877; PERIOD= .529 SEC
3 TIMES THE NATURAL FREQ.: CIRC FREQ= 35.632; PERIOD= .176 SEC

TIME REQUIRED FOR FORMATION AND TRIANGULIZATION OF MATRICES = 7. SEC

MODULI (ENG: KSF or SI: KN/M^2) AND DAMPING

ELM	G-USED	G-NEW	DIF-G	DAMP-USED	DAMP-NEW	DIF-DAMP
1	68762.0	68761.6	.0	.02392	.02393	.0
2	66351.4	66350.8	.0	.02732	.02733	.0
3	64880.4	64879.5	.0	.02880	.02880	.0
4	63872.4	63871.5	.0	.02978	.02978	.0
5	63121.2	63120.2	.0	.03050	.03051	.0
6	62447.3	62442.8	.0	.03119	.03120	.0
7	61477.5	61471.1	.0	.03236	.03236	.0
8	60658.8	60651.9	.0	.03334	.03334	.0
9	59955.3	59947.9	.0	.03418	.03419	.0
10	59334.7	59325.5	.0	.03492	.03493	.0
11	58778.1	58768.5	.0	.03559	.03560	.0
12	58280.1	58270.5	.0	.03619	.03620	.0
13	57822.2	57811.3	.0	.03673	.03675	.0
14	57401.6	57390.8	.0	.03724	.03725	.0
15	57021.7	57011.0	.0	.03769	.03771	.0
16	56578.7	56668.3	.0	.03810	.03812	.0

17	87694.8	87683.8	.0	.03556	.03557	.0
18	87037.3	87026.6	.0	.03609	.03610	.0
19	86455.4	86443.7	.0	.03656	.03657	.0
20	85921.6	85909.0	.0	.03699	.03700	.0

..... SKIP TO NEXT SECTION

PEAK NODAL ACCELERATION VALUES (g's)

NODE	XORD	YORD	X-ACC	AT TIME	Y-ACC	AT TIME
1	-600.0	301.0	1.2323	10.1050	.0000	.0000
2	-600.0	290.0	1.2285	10.1050	.0000	.0000
3	-600.0	280.0	1.2192	10.1100	.0000	.0000
4	-600.0	270.0	1.2023	10.1100	.0000	.0000
5	-600.0	260.0	1.1828	10.1100	.0000	.0000
6	-600.0	250.0	1.1573	10.1100	.0000	.0000
7	-600.0	240.0	1.1298	10.1150	.0000	.0000
8	-600.0	230.0	1.1111	10.1200	.0000	.0000
9	-600.0	220.0	1.0992	10.1250	.0000	.0000
10	-600.0	210.0	1.0866	10.1250	.0000	.0000
11	-600.0	200.0	1.0684	10.1250	.0000	.0000
12	-600.0	190.0	1.0445	10.1250	.0000	.0000
13	-600.0	180.0	1.0140	10.1250	.0000	.0000
14	-600.0	170.0	.9776	10.1250	.0000	.0000
15	-600.0	160.0	.9340	10.1250	.0000	.0000
16	-600.0	150.0	.9079	10.1450	.0000	.0000
17	-600.0	140.0	.8970	10.1450	.0000	.0000
18	-600.0	125.0	.8805	10.1450	.0000	.0000
19	-600.0	110.0	.8570	10.1450	.0000	.0000
20	-600.0	95.0	.8291	10.1550	.0000	.0000

..... SKIP TO NEXT SECTION

PEAK ELEMENTS STRESSES (ENG: PSF or SI: N/M^2) AND STRAINS

ELM	SIG-X	SIG-Y	SIG-XY	EPS-MAX	AT TIME
1	1435.6	19.2	999.6	.001	10.110
2	1375.9	39.0	2895.5	.004	10.110
3	1345.3	53.7	4685.4	.007	10.110
4	1324.5	68.6	6452.7	.010	10.110
5	1309.9	82.2	8189.3	.013	10.110
6	1297.6	94.7	9889.8	.016	10.110
7	1277.2	105.9	11546.7	.019	10.110
8	1258.7	115.9	13154.4	.022	10.110
9	1242.1	125.0	14711.7	.025	10.110
10	1225.6	133.9	16239.7	.027	10.115
11	1208.7	144.1	17739.3	.030	10.115
12	1191.0	153.6	19195.1	.033	10.115
13	1172.5	162.2	20642.5	.036	10.120
14	1153.1	170.8	22061.6	.038	10.120
15	1132.8	178.8	23426.3	.041	10.120
16	1112.4	185.6	24728.4	.044	10.120
17	1663.0	194.3	26357.9	.030	10.120
18	1632.5	207.0	28263.6	.032	10.120
19	1603.3	220.4	30067.5	.035	10.125
20	1574.9	236.1	31822.5	.037	10.125

..... SKIP TO NEXT SECTION

ITERATION CYCLE NO. 4 AVE OVERALL DAMP = .035

TIME REQUIRED FOR 9625 STEPS = 1745. SEC

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***************
** END OF JOB **
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CNEWIS5.Q4I

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CNEWIS5: DIABLO CANYON POWR PLANT, I-I cross section
UNITS (E for English, S for SI):                                  *** (A1)          ***
E
       DRF       PRM    ROCKVP    ROCKVS   ROCKRHO                 *** (5F10.0)      ***
         1      0.65    15570      5900     150
 NELM NDPT NSLP                                                   *** (3I5)         ***
 4999 5129    0
KGMAX KGEQ N1EQ N2EQ N3EQ NUMB   KV KSAV                           *** (8I5)         ***
 4000 4000    1    1 4000    4    1    0
      DTEQ    EQMUL1    EQMUL2    UGMAX1    UGMAX2 HDRX HDRY NPLX NPLY   PRINPUT ***
(5F10.0,4I5,F10.0) ***
     0.01       1.0         0                          2    0    8    0    0.23
EARTHQUAKE INPUT FILE NAME(S) & FORMAT(S) (* for FREE FORMAT)  *** (A)            ***
SII5R46.PUN
(8f9.6)
 SOUT AOUT KOUT                                                   *** (3I5)         ***
    0    1    0
 ACCELERATION OUTPUT FORMAT (M or C), FILE PREFIX, AND SUFFIX:  *** (A)            ****
MULTIPLE
II5R46
Q4A
    N  NP1  NP2  NP3  NP4 TYPE      DENS        PO       GMX         G        XL LSTR
*** (6I5,5F10.0,I5) ***
    1    1    2   28   27    1    140.00      0.37  69565.22  69565.22   0.02000
    2    2    3   29   28    1    140.00      0.37  69565.22  69565.22   0.02000
    3    3    4   30   29    1    140.00      0.37  69565.22  69565.22   0.02000
    4    4    5   31   30    1    140.00      0.37  69565.22  69565.22   0.02000
    5    5    6   32   31    1    140.00      0.37  69565.22  69565.22   0.02000
    6    6    7   33   32    1    140.00      0.37  69565.22  69565.22   0.02000
    7    7    8   34   33    1    140.00      0.37  69565.22  69565.22   0.02000
    8    8    9   35   34    1    140.00      0.37  69565.22  69565.22   0.02000
    9    9   10   36   35    1    140.00      0.37  69565.22  69565.22   0.02000
   10   10   11   37   36    1    140.00      0.37  69565.22  69565.22   0.02000
    .
    .
    .
    ........... LINES OF INPUT ARE AS SAME AS CNEWIS1.Q4I
    .
    .
    .
 5120 3000.0000  140.0000    2
 5121 3000.0000  125.0000    2
 5122 3000.0000  110.0000    2
 5123 3000.0000   95.0000    2
 5124 3000.0000   80.0000    2
 5125 3000.0000   65.0000    2
 5126 3000.0000   50.0000    2
 5127 3000.0000   35.0000    2
 5128 3000.0000   20.0000    2
 5129 3000.0000    0.0000    4
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CNEWIS5.Q40

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*****************************************************
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** QUAD4M   A COMPUTER PROGRAM FOR EVALUATING THE **
**          SEISMIC RESPONSE OF SOIL STRUCTURES   **
**                U.C.Davis, 1993                 **
**             by Martin Byrd Hudson,             **
**                I.M.Idriss,                     **
**                and Mohsen Beikae               **
**    MODIFIED FROM QUAD4, 1973                   **
**             by I.M.Idriss,                     **
**                J. Lysmer,                      **
**                R. Hwang and                    **
**                H. Bolton Seed                  **
*****************************************************
*****************************************************

   CNEWIS5: DIABLO CANYON POWR PLANT, I-I cross section
 HORIZONTAL ACCELERATION INPUT FILE:
   SII5R46.PUN
 WITH FIRST LINE:
                        XMAX=  0.7507deconvolotion  from set 5 rot


1

                 NO. OF ELEMENTS =  4999
              NO. OF NODAL POINTS =  5129
               DEGREES OF FREEDOM = 10258
                   HALF-BANDWIDTH =   160
              CONTROLLING ELEMENT =  3461
         NO. OF FIXED BNDRY CONDS. =   207
               NO. OF ITERATIONS =     4
     TOTAL EQ. POINTS READ (NGMAX) =  4000
 LAST EQ. PTS. USED (N1EQ TO NGEQ)  =     1  4000
   INT. EQ. PTS USED (N2EQ TO N3EQ) =     1  4000
          TIME INTERVAL OF RECORDS =    .0100  SECONDS
          STRAIN CONVERSION FACTOR =    .6500
    DAMPING RATIO REDUCTION FACTOR =   1.000
   PREDOMINANT INPUT MOTION PERIOD =    .2300  SECONDS
    EQ. MULT. FACTOR (HORZ. COMP.) =  1.0000
 MAXIMUM ACCEL. USED (HORZ. COMP.) =    .7507

 SOIL DATA TAKEN FROM FILE: lsoil.dat

*********************
 MATERIAL TYPE NO. 1
*********************
MODULUS:    #1   Shear Modulus for Rock SHAKE91
DAMPING:           Damping for Rock SHAKE91+1.6%
 ==================      ================
   STRAIN    G/Gmax       STRAIN    DAMPING
  --------  -------      --------  --------
    .0001    1.000         .0001      2.00
    .0003    1.000         .0003      2.20
    .0010     .988         .0010      2.40
    .0030     .952         .0030      2.75
    .0100     .900         .0100      3.10
    .0300     .810         .0300      3.85
    .1000     .725         .1000      4.60
    .3000     .640         .3000      5.40
   1.0000     .550        1.0000      6.20
   3.0000     .550        3.0000      6.20

--------------------- SKIP TO NEXT SECTION

UNDERLYING STRATUM DATA:

    UNIT WEIGHT:     150.000  PCF
    SHEAR WAVE VELOCITY:     5900.00  FT/SEC
    COMPRESSION WAVE VELOCITY:    15570.00  FT/SEC


1
```

ELM	NODE 1	NODE 2	NODE 3	NODE 4	MAT.TYPE	DENSITY (PCF)	POISSON R.	GMX (KSF)	SH. MODULUS (KSF)	DAMP. RATIO	AREA (FT^2)
1	1	2	28	27	1	140.000	.370	69565.220	69565.220	.020	550.000
2	2	3	29	28	1	140.000	.370	69565.220	69565.220	.020	500.000
3	3	4	30	29	1	140.000	.370	69565.220	69565.220	.020	500.000
4	4	5	31	30	1	140.000	.370	69565.220	69565.220	.020	500.000
5	5	6	32	31	1	140.000	.370	69565.220	69565.220	.020	500.000
6	6	7	33	32	1	140.000	.370	69565.220	69565.220	.020	500.000

7	7	8	34	33	1	140.000	.370	69565.220	69565.220	.020	500.000
8	8	9	35	34	1	140.000	.370	69565.220	69565.220	.020	500.000
9	9	10	36	35	1	140.000	.370	69565.220	69565.220	.020	500.000
10	10	11	37	36	1	140.000	.370	69565.220	69565.220	.020	500.000
11	11	12	38	37	1	140.000	.370	69565.220	69565.220	.020	500.000
12	12	13	39	38	1	140.000	.370	69565.220	69565.220	.020	500.000
13	13	14	40	39	1	140.000	.370	69565.220	69565.220	.020	500.000
14	14	15	41	40	1	140.000	.370	69565.220	69565.220	.020	500.000
15	15	16	42	41	1	140.000	.370	69565.220	69565.220	.020	500.000
16	16	17	43	42	1	140.000	.370	69565.220	69565.220	.020	500.000
17	17	18	44	43	2	145.000	.350	103751.500	103751.500	.020	750.000
18	18	19	45	44	2	145.000	.350	103751.500	103751.500	.020	750.000
19	19	20	46	45	2	145.000	.350	103751.500	103751.500	.020	750.000
20	20	21	47	46	2	145.000	.350	103751.500	103751.500	.020	750.000

..... SKIP TO NEXT SECTION

NODE	XORD	YORD	TRIBUTARY LEN	
1	-600.000	301.000	.000	CANNOT MOVE IN Y DIRECTION
2	-600.000	290.000	.000	CANNOT MOVE IN Y DIRECTION
3	-600.000	280.000	.000	CANNOT MOVE IN Y DIRECTION
4	-600.000	270.000	.000	CANNOT MOVE IN Y DIRECTION
5	-600.000	260.000	.000	CANNOT MOVE IN Y DIRECTION
6	-600.000	250.000	.000	CANNOT MOVE IN Y DIRECTION
7	-600.000	240.000	.000	CANNOT MOVE IN Y DIRECTION
8	-600.000	230.000	.000	CANNOT MOVE IN Y DIRECTION
9	-600.000	220.000	.000	CANNOT MOVE IN Y DIRECTION
10	-600.000	210.000	.000	CANNOT MOVE IN Y DIRECTION
11	-600.000	200.000	.000	CANNOT MOVE IN Y DIRECTION
12	-600.000	190.000	.000	CANNOT MOVE IN Y DIRECTION
13	-600.000	180.000	.000	CANNOT MOVE IN Y DIRECTION
14	-600.000	170.000	.000	CANNOT MOVE IN Y DIRECTION
15	-600.000	160.000	.000	CANNOT MOVE IN Y DIRECTION
16	-600.000	150.000	.000	CANNOT MOVE IN Y DIRECTION
17	-600.000	140.000	.000	CANNOT MOVE IN Y DIRECTION
18	-600.000	125.000	.000	CANNOT MOVE IN Y DIRECTION
19	-600.000	110.000	.000	CANNOT MOVE IN Y DIRECTION
20	-600.000	95.000	.000	CANNOT MOVE IN Y DIRECTION

..... SKIP TO NEXT SECTION

ITERATION NO. 1

..... SKIP TO NEXT SECTION

ITERATION NO. 2

..... SKIP TO NEXT SECTION

ITERATION NO. 3

..... SKIP TO NEXT SECTION

ITERATION NO. 4

DAMPING SET AT THE FOLLOWING TWO FREQUENCIES:
THE FIRST NATURAL FREQUENCY: CIRC FREQ= 11.864; PERIOD= .530 SEC
3 TIMES THE NATURAL FREQ.: CIRC FREQ= 35.592; PERIOD= .177 SEC

TIME REQUIRED FOR FORMATION AND TRIANGULIZATION OF MATRICES = 7. SEC

MODULI (ENG: KSF or SI: KN/M^2) AND DAMPING

ELM	G-USED	G-NEW	DIF-G	DAMP-USED	DAMP-NEW	DIF-DAMP
1	68975.3	68975.2	.0	.02341	.02341	.0
2	67107.3	67107.1	.0	.02627	.02627	.0
3	65886.9	65885.9	.0	.02783	.02783	.0
4	64871.1	64869.9	.0	.02881	.02881	.0
5	64106.2	64104.9	.0	.02955	.02955	.0
6	63493.8	63492.5	.0	.03014	.03014	.0
7	62984.2	62982.8	.0	.03064	.03064	.0
8	62492.2	62488.0	.0	.03114	.03114	.0
9	61742.7	61736.0	.0	.03204	.03205	.0
10	61080.0	61072.9	.0	.03283	.03284	.0
11	60489.7	60482.1	.0	.03354	.03355	.0
12	59960.0	59951.9	.0	.03417	.03418	.0
13	59481.6	59473.2	.0	.03475	.03476	.0

14	59047.5	59039.0	.0	.03527	.03528	.0
15	58652.3	58643.6	.0	.03574	.03575	.0
16	58291.4	58282.6	.0	.03617	.03618	.0
17	90044.0	90034.4	.0	.03368	.03368	.0
18	89324.2	89314.7	.0	.03425	.03426	.0
19	88681.7	88671.9	.0	.03477	.03478	.0
20	88106.5	88096.9	.0	.03523	.03524	.0

..... SKIP TO NEXT SECTION

PEAK NODAL ACCELERATION VALUES (g's)

NODE	XORD	YORD	X-ACC	AT TIME	Y-ACC	AT TIME
1	-600.0	301.0	.8581	2.9100	.0000	.0000
2	-600.0	290.0	.8600	2.9100	.0000	.0000
3	-600.0	280.0	.8606	2.9100	.0000	.0000
4	-600.0	270.0	.8599	2.9100	.0000	.0000
5	-600.0	260.0	.8577	2.9100	.0000	.0000
6	-600.0	250.0	.8538	2.9100	.0000	.0000
7	-600.0	240.0	.8482	2.9100	.0000	.0000
8	-600.0	230.0	.8401	2.9100	.0000	.0000
9	-600.0	220.0	.8303	2.9100	.0000	.0000
10	-600.0	210.0	.8176	2.9100	.0000	.0000
11	-600.0	200.0	.8028	2.9100	.0000	.0000
12	-600.0	190.0	.7854	2.9100	.0000	.0000
13	-600.0	180.0	.7656	2.9100	.0000	.0000
14	-600.0	170.0	.7437	2.9100	.0000	.0000
15	-600.0	160.0	.7196	2.9100	.0000	.0000
16	-600.0	150.0	.6933	2.9100	.0000	.0000
17	-600.0	140.0	.6769	4.6500	.0000	.0000
18	-600.0	125.0	.6749	4.6500	.0000	.0000
19	-600.0	110.0	.6648	4.6500	.0000	.0000
20	-600.0	95.0	.6476	11.5500	.0000	.0000

..... SKIP TO NEXT SECTION

PEAK ELEMENTS STRESSES (ENG: PSF or SI: N/M^2) AND STRAINS

ELM	SIG-X	SIG-Y	SIG-XY	EPS-MAX	AT TIME
1	1185.5	15.7	727.1	.001	2.910
2	1155.2	32.2	2098.8	.003	2.910
3	1135.1	48.6	3402.3	.005	2.910
4	1115.5	65.4	4699.9	.007	2.910
5	1099.4	81.2	5992.3	.009	2.910
6	1085.1	96.1	7277.6	.011	2.910
7	1071.5	110.1	8554.2	.014	2.910
8	1056.7	123.4	9819.1	.016	2.910
9	1036.9	136.0	11069.9	.018	2.910
10	1018.3	147.3	12302.6	.020	2.910
11	1000.5	157.7	13514.8	.022	2.910
12	983.3	167.2	14702.6	.025	2.910
13	967.0	175.5	15863.5	.027	2.910
14	950.5	182.7	16994.6	.029	2.910
15	934.1	190.5	18093.6	.031	2.910
16	918.3	198.6	19158.3	.033	2.910
17	1362.4	207.3	20524.7	.023	2.910
18	1334.5	217.5	22159.7	.025	2.910
19	1308.1	226.6	23728.8	.027	2.910
20	1283.3	234.6	25225.3	.029	2.910

..... SKIP TO NEXT SECTION

ITERATION CYCLE NO. 4 AVE OVERALL DAMP = .035

TIME REQUIRED FOR 4000 STEPS = 731. SEC

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** END OF JOB **
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CR3001.Q4I

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CR3001: DIABLO CANYON POWER PLANT, RIDGE
UNITS (E for English, S for SI):                           *** (A1)            ***
E
     DRF       PRM    ROCKVP    ROCKVS   ROCKRHO           *** (5F10.0)        ***
       1      0.65     15570      5900       150
 NELM NDPT NSLP                                            *** (3I5)           ***
 2300 2378    0
KGMAX KGEQ N1EQ N2EQ N3EQ NUMB   KV KSAV                   *** (8I5)           ***
 9625 9625    1    1 9625    4    1    0
      DTEQ    EQMUL1    EQMUL2    UGMAX1    UGMAX2 HDRX HDRY HPLX HPLY   PRINPUT ***
(5F10.0,4I5,F10.0) ***
     0.005       1.0                                  2    0    0    0      0.23
EARTHQUAKE INPUT FILE NAME(S) & FORMAT(S) (* for FREE FORMAT)  *** (A)         ***
SIIIR46.PUN
(8f9.6)
 SOUT AOUT KOUT                                            *** (3I5)           ***
    0    1    0
 ACCELERATION OUTPUT FORMAT (M or C), FILE PREFIX, AND SUFFIX:  *** (A)
***"
MULTIPLE
RD3001
Q4A
```

N	NP1	NP2	NP3	NP4	TYPE	DENS	PO	GMX	G	XL	LSTR
*** (6I5,5F10.0,I5) ***											
1	1	2	18	17	1	140.00	0.37	69565.22	69565.22	0.02000	
2	2	3	19	18	1	140.00	0.37	69565.22	69565.22	0.02000	
3	3	4	20	19	1	140.00	0.37	69565.22	69565.22	0.02000	
4	4	5	21	20	1	140.00	0.37	69565.22	69565.22	0.02000	
5	5	6	22	21	1	140.00	0.37	69565.22	69565.22	0.02000	
6	6	7	23	22	1	140.00	0.37	69565.22	69565.22	0.02000	
7	7	8	24	23	1	140.00	0.37	69565.22	69565.22	0.02000	
8	8	9	25	24	1	140.00	0.37	69565.22	69565.22	0.02000	
9	9	10	26	25	2	145.00	0.35	103751.55	103751.55	0.02000	
10	10	11	27	26	2	145.00	0.35	103751.55	103751.55	0.02000	
11	11	12	28	27	2	145.00	0.35	103751.55	103751.55	0.02000	
12	12	13	29	28	2	145.00	0.35	103751.55	103751.55	0.02000	
13	13	14	30	29	2	145.00	0.35	103751.55	103751.55	0.02000	
14	14	15	31	30	3	150.00	0.35	162150.30	162150.30	0.02000	
15	15	16	32	31	3	150.00	0.35	162150.30	162150.30	0.02000	
16	17	18	34	33	1	140.00	0.37	69565.22	69565.22	0.02000	
17	18	19	35	34	1	140.00	0.37	69565.22	69565.22	0.02000	
18	19	20	36	35	1	140.00	0.37	69565.22	69565.22	0.02000	
19	20	21	37	36	1	140.00	0.37	69565.22	69565.22	0.02000	
20	21	22	38	37	1	140.00	0.37	69565.22	69565.22	0.02000	
21	22	23	39	38	1	140.00	0.37	69565.22	69565.22	0.02000	
22	23	24	40	39	1	140.00	0.37	69565.22	69565.22	0.02000	
23	24	25	41	40	1	140.00	0.37	69565.22	69565.22	0.02000	
24	25	26	42	41	2	145.00	0.35	103751.55	103751.55	0.02000	
25	26	27	43	42	2	145.00	0.35	103751.55	103751.55	0.02000	
26	27	28	44	43	2	145.00	0.35	103751.55	103751.55	0.02000	
27	28	29	45	44	2	145.00	0.35	103751.55	103751.55	0.02000	
28	29	30	46	45	2	145.00	0.35	103751.55	103751.55	0.02000	
29	30	31	47	46	3	150.00	0.35	162150.30	162150.30	0.02000	
30	31	32	48	47	3	150.00	0.35	162150.30	162150.30	0.02000	
31	33	34	50	49	1	140.00	0.37	69565.22	69565.22	0.02000	
32	34	35	51	50	1	140.00	0.37	69565.22	69565.22	0.02000	
33	35	36	52	51	1	140.00	0.37	69565.22	69565.22	0.02000	
34	36	37	53	52	1	140.00	0.37	69565.22	69565.22	0.02000	
35	37	38	54	53	1	140.00	0.37	69565.22	69565.22	0.02000	
36	38	39	55	54	1	140.00	0.37	69565.22	69565.22	0.02000	
37	39	40	56	55	1	140.00	0.37	69565.22	69565.22	0.02000	
38	40	41	57	56	1	140.00	0.37	69565.22	69565.22	0.02000	
39	41	42	58	57	2	145.00	0.35	103751.55	103751.55	0.02000	
40	42	43	59	58	2	145.00	0.35	103751.55	103751.55	0.02000	
41	43	44	60	59	2	145.00	0.35	103751.55	103751.55	0.02000	
42	44	45	61	60	2	145.00	0.35	103751.55	103751.55	0.02000	
43	45	46	62	61	2	145.00	0.35	103751.55	103751.55	0.02000	
44	46	47	63	62	3	150.00	0.35	162150.30	162150.30	0.02000	
45	47	48	64	63	3	150.00	0.35	162150.30	162150.30	0.02000	
46	49	50	66	65	1	140.00	0.37	69565.22	69565.22	0.02000	
47	50	51	67	66	1	140.00	0.37	69565.22	69565.22	0.02000	
48	51	52	68	67	1	140.00	0.37	69565.22	69565.22	0.02000	
49	52	53	69	68	1	140.00	0.37	69565.22	69565.22	0.02000	
50	53	54	70	69	1	140.00	0.37	69565.22	69565.22	0.02000	
51	54	55	71	70	1	140.00	0.37	69565.22	69565.22	0.02000	
52	55	56	72	71	1	140.00	0.37	69565.22	69565.22	0.02000	
53	56	57	73	72	1	140.00	0.37	69565.22	69565.22	0.02000	
54	57	58	74	73	2	145.00	0.35	103751.55	103751.55	0.02000	
55	58	59	75	74	2	145.00	0.35	103751.55	103751.55	0.02000	
56	59	60	76	75	2	145.00	0.35	103751.55	103751.55	0.02000	
57	60	61	77	76	2	145.00	0.35	103751.55	103751.55	0.02000	
58	61	62	78	77	2	145.00	0.35	103751.55	103751.55	0.02000	
59	62	63	79	78	3	150.00	0.35	162150.30	162150.30	0.02000	
60	63	64	80	79	3	150.00	0.35	162150.30	162150.30	0.02000	
61	65	66	82	81	1	140.00	0.37	69565.22	69565.22	0.02000	
62	66	67	83	82	1	140.00	0.37	69565.22	69565.22	0.02000	
63	67	68	84	83	1	140.00	0.37	69565.22	69565.22	0.02000	
64	68	69	85	84	1	140.00	0.37	69565.22	69565.22	0.02000	
65	69	70	86	85	1	140.00	0.37	69565.22	69565.22	0.02000	
66	70	71	87	86	1	140.00	0.37	69565.22	69565.22	0.02000	
67	71	72	88	87	1	140.00	0.37	69565.22	69565.22	0.02000	
68	72	73	89	88	1	140.00	0.37	69565.22	69565.22	0.02000	
69	73	74	90	89	2	145.00	0.35	103751.55	103751.55	0.02000	
70	74	75	91	90	2	145.00	0.35	103751.55	103751.55	0.02000	
71	75	76	92	91	2	145.00	0.35	103751.55	103751.55	0.02000	
72	76	77	93	92	2	145.00	0.35	103751.55	103751.55	0.02000	
73	77	78	94	93	2	145.00	0.35	103751.55	103751.55	0.02000	
74	78	79	95	94	3	150.00	0.35	162150.30	162150.30	0.02000	
75	79	80	96	95	3	150.00	0.35	162150.30	162150.30	0.02000	
76	81	82	98	97	1	140.00	0.37	69565.22	69565.22	0.02000	
77	82	83	99	98	1	140.00	0.37	69565.22	69565.22	0.02000	
78	83	84	100	99	1	140.00	0.37	69565.22	69565.22	0.02000	
79	84	85	101	100	1	140.00	0.37	69565.22	69565.22	0.02000	
80	85	86	102	101	1	140.00	0.37	69565.22	69565.22	0.02000	
81	86	87	103	102	1	140.00	0.37	69565.22	69545.22	0.02000	
82	87	88	104	103	1	140.00	0.37	69565.22	69565.22	0.02000	
83	88	89	105	104	1	140.00	0.37	69565.22	69565.22	0.02000	
84	89	90	106	105	2	145.00	0.35	103751.55	103751.55	0.02000	
85	90	91	107	106	2	145.00	0.35	103751.55	103751.55	0.02000	
86	91	92	108	107	2	145.00	0.35	103751.55	103751.55	0.02000	
87	92	93	109	108	2	145.00	0.35	103751.55	103751.55	0.02000	
88	93	94	110	109	2	145.00	0.35	103751.55	103751.55	0.02000	
89	94	95	111	110	3	150.00	0.35	162150.30	162150.30	0.02000	
90	95	96	112	111	3	150.00	0.35	162150.30	162150.30	0.02000	
91	97	98	114	113	1	140.00	0.37	69565.22	69565.22	0.02000	
92	98	99	115	114	1	140.00	0.37	69565.22	69565.22	0.02000	
93	99	100	116	115	1	140.00	0.37	69565.22	69565.22	0.02000	
94	100	101	117	116	1	140.00	0.37	69565.22	69565.22	0.02000	
95	101	102	118	117	1	140.00	0.37	69565.22	69565.22	0.02000	
96	102	103	119	118	1	140.00	0.37	69565.22	69565.22	0.02000	
97	103	104	120	119	1	140.00	0.37	69565.22	69565.22	0.02000	
98	104	105	121	120	1	140.00	0.37	69565.22	69565.22	0.02000	
99	105	106	122	121	2	145.00	0.35	103751.55	103751.55	0.02000	
100	106	107	123	122	2	145.00	0.35	103751.55	103751.55	0.02000	
101	107	108	124	123	2	145.00	0.35	103751.55	103751.55	0.02000	
102	108	109	125	124	2	145.00	0.35	103751.55	103751.55	0.02000	
103	109	110	126	125	2	145.00	0.35	103751.55	103751.55	0.02000	
104	110	111	127	126	3	150.00	0.35	162150.30	162150.30	0.02000	
105	111	112	128	127	3	150.00	0.35	162150.30	162150.30	0.02000	
106	130	129	113	113	1	140.00	0.37	69565.22	69565.22	0.02000	
107	113	114	131	130	1	140.00	0.37	69565.22	69565.22	0.02000	
108	114	115	132	131	1	140.00	0.37	69565.22	69565.22	0.02000	
109	115	116	133	132	1	140.00	0.37	69565.22	69565.22	0.02000	
110	116	117	134	133	1	140.00	0.37	69565.22	69565.22	0.02000	
111	117	118	135	134	1	140.00	0.37	69565.22	69565.22	0.02000	
112	118	119	136	135	1	140.00	0.37	69565.22	69565.22	0.02000	
113	119	120	137	136	1	140.00	0.37	69565.22	69565.22	0.02000	
114	120	121	138	137	2	145.00	0.35	103751.55	103751.55	0.02000	
115	121	122	139	138	2	145.00	0.35	103751.55	103751.55	0.02000	
116	122	123	140	139	2	145.00	0.35	103751.55	103751.55	0.02000	
117	123	124	141	140	2	145.00	0.35	103751.55	103751.55	0.02000	
118	124	125	142	141	2	145.00	0.35	103751.55	103751.55	0.02000	
119	125	126	143	142	3	150.00	0.35	162150.30	162150.30	0.02000	
120	126	127	144	143	3	150.00	0.35	162150.30	162150.30	0.02000	
121	127	128	145	144	3	150.00	0.35	162150.30	162150.30	0.02000	
122	147	146	129	129	1	140.00	0.37	69565.22	69565.22	0.02000	
123	129	130	148	147	1	140.00	0.37	69565.22	69565.22	0.02000	
124	130	131	149	148	1	140.00	0.37	69565.22	69565.22	0.02000	
125	131	132	150	149	1	140.00	0.37	69565.22	69565.22	0.02000	
126	132	133	151	150	1	140.00	0.37	69565.22	69565.22	0.02000	
127	133	134	152	151	1	140.00	0.37	69565.22	69565.22	0.02000	
128	134	135	153	152	1	140.00	0.37	69565.22	69565.22	0.02000	
129	135	136	154	153	1	140.00	0.37	69565.22	69565.22	0.02000	
130	136	137	155	154	2	145.00	0.35	103751.55	103751.55	0.02000	
131	137	138	156	155	2	145.00	0.35	103751.55	103751.55	0.02000	
132	138	139	157	156	2	145.00	0.35	103751.55	103751.55	0.02000	
133	139	140	158	157	2	145.00	0.35	103751.55	103751.55	0.02000	
134	140	141	159	158	2	145.00	0.35	103751.55	103751.55	0.02000	
135	141	142	160	159	3	150.00	0.35	162150.30	162150.30	0.02000	
136	142	143	161	160	3	150.00	0.35	162150.30	162150.30	0.02000	
137	143	144	162	161	3	150.00	0.35	162150.30	162150.30	0.02000	
138	144	145	163	162	3	150.00	0.35	162150.30	162150.30	0.02000	
139	165	164	146	146	1	140.00	0.37	69565.22	69565.22	0.02000	
140	146	147	166	165	1	140.00	0.37	69565.22	69565.22	0.02000	
141	147	148	167	166	1	140.00	0.37	69565.22	69565.22	0.02000	
142	148	149	168	167	1	140.00	0.37	69565.22	69565.22	0.02000	
143	149	150	169	168	1	140.00	0.37	69565.22	69565.22	0.02000	
144	150	151	170	169	1	140.00	0.37	69565.22	69565.22	0.02000	
145	151	152	171	170	1	140.00	0.37	69565.22	69565.22	0.02000	
146	152	153	172	171	1	140.00	0.37	69565.22	69565.22	0.02000	
147	153	154	173	172	2	145.00	0.35	103751.55	103751.55	0.02000	
148	154	155	174	173	2	145.00	0.35	103751.55	103751.55	0.02000	
149	155	156	175	174	2	145.00	0.35	103751.55	103751.55	0.02000	
150	156	157	176	175	2	145.00	0.35	103751.55	103751.55	0.02000	
151	157	158	177	176	2	145.00	0.35	103751.55	103751.55	0.02000	
152	158	159	178	177	3	150.00	0.35	162150.30	162150.30	0.02000	
153	159	160	179	178	3	150.00	0.35	162150.30	162150.30	0.02000	
154	160	161	180	179	3	150.00	0.35	162150.30	162150.30	0.02000	
155	161	162	181	180	3	150.00	0.35	162150.30	162150.30	0.02000	
156	162	163	182	181	3	150.00	0.35	162150.30	162150.30	0.02000	
157	184	183	164	164	1	140.00	0.37	69565.22	69565.22	0.02000	
158	164	165	185	184	1	140.00	0.37	69565.22	69565.22	0.02000	
159	165	166	186	185	1	140.00	0.37	69565.22	69565.22	0.02000	
160	166	167	187	186	1	140.00	0.37	69565.22	69565.22	0.02000	
161	167	168	188	187	1	140.00	0.37	69565.22	69565.22	0.02000	
162	168	169	189	188	1	140.00	0.37	69565.22	69565.22	0.02000	
163	169	170	190	189	1	140.00	0.37	69565.22	69565.22	0.02000	
164	170	171	191	190	1	140.00	0.37	69565.22	69565.22	0.02000	
165	171	172	192	191	2	145.00	0.35	103751.55	103751.55	0.02000	
166	172	173	193	192	2	145.00	0.35	103751.55	103751.55	0.02000	
167	173	174	194	193	2	145.00	0.35	103751.55	103751.55	0.02000	
168	174	175	195	194	2	145.00	0.35	103751.55	103751.55	0.02000	
169	175	176	196	195	2	145.00	0.35	103751.55	103751.55	0.02000	
170	176	177	197	196	3	150.00	0.35	162150.30	162150.30	0.02000	
171	177	178	198	197	3	150.00	0.35	162150.30	162150.30	0.02000	
172	178	179	199	198	3	150.00	0.35	162150.30	162150.30	0.02000	
173	179	180	200	199	3	150.00	0.35	162150.30	162150.30	0.02000	
174	180	181	201	200	3	150.00	0.35	162150.30	162150.30	0.02000	
175	181	182	202	201	3	150.00	0.35	162150.30	162150.30	0.02000	
176	204	203	183	183	1	140.00	0.37	69565.22	69565.22	0.02000	
177	183	184	205	204	1	140.00	0.37	69565.22	69565.22	0.02000	
178	184	185	206	205	1	140.00	0.37	69565.22	69565.22	0.02000	
179	185	186	207	206	1	140.00	0.37	69565.22	69565.22	0.02000	
180	186	187	208	207	1	140.00	0.37	69565.22	69565.22	0.02000	
181	187	188	209	208	1	140.00	0.37	69565.22	69565.22	0.02000	
182	188	189	210	209	1	140.00	0.37	69565.22	69565.22	0.02000	
183	189	190	211	210	1	140.00	0.37	69565.22	69565.22	0.02000	
184	190	191	212	211	2	145.00	0.35	103751.55	103751.55	0.02000	
185	191	192	213	212	2	145.00	0.35	103751.55	103751.55	0.02000	
186	192	193	214	213	2	145.00	0.35	103751.55	103751.55	0.02000	
187	193	194	215	214	2	145.00	0.35	103751.55	103751.55	0.02000	
188	194	195	216	215	2	145.00	0.35	103751.55	103751.55	0.02000	
189	195	196	217	216	3	150.00	0.35	162150.30	162150.30	0.02000	
190	196	197	218	217	3	150.00	0.35	162150.30	162150.30	0.02000	
191	197	198	219	218	3	150.00	0.35	162150.30	162150.30	0.02000	
192	198	199	220	219	3	150.00	0.35	162150.30	162150.30	0.02000	
193	199	200	221	220	3	150.00	0.35	162150.30	162150.30	0.02000	
194	200	201	222	221	3	150.00	0.35	162150.30	162150.30	0.02000	
195	201	202	223	222	3	150.00	0.35	162150.30	162150.30	0.02000	
196	225	224	203	203	1	140.00	0.37	69565.22	69565.22	0.02000	
197	203	204	226	225	1	140.00	0.37	69565.22	69565.22	0.02000	
198	204	205	227	226	1	140.00	0.37	69565.22	69565.22	0.02000	
199	205	206	228	227	1	140.00	0.37	69565.22	69565.22	0.02000	
200	206	207	229	228	1	140.00	0.37	69565.22	69565.22	0.02000	
201	207	208	230	229	1	140.00	0.37	69565.22	69565.22	0.02000	
202	208	209	231	230	1	140.00	0.37	69565.22	69565.22	0.02000	
203	209	210	232	231	1	140.00	0.37	69565.22	69565.22	0.02000	
204	210	211	233	232	1	140.00	0.37	69565.22	69565.22	0.02000	
205	211	212	234	233	2	145.00	0.35	103751.55	103751.55	0.02000	
206	212	213	235	234	2	145.00	0.35	103751.55	103751.55	0.02000	
207	213	214	236	235	2	145.00	0.35	103751.55	103751.55	0.02000	
208	214	215	237	236	2	145.00	0.35	103751.55	103751.55	0.02000	
209	215	216	238	237	2	145.00	0.35	103751.55	103751.55	0.02000	
210	216	217	239	238	3	150.00	0.35	162150.30	162150.30	0.02000	
211	217	218	240	239	3	150.00	0.35	162150.30	162150.30	0.02000	
212	218	219	241	240	3	150.00	0.35	162150.30	162150.30	0.02000	
213	219	220	242	241	3	150.00	0.35	162150.30	162150.30	0.02000	
214	220	221	243	242	3	150.00	0.35	162150.30	162150.30	0.02000	
215	221	222	244	243	3	150.00	0.35	162150.30	162150.30	0.02000	
216	222	223	245	244	3	150.00	0.35	162150.30	162150.30	0.02000	

217	247	246	224	224	1	140.00	0.37	69565.22	69565.22	0.02000
218	224	225	248	247	1	140.00	0.37	69565.22	69565.22	0.02000
219	225	226	249	248	1	140.00	0.37	69565.22	69565.22	0.02000
220	226	227	250	249	1	140.00	0.37	69565.22	69565.22	0.02000
221	227	228	251	250	1	140.00	0.37	69565.22	69565.22	0.02000
222	228	229	252	251	1	140.00	0.37	69565.22	69565.22	0.02000
223	229	230	253	252	1	140.00	0.37	69565.22	69565.22	0.02000
224	230	231	254	253	1	140.00	0.37	69565.22	69565.22	0.02000
225	231	232	255	254	1	140.00	0.37	69565.22	69565.22	0.02000
226	232	233	256	255	2	145.00	0.35	103751.55	103751.55	0.02000
227	233	234	257	256	2	145.00	0.35	103751.55	103751.55	0.02000
228	234	235	258	257	2	145.00	0.35	103751.55	103751.55	0.02000
229	235	236	259	258	2	145.00	0.35	103751.55	103751.55	0.02000
230	236	237	260	259	2	145.00	0.35	103751.55	103751.55	0.02000
231	237	238	261	260	3	150.00	0.35	162150.30	162150.30	0.02000
232	238	239	262	261	3	150.00	0.35	162150.30	162150.30	0.02000
233	239	240	263	262	3	150.00	0.35	162150.30	162150.30	0.02000
234	240	241	264	263	3	150.00	0.35	162150.30	162150.30	0.02000
235	241	242	265	264	3	150.00	0.35	162150.30	162150.30	0.02000
236	242	243	266	265	3	150.00	0.35	162150.30	162150.30	0.02000
237	243	244	267	266	3	150.00	0.35	162150.30	162150.30	0.02000
238	244	245	268	267	3	150.00	0.35	162150.30	162150.30	0.02000
239	270	269	246	246	1	140.00	0.37	69565.22	69565.22	0.02000
240	246	247	271	270	1	140.00	0.37	69565.22	69565.22	0.02000
241	247	248	272	271	1	140.00	0.37	69565.22	69565.22	0.02000
242	248	249	273	272	1	140.00	0.37	69565.22	69565.22	0.02000
243	249	250	274	273	1	140.00	0.37	69565.22	69565.22	0.02000
244	250	251	275	274	1	140.00	0.37	69565.22	69565.22	0.02000
245	251	252	276	275	1	140.00	0.37	69565.22	69565.22	0.02000
246	252	253	277	276	1	140.00	0.37	69565.22	69565.22	0.02000
247	253	254	278	277	1	140.00	0.37	69565.22	69565.22	0.02000
248	254	255	279	278	2	145.00	0.35	103751.55	103751.55	0.02000
249	255	256	280	279	2	145.00	0.35	103751.55	103751.55	0.02000
250	256	257	281	280	2	145.00	0.35	103751.55	103751.55	0.02000
251	257	258	282	281	2	145.00	0.35	103751.55	103751.55	0.02000
252	258	259	283	282	2	145.00	0.35	103751.55	103751.55	0.02000
253	259	260	284	283	3	150.00	0.35	162150.30	162150.30	0.02000
254	260	261	285	284	3	150.00	0.35	162150.30	162150.30	0.02000
255	261	262	286	285	3	150.00	0.35	162150.30	162150.30	0.02000
256	262	263	287	286	3	150.00	0.35	162150.30	162150.30	0.02000
257	263	264	288	287	3	150.00	0.35	162150.30	162150.30	0.02000
258	264	265	289	288	3	150.00	0.35	162150.30	162150.30	0.02000
259	265	266	290	289	3	150.00	0.35	162150.30	162150.30	0.02000
260	266	267	291	290	3	150.00	0.35	162150.30	162150.30	0.02000
261	267	268	292	291	3	150.00	0.35	162150.30	162150.30	0.02000
262	294	293	269	269	1	140.00	0.37	69565.22	69565.22	0.02000
263	269	270	295	294	1	140.00	0.37	69565.22	69565.22	0.02000
264	270	271	296	295	1	140.00	0.37	69565.22	69565.22	0.02000
265	271	272	297	296	1	140.00	0.37	69565.22	69565.22	0.02000
266	272	273	298	297	1	140.00	0.37	69565.22	69565.22	0.02000
267	273	274	299	298	1	140.00	0.37	69565.22	69565.22	0.02000
268	274	275	300	299	1	140.00	0.37	69565.22	69565.22	0.02000
269	275	276	301	300	1	140.00	0.37	69565.22	69565.22	0.02000
270	276	277	302	301	1	140.00	0.37	69565.22	69565.22	0.02000
271	277	278	303	302	2	145.00	0.35	103751.55	103751.55	0.02000
272	278	279	304	303	2	145.00	0.35	103751.55	103751.55	0.02000
273	279	280	305	304	2	145.00	0.35	103751.55	103751.55	0.02000
274	280	281	306	305	2	145.00	0.35	103751.55	103751.55	0.02000
275	281	282	307	306	2	145.00	0.35	103751.55	103751.55	0.02000
276	292	283	308	307	3	150.00	0.35	162150.30	162150.30	0.02000
277	283	284	309	308	3	150.00	0.35	162150.30	162150.30	0.02000
278	284	285	310	309	3	150.00	0.35	162150.30	162150.30	0.02000
279	285	286	311	310	3	150.00	0.35	162150.30	162150.30	0.02000
280	286	287	312	311	3	150.00	0.35	162150.30	162150.30	0.02000
281	287	288	313	312	3	150.00	0.35	162150.30	162150.30	0.02000
282	288	289	314	313	3	150.00	0.35	162150.30	162150.30	0.02000
283	289	290	315	314	3	150.00	0.35	162150.30	162150.30	0.02000
284	290	291	316	315	3	150.00	0.35	162150.30	162150.30	0.02000
285	291	292	317	316	3	150.00	0.35	162150.30	162150.30	0.02000
286	319	318	293	293	1	140.00	0.37	69565.22	69565.22	0.02000
287	293	294	320	319	1	140.00	0.37	69565.22	69565.22	0.02000
288	294	295	321	320	1	140.00	0.37	69565.22	69565.22	0.02000
289	295	296	322	321	1	140.00	0.37	69565.22	69565.22	0.02000
290	296	297	323	322	1	140.00	0.37	69565.22	69565.22	0.02000
291	297	298	324	323	1	140.00	0.37	69565.22	69565.22	0.02000
292	298	299	325	324	1	140.00	0.37	69565.22	69565.22	0.02000
293	299	300	326	325	1	140.00	0.37	69565.22	69565.22	0.02000
294	300	301	327	326	1	140.00	0.37	69565.22	69565.22	0.02000
295	301	302	328	327	2	145.00	0.35	103751.55	103751.55	0.02000
296	302	303	329	328	2	145.00	0.35	103751.55	103751.55	0.02000
297	303	304	330	329	2	145.00	0.35	103751.55	103751.55	0.02000
298	304	305	331	330	2	145.00	0.35	103751.55	103751.55	0.02000
299	305	306	332	331	2	145.00	0.35	103751.55	103751.55	0.02000
300	306	307	333	332	3	150.00	0.35	162150.30	162150.30	0.02000
301	307	308	334	333	3	150.00	0.35	162150.30	162150.30	0.02000
302	308	309	335	334	3	150.00	0.35	162150.30	162150.30	0.02000
303	309	310	336	335	3	150.00	0.35	162150.30	162150.30	0.02000
304	310	311	337	336	3	150.00	0.35	162150.30	162150.30	0.02000
305	311	312	338	337	3	150.00	0.35	162150.30	162150.30	0.02000
306	312	313	339	338	3	150.00	0.35	162150.30	162150.30	0.02000
307	313	314	340	339	3	150.00	0.35	162150.30	162150.30	0.02000
308	314	315	341	340	3	150.00	0.35	162150.30	162150.30	0.02000
309	315	316	342	341	3	150.00	0.35	162150.30	162150.30	0.02000
310	316	317	343	342	3	150.00	0.35	162150.30	162150.30	0.02000
311	343	344	318	318	1	140.00	0.37	69565.22	69565.22	0.02000
312	318	319	346	345	1	140.00	0.37	69565.22	69565.22	0.02000
313	319	320	347	346	1	140.00	0.37	69565.22	69565.22	0.02000
314	320	321	348	347	1	140.00	0.37	69565.22	69565.22	0.02000
315	321	322	349	348	1	140.00	0.37	69565.22	69565.22	0.02000
316	322	323	350	349	1	140.00	0.37	69565.22	69565.22	0.02000
317	323	324	351	350	1	140.00	0.37	69565.22	69565.22	0.02000
318	324	325	352	351	1	140.00	0.37	69565.22	69565.22	0.02000
319	325	326	353	352	1	140.00	0.37	69565.22	69565.22	0.02000
320	326	327	354	353	2	145.00	0.35	103751.55	103751.55	0.02000
321	327	328	355	354	2	145.00	0.35	103751.55	103751.55	0.02000
322	328	329	356	355	2	145.00	0.35	103751.55	103751.55	0.02000
323	329	330	357	356	2	145.00	0.35	103751.55	103751.55	0.02000
324	330	331	358	357	2	145.00	0.35	103751.55	103751.55	0.02000
325	331	332	359	358	3	150.00	0.35	162150.30	162150.30	0.02000
326	332	333	360	359	3	150.00	0.35	162150.30	162150.30	0.02000
327	333	334	361	360	3	150.00	0.35	162150.30	162150.30	0.02000
328	334	335	362	361	3	150.00	0.35	162150.30	162150.30	0.02000
329	335	336	363	362	3	150.00	0.35	162150.30	162150.30	0.02000
330	336	337	364	363	3	150.00	0.35	162150.30	162150.30	0.02000
331	337	338	365	364	3	150.00	0.35	162150.30	162150.30	0.02000
332	338	339	366	365	3	150.00	0.35	162150.30	162150.30	0.02000
333	339	340	367	366	3	150.00	0.35	162150.30	162150.30	0.02000
334	340	341	368	367	3	150.00	0.35	162150.30	162150.30	0.02000
335	341	342	369	368	3	150.00	0.35	162150.30	162150.30	0.02000
336	342	343	370	369	3	150.00	0.35	162150.30	162150.30	0.02000
337	372	371	344	344	1	140.00	0.37	69565.22	69565.22	0.02000
338	344	345	373	372	1	140.00	0.37	69565.22	69565.22	0.02000
339	345	346	374	373	1	140.00	0.37	69565.22	69565.22	0.02000
340	346	347	375	374	1	140.00	0.37	69565.22	69565.22	0.02000
341	347	348	376	375	1	140.00	0.37	69565.22	69565.22	0.02000
342	348	349	377	376	1	140.00	0.37	69565.22	69565.22	0.02000
343	349	350	378	377	1	140.00	0.37	69565.22	69565.22	0.02000
344	350	351	379	378	1	140.00	0.37	69565.22	69565.22	0.02000
345	351	352	380	379	1	140.00	0.37	69565.22	69565.22	0.02000
346	352	353	381	380	2	145.00	0.35	103751.55	103751.55	0.02000
347	353	354	382	381	2	145.00	0.35	103751.55	103751.55	0.02000
348	354	355	383	382	2	145.00	0.35	103751.55	103751.55	0.02000
349	355	356	384	383	2	145.00	0.35	103751.55	103751.55	0.02000
350	356	357	385	384	2	145.00	0.35	103751.55	103751.55	0.02000
351	357	358	386	385	3	150.00	0.35	162150.30	162150.30	0.02000
352	358	359	387	386	3	150.00	0.35	162150.30	162150.30	0.02000
353	359	360	388	387	3	150.00	0.35	162150.30	162150.30	0.02000
354	360	361	389	388	3	150.00	0.35	162150.30	162150.30	0.02000
355	361	362	390	389	3	150.00	0.35	162150.30	162150.30	0.02000
356	362	363	391	390	3	150.00	0.35	162150.30	162150.30	0.02000
357	363	364	392	391	3	150.00	0.35	162150.30	162150.30	0.02000
358	364	365	393	392	3	150.00	0.35	162150.30	162150.30	0.02000
359	365	366	394	393	3	150.00	0.35	162150.30	162150.30	0.02000
360	366	367	395	394	3	150.00	0.35	162150.30	162150.30	0.02000
361	367	368	396	395	3	150.00	0.35	162150.30	162150.30	0.02000
362	368	369	397	396	3	150.00	0.35	162150.30	162150.30	0.02000
363	369	370	398	397	3	150.00	0.35	162150.30	162150.30	0.02000
364	400	399	371	371	1	140.00	0.37	69565.22	69565.22	0.02000
365	371	372	401	400	1	140.00	0.37	69565.22	69565.22	0.02000
366	372	373	402	401	1	140.00	0.37	69565.22	69565.22	0.02000
367	373	374	403	402	1	140.00	0.37	69565.22	69565.22	0.02000
368	374	375	404	403	1	140.00	0.37	69565.22	69565.22	0.02000
369	375	376	405	404	1	140.00	0.37	69565.22	69565.22	0.02000
370	376	377	406	405	1	140.00	0.37	69565.22	69565.22	0.02000
371	377	378	407	406	1	140.00	0.37	69565.22	69565.22	0.02000
372	378	379	408	407	1	140.00	0.37	69565.22	69565.22	0.02000
373	379	380	409	408	2	145.00	0.35	103751.55	103751.55	0.02000
374	380	381	410	409	2	145.00	0.35	103751.55	103751.55	0.02000
375	381	382	411	410	2	145.00	0.35	103751.55	103751.55	0.02000
376	382	383	412	411	2	145.00	0.35	103751.55	103751.55	0.02000
377	383	384	413	412	2	145.00	0.35	103751.55	103751.55	0.02000
378	384	385	414	413	3	150.00	0.35	162150.30	162150.30	0.02000
379	385	386	415	414	3	150.00	0.35	162150.30	162150.30	0.02000
380	386	387	416	415	3	150.00	0.35	162150.30	162150.30	0.02000
381	387	388	417	416	3	150.00	0.35	162150.30	162150.30	0.02000
382	388	389	418	417	3	150.00	0.35	162150.30	162150.30	0.02000
383	389	390	419	418	3	150.00	0.35	162150.30	162150.30	0.02000
384	390	391	420	419	3	150.00	0.35	162150.30	162150.30	0.02000
385	391	392	421	420	3	150.00	0.35	162150.30	162150.30	0.02000
386	392	393	422	421	3	150.00	0.35	162150.30	162150.30	0.02000
387	393	394	423	422	3	150.00	0.35	162150.30	162150.30	0.02000
388	394	395	424	423	3	150.00	0.35	162150.30	162150.30	0.02000
389	395	396	425	424	3	150.00	0.35	162150.30	162150.30	0.02000
390	396	397	426	425	3	150.00	0.35	162150.30	162150.30	0.02000
391	397	398	427	426	3	150.00	0.35	162150.30	162150.30	0.02000
392	429	428	399	399	1	140.00	0.37	69565.22	69565.22	0.02000
393	399	400	430	429	1	140.00	0.37	69565.22	69565.22	0.02000
394	400	401	431	430	1	140.00	0.37	69565.22	69565.22	0.02000
395	401	402	432	431	1	140.00	0.37	69565.22	69565.22	0.02000
396	402	403	433	432	1	140.00	0.37	69565.22	69565.22	0.02000
397	403	404	434	433	1	140.00	0.37	69565.22	69565.22	0.02000
398	404	405	435	434	1	140.00	0.37	69565.22	69565.22	0.02000
399	405	406	436	435	1	140.00	0.37	69565.22	69565.22	0.02000
400	406	407	437	436	2	145.00	0.35	103751.55	103751.55	0.02000
401	407	408	438	437	2	145.00	0.35	103751.55	103751.55	0.02000
402	408	409	439	438	2	145.00	0.35	103751.55	103751.55	0.02000
403	409	410	440	439	2	145.00	0.35	103751.55	103751.55	0.02000
404	410	411	441	440	2	145.00	0.35	103751.55	103751.55	0.02000
405	411	412	442	441	3	150.00	0.35	162150.30	162150.30	0.02000
406	412	413	443	442	3	150.00	0.35	162150.30	162150.30	0.02000
407	413	414	444	443	3	150.00	0.35	162150.30	162150.30	0.02000
408	414	415	445	444	3	150.00	0.35	162150.30	162150.30	0.02000
409	415	416	446	445	3	150.00	0.35	162150.30	162150.30	0.02000
410	416	417	447	446	3	150.00	0.35	162150.30	162150.30	0.02000
411	417	418	448	447	3	150.00	0.35	162150.30	162150.30	0.02000
412	418	419	449	448	3	150.00	0.35	162150.30	162150.30	0.02000
413	419	420	450	449	3	150.00	0.35	162150.30	162150.30	0.02000
414	420	421	451	450	3	150.00	0.35	162150.30	162150.30	0.02000
415	421	422	452	451	3	150.00	0.35	162150.30	162150.30	0.02000
416	422	423	453	452	3	150.00	0.35	162150.30	162150.30	0.02000
417	423	424	454	453	3	150.00	0.35	162150.30	162150.30	0.02000
418	424	425	455	454	3	150.00	0.35	162150.30	162150.30	0.02000
419	425	426	456	455	3	150.00	0.35	162150.30	162150.30	0.02000
420	426	427	457	456	3	150.00	0.35	162150.30	162150.30	0.02000
421	459	458	428	428	1	140.00	0.37	69565.22	69565.22	0.02000
422	428	429	460	459	1	140.00	0.37	69565.22	69565.22	0.02000
423	429	430	461	460	1	140.00	0.37	69565.22	69565.22	0.02000
424	430	431	462	461	1	140.00	0.37	69565.22	69565.22	0.02000
425	431	432	463	462	1	140.00	0.37	69565.22	69565.22	0.02000
426	432	433	464	463	1	140.00	0.37	69565.22	69565.22	0.02000
427	433	434	465	464	1	140.00	0.37	69565.22	69565.22	0.02000
428	434	435	466	465	1	140.00	0.37	69565.22	69565.22	0.02000
429	435	436	467	466	2	145.00	0.35	103751.55	103751.55	0.02000
430	436	437	468	467	2	145.00	0.35	103751.55	103751.55	0.02000
431	437	438	469	468	2	145.00	0.35	103751.55	103751.55	0.02000
432	438	439	470	469	2	145.00	0.35	103751.55	103751.55	0.02000
433	439	440	471	470	2	145.00	0.35	103751.55	103751.55	0.02000
434	440	441	472	471	3	150.00	0.35	162150.30	162150.30	0.02000
435	441	442	473	472	3	150.00	0.35	162150.30	162150.30	0.02000
436	442	443	474	473	3	150.00	0.35	162150.30	162150.30	0.02000
437	443	444	475	474	3	150.00	0.35	162150.30	162150.30	0.02000
438	444	445	476	475	3	150.00	0.35	162150.30	162150.30	0.02000
439	445	446	477	476	3	150.00	0.35	162150.30	162150.30	0.02000
440	446	447	478	477	3	150.00	0.35	162150.30	162150.30	0.02000
441	447	448	479	478	3	150.00	0.35	162150.30	162150.30	0.02000
442	448	449	480	479	3	150.00	0.35	162150.30	162150.30	0.02000
443	449	450	481	480	3	150.00	0.35	162150.30	162150.30	0.02000
444	450	451	482	481	3	150.00	0.35	162150.30	162150.30	0.02000
445	451	452	483	482	3	150.00	0.35	162150.30	162150.30	0.02000
446	452	453	484	483	3	150.00	0.35	162150.30	162150.30	0.02000
447	453	454	485	484	3	150.00	0.35	162150.30	162150.30	0.02000
448	454	455	486	485	3	150.00	0.35	162150.30	162150.30	0.02000
449	455	456	487	486	3	150.00	0.35	162150.30	162150.30	0.02000
450	456	457	488	487	3	150.00	0.35	162150.30	162150.30	0.02000
451	490	489	458	458	1	140.00	0.37	69565.22	69565.22	0.02000
452	458	459	491	490	1	140.00	0.37	69565.22	69565.22	0.02000
453	459	460	492	491	1	140.00	0.37	69565.22	69565.22	0.02000
454	460	461	493	492	1	140.00	0.37	69565.22	69565.22	0.02000
455	461	462	494	493	1	140.00	0.37	69565.22	69565.22	0.02000
456	462	463	495	494	1	140.00	0.37	69565.22	69565.22	0.02000
457	463	464	496	495	1	140.00	0.37	69565.22	69565.22	0.02000
458	464	465	497	496	1	140.00	0.37	69565.22	69565.22	0.02000
459	465	466	498	497	2	145.00	0.35	103751.55	103751.55	0.02000
460	466	467	499	498	2	145.00	0.35	103751.55	103751.55	0.02000
461	467	468	500	499	2	145.00	0.35	103751.55	103751.55	0.02000
462	468	469	501	500	2	145.00	0.35	103751.55	103751.55	0.02000
463	469	470	502	501	2	145.00	0.35	103751.55	103751.55	0.02000
464	470	471	503	502	3	150.00	0.35	162150.30	162150.30	0.02000
465	471	472	504	503	3	150.00	0.35	162150.30	162150.30	0.02000
466	472	473	505	504	3	150.00	0.35	162150.30	162150.30	0.02000
467	473	474	506	505	3	150.00	0.35	162150.30	162150.30	0.02000
468	474	475	507	506	3	150.00	0.35	162150.30	162150.30	0.02000
469	475	476	508	507	3	150.00	0.35	162150.30	162150.30	0.02000
470	476	477	509	508	3	150.00	0.35	162150.30	162150.30	0.02000

471	477	478	510	509	3	150.00	0.35	162150.30	162150.30	0.02000
472	478	479	511	510	3	150.00	0.35	162150.30	162150.30	0.02000
473	479	480	512	511	3	150.00	0.35	162150.30	162150.30	0.02000
474	480	481	513	512	3	150.00	0.35	162150.30	162150.30	0.02000
475	481	482	514	513	3	150.00	0.35	162150.30	162150.30	0.02000
476	482	483	515	514	3	150.00	0.35	162150.30	162150.30	0.02000
477	483	484	516	515	3	150.00	0.35	162150.30	162150.30	0.02000
478	484	485	517	516	3	150.00	0.35	162150.30	162150.30	0.02000
479	485	486	518	517	3	150.00	0.35	162150.30	162150.30	0.02000
480	486	487	519	518	3	150.00	0.35	162150.30	162150.30	0.02000
481	487	488	520	519	3	150.00	0.35	162150.30	162150.30	0.02000
482	522	521	489	488	1	140.00	0.37	69565.22	69565.22	0.02000
483	489	490	523	522	1	140.00	0.37	69565.22	69565.22	0.02000
484	490	491	524	523	1	140.00	0.37	69565.22	69565.22	0.02000
485	491	492	525	524	1	140.00	0.37	69565.22	69565.22	0.02000
486	492	493	526	525	1	140.00	0.37	69565.22	69565.22	0.02000
487	493	494	527	526	1	140.00	0.37	69565.22	69565.22	0.02000
488	494	495	528	527	1	140.00	0.37	69565.22	69565.22	0.02000
489	495	496	529	528	1	140.00	0.37	69565.22	69565.22	0.02000
490	496	497	530	529	2	145.00	0.35	103751.55	103751.55	0.02000
491	497	498	531	530	2	145.00	0.35	103751.55	103751.55	0.02000
492	498	499	532	531	2	145.00	0.35	103751.55	103751.55	0.02000
493	499	500	533	532	2	145.00	0.35	103751.55	103751.55	0.02000
494	500	501	534	533	2	145.00	0.35	103751.55	103751.55	0.02000
495	501	502	535	534	3	150.00	0.35	162150.30	162150.30	0.02000
496	502	503	536	535	3	150.00	0.35	162150.30	162150.30	0.02000
497	503	504	537	536	3	150.00	0.35	162150.30	162150.30	0.02000
498	504	505	538	537	3	150.00	0.35	162150.30	162150.30	0.02000
499	505	506	539	538	3	150.00	0.35	162150.30	162150.30	0.02000
500	506	507	540	539	3	150.00	0.35	162150.30	162150.30	0.02000
501	507	508	541	540	3	150.00	0.35	162150.30	162150.30	0.02000
502	508	509	542	541	3	150.00	0.35	162150.30	162150.30	0.02000
503	509	510	543	542	3	150.00	0.35	162150.30	162150.30	0.02000
504	510	511	544	543	3	150.00	0.35	162150.30	162150.30	0.02000
505	511	512	545	544	3	150.00	0.35	162150.30	162150.30	0.02000
506	512	513	546	545	3	150.00	0.35	162150.30	162150.30	0.02000
507	513	514	547	546	3	150.00	0.35	162150.30	162150.30	0.02000
508	514	515	548	547	3	150.00	0.35	162150.30	162150.30	0.02000
509	515	516	549	548	3	150.00	0.35	162150.30	162150.30	0.02000
510	516	517	550	549	3	150.00	0.35	162150.30	162150.30	0.02000
511	517	518	551	550	3	150.00	0.35	162150.30	162150.30	0.02000
512	518	519	552	551	3	150.00	0.35	162150.30	162150.30	0.02000
513	519	520	553	552	3	150.00	0.35	162150.30	162150.30	0.02000
514	555	554	521	521	1	140.00	0.37	69565.22	69565.22	0.02000
515	521	522	556	555	1	140.00	0.37	69565.22	69565.22	0.02000
516	522	523	557	556	1	140.00	0.37	69565.22	69565.22	0.02000
517	523	524	558	557	1	140.00	0.37	69565.22	69565.22	0.02000
518	524	525	559	558	1	140.00	0.37	69565.22	69565.22	0.02000
519	525	526	560	559	1	140.00	0.37	69565.22	69565.22	0.02000
520	526	527	561	560	1	140.00	0.37	69565.22	69565.22	0.02000
521	527	528	562	561	1	140.00	0.37	69565.22	69565.22	0.02000
522	528	529	563	562	2	145.00	0.35	103751.55	103751.55	0.02000
523	529	530	564	563	2	145.00	0.35	103751.55	103751.55	0.02000
524	530	531	565	564	2	145.00	0.35	103751.55	103751.55	0.02000
525	531	532	566	565	2	145.00	0.35	103751.55	103751.55	0.02000
526	532	533	567	566	2	145.00	0.35	103751.55	103751.55	0.02000
527	533	534	568	567	3	150.00	0.35	162150.30	162150.30	0.02000
528	534	535	569	568	3	150.00	0.35	162150.30	162150.30	0.02000
529	535	536	570	569	3	150.00	0.35	162150.30	162150.30	0.02000
530	536	537	571	570	3	150.00	0.35	162150.30	162150.30	0.02000
531	537	538	572	571	3	150.00	0.35	162150.30	162150.30	0.02000
532	538	539	573	572	3	150.00	0.35	162150.30	162150.30	0.02000
533	539	540	574	573	3	150.00	0.35	162150.30	162150.30	0.02000
534	540	541	575	574	3	150.00	0.35	162150.30	162150.30	0.02000
535	541	542	576	575	3	150.00	0.35	162150.30	162150.30	0.02000
536	542	543	577	576	3	150.00	0.35	162150.30	162150.30	0.02000
537	543	544	578	577	3	150.00	0.35	162150.30	162150.30	0.02000
538	544	545	579	578	3	150.00	0.35	162150.30	162150.30	0.02000
539	545	546	580	579	3	150.00	0.35	162150.30	162150.30	0.02000
540	546	547	581	580	3	150.00	0.35	162150.30	162150.30	0.02000
541	547	548	582	581	3	150.00	0.35	162150.30	162150.30	0.02000
542	548	549	583	582	3	150.00	0.35	162150.30	162150.30	0.02000
543	549	550	584	583	3	150.00	0.35	162150.30	162150.30	0.02000
544	550	551	585	584	3	150.00	0.35	162150.30	162150.30	0.02000
545	551	552	586	585	3	150.00	0.35	162150.30	162150.30	0.02000
546	552	553	587	586	3	150.00	0.35	162150.30	162150.30	0.02000
547	589	588	554	554	1	140.00	0.37	69565.22	69565.22	0.02000
548	554	555	590	589	1	140.00	0.37	69565.22	69565.22	0.02000
549	555	556	591	590	1	140.00	0.37	69565.22	69565.22	0.02000
550	556	557	592	591	1	140.00	0.37	69565.22	69565.22	0.02000
551	557	558	593	592	1	140.00	0.37	69565.22	69565.22	0.02000
552	558	559	594	593	1	140.00	0.37	69565.22	69565.22	0.02000
553	559	560	595	594	1	140.00	0.37	69565.22	69565.22	0.02000
554	560	561	596	595	1	140.00	0.37	69565.22	69565.22	0.02000
555	561	562	597	596	2	145.00	0.35	103751.55	103751.55	0.02000
556	562	563	598	597	2	145.00	0.35	103751.55	103751.55	0.02000
557	563	564	599	598	2	145.00	0.35	103751.55	103751.55	0.02000
558	564	565	600	599	2	145.00	0.35	103751.55	103751.55	0.02000
559	565	566	601	600	2	145.00	0.35	103751.55	103751.55	0.02000
560	566	567	602	601	3	150.00	0.35	162150.30	162150.30	0.02000
561	567	568	603	602	3	150.00	0.35	162150.30	162150.30	0.02000
562	568	569	604	603	3	150.00	0.35	162150.30	162150.30	0.02000
563	569	570	605	604	3	150.00	0.35	162150.30	162150.30	0.02000
564	570	571	606	605	3	150.00	0.35	162150.30	162150.30	0.02000
565	571	572	607	606	3	150.00	0.35	162150.30	162150.30	0.02000
566	572	573	608	607	3	150.00	0.35	162150.30	162150.30	0.02000
567	573	574	609	608	3	150.00	0.35	162150.30	162150.30	0.02000
568	574	575	610	609	3	150.00	0.35	162150.30	162150.30	0.02000
569	575	576	611	610	3	150.00	0.35	162150.30	162150.30	0.02000
570	576	577	612	611	3	150.00	0.35	162150.30	162150.30	0.02000
571	577	578	613	612	3	150.00	0.35	162150.30	162150.30	0.02000
572	578	579	614	613	3	150.00	0.35	162150.30	162150.30	0.02000
573	579	580	615	614	3	150.00	0.35	162150.30	162150.30	0.02000
574	580	581	616	615	3	150.00	0.35	162150.30	162150.30	0.02000
575	581	582	617	616	3	150.00	0.35	162150.30	162150.30	0.02000
576	582	583	618	617	3	150.00	0.35	162150.30	162150.30	0.02000
577	583	584	619	618	3	150.00	0.35	162150.30	162150.30	0.02000
578	584	585	620	619	3	150.00	0.35	162150.30	162150.30	0.02000
579	585	586	621	620	3	150.00	0.35	162150.30	162150.30	0.02000
580	586	587	622	621	3	150.00	0.35	162150.30	162150.30	0.02000
581	624	623	588	588	1	140.00	0.37	69565.22	69565.22	0.02000
582	588	589	625	624	1	140.00	0.37	69565.22	69565.22	0.02000
583	589	590	626	625	1	140.00	0.37	69565.22	69565.22	0.02000
584	590	591	627	626	1	140.00	0.37	69565.22	69565.22	0.02000
585	591	592	628	627	1	140.00	0.37	69565.22	69565.22	0.02000
586	592	593	629	628	1	140.00	0.37	69565.22	69565.22	0.02000
587	593	594	630	629	1	140.00	0.37	69565.22	69565.22	0.02000
588	594	595	631	630	1	140.00	0.37	69565.22	69565.22	0.02000
589	595	596	632	631	1	140.00	0.37	69565.22	69565.22	0.02000
590	596	597	633	632	2	145.00	0.35	103751.55	103751.55	0.02000
591	597	598	634	633	2	145.00	0.35	103751.55	103751.55	0.02000
592	598	599	635	634	2	145.00	0.35	103751.55	103751.55	0.02000
593	599	600	636	635	2	145.00	0.35	103751.55	103751.55	0.02000
594	600	601	637	636	2	145.00	0.35	103751.55	103751.55	0.02000
595	601	602	638	637	3	150.00	0.35	162150.30	162150.30	0.02000
596	602	603	639	638	3	150.00	0.35	162150.30	162150.30	0.02000
597	603	604	640	639	3	150.00	0.35	162150.30	162150.30	0.02000
598	604	605	641	640	3	150.00	0.35	162150.30	162150.30	0.02000
599	605	606	642	641	3	150.00	0.35	162150.30	162150.30	0.02000
600	606	607	643	642	3	150.00	0.35	162150.30	162150.30	0.02000
601	607	608	644	643	3	150.00	0.35	162150.30	162150.30	0.02000
602	608	609	645	644	3	150.00	0.35	162150.30	162150.30	0.02000
603	609	610	646	645	3	150.00	0.35	162150.30	162150.30	0.02000
604	610	611	647	646	3	150.00	0.35	162150.30	162150.30	0.02000
605	611	612	648	647	3	150.00	0.35	162150.30	162150.30	0.02000
606	612	613	649	648	3	150.00	0.35	162150.30	162150.30	0.02000
607	613	614	650	649	3	150.00	0.35	162150.30	162150.30	0.02000
608	614	615	651	650	3	150.00	0.35	162150.30	162150.30	0.02000
609	615	616	652	651	3	150.00	0.35	162150.30	162150.30	0.02000
610	616	617	653	652	3	150.00	0.35	162150.30	162150.30	0.02000
611	617	618	654	653	3	150.00	0.35	162150.30	162150.30	0.02000
612	618	619	655	654	3	150.00	0.35	162150.30	162150.30	0.02000
613	619	620	656	655	3	150.00	0.35	162150.30	162150.30	0.02000
614	620	621	657	656	3	150.00	0.35	162150.30	162150.30	0.02000
615	621	622	658	657	3	150.00	0.35	162150.30	162150.30	0.02000
616	660	659	623	623	1	140.00	0.37	69565.22	69565.22	0.02000
617	623	624	661	660	1	140.00	0.37	69565.22	69565.22	0.02000
618	624	625	662	661	1	140.00	0.37	69565.22	69565.22	0.02000
619	625	626	663	662	1	140.00	0.37	69565.22	69565.22	0.02000
620	626	627	664	663	1	140.00	0.37	69565.22	69565.22	0.02000
621	627	628	665	664	1	140.00	0.37	69565.22	69565.22	0.02000
622	628	629	666	665	1	140.00	0.37	69565.22	69565.22	0.02000
623	629	630	667	666	1	140.00	0.37	69565.22	69565.22	0.02000
624	630	631	668	667	1	140.00	0.37	69565.22	69565.22	0.02000
625	631	632	669	668	2	145.00	0.35	103751.55	103751.55	0.02000
626	632	633	670	669	2	145.00	0.35	103751.55	103751.55	0.02000
627	633	634	671	670	2	145.00	0.35	103751.55	103751.55	0.02000
628	634	635	672	671	2	145.00	0.35	103751.55	103751.55	0.02000
629	635	636	673	672	2	145.00	0.35	103751.55	103751.55	0.02000
630	636	637	674	673	3	150.00	0.35	162150.30	162150.30	0.02000
631	637	638	675	674	3	150.00	0.35	162150.30	162150.30	0.02000
632	638	639	676	675	3	150.00	0.35	162150.30	162150.30	0.02000
633	639	640	677	676	3	150.00	0.35	162150.30	162150.30	0.02000
634	640	641	678	677	3	150.00	0.35	162150.30	162150.30	0.02000
635	641	642	679	678	3	150.00	0.35	162150.30	162150.30	0.02000
636	642	643	680	679	3	150.00	0.35	162150.30	162150.30	0.02000
637	643	644	681	680	3	150.00	0.35	162150.30	162150.30	0.02000
638	644	645	682	681	3	150.00	0.35	162150.30	162150.30	0.02000
639	645	646	683	682	3	150.00	0.35	162150.30	162150.30	0.02000
640	646	647	684	683	3	150.00	0.35	162150.30	162150.30	0.02000
641	647	648	685	684	3	150.00	0.35	162150.30	162150.30	0.02000
642	648	649	686	685	3	150.00	0.35	162150.30	162150.30	0.02000
643	649	650	687	686	3	150.00	0.35	162150.30	162150.30	0.02000
644	650	651	688	687	3	150.00	0.35	162150.30	162150.30	0.02000
645	651	652	689	688	3	150.00	0.35	162150.30	162150.30	0.02000
646	652	653	690	689	3	150.00	0.35	162150.30	162150.30	0.02000
647	653	654	691	690	3	150.00	0.35	162150.30	162150.30	0.02000
648	654	655	692	691	3	150.00	0.35	162150.30	162150.30	0.02000
649	655	656	693	692	3	150.00	0.35	162150.30	162150.30	0.02000
650	656	657	694	693	3	150.00	0.35	162150.30	162150.30	0.02000
651	657	658	695	694	3	150.00	0.35	162150.30	162150.30	0.02000
652	697	696	659	659	1	140.00	0.37	69565.22	69565.22	0.02000
653	659	660	698	697	1	140.00	0.37	69565.22	69565.22	0.02000
654	660	661	699	698	1	140.00	0.37	69565.22	69565.22	0.02000
655	661	662	700	699	1	140.00	0.37	69565.22	69565.22	0.02000
656	662	663	701	700	1	140.00	0.37	69565.22	69565.22	0.02000
657	663	664	702	701	1	140.00	0.37	69565.22	69565.22	0.02000
658	664	665	703	702	1	140.00	0.37	69565.22	69565.22	0.02000
659	665	666	704	703	1	140.00	0.37	69565.22	69565.22	0.02000
660	666	667	705	704	1	140.00	0.37	69565.22	69565.22	0.02000
661	667	668	706	705	2	145.00	0.35	103751.55	103751.55	0.02000
662	668	669	707	706	2	145.00	0.35	103751.55	103751.55	0.02000
663	669	670	708	707	2	145.00	0.35	103751.55	103751.55	0.02000
664	670	671	709	708	2	145.00	0.35	103751.55	103751.55	0.02000
665	671	672	710	709	2	145.00	0.35	103751.55	103751.55	0.02000
666	672	673	711	710	3	150.00	0.35	162150.30	162150.30	0.02000
667	673	674	712	711	3	150.00	0.35	162150.30	162150.30	0.02000
668	674	675	713	712	3	150.00	0.35	162150.30	162150.30	0.02000
669	675	676	714	713	3	150.00	0.35	162150.30	162150.30	0.02000
670	676	677	715	714	3	150.00	0.35	162150.30	162150.30	0.02000
671	677	678	716	715	3	150.00	0.35	162150.30	162150.30	0.02000
672	678	679	717	716	3	150.00	0.35	162150.30	162150.30	0.02000
673	679	680	718	717	3	150.00	0.35	162150.30	162150.30	0.02000
674	680	681	719	718	3	150.00	0.35	162150.30	162150.30	0.02000
675	681	682	720	719	3	150.00	0.35	162150.30	162150.30	0.02000
676	682	683	721	720	3	150.00	0.35	162150.30	162150.30	0.02000
677	683	684	722	721	3	150.00	0.35	162150.30	162150.30	0.02000
678	684	685	723	722	3	150.00	0.35	162150.30	162150.30	0.02000
679	685	686	724	723	3	150.00	0.35	162150.30	162150.30	0.02000
680	686	687	725	724	3	150.00	0.35	162150.30	162150.30	0.02000
681	687	688	726	725	3	150.00	0.35	162150.30	162150.30	0.02000
682	688	689	727	726	3	150.00	0.35	162150.30	162150.30	0.02000
683	689	690	728	727	3	150.00	0.35	162150.30	162150.30	0.02000
684	690	691	729	728	3	150.00	0.35	162150.30	162150.30	0.02000
685	691	692	730	729	3	150.00	0.35	162150.30	162150.30	0.02000
686	692	693	731	730	3	150.00	0.35	162150.30	162150.30	0.02000
687	693	694	732	731	3	150.00	0.35	162150.30	162150.30	0.02000
688	694	695	733	732	3	150.00	0.35	162150.30	162150.30	0.02000
689	735	734	696	696	1	140.00	0.37	69565.22	69565.22	0.02000
690	696	697	736	735	1	140.00	0.37	69565.22	69565.22	0.02000
691	697	698	737	736	1	140.00	0.37	69565.22	69565.22	0.02000
692	698	699	738	737	1	140.00	0.37	69565.22	69565.22	0.02000
693	699	700	739	738	1	140.00	0.37	69565.22	69565.22	0.02000
694	700	701	740	739	1	140.00	0.37	69565.22	69565.22	0.02000
695	701	702	741	740	1	140.00	0.37	69565.22	69565.22	0.02000
696	702	703	742	741	1	140.00	0.37	69565.22	69565.22	0.02000
697	703	704	743	742	1	140.00	0.37	69565.22	69565.22	0.02000
698	704	705	744	743	2	145.00	0.35	103751.55	103751.55	0.02000
699	705	706	745	744	2	145.00	0.35	103751.55	103751.55	0.02000
700	706	707	746	745	2	145.00	0.35	103751.55	103751.55	0.02000
701	707	708	747	746	2	145.00	0.35	103751.55	103751.55	0.02000
702	708	709	748	747	2	145.00	0.35	103751.55	103751.55	0.02000
703	709	710	749	748	3	150.00	0.35	162150.30	162150.30	0.02000
704	710	711	750	749	3	150.00	0.35	162150.30	162150.30	0.02000
705	711	712	751	750	3	150.00	0.35	162150.30	162150.30	0.02000
706	712	713	752	751	3	150.00	0.35	162150.30	162150.30	0.02000
707	713	714	753	752	3	150.00	0.35	162150.30	162150.30	0.02000
708	714	715	754	753	3	150.00	0.35	162150.30	162150.30	0.02000
709	715	716	755	754	3	150.00	0.35	162150.30	162150.30	0.02000
710	716	717	756	755	3	150.00	0.35	162150.30	162150.30	0.02000
711	717	718	757	756	3	150.00	0.35	162150.30	162150.30	0.02000
712	718	719	758	757	3	150.00	0.35	162150.30	162150.30	0.02000
713	719	720	759	758	3	150.00	0.35	162150.30	162150.30	0.02000
714	720	721	760	759	3	150.00	0.35	162150.30	162150.30	0.02000
715	721	722	761	760	3	150.00	0.35	162150.30	162150.30	0.02000
716	722	723	762	761	3	150.00	0.35	162150.30	162150.30	0.02000
717	723	724	763	762	3	150.00	0.35	162150.30	162150.30	0.02000
718	724	725	764	763	3	150.00	0.35	162150.30	162150.30	0.02000
719	725	726	765	764	3	150.00	0.35	162150.30	162150.30	0.02000
720	726	727	766	765	3	150.00	0.35	162150.30	162150.30	0.02000
721	727	728	767	766	3	150.00	0.35	162150.30	162150.30	0.02000
722	728	729	768	767	3	150.00	0.35	162150.30	162150.30	0.02000
723	729	730	769	768	3	150.00	0.35	162150.30	162150.30	0.02000
724	730	731	770	769	3	150.00	0.35	162150.30	162150.30	0.02000

725	731	732	771	770	3	150.00	0.35	162150.30	162150.30	0.02000
726	732	733	772	771	3	150.00	0.35	162150.30	162150.30	0.02000
727	774	773	734	734	1	140.00	0.37	69565.22	69565.22	0.02000
728	734	735	775	774	1	140.00	0.37	69565.22	69565.22	0.02000
729	735	736	776	775	1	140.00	0.37	69565.22	69565.22	0.02000
730	736	737	777	776	1	140.00	0.37	69565.22	69565.22	0.02000
731	737	738	778	777	1	140.00	0.37	69565.22	69565.22	0.02000
732	738	739	779	778	1	140.00	0.37	69565.22	69565.22	0.02000
733	739	740	780	779	1	140.00	0.37	69565.22	69565.22	0.02000
734	740	741	781	780	1	140.00	0.37	69565.22	69565.22	0.02000
735	741	742	782	781	1	140.00	0.37	69565.22	69565.22	0.02000
736	742	743	783	782	2	145.00	0.35	103751.55	103751.55	0.02000
737	743	744	784	783	2	145.00	0.35	103751.55	103751.55	0.02000
738	744	745	785	784	2	145.00	0.35	103751.55	103751.55	0.02000
739	745	746	786	785	2	145.00	0.35	103751.55	103751.55	0.02000
740	746	747	787	786	2	145.00	0.35	103751.55	103751.55	0.02000
741	747	748	788	787	3	150.00	0.35	162150.30	162150.30	0.02000
742	748	749	789	788	3	150.00	0.35	162150.30	162150.30	0.02000
743	749	750	790	789	3	150.00	0.35	162150.30	162150.30	0.02000
744	750	751	791	790	3	150.00	0.35	162150.30	162150.30	0.02000
745	751	752	792	791	3	150.00	0.35	162150.30	162150.30	0.02000
746	752	753	793	792	3	150.00	0.35	162150.30	162150.30	0.02000
747	753	754	794	793	3	150.00	0.35	162150.30	162150.30	0.02000
748	754	755	795	794	3	150.00	0.35	162150.30	162150.30	0.02000
749	755	756	796	795	3	150.00	0.35	162150.30	162150.30	0.02000
750	756	757	797	796	3	150.00	0.35	162150.30	162150.30	0.02000
751	757	758	798	797	3	150.00	0.35	162150.30	162150.30	0.02000
752	758	759	799	798	3	150.00	0.35	162150.30	162150.30	0.02000
753	759	760	800	799	3	150.00	0.35	162150.30	162150.30	0.02000
754	760	761	801	800	3	150.00	0.35	162150.30	162150.30	0.02000
755	761	762	802	801	3	150.00	0.35	162150.30	162150.30	0.02000
756	762	763	803	802	3	150.00	0.35	162150.30	162150.30	0.02000
757	763	764	804	803	3	150.00	0.35	162150.30	162150.30	0.02000
758	764	765	805	804	3	150.00	0.35	162150.30	162150.30	0.02000
759	765	766	806	805	3	150.00	0.35	162150.30	162150.30	0.02000
760	766	767	807	806	3	150.00	0.35	162150.30	162150.30	0.02000
761	767	768	808	807	3	150.00	0.35	162150.30	162150.30	0.02000
762	768	769	809	808	3	150.00	0.35	162150.30	162150.30	0.02000
763	769	770	810	809	3	150.00	0.35	162150.30	162150.30	0.02000
764	770	771	811	810	3	150.00	0.35	162150.30	162150.30	0.02000
765	771	772	812	811	3	150.00	0.35	162150.30	162150.30	0.02000
766	814	813	773	773	1	140.00	0.37	69565.22	69565.22	0.02000
767	773	774	815	814	1	140.00	0.37	69565.22	69565.22	0.02000
768	774	775	816	815	1	140.00	0.37	69565.22	69565.22	0.02000
769	775	776	817	816	1	140.00	0.37	69565.22	69565.22	0.02000
770	776	777	818	817	1	140.00	0.37	69565.22	69565.22	0.02000
771	777	778	819	818	1	140.00	0.37	69565.22	69565.22	0.02000
772	778	779	820	819	1	140.00	0.37	69565.22	69565.22	0.02000
773	779	780	821	820	1	140.00	0.37	69565.22	69565.22	0.02000
774	780	781	822	821	1	140.00	0.37	69565.22	69565.22	0.02000
775	781	782	823	822	2	145.00	0.35	103751.55	103751.55	0.02000
776	782	783	824	823	2	145.00	0.35	103751.55	103751.55	0.02000
777	783	784	825	824	2	145.00	0.35	103751.55	103751.55	0.02000
778	784	785	826	825	2	145.00	0.35	103751.55	103751.55	0.02000
779	785	786	827	826	2	145.00	0.35	103751.55	103751.55	0.02000
780	786	787	828	827	3	150.00	0.35	162150.30	162150.30	0.02000
781	787	788	829	828	3	150.00	0.35	162150.30	162150.30	0.02000
782	788	789	830	829	3	150.00	0.35	162150.30	162150.30	0.02000
783	789	790	831	830	3	150.00	0.35	162150.30	162150.30	0.02000
784	790	791	832	831	3	150.00	0.35	162150.30	162150.30	0.02000
785	791	792	833	832	3	150.00	0.35	162150.30	162150.30	0.02000
786	792	793	834	833	3	150.00	0.35	162150.30	162150.30	0.02000
787	793	794	835	834	3	150.00	0.35	162150.30	162150.30	0.02000
788	794	795	836	835	3	150.00	0.35	162150.30	162150.30	0.02000
789	795	796	837	836	3	150.00	0.35	162150.30	162150.30	0.02000
790	796	797	838	837	3	150.00	0.35	162150.30	162150.30	0.02000
791	797	798	839	838	3	150.00	0.35	162150.30	162150.30	0.02000
792	798	799	840	839	3	150.00	0.35	162150.30	162150.30	0.02000
793	799	800	841	840	3	150.00	0.35	162150.30	162150.30	0.02000
794	800	801	842	841	3	150.00	0.35	162150.30	162150.30	0.02000
795	801	802	843	842	3	150.00	0.35	162150.30	162150.30	0.02000
796	802	803	844	843	3	150.00	0.35	162150.30	162150.30	0.02000
797	803	804	845	844	3	150.00	0.35	162150.30	162150.30	0.02000
798	804	805	846	845	3	150.00	0.35	162150.30	162150.30	0.02000
799	805	806	847	846	3	150.00	0.35	162150.30	162150.30	0.02000
800	806	807	848	847	3	150.00	0.35	162150.30	162150.30	0.02000
801	807	808	849	848	3	150.00	0.35	162150.30	162150.30	0.02000
802	808	809	850	849	3	150.00	0.35	162150.30	162150.30	0.02000
803	809	810	851	850	3	150.00	0.35	162150.30	162150.30	0.02000
804	810	811	852	851	3	150.00	0.35	162150.30	162150.30	0.02000
805	811	812	853	852	3	150.00	0.35	162150.30	162150.30	0.02000
806	855	854	813	813	1	140.00	0.37	69565.22	69565.22	0.02000
807	813	814	856	855	1	140.00	0.37	69565.22	69565.22	0.02000
808	814	815	857	856	1	140.00	0.37	69565.22	69565.22	0.02000
809	815	816	858	857	1	140.00	0.37	69565.22	69565.22	0.02000
810	816	817	859	858	1	140.00	0.37	69565.22	69565.22	0.02000
811	817	818	860	859	1	140.00	0.37	69565.22	69565.22	0.02000
812	818	819	861	860	1	140.00	0.37	69565.22	69565.22	0.02000
813	819	820	862	861	1	140.00	0.37	69565.22	69565.22	0.02000
814	820	821	863	862	2	145.00	0.35	103751.55	103751.55	0.02000
815	821	822	864	863	2	145.00	0.35	103751.55	103751.55	0.02000
816	822	823	865	864	2	145.00	0.35	103751.55	103751.55	0.02000
817	823	824	866	865	2	145.00	0.35	103751.55	103751.55	0.02000
818	824	825	867	866	2	145.00	0.35	103751.55	103751.55	0.02000
819	825	826	868	867	3	150.00	0.35	162150.30	162150.30	0.02000
820	826	827	869	868	3	150.00	0.35	162150.30	162150.30	0.02000
821	827	828	870	869	3	150.00	0.35	162150.30	162150.30	0.02000
822	828	829	871	870	3	150.00	0.35	162150.30	162150.30	0.02000
823	829	830	872	871	3	150.00	0.35	162150.30	162150.30	0.02000
824	830	831	873	872	3	150.00	0.35	162150.30	162150.30	0.02000
825	831	832	874	873	3	150.00	0.35	162150.30	162150.30	0.02000
826	832	833	875	874	3	150.00	0.35	162150.30	162150.30	0.02000
827	833	834	876	875	3	150.00	0.35	162150.30	162150.30	0.02000
828	834	835	877	876	3	150.00	0.35	162150.30	162150.30	0.02000
829	835	836	878	877	3	150.00	0.35	162150.30	162150.30	0.02000
830	836	837	879	878	3	150.00	0.35	162150.30	162150.30	0.02000
831	837	838	880	879	3	150.00	0.35	162150.30	162150.30	0.02000
832	838	839	881	880	3	150.00	0.35	162150.30	162150.30	0.02000
833	839	840	882	881	3	150.00	0.35	162150.30	162150.30	0.02000
834	840	841	883	882	3	150.00	0.35	162150.30	162150.30	0.02000
835	841	842	884	883	3	150.00	0.35	162150.30	162150.30	0.02000
836	842	843	885	884	3	150.00	0.35	162150.30	162150.30	0.02000
837	843	844	886	885	3	150.00	0.35	162150.30	162150.30	0.02000
838	844	845	887	886	3	150.00	0.35	162150.30	162150.30	0.02000
839	845	846	888	887	3	150.00	0.35	162150.30	162150.30	0.02000
840	846	847	889	888	3	150.00	0.35	162150.30	162150.30	0.02000
841	847	848	890	889	3	150.00	0.35	162150.30	162150.30	0.02000
842	848	849	891	890	3	150.00	0.35	162150.30	162150.30	0.02000
843	849	850	892	891	3	150.00	0.35	162150.30	162150.30	0.02000
844	850	851	893	892	3	150.00	0.35	162150.30	162150.30	0.02000
845	851	852	894	893	3	150.00	0.35	162150.30	162150.30	0.02000
846	852	853	895	894	3	150.00	0.35	162150.30	162150.30	0.02000
847	897	896	854	854	1	140.00	0.37	69565.22	69565.22	0.02000
848	854	855	898	897	1	140.00	0.37	69565.22	69565.22	0.02000
849	855	856	899	898	1	140.00	0.37	69565.22	69565.22	0.02000
850	856	857	900	899	1	140.00	0.37	69565.22	69565.22	0.02000
851	857	858	901	900	1	140.00	0.37	69565.22	69565.22	0.02000
852	858	859	902	901	1	140.00	0.37	69565.22	69565.22	0.02000
853	859	860	903	902	1	140.00	0.37	69565.22	69565.22	0.02000
854	860	861	904	903	1	140.00	0.37	69565.22	69565.22	0.02000
855	861	862	905	904	2	145.00	0.35	103751.55	103751.55	0.02000
856	862	863	906	905	2	145.00	0.35	103751.55	103751.55	0.02000
857	863	864	907	906	2	145.00	0.35	103751.55	103751.55	0.02000
858	864	865	908	907	2	145.00	0.35	103751.55	103751.55	0.02000
859	865	866	909	908	2	145.00	0.35	103751.55	103751.55	0.02000
860	866	867	910	909	3	150.00	0.35	162150.30	162150.30	0.02000
861	867	868	911	910	3	150.00	0.35	162150.30	162150.30	0.02000
862	868	869	912	911	3	150.00	0.35	162150.30	162150.30	0.02000
863	869	870	913	912	3	150.00	0.35	162150.30	162150.30	0.02000
864	870	871	914	913	3	150.00	0.35	162150.30	162150.30	0.02000
865	871	872	915	914	3	150.00	0.35	162150.30	162150.30	0.02000
866	872	873	916	915	3	150.00	0.35	162150.30	162150.30	0.02000
867	873	874	917	916	3	150.00	0.35	162150.30	162150.30	0.02000
868	874	875	918	917	3	150.00	0.35	162150.30	162150.30	0.02000
869	875	876	919	918	3	150.00	0.35	162150.30	162150.30	0.02000
870	876	877	920	919	3	150.00	0.35	162150.30	162150.30	0.02000
871	877	878	921	920	3	150.00	0.35	162150.30	162150.30	0.02000
872	878	879	922	921	3	150.00	0.35	162150.30	162150.30	0.02000
873	879	880	923	922	3	150.00	0.35	162150.30	162150.30	0.02000
874	880	881	924	923	3	150.00	0.35	162150.30	162150.30	0.02000
875	881	882	925	924	3	150.00	0.35	162150.30	162150.30	0.02000
876	882	883	926	925	3	150.00	0.35	162150.30	162150.30	0.02000
877	883	884	927	926	3	150.00	0.35	162150.30	162150.30	0.02000
878	884	885	928	927	3	150.00	0.35	162150.30	162150.30	0.02000
879	885	886	929	928	3	150.00	0.35	162150.30	162150.30	0.02000
880	886	887	930	929	3	150.00	0.35	162150.30	162150.30	0.02000
881	887	888	931	930	3	150.00	0.35	162150.30	162150.30	0.02000
882	888	889	932	931	3	150.00	0.35	162150.30	162150.30	0.02000
883	889	890	933	932	3	150.00	0.35	162150.30	162150.30	0.02000
884	890	891	934	933	3	150.00	0.35	162150.30	162150.30	0.02000
885	891	892	935	934	3	150.00	0.35	162150.30	162150.30	0.02000
886	892	893	936	935	3	150.00	0.35	162150.30	162150.30	0.02000
887	893	894	937	936	3	150.00	0.35	162150.30	162150.30	0.02000
888	894	895	938	937	3	150.00	0.35	162150.30	162150.30	0.02000
889	940	939	896	896	1	140.00	0.37	69565.22	69565.22	0.02000
890	896	897	941	940	1	140.00	0.37	69565.22	69565.22	0.02000
891	897	898	942	941	1	140.00	0.37	69565.22	69565.22	0.02000
892	898	899	943	942	1	140.00	0.37	69565.22	69565.22	0.02000
893	899	900	944	943	1	140.00	0.37	69565.22	69565.22	0.02000
894	900	901	945	944	1	140.00	0.37	69565.22	69565.22	0.02000
895	901	902	946	945	1	140.00	0.37	69565.22	69565.22	0.02000
896	902	903	947	946	1	140.00	0.37	69565.22	69565.22	0.02000
897	903	904	948	947	1	140.00	0.37	69565.22	69565.22	0.02000
898	904	905	949	948	2	145.00	0.35	103751.55	103751.55	0.02000
899	905	906	950	949	2	145.00	0.35	103751.55	103751.55	0.02000
900	906	907	951	950	2	145.00	0.35	103751.55	103751.55	0.02000
901	907	908	952	951	2	145.00	0.35	103751.55	103751.55	0.02000
902	908	909	953	952	2	145.00	0.35	103751.55	103751.55	0.02000
903	909	910	954	953	3	150.00	0.35	162150.30	162150.30	0.02000
904	910	911	955	954	3	150.00	0.35	162150.30	162150.30	0.02000
905	911	912	956	955	3	150.00	0.35	162150.30	162150.30	0.02000
906	912	913	957	956	3	150.00	0.35	162150.30	162150.30	0.02000
907	913	914	958	957	3	150.00	0.35	162150.30	162150.30	0.02000
908	914	915	959	958	3	150.00	0.35	162150.30	162150.30	0.02000
909	915	916	960	959	3	150.00	0.35	162150.30	162150.30	0.02000
910	916	917	961	960	3	150.00	0.35	162150.30	162150.30	0.02000
911	917	918	962	961	3	150.00	0.35	162150.30	162150.30	0.02000
912	918	919	963	962	3	150.00	0.35	162150.30	162150.30	0.02000
913	919	920	964	963	3	150.00	0.35	162150.30	162150.30	0.02000
914	920	921	965	964	3	150.00	0.35	162150.30	162150.30	0.02000
915	921	922	966	965	3	150.00	0.35	162150.30	162150.30	0.02000
916	922	923	967	966	3	150.00	0.35	162150.30	162150.30	0.02000
917	923	924	968	967	3	150.00	0.35	162150.30	162150.30	0.02000
918	924	925	969	968	3	150.00	0.35	162150.30	162150.30	0.02000
919	925	926	970	969	3	150.00	0.35	162150.30	162150.30	0.02000
920	926	927	971	970	3	150.00	0.35	162150.30	162150.30	0.02000
921	927	928	972	971	3	150.00	0.35	162150.30	162150.30	0.02000
922	928	929	973	972	3	150.00	0.35	162150.30	162150.30	0.02000
923	929	930	974	973	3	150.00	0.35	162150.30	162150.30	0.02000
924	930	931	975	974	3	150.00	0.35	162150.30	162150.30	0.02000
925	931	932	976	975	3	150.00	0.35	162150.30	162150.30	0.02000
926	932	933	977	976	3	150.00	0.35	162150.30	162150.30	0.02000
927	933	934	978	977	3	150.00	0.35	162150.30	162150.30	0.02000
928	934	935	979	978	3	150.00	0.35	162150.30	162150.30	0.02000
929	935	936	980	979	3	150.00	0.35	162150.30	162150.30	0.02000
930	936	937	981	980	3	150.00	0.35	162150.30	162150.30	0.02000
931	937	938	982	981	3	150.00	0.35	162150.30	162150.30	0.02000
932	984	983	939	939	1	140.00	0.37	69565.22	69565.22	0.02000
933	939	940	985	984	1	140.00	0.37	69565.22	69565.22	0.02000
934	940	941	986	985	1	140.00	0.37	69565.22	69565.22	0.02000
935	941	942	987	986	1	140.00	0.37	69565.22	69565.22	0.02000
936	942	943	988	987	1	140.00	0.37	69565.22	69565.22	0.02000
937	943	944	989	988	1	140.00	0.37	69565.22	69565.22	0.02000
938	944	945	990	989	1	140.00	0.37	69565.22	69565.22	0.02000
939	945	946	991	990	1	140.00	0.37	69565.22	69565.22	0.02000
940	946	947	992	991	1	140.00	0.37	69565.22	69565.22	0.02000
941	947	948	993	992	2	145.00	0.35	103751.55	103751.55	0.02000
942	948	949	994	993	2	145.00	0.35	103751.55	103751.55	0.02000
943	949	950	995	994	2	145.00	0.35	103751.55	103751.55	0.02000
944	950	951	996	995	2	145.00	0.35	103751.55	103751.55	0.02000
945	951	952	997	996	2	145.00	0.35	103751.55	103751.55	0.02000
946	952	953	998	997	3	150.00	0.35	162150.30	162150.30	0.02000
947	953	954	999	998	3	150.00	0.35	162150.30	162150.30	0.02000
948	954	955	1000	999	3	150.00	0.35	162150.30	162150.30	0.02000
949	955	956	1001	1000	3	150.00	0.35	162150.30	162150.30	0.02000
950	956	957	1002	1001	3	150.00	0.35	162150.30	162150.30	0.02000
951	957	958	1003	1002	3	150.00	0.35	162150.30	162150.30	0.02000
952	958	959	1004	1003	3	150.00	0.35	162150.30	162150.30	0.02000
953	959	960	1005	1004	3	150.00	0.35	162150.30	162150.30	0.02000
954	960	961	1006	1005	3	150.00	0.35	162150.30	162150.30	0.02000
955	961	962	1007	1006	3	150.00	0.35	162150.30	162150.30	0.02000
956	962	963	1008	1007	3	150.00	0.35	162150.30	162150.30	0.02000
957	963	964	1009	1008	3	150.00	0.35	162150.30	162150.30	0.02000
958	964	965	1010	1009	3	150.00	0.35	162150.30	162150.30	0.02000
959	965	966	1011	1010	3	150.00	0.35	162150.30	162150.30	0.02000
960	966	967	1012	1011	3	150.00	0.35	162150.30	162150.30	0.02000
961	967	968	1013	1012	3	150.00	0.35	162150.30	162150.30	0.02000
962	968	969	1014	1013	3	150.00	0.35	162150.30	162150.30	0.02000
963	969	970	1015	1014	3	150.00	0.35	162150.30	162150.30	0.02000
964	970	971	1016	1015	3	150.00	0.35	162150.30	162150.30	0.02000
965	971	972	1017	1016	3	150.00	0.35	162150.30	162150.30	0.02000
966	972	973	1018	1017	3	150.00	0.35	162150.30	162150.30	0.02000
967	973	974	1019	1018	3	150.00	0.35	162150.30	162150.30	0.02000
968	974	975	1020	1019	3	150.00	0.35	162150.30	162150.30	0.02000
969	975	976	1021	1020	3	150.00	0.35	162150.30	162150.30	0.02000
970	976	977	1022	1021	3	150.00	0.35	162150.30	162150.30	0.02000
971	977	978	1023	1022	3	150.00	0.35	162150.30	162150.30	0.02000
972	978	979	1024	1023	3	150.00	0.35	162150.30	162150.30	0.02000
973	979	980	1025	1024	3	150.00	0.35	162150.30	162150.30	0.02000
974	980	981	1026	1025	3	150.00	0.35	162150.30	162150.30	0.02000
975	981	982	1027	1026	3	150.00	0.35	162150.30	162150.30	0.02000
976	1029	1028	983	983	1	140.00	0.37	69565.22	69565.22	0.02000
977	983	984	1030	1029	1	140.00	0.37	69565.22	69565.22	0.02000
978	984	985	1031	1030	1	140.00	0.37	69565.22	69565.22	0.02000

979	1005	1006	1032	1031	1	140.00	0.37	69565.22	69565.22	0.02000
980	1006	1007	1033	1032	1	140.00	0.37	69565.22	69565.22	0.02000
981	1007	1008	1034	1033	1	140.00	0.37	69565.22	69565.22	0.02000
982	1008	1009	1035	1034	1	140.00	0.37	69565.22	69565.22	0.02000
983	1009	1010	1036	1035	1	140.00	0.37	69565.22	69565.22	0.02000
984	1010	1011	1037	1036	1	140.00	0.37	69565.22	69565.22	0.02000
985	1011	1012	1038	1037	2	145.00	0.35	103751.55	103751.55	0.02000
986	1012	1013	1039	1038	2	145.00	0.35	103751.55	103751.55	0.02000
987	1013	1014	1040	1039	2	145.00	0.35	103751.55	103751.55	0.02000
988	1014	1015	1041	1040	2	145.00	0.35	103751.55	103751.55	0.02000
989	1015	1016	1042	1041	2	145.00	0.35	103751.55	103751.55	0.02000
990	1016	1017	1043	1042	3	150.00	0.35	162150.30	162150.30	0.02000
991	1017	1018	1044	1043	3	150.00	0.35	162150.30	162150.30	0.02000
992	1018	1019	1045	1044	3	150.00	0.35	162150.30	162150.30	0.02000
993	1019	1020	1046	1045	3	150.00	0.35	162150.30	162150.30	0.02000
994	1020	1021	1047	1046	3	150.00	0.35	162150.30	162150.30	0.02000
995	1021	1022	1048	1047	3	150.00	0.35	162150.30	162150.30	0.02000
996	1022	1023	1049	1048	3	150.00	0.35	162150.30	162150.30	0.02000
997	1023	1024	1050	1049	3	150.00	0.35	162150.30	162150.30	0.02000
998	1024	1025	1051	1050	3	150.00	0.35	162150.30	162150.30	0.02000
999	1025	1026	1052	1051	3	150.00	0.35	162150.30	162150.30	0.02000
1000	1026	1027	1053	1052	3	150.00	0.35	162150.30	162150.30	0.02000
1001	1027	1028	1054	1053	3	150.00	0.35	162150.30	162150.30	0.02000
1002	1028	1029	1055	1054	3	150.00	0.35	162150.30	162150.30	0.02000
1003	1029	1030	1056	1055	3	150.00	0.35	162150.30	162150.30	0.02000
1004	1030	1031	1057	1056	3	150.00	0.35	162150.30	162150.30	0.02000
1005	1031	1032	1058	1057	3	150.00	0.35	162150.30	162150.30	0.02000
1006	1032	1033	1059	1058	3	150.00	0.35	162150.30	162150.30	0.02000
1007	1033	1034	1060	1059	3	150.00	0.35	162150.30	162150.30	0.02000
1008	1034	1035	1061	1060	3	150.00	0.35	162150.30	162150.30	0.02000
1009	1035	1036	1062	1061	3	150.00	0.35	162150.30	162150.30	0.02000
1010	1036	1037	1063	1062	3	150.00	0.35	162150.30	162150.30	0.02000
1011	1037	1038	1064	1063	3	150.00	0.35	162150.30	162150.30	0.02000
1012	1038	1039	1065	1064	3	150.00	0.35	162150.30	162150.30	0.02000
1013	1039	1040	1066	1065	3	150.00	0.35	162150.30	162150.30	0.02000
1014	1040	1041	1067	1066	3	150.00	0.35	162150.30	162150.30	0.02000
1015	1041	1042	1068	1067	3	150.00	0.35	162150.30	162150.30	0.02000
1016	1042	1043	1069	1068	3	150.00	0.35	162150.30	162150.30	0.02000
1017	1043	1044	1070	1069	3	150.00	0.35	162150.30	162150.30	0.02000
1018	1044	1045	1071	1070	3	150.00	0.35	162150.30	162150.30	0.02000
1019	1045	1046	1072	1071	3	150.00	0.35	162150.30	162150.30	0.02000
1020	1046	1047	1073	1072	3	150.00	0.35	162150.30	162150.30	0.02000
1021	1075	1074	1028	1028	1	140.00	0.37	69565.22	69565.22	0.02000
1022	1028	1029	1076	1075	1	140.00	0.37	69565.22	69565.22	0.02000
1023	1029	1030	1077	1076	1	140.00	0.37	69565.22	69565.22	0.02000
1024	1030	1031	1078	1077	1	140.00	0.37	69565.22	69565.22	0.02000
1025	1031	1032	1079	1078	1	140.00	0.37	69565.22	69565.22	0.02000
1026	1032	1033	1080	1079	1	140.00	0.37	69565.22	69565.22	0.02000
1027	1033	1034	1081	1080	1	140.00	0.37	69565.22	69565.22	0.02000
1028	1034	1035	1082	1081	1	140.00	0.37	69565.22	69565.22	0.02000
1029	1035	1036	1083	1082	2	145.00	0.35	103751.55	103751.55	0.02000
1030	1036	1037	1084	1083	2	145.00	0.35	103751.55	103751.55	0.02000
1031	1037	1038	1085	1084	2	145.00	0.35	103751.55	103751.55	0.02000
1032	1038	1039	1086	1085	2	145.00	0.35	103751.55	103751.55	0.02000
1033	1039	1040	1087	1086	2	145.00	0.35	103751.55	103751.55	0.02000
1034	1040	1041	1088	1087	3	150.00	0.35	162150.30	162150.30	0.02000
1035	1041	1042	1089	1088	3	150.00	0.35	162150.30	162150.30	0.02000
1036	1042	1043	1090	1089	3	150.00	0.35	162150.30	162150.30	0.02000
1037	1043	1044	1091	1090	3	150.00	0.35	162150.30	162150.30	0.02000
1038	1044	1045	1092	1091	3	150.00	0.35	162150.30	162150.30	0.02000
1039	1045	1046	1093	1092	3	150.00	0.35	162150.30	162150.30	0.02000
1040	1046	1047	1094	1093	3	150.00	0.35	162150.30	162150.30	0.02000
1041	1047	1048	1095	1094	3	150.00	0.35	162150.30	162150.30	0.02000
1042	1048	1049	1096	1095	3	150.00	0.35	162150.30	162150.30	0.02000
1043	1049	1050	1097	1096	3	150.00	0.35	162150.30	162150.30	0.02000
1044	1050	1051	1098	1097	3	150.00	0.35	162150.30	162150.30	0.02000
1045	1051	1052	1099	1098	3	150.00	0.35	162150.30	162150.30	0.02000
1046	1052	1053	1100	1099	3	150.00	0.35	162150.30	162150.30	0.02000
1047	1053	1054	1101	1100	3	150.00	0.35	162150.30	162150.30	0.02000
1048	1054	1055	1102	1101	3	150.00	0.35	162150.30	162150.30	0.02000
1049	1055	1056	1103	1102	3	150.00	0.35	162150.30	162150.30	0.02000
1050	1056	1057	1104	1103	3	150.00	0.35	162150.30	162150.30	0.02000
1051	1057	1058	1105	1104	3	150.00	0.35	162150.30	162150.30	0.02000
1052	1058	1059	1106	1105	3	150.00	0.35	162150.30	162150.30	0.02000
1053	1059	1060	1107	1106	3	150.00	0.35	162150.30	162150.30	0.02000
1054	1060	1061	1108	1107	3	150.00	0.35	162150.30	162150.30	0.02000
1055	1061	1062	1109	1108	3	150.00	0.35	162150.30	162150.30	0.02000
1056	1062	1063	1110	1109	3	150.00	0.35	162150.30	162150.30	0.02000
1057	1063	1064	1111	1110	3	150.00	0.35	162150.30	162150.30	0.02000
1058	1064	1065	1112	1111	3	150.00	0.35	162150.30	162150.30	0.02000
1059	1065	1066	1113	1112	3	150.00	0.35	162150.30	162150.30	0.02000
1060	1066	1067	1114	1113	3	150.00	0.35	162150.30	162150.30	0.02000
1061	1067	1068	1115	1114	3	150.00	0.35	162150.30	162150.30	0.02000
1062	1068	1069	1116	1115	3	150.00	0.35	162150.30	162150.30	0.02000
1063	1069	1070	1117	1116	3	150.00	0.35	162150.30	162150.30	0.02000
1064	1070	1071	1118	1117	3	150.00	0.35	162150.30	162150.30	0.02000
1065	1071	1072	1119	1118	3	150.00	0.35	162150.30	162150.30	0.02000
1066	1072	1073	1120	1119	3	150.00	0.35	162150.30	162150.30	0.02000
1067	1122	1121	1074	1074	1	140.00	0.37	69565.22	69565.22	0.02000
1068	1074	1075	1123	1122	1	140.00	0.37	69565.22	69565.22	0.02000
1069	1075	1076	1124	1123	1	140.00	0.37	69565.22	69565.22	0.02000
1070	1076	1077	1125	1124	1	140.00	0.37	69565.22	69565.22	0.02000
1071	1077	1078	1126	1125	1	140.00	0.37	69565.22	69565.22	0.02000
1072	1078	1079	1127	1126	1	140.00	0.37	69565.22	69565.22	0.02000
1073	1079	1080	1128	1127	1	140.00	0.37	69565.22	69565.22	0.02000
1074	1080	1081	1129	1128	1	140.00	0.37	69565.22	69565.22	0.02000
1075	1081	1082	1130	1129	1	140.00	0.37	69565.22	69565.22	0.02000
1076	1082	1083	1131	1130	2	145.00	0.35	103751.55	103751.55	0.02000
1077	1083	1084	1132	1131	2	145.00	0.35	103751.55	103751.55	0.02000
1078	1084	1085	1133	1132	2	145.00	0.35	103751.55	103751.55	0.02000
1079	1085	1086	1134	1133	2	145.00	0.35	103751.55	103751.55	0.02000
1080	1086	1087	1135	1134	2	145.00	0.35	103751.55	103751.55	0.02000
1081	1087	1088	1136	1135	3	150.00	0.35	162150.30	162150.30	0.02000
1082	1088	1089	1137	1136	3	150.00	0.35	162150.30	162150.30	0.02000
1083	1089	1090	1138	1137	3	150.00	0.35	162150.30	162150.30	0.02000
1084	1090	1091	1139	1138	3	150.00	0.35	162150.30	162150.30	0.02000
1085	1091	1092	1140	1139	3	150.00	0.35	162150.30	162150.30	0.02000
1086	1092	1093	1141	1140	3	150.00	0.35	162150.30	162150.30	0.02000
1087	1093	1094	1142	1141	3	150.00	0.35	162150.30	162150.30	0.02000
1088	1094	1095	1143	1142	3	150.00	0.35	162150.30	162150.30	0.02000
1089	1095	1096	1144	1143	3	150.00	0.35	162150.30	162150.30	0.02000
1090	1096	1097	1145	1144	3	150.00	0.35	162150.30	162150.30	0.02000
1091	1097	1098	1146	1145	3	150.00	0.35	162150.30	162150.30	0.02000
1092	1098	1099	1147	1146	3	150.00	0.35	162150.30	162150.30	0.02000
1093	1099	1100	1148	1147	3	150.00	0.35	162150.30	162150.30	0.02000
1094	1100	1101	1149	1148	3	150.00	0.35	162150.30	162150.30	0.02000
1095	1101	1102	1150	1149	3	150.00	0.35	162150.30	162150.30	0.02000
1096	1102	1103	1151	1150	3	150.00	0.35	162150.30	162150.30	0.02000
1097	1103	1104	1152	1151	3	150.00	0.35	162150.30	162150.30	0.02000
1098	1104	1105	1153	1152	3	150.00	0.35	162150.30	162150.30	0.02000
1099	1105	1106	1154	1153	3	150.00	0.35	162150.30	162150.30	0.02000
1100	1106	1107	1155	1154	3	150.00	0.35	162150.30	162150.30	0.02000
1101	1107	1108	1156	1155	3	150.00	0.35	162150.30	162150.30	0.02000
1102	1108	1109	1157	1156	3	150.00	0.35	162150.30	162150.30	0.02000
1103	1109	1110	1158	1157	3	150.00	0.35	162150.30	162150.30	0.02000
1104	1110	1111	1159	1158	3	150.00	0.35	162150.30	162150.30	0.02000
1105	1111	1112	1160	1159	3	150.00	0.35	162150.30	162150.30	0.02000
1106	1112	1113	1161	1160	3	150.00	0.35	162150.30	162150.30	0.02000
1107	1113	1114	1162	1161	3	150.00	0.35	162150.30	162150.30	0.02000
1108	1114	1115	1163	1162	3	150.00	0.35	162150.30	162150.30	0.02000
1109	1115	1116	1164	1163	3	150.00	0.35	162150.30	162150.30	0.02000
1110	1116	1117	1165	1164	3	150.00	0.35	162150.30	162150.30	0.02000
1111	1117	1118	1166	1165	3	150.00	0.35	162150.30	162150.30	0.02000
1112	1118	1119	1167	1166	3	150.00	0.35	162150.30	162150.30	0.02000
1113	1119	1120	1168	1167	3	150.00	0.35	162150.30	162150.30	0.02000
1114	1170	1169	1121	1121	1	140.00	0.37	69565.22	69565.22	0.02000
1115	1121	1122	1171	1170	1	140.00	0.37	69565.22	69565.22	0.02000
1116	1122	1123	1172	1171	1	140.00	0.37	69565.22	69565.22	0.02000
1117	1123	1124	1173	1172	1	140.00	0.37	69565.22	69565.22	0.02000
1118	1124	1125	1174	1173	1	140.00	0.37	69565.22	69565.22	0.02000
1119	1125	1126	1175	1174	1	140.00	0.37	69565.22	69565.22	0.02000
1120	1126	1127	1176	1175	1	140.00	0.37	69565.22	69565.22	0.02000
1121	1127	1128	1177	1176	1	140.00	0.37	69565.22	69565.22	0.02000
1122	1128	1129	1178	1177	1	140.00	0.37	69565.22	69565.22	0.02000
1123	1129	1130	1179	1178	2	145.00	0.35	103751.55	103751.55	0.02000
1124	1130	1131	1180	1179	2	145.00	0.35	103751.55	103751.55	0.02000
1125	1131	1132	1181	1180	2	145.00	0.35	103751.55	103751.55	0.02000
1126	1132	1133	1182	1181	2	145.00	0.35	103751.55	103751.55	0.02000
1127	1133	1134	1183	1182	2	145.00	0.35	103751.55	103751.55	0.02000
1128	1134	1135	1184	1183	3	150.00	0.35	162150.30	162150.30	0.02000
1129	1135	1136	1185	1184	3	150.00	0.35	162150.30	162150.30	0.02000
1130	1136	1137	1186	1185	3	150.00	0.35	162150.30	162150.30	0.02000
1131	1137	1138	1187	1186	3	150.00	0.35	162150.30	162150.30	0.02000
1132	1138	1139	1188	1187	3	150.00	0.35	162150.30	162150.30	0.02000
1133	1139	1140	1189	1188	3	150.00	0.35	162150.30	162150.30	0.02000
1134	1140	1141	1190	1189	3	150.00	0.35	162150.30	162150.30	0.02000
1135	1141	1142	1191	1190	3	150.00	0.35	162150.30	162150.30	0.02000
1136	1142	1143	1192	1191	3	150.00	0.35	162150.30	162150.30	0.02000
1137	1143	1144	1193	1192	3	150.00	0.35	162150.30	162150.30	0.02000
1138	1144	1145	1194	1193	3	150.00	0.35	162150.30	162150.30	0.02000
1139	1145	1146	1195	1194	3	150.00	0.35	162150.30	162150.30	0.02000
1140	1146	1147	1196	1195	3	150.00	0.35	162150.30	162150.30	0.02000
1141	1147	1148	1197	1196	3	150.00	0.35	162150.30	162150.30	0.02000
1142	1148	1149	1198	1197	3	150.00	0.35	162150.30	162150.30	0.02000
1143	1149	1150	1199	1198	3	150.00	0.35	162150.30	162150.30	0.02000
1144	1150	1151	1200	1199	3	150.00	0.35	162150.30	162150.30	0.02000
1145	1151	1152	1201	1200	3	150.00	0.35	162150.30	162150.30	0.02000
1146	1152	1153	1202	1201	3	150.00	0.35	162150.30	162150.30	0.02000
1147	1153	1154	1203	1202	3	150.00	0.35	162150.30	162150.30	0.02000
1148	1154	1155	1204	1203	3	150.00	0.35	162150.30	162150.30	0.02000
1149	1155	1156	1205	1204	3	150.00	0.35	162150.30	162150.30	0.02000
1150	1156	1157	1206	1205	3	150.00	0.35	162150.30	162150.30	0.02000
1151	1157	1158	1207	1206	3	150.00	0.35	162150.30	162150.30	0.02000
1152	1158	1159	1208	1207	3	150.00	0.35	162150.30	162150.30	0.02000
1153	1159	1160	1209	1208	3	150.00	0.35	162150.30	162150.30	0.02000
1154	1160	1161	1210	1209	3	150.00	0.35	162150.30	162150.30	0.02000
1155	1161	1162	1211	1210	3	150.00	0.35	162150.30	162150.30	0.02000
1156	1162	1163	1212	1211	3	150.00	0.35	162150.30	162150.30	0.02000
1157	1163	1164	1213	1212	3	150.00	0.35	162150.30	162150.30	0.02000
1158	1164	1165	1214	1213	3	150.00	0.35	162150.30	162150.30	0.02000
1159	1165	1166	1215	1214	3	150.00	0.35	162150.30	162150.30	0.02000
1160	1166	1167	1216	1215	3	150.00	0.35	162150.30	162150.30	0.02000
1161	1167	1168	1217	1216	3	150.00	0.35	162150.30	162150.30	0.02000
1162	1218	1218	1169	1169	1	140.00	0.37	69565.22	69565.22	0.02000
1163	1169	1170	1220	1219	1	140.00	0.37	69565.22	69565.22	0.02000
1164	1170	1171	1221	1220	1	140.00	0.37	69565.22	69565.22	0.02000
1165	1171	1172	1222	1221	1	140.00	0.37	69565.22	69565.22	0.02000
1166	1172	1173	1223	1222	1	140.00	0.37	69565.22	69565.22	0.02000
1167	1173	1174	1224	1223	1	140.00	0.37	69565.22	69565.22	0.02000
1168	1174	1175	1225	1224	1	140.00	0.37	69565.22	69565.22	0.02000
1169	1175	1176	1226	1225	1	140.00	0.37	69565.22	69565.22	0.02000
1170	1176	1177	1227	1226	1	140.00	0.37	69565.22	69565.22	0.02000
1171	1177	1178	1228	1227	2	145.00	0.35	103751.55	103751.55	0.02000
1172	1178	1179	1229	1228	2	145.00	0.35	103751.55	103751.55	0.02000
1173	1179	1180	1230	1229	2	145.00	0.35	103751.55	103751.55	0.02000
1174	1180	1181	1231	1230	2	145.00	0.35	103751.55	103751.55	0.02000
1175	1181	1182	1232	1231	2	145.00	0.35	103751.55	103751.55	0.02000
1176	1182	1183	1233	1232	3	150.00	0.35	162150.30	162150.30	0.02000
1177	1183	1184	1234	1233	3	150.00	0.35	162150.30	162150.30	0.02000
1178	1184	1185	1235	1234	3	150.00	0.35	162150.30	162150.30	0.02000
1179	1185	1186	1236	1235	3	150.00	0.35	162150.30	162150.30	0.02000
1180	1186	1187	1237	1236	3	150.00	0.35	162150.30	162150.30	0.02000
1181	1187	1188	1238	1237	3	150.00	0.35	162150.30	162150.30	0.02000
1182	1188	1189	1239	1238	3	150.00	0.35	162150.30	162150.30	0.02000
1183	1189	1190	1240	1239	3	150.00	0.35	162150.30	162150.30	0.02000
1184	1190	1191	1241	1240	3	150.00	0.35	162150.30	162150.30	0.02000
1185	1191	1192	1242	1241	3	150.00	0.35	162150.30	162150.30	0.02000
1186	1192	1193	1243	1242	3	150.00	0.35	162150.30	162150.30	0.02000
1187	1193	1194	1244	1243	3	150.00	0.35	162150.30	162150.30	0.02000
1188	1194	1195	1245	1244	3	150.00	0.35	162150.30	162150.30	0.02000
1189	1195	1196	1246	1245	3	150.00	0.35	162150.30	162150.30	0.02000
1190	1196	1197	1247	1246	3	150.00	0.35	162150.30	162150.30	0.02000
1191	1197	1198	1248	1247	3	150.00	0.35	162150.30	162150.30	0.02000
1192	1198	1199	1249	1248	3	150.00	0.35	162150.30	162150.30	0.02000
1193	1199	1200	1250	1249	3	150.00	0.35	162150.30	162150.30	0.02000
1194	1200	1201	1251	1250	3	150.00	0.35	162150.30	162150.30	0.02000
1195	1201	1202	1252	1251	3	150.00	0.35	162150.30	162150.30	0.02000
1196	1202	1203	1253	1252	3	150.00	0.35	162150.30	162150.30	0.02000
1197	1203	1204	1254	1253	3	150.00	0.35	162150.30	162150.30	0.02000
1198	1204	1205	1255	1254	3	150.00	0.35	162150.30	162150.30	0.02000
1199	1205	1206	1256	1255	3	150.00	0.35	162150.30	162150.30	0.02000
1200	1206	1207	1257	1256	3	150.00	0.35	162150.30	162150.30	0.02000
1201	1207	1208	1258	1257	3	150.00	0.35	162150.30	162150.30	0.02000
1202	1208	1209	1259	1258	3	150.00	0.35	162150.30	162150.30	0.02000
1203	1209	1210	1260	1259	3	150.00	0.35	162150.30	162150.30	0.02000
1204	1210	1211	1261	1260	3	150.00	0.35	162150.30	162150.30	0.02000
1205	1211	1212	1262	1261	3	150.00	0.35	162150.30	162150.30	0.02000
1206	1212	1213	1263	1262	3	150.00	0.35	162150.30	162150.30	0.02000
1207	1213	1214	1264	1263	3	150.00	0.35	162150.30	162150.30	0.02000
1208	1214	1215	1265	1264	3	150.00	0.35	162150.30	162150.30	0.02000
1209	1215	1216	1266	1265	3	150.00	0.35	162150.30	162150.30	0.02000
1210	1216	1217	1267	1266	3	150.00	0.35	162150.30	162150.30	0.02000
1211	1269	1268	1218	1218	1	140.00	0.37	69565.22	69565.22	0.02000
1212	1218	1219	1270	1269	1	140.00	0.37	69565.22	69565.22	0.02000
1213	1219	1220	1271	1270	1	140.00	0.37	69565.22	69565.22	0.02000
1214	1220	1221	1272	1271	1	140.00	0.37	69565.22	69565.22	0.02000
1215	1221	1222	1273	1272	1	140.00	0.37	69565.22	69565.22	0.02000
1216	1222	1223	1274	1273	1	140.00	0.37	69565.22	69565.22	0.02000
1217	1223	1224	1275	1274	1	140.00	0.37	69565.22	69565.22	0.02000
1218	1224	1225	1276	1275	1	140.00	0.37	69565.22	69565.22	0.02000
1219	1225	1226	1277	1276	1	140.00	0.37	69565.22	69565.22	0.02000
1220	1226	1227	1278	1277	2	145.00	0.35	103751.55	103751.55	0.02000
1221	1227	1228	1279	1278	2	145.00	0.35	103751.55	103751.55	0.02000
1222	1228	1229	1280	1279	2	145.00	0.35	103751.55	103751.55	0.02000
1223	1229	1230	1281	1280	2	145.00	0.35	103751.55	103751.55	0.02000
1224	1230	1231	1282	1281	2	145.00	0.35	103751.55	103751.55	0.02000
1225	1231	1232	1283	1282	3	150.00	0.35	162150.30	162150.30	0.02000
1226	1232	1233	1284	1283	3	150.00	0.35	162150.30	162150.30	0.02000
1227	1233	1234	1285	1284	3	150.00	0.35	162150.30	162150.30	0.02000
1228	1234	1235	1286	1285	3	150.00	0.35	162150.30	162150.30	0.02000
1229	1235	1236	1287	1286	3	150.00	0.35	162150.30	162150.30	0.02000
1230	1236	1237	1288	1287	3	150.00	0.35	162150.30	162150.30	0.02000
1231	1237	1238	1289	1288	3	150.00	0.35	162150.30	162150.30	0.02000
1232	1238	1239	1290	1289	3	150.00	0.35	162150.30	162150.30	0.02000

1233	1239	1240	1291	1290	3	150.00	0.35	162150.38	162150.38	0.02000
1234	1240	1241	1292	1291	3	150.00	0.35	162150.38	162150.38	0.02000
1235	1241	1242	1293	1292	3	150.00	0.35	162150.38	162150.38	0.02000
1236	1242	1243	1294	1293	3	150.00	0.35	162150.38	162150.38	0.02000
1237	1243	1244	1295	1294	3	150.00	0.35	162150.38	162150.38	0.02000
1238	1244	1245	1296	1295	3	150.00	0.35	162150.38	162150.38	0.02000
1239	1245	1246	1297	1296	3	150.00	0.35	162150.38	162150.38	0.02000
1240	1246	1247	1298	1297	3	150.00	0.35	162150.38	162150.38	0.02000
1241	1247	1248	1299	1298	3	150.00	0.35	162150.38	162150.38	0.02000
1242	1248	1249	1300	1299	3	150.00	0.35	162150.38	162150.38	0.02000
1243	1249	1250	1301	1300	3	150.00	0.35	162150.38	162150.38	0.02000
1244	1250	1251	1302	1301	3	150.00	0.35	162150.38	162150.38	0.02000
1245	1251	1252	1303	1302	3	150.00	0.35	162150.38	162150.38	0.02000
1246	1252	1253	1304	1303	3	150.00	0.35	162150.38	162150.38	0.02000
1247	1253	1254	1305	1304	3	150.00	0.35	162150.38	162150.38	0.02000
1248	1254	1255	1306	1305	3	150.00	0.35	162150.38	162150.38	0.02000
1249	1255	1256	1307	1306	3	150.00	0.35	162150.38	162150.38	0.02000
1250	1256	1257	1308	1307	3	150.00	0.35	162150.38	162150.38	0.02000
1251	1257	1258	1309	1308	3	150.00	0.35	162150.38	162150.38	0.02000
1252	1258	1259	1310	1309	3	150.00	0.35	162150.38	162150.38	0.02000
1253	1259	1260	1311	1310	3	150.00	0.35	162150.38	162150.38	0.02000
1254	1260	1261	1312	1311	3	150.00	0.35	162150.38	162150.38	0.02000
1255	1261	1262	1313	1312	3	150.00	0.35	162150.38	162150.38	0.02000
1256	1262	1263	1314	1313	3	150.00	0.35	162150.38	162150.38	0.02000
1257	1263	1264	1315	1314	3	150.00	0.35	162150.38	162150.38	0.02000
1258	1264	1265	1316	1315	3	150.00	0.35	162150.38	162150.38	0.02000
1259	1265	1266	1317	1316	3	150.00	0.35	162150.38	162150.38	0.02000
1260	1266	1267	1318	1317	3	150.00	0.35	162150.38	162150.38	0.02000
1261	1268	1269	1320	1319	1	140.00	0.37	69565.22	69565.22	0.02000
1262	1269	1270	1321	1320	1	140.00	0.37	69565.22	69565.22	0.02000
1263	1270	1271	1322	1321	1	140.00	0.37	69565.22	69565.22	0.02000
1264	1271	1272	1323	1322	1	140.00	0.37	69565.22	69565.22	0.02000
1265	1272	1273	1324	1323	1	140.00	0.37	69565.22	69565.22	0.02000
1266	1273	1274	1325	1324	1	140.00	0.37	69565.22	69565.22	0.02000
1267	1274	1275	1326	1325	1	140.00	0.37	69565.22	69565.22	0.02000
1268	1275	1276	1327	1326	1	140.00	0.37	69565.22	69565.22	0.02000
1269	1276	1277	1328	1327	2	145.00	0.35	103751.55	103751.55	0.02000
1270	1277	1278	1329	1328	2	145.00	0.35	103751.55	103751.55	0.02000
1271	1278	1279	1330	1329	2	145.00	0.35	103751.55	103751.55	0.02000
1272	1279	1280	1331	1330	2	145.00	0.35	103751.55	103751.55	0.02000
1273	1280	1281	1332	1331	2	145.00	0.35	103751.55	103751.55	0.02000
1274	1281	1282	1333	1332	3	150.00	0.35	162150.38	162150.38	0.02000
1275	1282	1283	1334	1333	3	150.00	0.35	162150.38	162150.38	0.02000
1276	1283	1284	1335	1334	3	150.00	0.35	162150.38	162150.38	0.02000
1277	1284	1285	1336	1335	3	150.00	0.35	162150.38	162150.38	0.02000
1278	1285	1286	1337	1336	3	150.00	0.35	162150.38	162150.38	0.02000
1279	1286	1287	1338	1337	3	150.00	0.35	162150.38	162150.38	0.02000
1280	1287	1288	1339	1338	3	150.00	0.35	162150.38	162150.38	0.02000
1281	1288	1289	1340	1339	3	150.00	0.35	162150.38	162150.38	0.02000
1282	1289	1290	1341	1340	3	150.00	0.35	162150.38	162150.38	0.02000
1283	1290	1291	1342	1341	3	150.00	0.35	162150.38	162150.38	0.02000
1284	1291	1292	1343	1342	3	150.00	0.35	162150.38	162150.38	0.02000
1285	1292	1293	1344	1343	3	150.00	0.35	162150.38	162150.38	0.02000
1286	1293	1294	1345	1344	3	150.00	0.35	162150.38	162150.38	0.02000
1287	1294	1295	1346	1345	3	150.00	0.35	162150.38	162150.38	0.02000
1288	1295	1296	1347	1346	3	150.00	0.35	162150.38	162150.38	0.02000
1289	1296	1297	1348	1347	3	150.00	0.35	162150.38	162150.38	0.02000
1290	1297	1298	1349	1348	3	150.00	0.35	162150.38	162150.38	0.02000
1291	1298	1299	1350	1349	3	150.00	0.35	162150.38	162150.38	0.02000
1292	1299	1300	1351	1350	3	150.00	0.35	162150.38	162150.38	0.02000
1293	1300	1301	1352	1351	3	150.00	0.35	162150.38	162150.38	0.02000
1294	1301	1302	1353	1352	3	150.00	0.35	162150.38	162150.38	0.02000
1295	1302	1303	1354	1353	3	150.00	0.35	162150.38	162150.38	0.02000
1296	1303	1304	1355	1354	3	150.00	0.35	162150.38	162150.38	0.02000
1297	1304	1305	1356	1355	3	150.00	0.35	162150.38	162150.38	0.02000
1298	1305	1306	1357	1356	3	150.00	0.35	162150.38	162150.38	0.02000
1299	1306	1307	1358	1357	3	150.00	0.35	162150.38	162150.38	0.02000
1300	1307	1308	1359	1358	3	150.00	0.35	162150.38	162150.38	0.02000
1301	1308	1309	1360	1359	3	150.00	0.35	162150.38	162150.38	0.02000
1302	1309	1310	1361	1360	3	150.00	0.35	162150.38	162150.38	0.02000
1303	1310	1311	1362	1361	3	150.00	0.35	162150.38	162150.38	0.02000
1304	1311	1312	1363	1362	3	150.00	0.35	162150.38	162150.38	0.02000
1305	1312	1313	1364	1363	3	150.00	0.35	162150.38	162150.38	0.02000
1306	1313	1314	1365	1364	3	150.00	0.35	162150.38	162150.38	0.02000
1307	1314	1315	1366	1365	3	150.00	0.35	162150.38	162150.38	0.02000
1308	1315	1316	1367	1366	3	150.00	0.35	162150.38	162150.38	0.02000
1309	1316	1317	1368	1367	3	150.00	0.35	162150.38	162150.38	0.02000
1310	1317	1318	1369	1368	3	150.00	0.35	162150.38	162150.38	0.02000
1311	1319	1320	1371	1370	1	140.00	0.37	69565.22	69565.22	0.02000
1312	1320	1321	1372	1371	1	140.00	0.37	69565.22	69565.22	0.02000
1313	1321	1322	1373	1372	1	140.00	0.37	69565.22	69565.22	0.02000
1314	1322	1323	1374	1373	1	140.00	0.37	69565.22	69565.22	0.02000
1315	1323	1324	1375	1374	1	140.00	0.37	69565.22	69565.22	0.02000
1316	1324	1325	1376	1375	1	140.00	0.37	69565.22	69565.22	0.02000
1317	1325	1326	1377	1376	1	140.00	0.37	69565.22	69565.22	0.02000
1318	1326	1327	1378	1377	1	140.00	0.37	69565.22	69565.22	0.02000
1319	1327	1328	1379	1378	2	145.00	0.35	103751.55	103751.55	0.02000
1320	1328	1329	1380	1379	2	145.00	0.35	103751.55	103751.55	0.02000
1321	1329	1330	1381	1380	2	145.00	0.35	103751.55	103751.55	0.02000
1322	1330	1331	1382	1381	2	145.00	0.35	103751.55	103751.55	0.02000
1323	1331	1332	1383	1382	2	145.00	0.35	103751.55	103751.55	0.02000
1324	1332	1333	1384	1383	3	150.00	0.35	162150.38	162150.38	0.02000
1325	1333	1334	1385	1384	3	150.00	0.35	162150.38	162150.38	0.02000
1326	1334	1335	1386	1385	3	150.00	0.35	162150.38	162150.38	0.02000
1327	1335	1336	1387	1386	3	150.00	0.35	162150.38	162150.38	0.02000
1328	1336	1337	1388	1387	3	150.00	0.35	162150.38	162150.38	0.02000
1329	1337	1338	1389	1388	3	150.00	0.35	162150.38	162150.38	0.02000
1330	1338	1339	1390	1389	3	150.00	0.35	162150.38	162150.38	0.02000
1331	1339	1340	1391	1390	3	150.00	0.35	162150.38	162150.38	0.02000
1332	1340	1341	1392	1391	3	150.00	0.35	162150.38	162150.38	0.02000
1333	1341	1342	1393	1392	3	150.00	0.35	162150.38	162150.38	0.02000
1334	1342	1343	1394	1393	3	150.00	0.35	162150.38	162150.38	0.02000
1335	1343	1344	1395	1394	3	150.00	0.35	162150.38	162150.38	0.02000
1336	1344	1345	1396	1395	3	150.00	0.35	162150.38	162150.38	0.02000
1337	1345	1346	1397	1396	3	150.00	0.35	162150.38	162150.38	0.02000
1338	1346	1347	1398	1397	3	150.00	0.35	162150.38	162150.38	0.02000
1339	1347	1348	1399	1398	3	150.00	0.35	162150.38	162150.38	0.02000
1340	1348	1349	1400	1399	3	150.00	0.35	162150.38	162150.38	0.02000
1341	1349	1350	1401	1400	3	150.00	0.35	162150.38	162150.38	0.02000
1342	1350	1351	1402	1401	3	150.00	0.35	162150.38	162150.38	0.02000
1343	1351	1352	1403	1402	3	150.00	0.35	162150.38	162150.38	0.02000
1344	1352	1353	1404	1403	3	150.00	0.35	162150.38	162150.38	0.02000
1345	1353	1354	1405	1404	3	150.00	0.35	162150.38	162150.38	0.02000
1346	1354	1355	1406	1405	3	150.00	0.35	162150.38	162150.38	0.02000
1347	1355	1356	1407	1406	3	150.00	0.35	162150.38	162150.38	0.02000
1348	1356	1357	1408	1407	3	150.00	0.35	162150.38	162150.38	0.02000
1349	1357	1358	1409	1408	3	150.00	0.35	162150.38	162150.38	0.02000
1350	1358	1359	1410	1409	3	150.00	0.35	162150.38	162150.38	0.02000
1351	1359	1360	1411	1410	3	150.00	0.35	162150.38	162150.38	0.02000
1352	1360	1361	1412	1411	3	150.00	0.35	162150.38	162150.38	0.02000
1353	1361	1362	1413	1412	3	150.00	0.35	162150.38	162150.38	0.02000
1354	1362	1363	1414	1413	3	150.00	0.35	162150.38	162150.38	0.02000
1355	1363	1364	1415	1414	3	150.00	0.35	162150.38	162150.38	0.02000
1356	1364	1365	1416	1415	3	150.00	0.35	162150.38	162150.38	0.02000
1357	1365	1366	1417	1416	3	150.00	0.35	162150.38	162150.38	0.02000
1358	1366	1367	1418	1417	3	150.00	0.35	162150.38	162150.38	0.02000
1359	1367	1368	1419	1418	3	150.00	0.35	162150.38	162150.38	0.02000
1360	1368	1369	1420	1419	3	150.00	0.35	162150.38	162150.38	0.02000
1361	1370	1371	1422	1421	1	140.00	0.37	69565.22	69565.22	0.02000
1362	1371	1372	1423	1422	1	140.00	0.37	69565.22	69565.22	0.02000
1363	1372	1373	1424	1423	1	140.00	0.37	69565.22	69565.22	0.02000
1364	1373	1374	1425	1424	1	140.00	0.37	69565.22	69565.22	0.02000
1365	1374	1375	1426	1425	1	140.00	0.37	69565.22	69565.22	0.02000
1366	1375	1376	1427	1426	1	140.00	0.37	69565.22	69565.22	0.02000
1367	1376	1377	1428	1427	1	140.00	0.37	69565.22	69565.22	0.02000
1368	1377	1378	1429	1428	1	140.00	0.37	69565.22	69565.22	0.02000
1369	1378	1379	1430	1429	2	145.00	0.35	103751.55	103751.55	0.02000
1370	1379	1380	1431	1430	2	145.00	0.35	103751.55	103751.55	0.02000
1371	1380	1381	1432	1431	2	145.00	0.35	103751.55	103751.55	0.02000
1372	1381	1382	1433	1432	2	145.00	0.35	103751.55	103751.55	0.02000
1373	1382	1383	1434	1433	2	145.00	0.35	103751.55	103751.55	0.02000
1374	1383	1384	1435	1434	3	150.00	0.35	162150.38	162150.38	0.02000
1375	1384	1385	1436	1435	3	150.00	0.35	162150.38	162150.38	0.02000
1376	1385	1386	1437	1436	3	150.00	0.35	162150.38	162150.38	0.02000
1377	1386	1387	1438	1437	3	150.00	0.35	162150.38	162150.38	0.02000
1378	1387	1388	1439	1438	3	150.00	0.35	162150.38	162150.38	0.02000
1379	1388	1389	1440	1439	3	150.00	0.35	162150.38	162150.38	0.02000
1380	1389	1390	1441	1440	3	150.00	0.35	162150.38	162150.38	0.02000
1381	1390	1391	1442	1441	3	150.00	0.35	162150.38	162150.38	0.02000
1382	1391	1392	1443	1442	3	150.00	0.35	162150.38	162150.38	0.02000
1383	1392	1393	1444	1443	3	150.00	0.35	162150.38	162150.38	0.02000
1384	1393	1394	1445	1444	3	150.00	0.35	162150.38	162150.38	0.02000
1385	1394	1395	1446	1445	3	150.00	0.35	162150.38	162150.38	0.02000
1386	1395	1396	1447	1446	3	150.00	0.35	162150.38	162150.38	0.02000
1387	1396	1397	1448	1447	3	150.00	0.35	162150.38	162150.38	0.02000
1388	1397	1398	1449	1448	3	150.00	0.35	162150.38	162150.38	0.02000
1389	1398	1399	1450	1449	3	150.00	0.35	162150.38	162150.38	0.02000
1390	1399	1400	1451	1450	3	150.00	0.35	162150.38	162150.38	0.02000
1391	1400	1401	1452	1451	3	150.00	0.35	162150.38	162150.38	0.02000
1392	1401	1402	1453	1452	3	150.00	0.35	162150.38	162150.38	0.02000
1393	1402	1403	1454	1453	3	150.00	0.35	162150.38	162150.38	0.02000
1394	1403	1404	1455	1454	3	150.00	0.35	162150.38	162150.38	0.02000
1395	1404	1405	1456	1455	3	150.00	0.35	162150.38	162150.38	0.02000
1396	1405	1406	1457	1456	3	150.00	0.35	162150.38	162150.38	0.02000
1397	1406	1407	1458	1457	3	150.00	0.35	162150.38	162150.38	0.02000
1398	1407	1408	1459	1458	3	150.00	0.35	162150.38	162150.38	0.02000
1399	1408	1409	1460	1459	3	150.00	0.35	162150.38	162150.38	0.02000
1400	1409	1410	1461	1460	3	150.00	0.35	162150.38	162150.38	0.02000
1401	1410	1411	1462	1461	3	150.00	0.35	162150.38	162150.38	0.02000
1402	1411	1412	1463	1462	3	150.00	0.35	162150.38	162150.38	0.02000
1403	1412	1413	1464	1463	3	150.00	0.35	162150.38	162150.38	0.02000
1404	1413	1414	1465	1464	3	150.00	0.35	162150.38	162150.38	0.02000
1405	1414	1415	1466	1465	3	150.00	0.35	162150.38	162150.38	0.02000
1406	1415	1416	1467	1466	3	150.00	0.35	162150.38	162150.38	0.02000
1407	1416	1417	1468	1467	3	150.00	0.35	162150.38	162150.38	0.02000
1408	1417	1418	1469	1468	3	150.00	0.35	162150.38	162150.38	0.02000
1409	1418	1419	1470	1469	3	150.00	0.35	162150.38	162150.38	0.02000
1410	1419	1420	1471	1470	3	150.00	0.35	162150.38	162150.38	0.02000
1411	1421	1422	1473	1472	1	140.00	0.37	69565.22	69565.22	0.02000
1412	1422	1423	1474	1473	1	140.00	0.37	69565.22	69565.22	0.02000
1413	1423	1424	1475	1474	1	140.00	0.37	69565.22	69565.22	0.02000
1414	1424	1425	1476	1475	1	140.00	0.37	69565.22	69565.22	0.02000
1415	1425	1426	1477	1476	1	140.00	0.37	69565.22	69565.22	0.02000
1416	1426	1427	1478	1477	1	140.00	0.37	69565.22	69565.22	0.02000
1417	1427	1428	1479	1478	1	140.00	0.37	69565.22	69565.22	0.02000
1418	1428	1429	1480	1479	1	140.00	0.37	69565.22	69565.22	0.02000
1419	1429	1430	1481	1480	2	145.00	0.35	103751.55	103751.55	0.02000
1420	1430	1431	1482	1481	2	145.00	0.35	103751.55	103751.55	0.02000
1421	1431	1432	1483	1482	2	145.00	0.35	103751.55	103751.55	0.02000
1422	1432	1433	1484	1483	2	145.00	0.35	103751.55	103751.55	0.02000
1423	1433	1434	1485	1484	2	145.00	0.35	103751.55	103751.55	0.02000
1424	1434	1435	1486	1485	3	150.00	0.35	162150.38	162150.38	0.02000
1425	1435	1436	1487	1486	3	150.00	0.35	162150.38	162150.38	0.02000
1426	1436	1437	1488	1487	3	150.00	0.35	162150.38	162150.38	0.02000
1427	1437	1438	1489	1488	3	150.00	0.35	162150.38	162150.38	0.02000
1428	1438	1439	1490	1489	3	150.00	0.35	162150.38	162150.38	0.02000
1429	1439	1440	1491	1490	3	150.00	0.35	162150.38	162150.38	0.02000
1430	1440	1441	1492	1491	3	150.00	0.35	162150.38	162150.38	0.02000
1431	1441	1442	1493	1492	3	150.00	0.35	162150.38	162150.38	0.02000
1432	1442	1443	1494	1493	3	150.00	0.35	162150.38	162150.38	0.02000
1433	1443	1444	1495	1494	3	150.00	0.35	162150.38	162150.38	0.02000
1434	1444	1445	1496	1495	3	150.00	0.35	162150.38	162150.38	0.02000
1435	1445	1446	1497	1496	3	150.00	0.35	162150.38	162150.38	0.02000
1436	1446	1447	1498	1497	3	150.00	0.35	162150.38	162150.38	0.02000
1437	1447	1448	1499	1498	3	150.00	0.35	162150.38	162150.38	0.02000
1438	1448	1449	1500	1499	3	150.00	0.35	162150.38	162150.38	0.02000
1439	1449	1450	1501	1500	3	150.00	0.35	162150.38	162150.38	0.02000
1440	1450	1451	1502	1501	3	150.00	0.35	162150.38	162150.38	0.02000
1441	1451	1452	1503	1502	3	150.00	0.35	162150.38	162150.38	0.02000
1442	1452	1453	1504	1503	3	150.00	0.35	162150.38	162150.38	0.02000
1443	1453	1454	1505	1504	3	150.00	0.35	162150.38	162150.38	0.02000
1444	1454	1455	1506	1505	3	150.00	0.35	162150.38	162150.38	0.02000
1445	1455	1456	1507	1506	3	150.00	0.35	162150.38	162150.38	0.02000
1446	1456	1457	1508	1507	3	150.00	0.35	162150.38	162150.38	0.02000
1447	1457	1458	1509	1508	3	150.00	0.35	162150.38	162150.38	0.02000
1448	1458	1459	1510	1509	3	150.00	0.35	162150.38	162150.38	0.02000
1449	1459	1460	1511	1510	3	150.00	0.35	162150.38	162150.38	0.02000
1450	1460	1461	1512	1511	3	150.00	0.35	162150.38	162150.38	0.02000
1451	1461	1462	1513	1512	3	150.00	0.35	162150.38	162150.38	0.02000
1452	1462	1463	1514	1513	3	150.00	0.35	162150.38	162150.38	0.02000
1453	1463	1464	1515	1514	3	150.00	0.35	162150.38	162150.38	0.02000
1454	1464	1465	1516	1515	3	150.00	0.35	162150.38	162150.38	0.02000
1455	1465	1466	1517	1516	3	150.00	0.35	162150.38	162150.38	0.02000
1456	1466	1467	1518	1517	3	150.00	0.35	162150.38	162150.38	0.02000
1457	1467	1468	1519	1518	3	150.00	0.35	162150.38	162150.38	0.02000
1458	1468	1469	1520	1519	3	150.00	0.35	162150.38	162150.38	0.02000
1459	1469	1470	1521	1520	3	150.00	0.35	162150.38	162150.38	0.02000
1460	1470	1471	1522	1521	3	150.00	0.35	162150.38	162150.38	0.02000
1461	1472	1473	1524	1523	1	140.00	0.37	69565.22	69565.22	0.02000
1462	1473	1474	1525	1524	1	140.00	0.37	69565.22	69565.22	0.02000
1463	1474	1475	1526	1525	1	140.00	0.37	69565.22	69565.22	0.02000
1464	1475	1476	1527	1526	1	140.00	0.37	69565.22	69565.22	0.02000
1465	1476	1477	1528	1527	1	140.00	0.37	69565.22	69565.22	0.02000
1466	1477	1478	1529	1528	1	140.00	0.37	69565.22	69565.22	0.02000
1467	1478	1479	1530	1529	1	140.00	0.37	69565.22	69565.22	0.02000
1468	1479	1480	1531	1530	1	140.00	0.37	69565.22	69565.22	0.02000
1469	1480	1481	1532	1531	2	145.00	0.35	103751.55	103751.55	0.02000
1470	1481	1482	1533	1532	2	145.00	0.35	103751.55	103751.55	0.02000
1471	1482	1483	1534	1533	2	145.00	0.35	103751.55	103751.55	0.02000
1472	1483	1484	1535	1534	2	145.00	0.35	103751.55	103751.55	0.02000
1473	1484	1485	1536	1535	2	145.00	0.35	103751.55	103751.55	0.02000
1474	1485	1486	1537	1536	3	150.00	0.35	162150.38	162150.38	0.02000
1475	1486	1487	1538	1537	3	150.00	0.35	162150.38	162150.38	0.02000
1476	1487	1488	1539	1538	3	150.00	0.35	162150.38	162150.38	0.02000
1477	1488	1489	1540	1539	3	150.00	0.35	162150.38	162150.38	0.02000
1478	1489	1490	1541	1540	3	150.00	0.35	162150.38	162150.38	0.02000
1479	1490	1491	1542	1541	3	150.00	0.35	162150.38	162150.38	0.02000
1480	1491	1492	1543	1542	3	150.00	0.35	162150.38	162150.38	0.02000
1481	1492	1493	1544	1543	3	150.00	0.35	162150.38	162150.38	0.02000
1482	1493	1494	1545	1544	3	150.00	0.35	162150.38	162150.38	0.02000
1483	1494	1495	1546	1545	3	150.00	0.35	162150.38	162150.38	0.02000
1484	1495	1496	1547	1546	3	150.00	0.35	162150.38	162150.38	0.02000
1485	1496	1497	1548	1547	3	150.00	0.35	162150.38	162150.38	0.02000
1486	1497	1498	1549	1548	3	150.00	0.35	162150.38	162150.38	0.02000

1487	1498	1499	1550	1549	3	150.00	0.35	162150.38	162150.38	0.02000
1488	1499	1500	1551	1550	3	150.00	0.35	162150.38	162150.38	0.02000
1489	1500	1501	1552	1551	3	150.00	0.35	162150.38	162150.38	0.02000
1490	1501	1502	1553	1552	3	150.00	0.35	162150.38	162150.38	0.02000
1491	1502	1503	1554	1553	3	150.00	0.35	162150.38	162150.38	0.02000
1492	1503	1504	1555	1554	3	150.00	0.35	162150.38	162150.38	0.02000
1493	1504	1505	1556	1555	3	150.00	0.35	162150.38	162150.38	0.02000
1494	1505	1506	1557	1556	3	150.00	0.35	162150.38	162150.38	0.02000
1495	1506	1507	1558	1557	3	150.00	0.35	162150.38	162150.38	0.02000
1496	1507	1508	1559	1558	3	150.00	0.35	162150.38	162150.38	0.02000
1497	1508	1509	1560	1559	3	150.00	0.35	162150.38	162150.38	0.02000
1498	1509	1510	1561	1560	3	150.00	0.35	162150.38	162150.38	0.02000
1499	1510	1511	1562	1561	3	150.00	0.35	162150.38	162150.38	0.02000
1500	1511	1512	1563	1562	3	150.00	0.35	162150.38	162150.38	0.02000
1501	1512	1513	1564	1563	3	150.00	0.35	162150.38	162150.38	0.02000
1502	1513	1514	1565	1564	3	150.00	0.35	162150.38	162150.38	0.02000
1503	1514	1515	1566	1565	3	150.00	0.35	162150.38	162150.38	0.02000
1504	1515	1516	1567	1566	3	150.00	0.35	162150.38	162150.38	0.02000
1505	1516	1517	1568	1567	3	150.00	0.35	162150.38	162150.38	0.02000
1506	1517	1518	1569	1568	3	150.00	0.35	162150.38	162150.38	0.02000
1507	1518	1519	1570	1569	3	150.00	0.35	162150.38	162150.38	0.02000
1508	1519	1520	1571	1570	3	150.00	0.35	162150.38	162150.38	0.02000
1509	1520	1521	1572	1571	3	150.00	0.35	162150.38	162150.38	0.02000
1510	1521	1522	1573	1572	3	150.00	0.35	162150.38	162150.38	0.02000
1511	1523	1524	1575	1574	1	140.00	0.37	69565.22	69565.22	0.02000
1512	1524	1525	1576	1575	1	140.00	0.37	69565.22	69565.22	0.02000
1513	1525	1526	1577	1576	1	140.00	0.37	69565.22	69565.22	0.02000
1514	1526	1527	1578	1577	1	140.00	0.37	69565.22	69565.22	0.02000
1515	1527	1528	1579	1578	1	140.00	0.37	69565.22	69565.22	0.02000
1516	1528	1529	1580	1579	1	140.00	0.37	69565.22	69565.22	0.02000
1517	1529	1530	1581	1580	1	140.00	0.37	69565.22	69565.22	0.02000
1518	1530	1531	1582	1581	1	140.00	0.37	69565.22	69565.22	0.02000
1519	1531	1532	1583	1582	2	145.00	0.35	103751.55	103751.55	0.02000
1520	1532	1533	1584	1583	2	145.00	0.35	103751.55	103751.55	0.02000
1521	1533	1534	1585	1584	2	145.00	0.35	103751.55	103751.55	0.02000
1522	1534	1535	1586	1585	2	145.00	0.35	103751.55	103751.55	0.02000
1523	1535	1536	1587	1586	2	145.00	0.35	103751.55	103751.55	0.02000
1524	1536	1537	1588	1587	3	150.00	0.35	162150.38	162150.38	0.02000
1525	1537	1538	1589	1588	3	150.00	0.35	162150.38	162150.38	0.02000
1526	1538	1539	1590	1589	3	150.00	0.35	162150.38	162150.38	0.02000
1527	1539	1540	1591	1590	3	150.00	0.35	162150.38	162150.38	0.02000
1528	1540	1541	1592	1591	3	150.00	0.35	162150.38	162150.38	0.02000
1529	1541	1542	1593	1592	3	150.00	0.35	162150.38	162150.38	0.02000
1530	1542	1543	1594	1593	3	150.00	0.35	162150.38	162150.38	0.02000
1531	1543	1544	1595	1594	3	150.00	0.35	162150.38	162150.38	0.02000
1532	1544	1545	1596	1595	3	150.00	0.35	162150.38	162150.38	0.02000
1533	1545	1546	1597	1596	3	150.00	0.35	162150.38	162150.38	0.02000
1534	1546	1547	1598	1597	3	150.00	0.35	162150.38	162150.38	0.02000
1535	1547	1548	1599	1598	3	150.00	0.35	162150.38	162150.38	0.02000
1536	1548	1549	1600	1599	3	150.00	0.35	162150.38	162150.38	0.02000
1537	1549	1550	1601	1600	3	150.00	0.35	162150.38	162150.38	0.02000
1538	1550	1551	1602	1601	3	150.00	0.35	162150.38	162150.38	0.02000
1539	1551	1552	1603	1602	3	150.00	0.35	162150.38	162150.38	0.02000
1540	1552	1553	1604	1603	3	150.00	0.35	162150.38	162150.38	0.02000
1541	1553	1554	1605	1604	3	150.00	0.35	162150.38	162150.38	0.02000
1542	1554	1555	1606	1605	3	150.00	0.35	162150.38	162150.38	0.02000
1543	1555	1556	1607	1606	3	150.00	0.35	162150.38	162150.38	0.02000
1544	1556	1557	1608	1607	3	150.00	0.35	162150.38	162150.38	0.02000
1545	1557	1558	1609	1608	3	150.00	0.35	162150.38	162150.38	0.02000
1546	1558	1559	1610	1609	3	150.00	0.35	162150.38	162150.38	0.02000
1547	1559	1560	1611	1610	3	150.00	0.35	162150.38	162150.38	0.02000
1548	1560	1561	1612	1611	3	150.00	0.35	162150.38	162150.38	0.02000
1549	1561	1562	1613	1612	3	150.00	0.35	162150.38	162150.38	0.02000
1550	1562	1563	1614	1613	3	150.00	0.35	162150.38	162150.38	0.02000
1551	1563	1564	1615	1614	3	150.00	0.35	162150.38	162150.38	0.02000
1552	1564	1565	1616	1615	3	150.00	0.35	162150.38	162150.38	0.02000
1553	1565	1566	1617	1616	3	150.00	0.35	162150.38	162150.38	0.02000
1554	1566	1567	1618	1617	3	150.00	0.35	162150.38	162150.38	0.02000
1555	1567	1568	1619	1618	3	150.00	0.35	162150.38	162150.38	0.02000
1556	1568	1569	1620	1619	3	150.00	0.35	162150.38	162150.38	0.02000
1557	1569	1570	1621	1620	3	150.00	0.35	162150.38	162150.38	0.02000
1558	1570	1571	1622	1621	3	150.00	0.35	162150.38	162150.38	0.02000
1559	1571	1572	1623	1622	3	150.00	0.35	162150.38	162150.38	0.02000
1560	1572	1573	1624	1623	3	150.00	0.35	162150.38	162150.38	0.02000
1561	1574	1575	1626	1625	1	140.00	0.37	69565.22	69565.22	0.02000
1562	1575	1576	1627	1626	1	140.00	0.37	69565.22	69565.22	0.02000
1563	1576	1577	1628	1627	1	140.00	0.37	69565.22	69565.22	0.02000
1564	1577	1578	1629	1628	1	140.00	0.37	69565.22	69565.22	0.02000
1565	1578	1579	1630	1629	1	140.00	0.37	69565.22	69565.22	0.02000
1566	1579	1580	1631	1630	1	140.00	0.37	69565.22	69565.22	0.02000
1567	1580	1581	1632	1631	1	140.00	0.37	69565.22	69565.22	0.02000
1568	1581	1582	1633	1632	1	140.00	0.37	69565.22	69565.22	0.02000
1569	1582	1583	1634	1633	2	145.00	0.35	103751.55	103751.55	0.02000
1570	1583	1584	1635	1634	2	145.00	0.35	103751.55	103751.55	0.02000
1571	1584	1585	1636	1635	2	145.00	0.35	103751.55	103751.55	0.02000
1572	1585	1586	1637	1636	2	145.00	0.35	103751.55	103751.55	0.02000
1573	1586	1587	1638	1637	2	145.00	0.35	103751.55	103751.55	0.02000
1574	1587	1588	1639	1638	3	150.00	0.35	162150.38	162150.38	0.02000
1575	1588	1589	1640	1639	3	150.00	0.35	162150.38	162150.38	0.02000
1576	1589	1590	1641	1640	3	150.00	0.35	162150.38	162150.38	0.02000
1577	1590	1591	1642	1641	3	150.00	0.35	162150.38	162150.38	0.02000
1578	1591	1592	1643	1642	3	150.00	0.35	162150.38	162150.38	0.02000
1579	1592	1593	1644	1643	3	150.00	0.35	162150.38	162150.38	0.02000
1580	1593	1594	1645	1644	3	150.00	0.35	162150.38	162150.38	0.02000
1581	1594	1595	1646	1645	3	150.00	0.35	162150.38	162150.38	0.02000
1582	1595	1596	1647	1646	3	150.00	0.35	162150.38	162150.38	0.02000
1583	1596	1597	1648	1647	3	150.00	0.35	162150.38	162150.38	0.02000
1584	1597	1598	1649	1648	3	150.00	0.35	162150.38	162150.38	0.02000
1585	1598	1599	1650	1649	3	150.00	0.35	162150.38	162150.38	0.02000
1586	1599	1600	1651	1650	3	150.00	0.35	162150.38	162150.38	0.02000
1587	1600	1601	1652	1651	3	150.00	0.35	162150.38	162150.38	0.02000
1588	1601	1602	1653	1652	3	150.00	0.35	162150.38	162150.38	0.02000
1589	1602	1603	1654	1653	3	150.00	0.35	162150.38	162150.38	0.02000
1590	1603	1604	1655	1654	3	150.00	0.35	162150.38	162150.38	0.02000
1591	1604	1605	1656	1655	3	150.00	0.35	162150.38	162150.38	0.02000
1592	1605	1606	1657	1656	3	150.00	0.35	162150.38	162150.38	0.02000
1593	1606	1607	1658	1657	3	150.00	0.35	162150.38	162150.38	0.02000
1594	1607	1608	1659	1658	3	150.00	0.35	162150.38	162150.38	0.02000
1595	1608	1609	1660	1659	3	150.00	0.35	162150.38	162150.38	0.02000
1596	1609	1610	1661	1660	3	150.00	0.35	162150.38	162150.38	0.02000
1597	1610	1611	1662	1661	3	150.00	0.35	162150.38	162150.38	0.02000
1598	1611	1612	1663	1662	3	150.00	0.35	162150.38	162150.38	0.02000
1599	1612	1613	1664	1663	3	150.00	0.35	162150.38	162150.38	0.02000
1600	1613	1614	1665	1664	3	150.00	0.35	162150.38	162150.38	0.02000
1601	1614	1615	1666	1665	3	150.00	0.35	162150.38	162150.38	0.02000
1602	1615	1616	1667	1666	3	150.00	0.35	162150.38	162150.38	0.02000
1603	1616	1617	1668	1667	3	150.00	0.35	162150.38	162150.38	0.02000
1604	1617	1618	1669	1668	3	150.00	0.35	162150.38	162150.38	0.02000
1605	1618	1619	1670	1669	3	150.00	0.35	162150.38	162150.38	0.02000
1606	1619	1620	1671	1670	3	150.00	0.35	162150.38	162150.38	0.02000
1607	1620	1621	1672	1671	3	150.00	0.35	162150.38	162150.38	0.02000
1608	1621	1622	1673	1672	3	150.00	0.35	162150.38	162150.38	0.02000
1609	1622	1623	1674	1673	3	150.00	0.35	162150.38	162150.38	0.02000
1610	1623	1624	1675	1674	3	150.00	0.35	162150.38	162150.38	0.02000
1611	1625	1626	1677	1676	1	140.00	0.37	69565.22	69565.22	0.02000
1612	1626	1627	1678	1677	1	140.00	0.37	69565.22	69565.22	0.02000
1613	1627	1628	1679	1678	1	140.00	0.37	69565.22	69565.22	0.02000
1614	1628	1629	1680	1679	1	140.00	0.37	69565.22	69565.22	0.02000
1615	1629	1630	1681	1680	1	140.00	0.37	69565.22	69565.22	0.02000
1616	1630	1631	1682	1681	1	140.00	0.37	69565.22	69565.22	0.02000
1617	1631	1632	1683	1682	1	140.00	0.37	69565.22	69565.22	0.02000
1618	1632	1633	1684	1683	1	140.00	0.37	69565.22	69565.22	0.02000
1619	1633	1634	1685	1684	2	145.00	0.35	103751.55	103751.55	0.02000
1620	1634	1635	1686	1685	2	145.00	0.35	103751.55	103751.55	0.02000
1621	1635	1636	1687	1686	2	145.00	0.35	103751.55	103751.55	0.02000
1622	1636	1637	1688	1687	2	145.00	0.35	103751.55	103751.55	0.02000
1623	1637	1638	1689	1688	2	145.00	0.35	103751.55	103751.55	0.02000
1624	1638	1639	1690	1689	3	150.00	0.35	162150.38	162150.38	0.02000
1625	1639	1640	1691	1690	3	150.00	0.35	162150.38	162150.38	0.02000
1626	1640	1641	1692	1691	3	150.00	0.35	162150.38	162150.38	0.02000
1627	1641	1642	1693	1692	3	150.00	0.35	162150.38	162150.38	0.02000
1628	1642	1643	1694	1693	3	150.00	0.35	162150.38	162150.38	0.02000
1629	1643	1644	1695	1694	3	150.00	0.35	162150.38	162150.38	0.02000
1630	1644	1645	1696	1695	3	150.00	0.35	162150.38	162150.38	0.02000
1631	1645	1646	1697	1696	3	150.00	0.35	162150.38	162150.38	0.02000
1632	1646	1647	1698	1697	3	150.00	0.35	162150.38	162150.38	0.02000
1633	1647	1648	1699	1698	3	150.00	0.35	162150.38	162150.38	0.02000
1634	1648	1649	1700	1699	3	150.00	0.35	162150.38	162150.38	0.02000
1635	1649	1650	1701	1700	3	150.00	0.35	162150.38	162150.38	0.02000
1636	1650	1651	1702	1701	3	150.00	0.35	162150.38	162150.38	0.02000
1637	1651	1652	1703	1702	3	150.00	0.35	162150.38	162150.38	0.02000
1638	1652	1653	1704	1703	3	150.00	0.35	162150.38	162150.38	0.02000
1639	1653	1654	1705	1704	3	150.00	0.35	162150.38	162150.38	0.02000
1640	1654	1655	1706	1705	3	150.00	0.35	162150.38	162150.38	0.02000
1641	1655	1656	1707	1706	3	150.00	0.35	162150.38	162150.38	0.02000
1642	1656	1657	1708	1707	3	150.00	0.35	162150.38	162150.38	0.02000
1643	1657	1658	1709	1708	3	150.00	0.35	162150.38	162150.38	0.02000
1644	1658	1659	1710	1709	3	150.00	0.35	162150.38	162150.38	0.02000
1645	1659	1660	1711	1710	3	150.00	0.35	162150.38	162150.38	0.02000
1646	1660	1661	1712	1711	3	150.00	0.35	162150.38	162150.38	0.02000
1647	1661	1662	1713	1712	3	150.00	0.35	162150.38	162150.38	0.02000
1648	1662	1663	1714	1713	3	150.00	0.35	162150.38	162150.38	0.02000
1649	1663	1664	1715	1714	3	150.00	0.35	162150.38	162150.38	0.02000
1650	1664	1665	1716	1715	3	150.00	0.35	162150.38	162150.38	0.02000
1651	1665	1666	1717	1716	3	150.00	0.35	162150.38	162150.38	0.02000
1652	1666	1667	1718	1717	3	150.00	0.35	162150.38	162150.38	0.02000
1653	1667	1668	1719	1718	3	150.00	0.35	162150.38	162150.38	0.02000
1654	1668	1669	1720	1719	3	150.00	0.35	162150.38	162150.38	0.02000
1655	1669	1670	1721	1720	3	150.00	0.35	162150.38	162150.38	0.02000
1656	1670	1671	1722	1721	3	150.00	0.35	162150.38	162150.38	0.02000
1657	1671	1672	1723	1722	3	150.00	0.35	162150.38	162150.38	0.02000
1658	1672	1673	1724	1723	3	150.00	0.35	162150.38	162150.38	0.02000
1659	1673	1674	1725	1724	3	150.00	0.35	162150.38	162150.38	0.02000
1660	1674	1675	1726	1725	3	150.00	0.35	162150.38	162150.38	0.02000
1661	1676	1677	1728	1727	1	140.00	0.37	69565.22	69565.22	0.02000
1662	1677	1678	1729	1728	1	140.00	0.37	69565.22	69565.22	0.02000
1663	1678	1679	1730	1729	1	140.00	0.37	69565.22	69565.22	0.02000
1664	1679	1680	1731	1730	1	140.00	0.37	69565.22	69565.22	0.02000
1665	1680	1681	1732	1731	1	140.00	0.37	69565.22	69565.22	0.02000
1666	1681	1682	1733	1732	1	140.00	0.37	69565.22	69565.22	0.02000
1667	1682	1683	1734	1733	1	140.00	0.37	69565.22	69565.22	0.02000
1668	1683	1684	1735	1734	1	140.00	0.37	69565.22	69565.22	0.02000
1669	1684	1685	1736	1735	2	145.00	0.35	103751.55	103751.55	0.02000
1670	1685	1686	1737	1736	2	145.00	0.35	103751.55	103751.55	0.02000
1671	1686	1687	1738	1737	2	145.00	0.35	103751.55	103751.55	0.02000
1672	1687	1688	1739	1738	2	145.00	0.35	103751.55	103751.55	0.02000
1673	1688	1689	1740	1739	2	145.00	0.35	103751.55	103751.55	0.02000
1674	1689	1690	1741	1740	3	150.00	0.35	162150.38	162150.38	0.02000
1675	1690	1691	1742	1741	3	150.00	0.35	162150.38	162150.38	0.02000
1676	1691	1692	1743	1742	3	150.00	0.35	162150.38	162150.38	0.02000
1677	1692	1693	1744	1743	3	150.00	0.35	162150.38	162150.38	0.02000
1678	1693	1694	1745	1744	3	150.00	0.35	162150.38	162150.38	0.02000
1679	1694	1695	1746	1745	3	150.00	0.35	162150.38	162150.38	0.02000
1680	1695	1696	1747	1746	3	150.00	0.35	162150.38	162150.38	0.02000
1681	1696	1697	1748	1747	3	150.00	0.35	162150.38	162150.38	0.02000
1682	1697	1698	1749	1748	3	150.00	0.35	162150.38	162150.38	0.02000
1683	1698	1699	1750	1749	3	150.00	0.35	162150.38	162150.38	0.02000
1684	1699	1700	1751	1750	3	150.00	0.35	162150.38	162150.38	0.02000
1685	1700	1701	1752	1751	3	150.00	0.35	162150.38	162150.38	0.02000
1686	1701	1702	1753	1752	3	150.00	0.35	162150.38	162150.38	0.02000
1687	1702	1703	1754	1753	3	150.00	0.35	162150.38	162150.38	0.02000
1688	1703	1704	1755	1754	3	150.00	0.35	162150.38	162150.38	0.02000
1689	1704	1705	1756	1755	3	150.00	0.35	162150.38	162150.38	0.02000
1690	1705	1706	1757	1756	3	150.00	0.35	162150.38	162150.38	0.02000
1691	1706	1707	1758	1757	3	150.00	0.35	162150.38	162150.38	0.02000
1692	1707	1708	1759	1758	3	150.00	0.35	162150.38	162150.38	0.02000
1693	1708	1709	1760	1759	3	150.00	0.35	162150.38	162150.38	0.02000
1694	1709	1710	1761	1760	3	150.00	0.35	162150.38	162150.38	0.02000
1695	1710	1711	1762	1761	3	150.00	0.35	162150.38	162150.38	0.02000
1696	1711	1712	1763	1762	3	150.00	0.35	162150.38	162150.38	0.02000
1697	1712	1713	1764	1763	3	150.00	0.35	162150.38	162150.38	0.02000
1698	1713	1714	1765	1764	3	150.00	0.35	162150.38	162150.38	0.02000
1699	1714	1715	1766	1765	3	150.00	0.35	162150.38	162150.38	0.02000
1700	1715	1716	1767	1766	3	150.00	0.35	162150.38	162150.38	0.02000
1701	1716	1717	1768	1767	3	150.00	0.35	162150.38	162150.38	0.02000
1702	1717	1718	1769	1768	3	150.00	0.35	162150.38	162150.38	0.02000
1703	1718	1719	1770	1769	3	150.00	0.35	162150.38	162150.38	0.02000
1704	1719	1720	1771	1770	3	150.00	0.35	162150.38	162150.38	0.02000
1705	1720	1721	1772	1771	3	150.00	0.35	162150.38	162150.38	0.02000
1706	1721	1722	1773	1772	3	150.00	0.35	162150.38	162150.38	0.02000
1707	1722	1723	1774	1773	3	150.00	0.35	162150.38	162150.38	0.02000
1708	1723	1724	1775	1774	3	150.00	0.35	162150.38	162150.38	0.02000
1709	1724	1725	1776	1775	3	150.00	0.35	162150.38	162150.38	0.02000
1710	1725	1726	1777	1776	3	150.00	0.35	162150.38	162150.38	0.02000
1711	1727	1728	1779	1778	1	140.00	0.37	69565.22	69565.22	0.02000
1712	1728	1729	1780	1779	1	140.00	0.37	69565.22	69565.22	0.02000
1713	1729	1730	1781	1780	1	140.00	0.37	69565.22	69565.22	0.02000
1714	1730	1731	1782	1781	1	140.00	0.37	69565.22	69565.22	0.02000
1715	1731	1732	1783	1782	1	140.00	0.37	69565.22	69565.22	0.02000
1716	1732	1733	1784	1783	1	140.00	0.37	69565.22	69565.22	0.02000
1717	1733	1734	1785	1784	1	140.00	0.37	69565.22	69565.22	0.02000
1718	1734	1735	1786	1785	1	140.00	0.37	69565.22	69565.22	0.02000
1719	1735	1736	1787	1786	2	145.00	0.35	103751.55	103751.55	0.02000
1720	1736	1737	1788	1787	2	145.00	0.35	103751.55	103751.55	0.02000
1721	1737	1738	1789	1788	2	145.00	0.35	103751.55	103751.55	0.02000
1722	1738	1739	1790	1789	2	145.00	0.35	103751.55	103751.55	0.02000
1723	1739	1740	1791	1790	2	145.00	0.35	103751.55	103751.55	0.02000
1724	1740	1741	1792	1791	3	150.00	0.35	162150.38	162150.38	0.02000
1725	1741	1742	1793	1792	3	150.00	0.35	162150.38	162150.38	0.02000
1726	1742	1743	1794	1793	3	150.00	0.35	162150.38	162150.38	0.02000
1727	1743	1744	1795	1794	3	150.00	0.35	162150.38	162150.38	0.02000
1728	1744	1745	1796	1795	3	150.00	0.35	162150.38	162150.38	0.02000
1729	1745	1746	1797	1796	3	150.00	0.35	162150.38	162150.38	0.02000
1730	1746	1747	1798	1797	3	150.00	0.35	162150.38	162150.38	0.02000
1731	1747	1748	1799	1798	3	150.00	0.35	162150.38	162150.38	0.02000
1732	1748	1749	1800	1799	3	150.00	0.35	162150.38	162150.38	0.02000
1733	1749	1750	1801	1800	3	150.00	0.35	162150.38	162150.38	0.02000
1734	1750	1751	1802	1801	3	150.00	0.35	162150.38	162150.38	0.02000
1735	1751	1752	1803	1802	3	150.00	0.35	162150.38	162150.38	0.02000
1736	1752	1753	1804	1803	3	150.00	0.35	162150.38	162150.38	0.02000
1737	1753	1754	1805	1804	3	150.00	0.35	162150.38	162150.38	0.02000
1738	1754	1755	1806	1805	3	150.00	0.35	162150.38	162150.38	0.02000
1739	1755	1756	1807	1806	3	150.00	0.35	162150.38	162150.38	0.02000
1740	1756	1757	1808	1807	3	150.00	0.35	162150.38	162150.38	0.02000

1741	1757	1758	1809	1808	3	150.00	0.35	162150.38	162150.38	0.02000
1742	1758	1759	1810	1809	3	150.00	0.35	162150.38	162150.38	0.02000
1743	1759	1760	1811	1810	3	150.00	0.35	162150.38	162150.38	0.02000
1744	1760	1761	1812	1811	3	150.00	0.35	162150.38	162150.38	0.02000
1745	1761	1762	1813	1812	3	150.00	0.35	162150.38	162150.38	0.02000
1746	1762	1763	1814	1813	3	150.00	0.35	162150.38	162150.38	0.02000
1747	1763	1764	1815	1814	3	150.00	0.35	162150.38	162150.38	0.02000
1748	1764	1765	1816	1815	3	150.00	0.35	162150.38	162150.38	0.02000
1749	1765	1766	1817	1816	3	150.00	0.35	162150.38	162150.38	0.02000
1750	1766	1767	1818	1817	3	150.00	0.35	162150.38	162150.38	0.02000
1751	1767	1768	1819	1818	3	150.00	0.35	162150.38	162150.38	0.02000
1752	1768	1769	1820	1819	3	150.00	0.35	162150.38	162150.38	0.02000
1753	1769	1770	1821	1820	3	150.00	0.35	162150.38	162150.38	0.02000
1754	1770	1771	1822	1821	3	150.00	0.35	162150.38	162150.38	0.02000
1755	1771	1772	1823	1822	3	150.00	0.35	162150.38	162150.38	0.02000
1756	1772	1773	1824	1823	3	150.00	0.35	162150.38	162150.38	0.02000
1757	1773	1774	1825	1824	3	150.00	0.35	162150.38	162150.38	0.02000
1758	1774	1775	1826	1825	3	150.00	0.35	162150.38	162150.38	0.02000
1759	1775	1776	1827	1826	3	150.00	0.35	162150.38	162150.38	0.02000
1760	1776	1777	1828	1827	3	150.00	0.35	162150.38	162150.38	0.02000
1761	1830	1829	1778	1778	1	140.00	0.37	69565.22	69565.22	0.02000
1762	1778	1779	1831	1830	1	140.00	0.37	69565.22	69565.22	0.02000
1763	1779	1780	1832	1831	1	140.00	0.37	69565.22	69565.22	0.02000
1764	1780	1781	1833	1832	1	140.00	0.37	69565.22	69565.22	0.02000
1765	1781	1782	1834	1833	1	140.00	0.37	69565.22	69565.22	0.02000
1766	1782	1783	1835	1834	1	140.00	0.37	69565.22	69565.22	0.02000
1767	1783	1784	1836	1835	1	140.00	0.37	69565.22	69565.22	0.02000
1768	1784	1785	1837	1836	1	140.00	0.37	69565.22	69565.22	0.02000
1769	1785	1786	1838	1837	2	145.00	0.35	103751.55	103751.55	0.02000
1770	1786	1787	1839	1838	2	145.00	0.35	103751.55	103751.55	0.02000
1771	1787	1788	1840	1839	2	145.00	0.35	103751.55	103751.55	0.02000
1772	1788	1789	1841	1840	2	145.00	0.35	103751.55	103751.55	0.02000
1773	1789	1790	1842	1841	2	145.00	0.35	103751.55	103751.55	0.02000
1774	1790	1791	1843	1842	3	150.00	0.35	162150.38	162150.38	0.02000
1775	1791	1792	1844	1843	3	150.00	0.35	162150.38	162150.38	0.02000
1776	1792	1793	1845	1844	3	150.00	0.35	162150.38	162150.38	0.02000
1777	1793	1794	1846	1845	3	150.00	0.35	162150.38	162150.38	0.02000
1778	1794	1795	1847	1846	3	150.00	0.35	162150.38	162150.38	0.02000
1779	1795	1796	1848	1847	3	150.00	0.35	162150.38	162150.38	0.02000
1780	1796	1797	1849	1848	3	150.00	0.35	162150.38	162150.38	0.02000
1781	1797	1798	1850	1849	3	150.00	0.35	162150.38	162150.38	0.02000
1782	1798	1799	1851	1850	3	150.00	0.35	162150.38	162150.38	0.02000
1783	1799	1800	1852	1851	3	150.00	0.35	162150.38	162150.38	0.02000
1784	1800	1801	1853	1852	3	150.00	0.35	162150.38	162150.38	0.02000
1785	1801	1802	1854	1853	3	150.00	0.35	162150.38	162150.38	0.02000
1786	1802	1803	1855	1854	3	150.00	0.35	162150.38	162150.38	0.02000
1787	1803	1804	1856	1855	3	150.00	0.35	162150.38	162150.38	0.02000
1788	1804	1805	1857	1856	3	150.00	0.35	162150.38	162150.38	0.02000
1789	1805	1806	1858	1857	3	150.00	0.35	162150.38	162150.38	0.02000
1790	1806	1807	1859	1858	3	150.00	0.35	162150.38	162150.38	0.02000
1791	1807	1808	1860	1859	3	150.00	0.35	162150.38	162150.38	0.02000
1792	1808	1809	1861	1860	3	150.00	0.35	162150.38	162150.38	0.02000
1793	1809	1810	1862	1861	3	150.00	0.35	162150.38	162150.38	0.02000
1794	1810	1811	1863	1862	3	150.00	0.35	162150.38	162150.38	0.02000
1795	1811	1812	1864	1863	3	150.00	0.35	162150.38	162150.38	0.02000
1796	1812	1813	1865	1864	3	150.00	0.35	162150.38	162150.38	0.02000
1797	1813	1814	1866	1865	3	150.00	0.35	162150.38	162150.38	0.02000
1798	1814	1815	1867	1866	3	150.00	0.35	162150.38	162150.38	0.02000
1799	1815	1816	1868	1867	3	150.00	0.35	162150.38	162150.38	0.02000
1800	1816	1817	1869	1868	3	150.00	0.35	162150.38	162150.38	0.02000
1801	1817	1818	1870	1869	3	150.00	0.35	162150.38	162150.38	0.02000
1802	1818	1819	1871	1870	3	150.00	0.35	162150.38	162150.38	0.02000
1803	1819	1820	1872	1871	3	150.00	0.35	162150.38	162150.38	0.02000
1804	1820	1821	1873	1872	3	150.00	0.35	162150.38	162150.38	0.02000
1805	1821	1822	1874	1873	3	150.00	0.35	162150.38	162150.38	0.02000
1806	1822	1823	1875	1874	3	150.00	0.35	162150.38	162150.38	0.02000
1807	1823	1824	1876	1875	3	150.00	0.35	162150.38	162150.38	0.02000
1808	1824	1825	1877	1876	3	150.00	0.35	162150.38	162150.38	0.02000
1809	1825	1826	1878	1877	3	150.00	0.35	162150.38	162150.38	0.02000
1810	1826	1827	1879	1878	3	150.00	0.35	162150.38	162150.38	0.02000
1811	1827	1828	1880	1879	3	150.00	0.35	162150.38	162150.38	0.02000
1812	1882	1881	1829	1829	1	140.00	0.37	69565.22	69565.22	0.02000
1813	1829	1830	1883	1882	1	140.00	0.37	69565.22	69565.22	0.02000
1814	1830	1831	1884	1883	1	140.00	0.37	69565.22	69565.22	0.02000
1815	1831	1832	1885	1884	1	140.00	0.37	69565.22	69565.22	0.02000
1816	1832	1833	1886	1885	1	140.00	0.37	69565.22	69565.22	0.02000
1817	1833	1834	1887	1886	1	140.00	0.37	69565.22	69565.22	0.02000
1818	1834	1835	1888	1887	1	140.00	0.37	69565.22	69565.22	0.02000
1819	1835	1836	1889	1888	1	140.00	0.37	69565.22	69565.22	0.02000
1820	1836	1837	1890	1889	2	145.00	0.35	103751.55	103751.55	0.02000
1821	1837	1838	1891	1890	2	145.00	0.35	103751.55	103751.55	0.02000
1822	1838	1839	1892	1891	2	145.00	0.35	103751.55	103751.55	0.02000
1823	1839	1840	1893	1892	2	145.00	0.35	103751.55	103751.55	0.02000
1824	1840	1841	1894	1893	2	145.00	0.35	103751.55	103751.55	0.02000
1825	1841	1842	1895	1894	3	150.00	0.35	162150.38	162150.38	0.02000
1826	1842	1843	1896	1895	3	150.00	0.35	162150.38	162150.38	0.02000
1827	1843	1844	1897	1896	3	150.00	0.35	162150.38	162150.38	0.02000
1828	1844	1845	1898	1897	3	150.00	0.35	162150.38	162150.38	0.02000
1829	1845	1846	1899	1898	3	150.00	0.35	162150.38	162150.38	0.02000
1830	1846	1847	1900	1899	3	150.00	0.35	162150.38	162150.38	0.02000
1831	1847	1848	1901	1900	3	150.00	0.35	162150.38	162150.38	0.02000
1832	1848	1849	1902	1901	3	150.00	0.35	162150.38	162150.38	0.02000
1833	1849	1850	1903	1902	3	150.00	0.35	162150.38	162150.38	0.02000
1834	1850	1851	1904	1903	3	150.00	0.35	162150.38	162150.38	0.02000
1835	1851	1852	1905	1904	3	150.00	0.35	162150.38	162150.38	0.02000
1836	1852	1853	1906	1905	3	150.00	0.35	162150.38	162150.38	0.02000
1837	1853	1854	1907	1906	3	150.00	0.35	162150.38	162150.38	0.02000
1838	1854	1855	1908	1907	3	150.00	0.35	162150.38	162150.38	0.02000
1839	1855	1856	1909	1908	3	150.00	0.35	162150.38	162150.38	0.02000
1840	1856	1857	1910	1909	3	150.00	0.35	162150.38	162150.38	0.02000
1841	1857	1858	1911	1910	3	150.00	0.35	162150.38	162150.38	0.02000
1842	1858	1859	1912	1911	3	150.00	0.35	162150.38	162150.38	0.02000
1843	1859	1860	1913	1912	3	150.00	0.35	162150.38	162150.38	0.02000
1844	1860	1861	1914	1913	3	150.00	0.35	162150.38	162150.38	0.02000
1845	1861	1862	1915	1914	3	150.00	0.35	162150.38	162150.38	0.02000
1846	1862	1863	1916	1915	3	150.00	0.35	162150.38	162150.38	0.02000
1847	1863	1864	1917	1916	3	150.00	0.35	162150.38	162150.38	0.02000
1848	1864	1865	1918	1917	3	150.00	0.35	162150.38	162150.38	0.02000
1849	1865	1866	1919	1918	3	150.00	0.35	162150.38	162150.38	0.02000
1850	1866	1867	1920	1919	3	150.00	0.35	162150.38	162150.38	0.02000
1851	1867	1868	1921	1920	3	150.00	0.35	162150.38	162150.38	0.02000
1852	1868	1869	1922	1921	3	150.00	0.35	162150.38	162150.38	0.02000
1853	1869	1870	1923	1922	3	150.00	0.35	162150.38	162150.38	0.02000
1854	1870	1871	1924	1923	3	150.00	0.35	162150.38	162150.38	0.02000
1855	1871	1872	1925	1924	3	150.00	0.35	162150.38	162150.38	0.02000
1856	1872	1873	1926	1925	3	150.00	0.35	162150.38	162150.38	0.02000
1857	1873	1874	1927	1926	3	150.00	0.35	162150.38	162150.38	0.02000
1858	1874	1875	1928	1927	3	150.00	0.35	162150.38	162150.38	0.02000
1859	1875	1876	1929	1928	3	150.00	0.35	162150.38	162150.38	0.02000
1860	1876	1877	1930	1929	3	150.00	0.35	162150.38	162150.38	0.02000
1861	1877	1878	1931	1930	3	150.00	0.35	162150.38	162150.38	0.02000
1862	1878	1879	1932	1931	3	150.00	0.35	162150.38	162150.38	0.02000
1863	1879	1880	1933	1932	3	150.00	0.35	162150.38	162150.38	0.02000
1864	1935	1934	1881	1881	1	140.00	0.37	69565.22	69565.22	0.02000
1865	1881	1882	1936	1935	1	140.00	0.37	69565.22	69565.22	0.02000
1866	1882	1883	1937	1936	1	140.00	0.37	69565.22	69565.22	0.02000
1867	1883	1884	1938	1937	1	140.00	0.37	69565.22	69565.22	0.02000
1868	1884	1885	1939	1938	1	140.00	0.37	69565.22	69565.22	0.02000
1869	1885	1886	1940	1939	1	140.00	0.37	69565.22	69565.22	0.02000
1870	1886	1887	1941	1940	1	140.00	0.37	69565.22	69565.22	0.02000
1871	1887	1888	1942	1941	1	140.00	0.37	69565.22	69565.22	0.02000
1872	1888	1889	1943	1942	2	145.00	0.35	103751.55	103751.55	0.02000
1873	1889	1890	1944	1943	2	145.00	0.35	103751.55	103751.55	0.02000
1874	1890	1891	1945	1944	2	145.00	0.35	103751.55	103751.55	0.02000
1875	1891	1892	1946	1945	2	145.00	0.35	103751.55	103751.55	0.02000
1876	1892	1893	1947	1946	2	145.00	0.35	103751.55	103751.55	0.02000
1877	1893	1894	1948	1947	3	150.00	0.35	162150.38	162150.38	0.02000
1878	1894	1895	1949	1948	3	150.00	0.35	162150.38	162150.38	0.02000
1879	1895	1896	1950	1949	3	150.00	0.35	162150.38	162150.38	0.02000
1880	1896	1897	1951	1950	3	150.00	0.35	162150.38	162150.38	0.02000
1881	1897	1898	1952	1951	3	150.00	0.35	162150.38	162150.38	0.02000
1882	1898	1899	1953	1952	3	150.00	0.35	162150.38	162150.38	0.02000
1883	1899	1900	1954	1953	3	150.00	0.35	162150.38	162150.38	0.02000
1884	1900	1901	1955	1954	3	150.00	0.35	162150.38	162150.38	0.02000
1885	1901	1902	1956	1955	3	150.00	0.35	162150.38	162150.38	0.02000
1886	1902	1903	1957	1956	3	150.00	0.35	162150.38	162150.38	0.02000
1887	1903	1904	1958	1957	3	150.00	0.35	162150.38	162150.38	0.02000
1888	1904	1905	1959	1958	3	150.00	0.35	162150.38	162150.38	0.02000
1889	1905	1906	1960	1959	3	150.00	0.35	162150.38	162150.38	0.02000
1890	1906	1907	1961	1960	3	150.00	0.35	162150.38	162150.38	0.02000
1891	1907	1908	1962	1961	3	150.00	0.35	162150.38	162150.38	0.02000
1892	1908	1909	1963	1962	3	150.00	0.35	162150.38	162150.38	0.02000
1893	1909	1910	1964	1963	3	150.00	0.35	162150.38	162150.38	0.02000
1894	1910	1911	1965	1964	3	150.00	0.35	162150.38	162150.38	0.02000
1895	1911	1912	1966	1965	3	150.00	0.35	162150.38	162150.38	0.02000
1896	1912	1913	1967	1966	3	150.00	0.35	162150.38	162150.38	0.02000
1897	1913	1914	1968	1967	3	150.00	0.35	162150.38	162150.38	0.02000
1898	1914	1915	1969	1968	3	150.00	0.35	162150.38	162150.38	0.02000
1899	1915	1916	1970	1969	3	150.00	0.35	162150.38	162150.38	0.02000
1900	1916	1917	1971	1970	3	150.00	0.35	162150.38	162150.38	0.02000
1901	1917	1918	1972	1971	3	150.00	0.35	162150.38	162150.38	0.02000
1902	1918	1919	1973	1972	3	150.00	0.35	162150.38	162150.38	0.02000
1903	1919	1920	1974	1973	3	150.00	0.35	162150.38	162150.38	0.02000
1904	1920	1921	1975	1974	3	150.00	0.35	162150.38	162150.38	0.02000
1905	1921	1922	1976	1975	3	150.00	0.35	162150.38	162150.38	0.02000
1906	1922	1923	1977	1976	3	150.00	0.35	162150.38	162150.38	0.02000
1907	1923	1924	1978	1977	3	150.00	0.35	162150.38	162150.38	0.02000
1908	1924	1925	1979	1978	3	150.00	0.35	162150.38	162150.38	0.02000
1909	1925	1926	1980	1979	3	150.00	0.35	162150.38	162150.38	0.02000
1910	1926	1927	1981	1980	3	150.00	0.35	162150.38	162150.38	0.02000
1911	1927	1928	1982	1981	3	150.00	0.35	162150.38	162150.38	0.02000
1912	1928	1929	1983	1982	3	150.00	0.35	162150.38	162150.38	0.02000
1913	1929	1930	1984	1983	3	150.00	0.35	162150.38	162150.38	0.02000
1914	1930	1931	1985	1984	3	150.00	0.35	162150.38	162150.38	0.02000
1915	1931	1932	1986	1985	3	150.00	0.35	162150.38	162150.38	0.02000
1916	1932	1933	1987	1986	3	150.00	0.35	162150.38	162150.38	0.02000
1917	1989	1988	1934	1934	1	140.00	0.37	69565.22	69565.22	0.02000
1918	1934	1935	1990	1989	1	140.00	0.37	69565.22	69565.22	0.02000
1919	1935	1936	1991	1990	1	140.00	0.37	69565.22	69565.22	0.02000
1920	1936	1937	1992	1991	1	140.00	0.37	69565.22	69565.22	0.02000
1921	1937	1938	1993	1992	1	140.00	0.37	69565.22	69565.22	0.02000
1922	1938	1939	1994	1993	1	140.00	0.37	69565.22	69565.22	0.02000
1923	1939	1940	1995	1994	1	140.00	0.37	69565.22	69565.22	0.02000
1924	1940	1941	1996	1995	1	140.00	0.37	69565.22	69565.22	0.02000
1925	1941	1942	1997	1996	2	145.00	0.35	103751.55	103751.55	0.02000
1926	1942	1943	1998	1997	2	145.00	0.35	103751.55	103751.55	0.02000
1927	1943	1944	1999	1998	2	145.00	0.35	103751.55	103751.55	0.02000
1928	1944	1945	2000	1999	2	145.00	0.35	103751.55	103751.55	0.02000
1929	1945	1946	2001	2000	2	145.00	0.35	103751.55	103751.55	0.02000
1930	1946	1947	2002	2001	3	150.00	0.35	162150.38	162150.38	0.02000
1931	1947	1948	2003	2002	3	150.00	0.35	162150.38	162150.38	0.02000
1932	1948	1949	2004	2003	3	150.00	0.35	162150.38	162150.38	0.02000
1933	1949	1950	2005	2004	3	150.00	0.35	162150.38	162150.38	0.02000
1934	1950	1951	2006	2005	3	150.00	0.35	162150.38	162150.38	0.02000
1935	1951	1952	2007	2006	3	150.00	0.35	162150.38	162150.38	0.02000
1936	1952	1953	2008	2007	3	150.00	0.35	162150.38	162150.38	0.02000
1937	1953	1954	2009	2008	3	150.00	0.35	162150.38	162150.38	0.02000
1938	1954	1955	2010	2009	3	150.00	0.35	162150.38	162150.38	0.02000
1939	1955	1956	2011	2010	3	150.00	0.35	162150.38	162150.38	0.02000
1940	1956	1957	2012	2011	3	150.00	0.35	162150.38	162150.38	0.02000
1941	1957	1958	2013	2012	3	150.00	0.35	162150.38	162150.38	0.02000
1942	1958	1959	2014	2013	3	150.00	0.35	162150.38	162150.38	0.02000
1943	1959	1960	2015	2014	3	150.00	0.35	162150.38	162150.38	0.02000
1944	1960	1961	2016	2015	3	150.00	0.35	162150.38	162150.38	0.02000
1945	1961	1962	2017	2016	3	150.00	0.35	162150.38	162150.38	0.02000
1946	1962	1963	2018	2017	3	150.00	0.35	162150.38	162150.38	0.02000
1947	1963	1964	2019	2018	3	150.00	0.35	162150.38	162150.38	0.02000
1948	1964	1965	2020	2019	3	150.00	0.35	162150.38	162150.38	0.02000
1949	1965	1966	2021	2020	3	150.00	0.35	162150.38	162150.38	0.02000
1950	1966	1967	2022	2021	3	150.00	0.35	162150.38	162150.38	0.02000
1951	1967	1968	2023	2022	3	150.00	0.35	162150.38	162150.38	0.02000
1952	1968	1969	2024	2023	3	150.00	0.35	162150.38	162150.38	0.02000
1953	1969	1970	2025	2024	3	150.00	0.35	162150.38	162150.38	0.02000
1954	1970	1971	2026	2025	3	150.00	0.35	162150.38	162150.38	0.02000
1955	1971	1972	2027	2026	3	150.00	0.35	162150.38	162150.38	0.02000
1956	1972	1973	2028	2027	3	150.00	0.35	162150.38	162150.38	0.02000
1957	1973	1974	2029	2028	3	150.00	0.35	162150.38	162150.38	0.02000
1958	1974	1975	2030	2029	3	150.00	0.35	162150.38	162150.38	0.02000
1959	1975	1976	2031	2030	3	150.00	0.35	162150.38	162150.38	0.02000
1960	1976	1977	2032	2031	3	150.00	0.35	162150.38	162150.38	0.02000
1961	1977	1978	2033	2032	3	150.00	0.35	162150.38	162150.38	0.02000
1962	1978	1979	2034	2033	3	150.00	0.35	162150.38	162150.38	0.02000
1963	1979	1980	2035	2034	3	150.00	0.35	162150.38	162150.38	0.02000
1964	1980	1981	2036	2035	3	150.00	0.35	162150.38	162150.38	0.02000
1965	1981	1982	2037	2036	3	150.00	0.35	162150.38	162150.38	0.02000
1966	1982	1983	2038	2037	3	150.00	0.35	162150.38	162150.38	0.02000
1967	1983	1984	2039	2038	3	150.00	0.35	162150.38	162150.38	0.02000
1968	1984	1985	2040	2039	3	150.00	0.35	162150.38	162150.38	0.02000
1969	1985	1986	2041	2040	3	150.00	0.35	162150.38	162150.38	0.02000
1970	1986	1987	2042	2041	3	150.00	0.35	162150.38	162150.38	0.02000
1971	2044	2043	1988	1988	1	140.00	0.37	69565.22	69565.22	0.02000
1972	1988	1989	2045	2044	1	140.00	0.37	69565.22	69565.22	0.02000
1973	1989	1990	2046	2045	1	140.00	0.37	69565.22	69565.22	0.02000
1974	1990	1991	2047	2046	1	140.00	0.37	69565.22	69565.22	0.02000
1975	1991	1992	2048	2047	1	140.00	0.37	69565.22	69565.22	0.02000
1976	1992	1993	2049	2048	1	140.00	0.37	69565.22	69565.22	0.02000
1977	1993	1994	2050	2049	1	140.00	0.37	69565.22	69565.22	0.02000
1978	1994	1995	2051	2050	1	140.00	0.37	69565.22	69565.22	0.02000
1979	1995	1996	2052	2051	2	145.00	0.35	103751.55	103751.55	0.02000
1980	1996	1997	2053	2052	2	145.00	0.35	103751.55	103751.55	0.02000
1981	1997	1998	2054	2053	2	145.00	0.35	103751.55	103751.55	0.02000
1982	1998	1999	2055	2054	2	145.00	0.35	103751.55	103751.55	0.02000
1983	1999	2000	2056	2055	2	145.00	0.35	103751.55	103751.55	0.02000
1984	2000	2001	2057	2056	3	150.00	0.35	162150.38	162150.38	0.02000
1985	2001	2002	2058	2057	3	150.00	0.35	162150.38	162150.38	0.02000
1986	2002	2003	2059	2058	3	150.00	0.35	162150.38	162150.38	0.02000
1987	2003	2004	2060	2059	3	150.00	0.35	162150.38	162150.38	0.02000
1988	2004	2005	2061	2060	3	150.00	0.35	162150.38	162150.38	0.02000
1989	2005	2006	2062	2061	3	150.00	0.35	162150.38	162150.38	0.02000
1990	2006	2007	2063	2062	3	150.00	0.35	162150.38	162150.38	0.02000
1991	2007	2008	2064	2063	3	150.00	0.35	162150.38	162150.38	0.02000
1992	2008	2009	2065	2064	3	150.00	0.35	162150.38	162150.38	0.02000
1993	2009	2010	2066	2065	3	150.00	0.35	162150.38	162150.38	0.02000
1994	2010	2011	2067	2066	3	150.00	0.35	162150.38	162150.38	0.02000

1995	2011	2012	2068	2067	3	150.00	0.35	162150.38	162150.38	0.02000
1996	2012	2013	2069	2068	3	150.00	0.35	162150.38	162150.38	0.02000
1997	2013	2014	2070	2069	3	150.00	0.35	162150.38	162150.38	0.02000
1998	2014	2015	2071	2070	3	150.00	0.35	162150.38	162150.38	0.02000
1999	2015	2016	2072	2071	3	150.00	0.35	162150.38	162150.38	0.02000
2000	2016	2017	2073	2072	3	150.00	0.35	162150.38	162150.38	0.02000
2001	2017	2018	2074	2073	3	150.00	0.35	162150.38	162150.38	0.02000
2002	2018	2019	2075	2074	3	150.00	0.35	162150.38	162150.38	0.02000
2003	2019	2020	2076	2075	3	150.00	0.35	162150.38	162150.38	0.02000
2004	2020	2021	2077	2076	3	150.00	0.35	162150.38	162150.38	0.02000
2005	2021	2022	2078	2077	3	150.00	0.35	162150.38	162150.38	0.02000
2006	2022	2023	2079	2078	3	150.00	0.35	162150.38	162150.38	0.02000
2007	2023	2024	2080	2079	3	150.00	0.35	162150.38	162150.38	0.02000
2008	2024	2025	2081	2080	3	150.00	0.35	162150.38	162150.38	0.02000
2009	2025	2026	2082	2081	3	150.00	0.35	162150.38	162150.38	0.02000
2010	2026	2027	2083	2082	3	150.00	0.35	162150.38	162150.38	0.02000
2011	2027	2028	2084	2083	3	150.00	0.35	162150.38	162150.38	0.02000
2012	2028	2029	2085	2084	3	150.00	0.35	162150.38	162150.38	0.02000
2013	2029	2030	2086	2085	3	150.00	0.35	162150.38	162150.38	0.02000
2014	2030	2031	2087	2086	3	150.00	0.35	162150.38	162150.38	0.02000
2015	2031	2032	2088	2087	3	150.00	0.35	162150.38	162150.38	0.02000
2016	2032	2033	2089	2088	3	150.00	0.35	162150.38	162150.38	0.02000
2017	2033	2034	2090	2089	3	150.00	0.35	162150.38	162150.38	0.02000
2018	2034	2035	2091	2090	3	150.00	0.35	162150.38	162150.38	0.02000
2019	2035	2036	2092	2091	3	150.00	0.35	162150.38	162150.38	0.02000
2020	2036	2037	2093	2092	3	150.00	0.35	162150.38	162150.38	0.02000
2021	2037	2038	2094	2093	3	150.00	0.35	162150.38	162150.38	0.02000
2022	2038	2039	2095	2094	3	150.00	0.35	162150.38	162150.38	0.02000
2023	2039	2040	2096	2095	3	150.00	0.35	162150.38	162150.38	0.02000
2024	2040	2041	2097	2096	3	150.00	0.35	162150.38	162150.38	0.02000
2025	2041	2042	2098	2097	3	150.00	0.35	162150.38	162150.38	0.02000
2026	2043	2044	2100	2099	1	140.00	0.37	69565.22	69565.22	0.02000
2027	2044	2045	2101	2100	1	140.00	0.37	69565.22	69565.22	0.02000
2028	2045	2046	2102	2101	1	140.00	0.37	69565.22	69565.22	0.02000
2029	2046	2047	2103	2102	1	140.00	0.37	69565.22	69565.22	0.02000
2030	2047	2048	2104	2103	1	140.00	0.37	69565.22	69565.22	0.02000
2031	2048	2049	2105	2104	1	140.00	0.37	69565.22	69565.22	0.02000
2032	2049	2050	2106	2105	1	140.00	0.37	69565.22	69565.22	0.02000
2033	2050	2051	2107	2106	1	140.00	0.37	69565.22	69565.22	0.02000
2034	2051	2052	2108	2107	2	145.00	0.35	103751.55	103751.55	0.02000
2035	2052	2053	2109	2108	2	145.00	0.35	103751.55	103751.55	0.02000
2036	2053	2054	2110	2109	2	145.00	0.35	103751.55	103751.55	0.02000
2037	2054	2055	2111	2110	2	145.00	0.35	103751.55	103751.55	0.02000
2038	2055	2056	2112	2111	2	145.00	0.35	103751.55	103751.55	0.02000
2039	2056	2057	2113	2112	3	150.00	0.35	162150.38	162150.38	0.02000
2040	2057	2058	2114	2113	3	150.00	0.35	162150.38	162150.38	0.02000
2041	2058	2059	2115	2114	3	150.00	0.35	162150.38	162150.38	0.02000
2042	2059	2060	2116	2115	3	150.00	0.35	162150.38	162150.38	0.02000
2043	2060	2061	2117	2116	3	150.00	0.35	162150.38	162150.38	0.02000
2044	2061	2062	2118	2117	3	150.00	0.35	162150.38	162150.38	0.02000
2045	2062	2063	2119	2118	3	150.00	0.35	162150.38	162150.38	0.02000
2046	2063	2064	2120	2119	3	150.00	0.35	162150.38	162150.38	0.02000
2047	2064	2065	2121	2120	3	150.00	0.35	162150.38	162150.38	0.02000
2048	2065	2066	2122	2121	3	150.00	0.35	162150.38	162150.38	0.02000
2049	2066	2067	2123	2122	3	150.00	0.35	162150.38	162150.38	0.02000
2050	2067	2068	2124	2123	3	150.00	0.35	162150.38	162150.38	0.02000
2051	2068	2069	2125	2124	3	150.00	0.35	162150.38	162150.38	0.02000
2052	2069	2070	2126	2125	3	150.00	0.35	162150.38	162150.38	0.02000
2053	2070	2071	2127	2126	3	150.00	0.35	162150.38	162150.38	0.02000
2054	2071	2072	2128	2127	3	150.00	0.35	162150.38	162150.38	0.02000
2055	2072	2073	2129	2128	3	150.00	0.35	162150.38	162150.38	0.02000
2056	2073	2074	2130	2129	3	150.00	0.35	162150.38	162150.38	0.02000
2057	2074	2075	2131	2130	3	150.00	0.35	162150.38	162150.38	0.02000
2058	2075	2076	2132	2131	3	150.00	0.35	162150.38	162150.38	0.02000
2059	2076	2077	2133	2132	3	150.00	0.35	162150.38	162150.38	0.02000
2060	2077	2078	2134	2133	3	150.00	0.35	162150.38	162150.38	0.02000
2061	2078	2079	2135	2134	3	150.00	0.35	162150.38	162150.38	0.02000
2062	2079	2080	2136	2135	3	150.00	0.35	162150.38	162150.38	0.02000
2063	2080	2081	2137	2136	3	150.00	0.35	162150.38	162150.38	0.02000
2064	2081	2082	2138	2137	3	150.00	0.35	162150.38	162150.38	0.02000
2065	2082	2083	2139	2138	3	150.00	0.35	162150.38	162150.38	0.02000
2066	2083	2084	2140	2139	3	150.00	0.35	162150.38	162150.38	0.02000
2067	2084	2085	2141	2140	3	150.00	0.35	162150.38	162150.38	0.02000
2068	2085	2086	2142	2141	3	150.00	0.35	162150.38	162150.38	0.02000
2069	2086	2087	2143	2142	3	150.00	0.35	162150.38	162150.38	0.02000
2070	2087	2088	2144	2143	3	150.00	0.35	162150.38	162150.38	0.02000
2071	2088	2089	2145	2144	3	150.00	0.35	162150.38	162150.38	0.02000
2072	2089	2090	2146	2145	3	150.00	0.35	162150.38	162150.38	0.02000
2073	2090	2091	2147	2146	3	150.00	0.35	162150.38	162150.38	0.02000
2074	2091	2092	2148	2147	3	150.00	0.35	162150.38	162150.38	0.02000
2075	2092	2093	2149	2148	3	150.00	0.35	162150.38	162150.38	0.02000
2076	2093	2094	2150	2149	3	150.00	0.35	162150.38	162150.38	0.02000
2077	2094	2095	2151	2150	3	150.00	0.35	162150.38	162150.38	0.02000
2078	2095	2096	2152	2151	3	150.00	0.35	162150.38	162150.38	0.02000
2079	2096	2097	2153	2152	3	150.00	0.35	162150.38	162150.38	0.02000
2080	2097	2098	2154	2153	3	150.00	0.35	162150.38	162150.38	0.02000
2081	2099	2100	2156	2155	1	140.00	0.37	69565.22	69565.22	0.02000
2082	2100	2101	2157	2156	1	140.00	0.37	69565.22	69565.22	0.02000
2083	2101	2102	2158	2157	1	140.00	0.37	69565.22	69565.22	0.02000
2084	2102	2103	2159	2158	1	140.00	0.37	69565.22	69565.22	0.02000
2085	2103	2104	2160	2159	1	140.00	0.37	69565.22	69565.22	0.02000
2086	2104	2105	2161	2160	1	140.00	0.37	69565.22	69565.22	0.02000
2087	2105	2106	2162	2161	1	140.00	0.37	69565.22	69565.22	0.02000
2088	2106	2107	2163	2162	1	140.00	0.37	69565.22	69565.22	0.02000
2089	2107	2108	2164	2163	2	145.00	0.35	103751.55	103751.55	0.02000
2090	2108	2109	2165	2164	2	145.00	0.35	103751.55	103751.55	0.02000
2091	2109	2110	2166	2165	2	145.00	0.35	103751.55	103751.55	0.02000
2092	2110	2111	2167	2166	2	145.00	0.35	103751.55	103751.55	0.02000
2093	2111	2112	2168	2167	2	145.00	0.35	103751.55	103751.55	0.02000
2094	2112	2113	2169	2168	3	150.00	0.35	162150.38	162150.38	0.02000
2095	2113	2114	2170	2169	3	150.00	0.35	162150.38	162150.38	0.02000
2096	2114	2115	2171	2170	3	150.00	0.35	162150.38	162150.38	0.02000
2097	2115	2116	2172	2171	3	150.00	0.35	162150.38	162150.38	0.02000
2098	2116	2117	2173	2172	3	150.00	0.35	162150.38	162150.38	0.02000
2099	2117	2118	2174	2173	3	150.00	0.35	162150.38	162150.38	0.02000
2100	2118	2119	2175	2174	3	150.00	0.35	162150.38	162150.38	0.02000
2101	2119	2120	2176	2175	3	150.00	0.35	162150.38	162150.38	0.02000
2102	2120	2121	2177	2176	3	150.00	0.35	162150.38	162150.38	0.02000
2103	2121	2122	2178	2177	3	150.00	0.35	162150.38	162150.38	0.02000
2104	2122	2123	2179	2178	3	150.00	0.35	162150.38	162150.38	0.02000
2105	2123	2124	2180	2179	3	150.00	0.35	162150.38	162150.38	0.02000
2106	2124	2125	2181	2180	3	150.00	0.35	162150.38	162150.38	0.02000
2107	2125	2126	2182	2181	3	150.00	0.35	162150.38	162150.38	0.02000
2108	2126	2127	2183	2182	3	150.00	0.35	162150.38	162150.38	0.02000
2109	2127	2128	2184	2183	3	150.00	0.35	162150.38	162150.38	0.02000
2110	2128	2129	2185	2184	3	150.00	0.35	162150.38	162150.38	0.02000
2111	2129	2130	2186	2185	3	150.00	0.35	162150.38	162150.38	0.02000
2112	2130	2131	2187	2186	3	150.00	0.35	162150.38	162150.38	0.02000
2113	2131	2132	2188	2187	3	150.00	0.35	162150.38	162150.38	0.02000
2114	2132	2133	2189	2188	3	150.00	0.35	162150.38	162150.38	0.02000
2115	2133	2134	2190	2189	3	150.00	0.35	162150.38	162150.38	0.02000
2116	2134	2135	2191	2190	3	150.00	0.35	162150.38	162150.38	0.02000
2117	2135	2136	2192	2191	3	150.00	0.35	162150.38	162150.38	0.02000
2118	2136	2137	2193	2192	3	150.00	0.35	162150.38	162150.38	0.02000
2119	2137	2138	2194	2193	3	150.00	0.35	162150.38	162150.38	0.02000
2120	2138	2139	2195	2194	3	150.00	0.35	162150.38	162150.38	0.02000
2121	2139	2140	2196	2195	3	150.00	0.35	162150.38	162150.38	0.02000
2122	2140	2141	2197	2196	3	150.00	0.35	162150.38	162150.38	0.02000
2123	2141	2142	2198	2197	3	150.00	0.35	162150.38	162150.38	0.02000
2124	2142	2143	2199	2198	3	150.00	0.35	162150.38	162150.38	0.02000
2125	2143	2144	2200	2199	3	150.00	0.35	162150.38	162150.38	0.02000
2126	2144	2145	2201	2200	3	150.00	0.35	162150.38	162150.38	0.02000
2127	2145	2146	2202	2201	3	150.00	0.35	162150.38	162150.38	0.02000
2128	2146	2147	2203	2202	3	150.00	0.35	162150.38	162150.38	0.02000
2129	2147	2148	2204	2203	3	150.00	0.35	162150.38	162150.38	0.02000
2130	2148	2149	2205	2204	3	150.00	0.35	162150.38	162150.38	0.02000
2131	2149	2150	2206	2205	3	150.00	0.35	162150.38	162150.38	0.02000
2132	2150	2151	2207	2206	3	150.00	0.35	162150.38	162150.38	0.02000
2133	2151	2152	2208	2207	3	150.00	0.35	162150.38	162150.38	0.02000
2134	2152	2153	2209	2208	3	150.00	0.35	162150.38	162150.38	0.02000
2135	2153	2154	2210	2209	3	150.00	0.35	162150.38	162150.38	0.02000
2136	2155	2156	2212	2211	1	140.00	0.37	69565.22	69565.22	0.02000
2137	2156	2157	2213	2212	1	140.00	0.37	69565.22	69565.22	0.02000
2138	2157	2158	2214	2213	1	140.00	0.37	69565.22	69565.22	0.02000
2139	2158	2159	2215	2214	1	140.00	0.37	69565.22	69565.22	0.02000
2140	2159	2160	2216	2215	1	140.00	0.37	69565.22	69565.22	0.02000
2141	2160	2161	2217	2216	1	140.00	0.37	69565.22	69565.22	0.02000
2142	2161	2162	2218	2217	1	140.00	0.37	69565.22	69565.22	0.02000
2143	2162	2163	2219	2218	1	140.00	0.37	69565.22	69565.22	0.02000
2144	2163	2164	2220	2219	2	145.00	0.35	103751.55	103751.55	0.02000
2145	2164	2165	2221	2220	2	145.00	0.35	103751.55	103751.55	0.02000
2146	2165	2166	2222	2221	2	145.00	0.35	103751.55	103751.55	0.02000
2147	2166	2167	2223	2222	2	145.00	0.35	103751.55	103751.55	0.02000
2148	2167	2168	2224	2223	2	145.00	0.35	103751.55	103751.55	0.02000
2149	2168	2169	2225	2224	3	150.00	0.35	162150.38	162150.38	0.02000
2150	2169	2170	2226	2225	3	150.00	0.35	162150.38	162150.38	0.02000
2151	2170	2171	2227	2226	3	150.00	0.35	162150.38	162150.38	0.02000
2152	2171	2172	2228	2227	3	150.00	0.35	162150.38	162150.38	0.02000
2153	2172	2173	2229	2228	3	150.00	0.35	162150.38	162150.38	0.02000
2154	2173	2174	2230	2229	3	150.00	0.35	162150.38	162150.38	0.02000
2155	2174	2175	2231	2230	3	150.00	0.35	162150.38	162150.38	0.02000
2156	2175	2176	2232	2231	3	150.00	0.35	162150.38	162150.38	0.02000
2157	2176	2177	2233	2232	3	150.00	0.35	162150.38	162150.38	0.02000
2158	2177	2178	2234	2233	3	150.00	0.35	162150.38	162150.38	0.02000
2159	2178	2179	2235	2234	3	150.00	0.35	162150.38	162150.38	0.02000
2160	2179	2180	2236	2235	3	150.00	0.35	162150.38	162150.38	0.02000
2161	2180	2181	2237	2236	3	150.00	0.35	162150.38	162150.38	0.02000
2162	2181	2182	2238	2237	3	150.00	0.35	162150.38	162150.38	0.02000
2163	2182	2183	2239	2238	3	150.00	0.35	162150.38	162150.38	0.02000
2164	2183	2184	2240	2239	3	150.00	0.35	162150.38	162150.38	0.02000
2165	2184	2185	2241	2240	3	150.00	0.35	162150.38	162150.38	0.02000
2166	2185	2186	2242	2241	3	150.00	0.35	162150.38	162150.38	0.02000
2167	2186	2187	2243	2242	3	150.00	0.35	162150.38	162150.38	0.02000
2168	2187	2188	2244	2243	3	150.00	0.35	162150.38	162150.38	0.02000
2169	2188	2189	2245	2244	3	150.00	0.35	162150.38	162150.38	0.02000
2170	2189	2190	2246	2245	3	150.00	0.35	162150.38	162150.38	0.02000
2171	2190	2191	2247	2246	3	150.00	0.35	162150.38	162150.38	0.02000
2172	2191	2192	2248	2247	3	150.00	0.35	162150.38	162150.38	0.02000
2173	2192	2193	2249	2248	3	150.00	0.35	162150.38	162150.38	0.02000
2174	2193	2194	2250	2249	3	150.00	0.35	162150.38	162150.38	0.02000
2175	2194	2195	2251	2250	3	150.00	0.35	162150.38	162150.38	0.02000
2176	2195	2196	2252	2251	3	150.00	0.35	162150.38	162150.38	0.02000
2177	2196	2197	2253	2252	3	150.00	0.35	162150.38	162150.38	0.02000
2178	2197	2198	2254	2253	3	150.00	0.35	162150.38	162150.38	0.02000
2179	2198	2199	2255	2254	3	150.00	0.35	162150.38	162150.38	0.02000
2180	2199	2200	2256	2255	3	150.00	0.35	162150.38	162150.38	0.02000
2181	2200	2201	2257	2256	3	150.00	0.35	162150.38	162150.38	0.02000
2182	2201	2202	2258	2257	3	150.00	0.35	162150.38	162150.38	0.02000
2183	2202	2203	2259	2258	3	150.00	0.35	162150.38	162150.38	0.02000
2184	2203	2204	2260	2259	3	150.00	0.35	162150.38	162150.38	0.02000
2185	2204	2205	2261	2260	3	150.00	0.35	162150.38	162150.38	0.02000
2186	2205	2206	2262	2261	3	150.00	0.35	162150.38	162150.38	0.02000
2187	2206	2207	2263	2262	3	150.00	0.35	162150.38	162150.38	0.02000
2188	2207	2208	2264	2263	3	150.00	0.35	162150.38	162150.38	0.02000
2189	2208	2209	2265	2264	3	150.00	0.35	162150.38	162150.38	0.02000
2190	2209	2210	2266	2265	3	150.00	0.35	162150.38	162150.38	0.02000
2191	2211	2212	2268	2267	1	140.00	0.37	69565.22	69565.22	0.02000
2192	2212	2213	2269	2268	1	140.00	0.37	69565.22	69565.22	0.02000
2193	2213	2214	2270	2269	1	140.00	0.37	69565.22	69565.22	0.02000
2194	2214	2215	2271	2270	1	140.00	0.37	69565.22	69565.22	0.02000
2195	2215	2216	2272	2271	1	140.00	0.37	69565.22	69565.22	0.02000
2196	2216	2217	2273	2272	1	140.00	0.37	69565.22	69565.22	0.02000
2197	2217	2218	2274	2273	1	140.00	0.37	69565.22	69565.22	0.02000
2198	2218	2219	2275	2274	1	140.00	0.37	69565.22	69565.22	0.02000
2199	2219	2220	2276	2275	2	145.00	0.35	103751.55	103751.55	0.02000
2200	2220	2221	2277	2276	2	145.00	0.35	103751.55	103751.55	0.02000
2201	2221	2222	2278	2277	2	145.00	0.35	103751.55	103751.55	0.02000
2202	2222	2223	2279	2278	2	145.00	0.35	103751.55	103751.55	0.02000
2203	2223	2224	2280	2279	2	145.00	0.35	103751.55	103751.55	0.02000
2204	2224	2225	2281	2280	3	150.00	0.35	162150.38	162150.38	0.02000
2205	2225	2226	2282	2281	3	150.00	0.35	162150.38	162150.38	0.02000
2206	2226	2227	2283	2282	3	150.00	0.35	162150.38	162150.38	0.02000
2207	2227	2228	2284	2283	3	150.00	0.35	162150.38	162150.38	0.02000
2208	2228	2229	2285	2284	3	150.00	0.35	162150.38	162150.38	0.02000
2209	2229	2230	2286	2285	3	150.00	0.35	162150.38	162150.38	0.02000
2210	2230	2231	2287	2286	3	150.00	0.35	162150.38	162150.38	0.02000
2211	2231	2232	2288	2287	3	150.00	0.35	162150.38	162150.38	0.02000
2212	2232	2233	2289	2288	3	150.00	0.35	162150.38	162150.38	0.02000
2213	2233	2234	2290	2289	3	150.00	0.35	162150.38	162150.38	0.02000
2214	2234	2235	2291	2290	3	150.00	0.35	162150.38	162150.38	0.02000
2215	2235	2236	2292	2291	3	150.00	0.35	162150.38	162150.38	0.02000
2216	2236	2237	2293	2292	3	150.00	0.35	162150.38	162150.38	0.02000
2217	2237	2238	2294	2293	3	150.00	0.35	162150.38	162150.38	0.02000
2218	2238	2239	2295	2294	3	150.00	0.35	162150.38	162150.38	0.02000
2219	2239	2240	2296	2295	3	150.00	0.35	162150.38	162150.38	0.02000
2220	2240	2241	2297	2296	3	150.00	0.35	162150.38	162150.38	0.02000
2221	2241	2242	2298	2297	3	150.00	0.35	162150.38	162150.38	0.02000
2222	2242	2243	2299	2298	3	150.00	0.35	162150.38	162150.38	0.02000
2223	2243	2244	2300	2299	3	150.00	0.35	162150.38	162150.38	0.02000
2224	2244	2245	2301	2300	3	150.00	0.35	162150.38	162150.38	0.02000
2225	2245	2246	2302	2301	3	150.00	0.35	162150.38	162150.38	0.02000
2226	2246	2247	2303	2302	3	150.00	0.35	162150.38	162150.38	0.02000
2227	2247	2248	2304	2303	3	150.00	0.35	162150.38	162150.38	0.02000
2228	2248	2249	2305	2304	3	150.00	0.35	162150.38	162150.38	0.02000
2229	2249	2250	2306	2305	3	150.00	0.35	162150.38	162150.38	0.02000
2230	2250	2251	2307	2306	3	150.00	0.35	162150.38	162150.38	0.02000
2231	2251	2252	2308	2307	3	150.00	0.35	162150.38	162150.38	0.02000
2232	2252	2253	2309	2308	3	150.00	0.35	162150.38	162150.38	0.02000
2233	2253	2254	2310	2309	3	150.00	0.35	162150.38	162150.38	0.02000
2234	2254	2255	2311	2310	3	150.00	0.35	162150.38	162150.38	0.02000
2235	2255	2256	2312	2311	3	150.00	0.35	162150.38	162150.38	0.02000
2236	2256	2257	2313	2312	3	150.00	0.35	162150.38	162150.38	0.02000
2237	2257	2258	2314	2313	3	150.00	0.35	162150.38	162150.38	0.02000
2238	2258	2259	2315	2314	3	150.00	0.35	162150.38	162150.38	0.02000
2239	2259	2260	2316	2315	3	150.00	0.35	162150.38	162150.38	0.02000
2240	2260	2261	2317	2316	3	150.00	0.35	162150.38	162150.38	0.02000
2241	2261	2262	2318	2317	3	150.00	0.35	162150.38	162150.38	0.02000
2242	2262	2263	2319	2318	3	150.00	0.35	162150.38	162150.38	0.02000
2243	2263	2264	2320	2319	3	150.00	0.35	162150.38	162150.38	0.02000
2244	2264	2265	2321	2320	3	150.00	0.35	162150.38	162150.38	0.02000
2245	2265	2266	2322	2321	3	150.00	0.35	162150.38	162150.38	0.02000
2246	2267	2268	2324	2323	1	140.00	0.37	69565.22	69565.22	0.02000
2247	2268	2269	2325	2324	1	140.00	0.37	69565.22	69565.22	0.02000
2248	2269	2270	2326	2325	1	140.00	0.37	69565.22	69565.22	0.02000

2249	2270	2271	2327	2326	1	140.00	0.37	69565.22	69565.22	0.02000
2250	2271	2272	2328	2327	1	140.00	0.37	69565.22	69565.22	0.02000
2251	2272	2273	2329	2328	1	140.00	0.37	69565.22	69565.22	0.02000
2252	2273	2274	2330	2329	1	140.00	0.37	69565.22	69565.22	0.02000
2253	2274	2275	2331	2330	1	140.00	0.37	69565.22	69565.22	0.02000
2254	2275	2276	2332	2331	2	145.00	0.35	103751.55	103751.55	0.02000
2255	2276	2277	2333	2332	2	145.00	0.35	103751.55	103751.55	0.02000
2256	2277	2278	2334	2333	2	145.00	0.35	103751.55	103751.55	0.02000
2257	2278	2279	2335	2334	2	145.00	0.35	103751.55	103751.55	0.02000
2258	2279	2280	2336	2335	2	145.00	0.35	103751.55	103751.55	0.02000
2259	2280	2281	2337	2336	3	150.00	0.35	162150.30	162150.30	0.02000
2260	2281	2282	2338	2337	3	150.00	0.35	162150.30	162150.30	0.02000
2261	2282	2283	2339	2338	3	150.00	0.35	162150.30	162150.30	0.02000
2262	2283	2284	2340	2339	3	150.00	0.35	162150.30	162150.30	0.02000
2263	2284	2285	2341	2340	3	150.00	0.35	162150.30	162150.30	0.02000
2264	2285	2286	2342	2341	3	150.00	0.35	162150.30	162150.30	0.02000
2265	2286	2287	2343	2342	3	150.00	0.35	162150.30	162150.30	0.02000
2266	2287	2288	2344	2343	3	150.00	0.35	162150.30	162150.30	0.02000
2267	2288	2289	2345	2344	3	150.00	0.35	162150.30	162150.30	0.02000
2268	2289	2290	2346	2345	3	150.00	0.35	162150.30	162150.30	0.02000
2269	2290	2291	2347	2346	3	150.00	0.35	162150.30	162150.30	0.02000
2270	2291	2292	2348	2347	3	150.00	0.35	162150.30	162150.30	0.02000
2271	2292	2293	2349	2348	3	150.00	0.35	162150.30	162150.30	0.02000
2272	2293	2294	2350	2349	3	150.00	0.35	162150.30	162150.30	0.02000
2273	2294	2295	2351	2350	3	150.00	0.35	162150.30	162150.30	0.02000
2274	2295	2296	2352	2351	3	150.00	0.35	162150.30	162150.30	0.02000
2275	2296	2297	2353	2352	3	150.00	0.35	162150.30	162150.30	0.02000
2276	2297	2298	2354	2353	3	150.00	0.35	162150.30	162150.30	0.02000
2277	2298	2299	2355	2354	3	150.00	0.35	162150.30	162150.30	0.02000
2278	2299	2300	2356	2355	3	150.00	0.35	162150.30	162150.30	0.02000
2279	2300	2301	2357	2356	3	150.00	0.35	162150.30	162150.30	0.02000
2280	2301	2302	2358	2357	3	150.00	0.35	162150.30	162150.30	0.02000
2281	2302	2303	2359	2358	3	150.00	0.35	162150.30	162150.30	0.02000
2282	2303	2304	2360	2359	3	150.00	0.35	162150.30	162150.30	0.02000
2283	2304	2305	2361	2360	3	150.00	0.35	162150.30	162150.30	0.02000
2284	2305	2306	2362	2361	3	150.00	0.35	162150.30	162150.30	0.02000
2285	2306	2307	2363	2362	3	150.00	0.35	162150.30	162150.30	0.02000
2286	2307	2308	2364	2363	3	150.00	0.35	162150.30	162150.30	0.02000
2287	2308	2309	2365	2364	3	150.00	0.35	162150.30	162150.30	0.02000
2288	2309	2310	2366	2365	3	150.00	0.35	162150.30	162150.30	0.02000
2289	2310	2311	2367	2366	3	150.00	0.35	162150.30	162150.30	0.02000
2290	2311	2312	2368	2367	3	150.00	0.35	162150.30	162150.30	0.02000
2291	2312	2313	2369	2368	3	150.00	0.35	162150.30	162150.30	0.02000
2292	2313	2314	2370	2369	3	150.00	0.35	162150.30	162150.30	0.02000
2293	2314	2315	2371	2370	3	150.00	0.35	162150.30	162150.30	0.02000
2294	2315	2316	2372	2371	3	150.00	0.35	162150.30	162150.30	0.02000
2295	2316	2317	2373	2372	3	150.00	0.35	162150.30	162150.30	0.02000
2296	2317	2318	2374	2373	3	150.00	0.35	162150.30	162150.30	0.02000
2297	2318	2319	2375	2374	3	150.00	0.35	162150.30	162150.30	0.02000
2298	2319	2320	2376	2375	3	150.00	0.35	162150.30	162150.30	0.02000
2299	2320	2321	2377	2376	3	150.00	0.35	162150.30	162150.30	0.02000
2300	2321	2322	2378	2377	3	150.00	0.35	162150.30	162150.30	0.02000

N	XORD	YORD	BC	OUT	X2IN	X1IN	XIN	X2IV
1	-600.000	300.0000	2					
2	-600.000	280.0000	2					
3	-600.000	260.0000	2					
4	-600.000	240.0000	2					
5	-600.000	220.0000	2					
6	-600.000	200.0000	2					
7	-600.000	180.0000	2					
8	-600.000	160.0000	2					
9	-600.000	140.0000	2					
10	-600.000	120.0000	2					
11	-600.000	100.0000	2					
12	-600.000	80.0000	2					
13	-600.000	60.0000	2					
14	-600.000	40.0000	2					
15	-600.000	20.0000	2					
16	-600.000	0.0000	4					
17	-500.000	300.0000						
18	-500.000	280.0000						
19	-500.000	260.0000						
20	-500.000	240.0000						
21	-500.000	220.0000						
22	-500.000	200.0000						
23	-500.000	180.0000						
24	-500.000	160.0000						
25	-500.000	140.0000						
26	-500.000	120.0000						
27	-500.000	100.0000						
28	-500.000	80.0000						
29	-500.000	60.0000						
30	-500.000	40.0000						
31	-500.000	20.0000						
32	-500.000	0.0000	4					
33	-400.000	300.0000						
34	-400.000	280.0000						
35	-400.000	260.0000						
36	-400.000	240.0000						
37	-400.000	220.0000						
38	-400.000	200.0000						
39	-400.000	180.0000						
40	-400.000	160.0000						
41	-400.000	140.0000						
42	-400.000	120.0000						
43	-400.000	100.0000						
44	-400.000	80.0000						
45	-400.000	60.0000						
46	-400.000	40.0000						
47	-400.000	20.0000						
48	-400.000	0.0000	4					
49	-300.000	300.0000						
50	-300.000	280.0000						
51	-300.000	260.0000						
52	-300.000	240.0000						
53	-300.000	220.0000						
54	-300.000	200.0000						
55	-300.000	180.0000						
56	-300.000	160.0000						
57	-300.000	140.0000						
58	-300.000	120.0000						
59	-300.000	100.0000						
60	-300.000	80.0000						
61	-300.000	60.0000						
62	-300.000	40.0000						
63	-300.000	20.0000						
64	-300.000	0.0000	4					
65	-200.000	300.0000						
66	-200.000	280.0000						
67	-200.000	260.0000						
68	-200.000	240.0000						
69	-200.000	220.0000						
70	-200.000	200.0000						
71	-200.000	180.0000						
72	-200.000	160.0000						
73	-200.000	140.0000						
74	-200.000	120.0000						
75	-200.000	100.0000						
76	-200.000	80.0000						
77	-200.000	60.0000						
78	-200.000	40.0000						
79	-200.000	20.0000						
80	-200.000	0.0000	4					
81	-100.000	300.0000						
82	-100.000	280.0000						
83	-100.000	260.0000						
84	-100.000	240.0000						
85	-100.000	220.0000						
86	-100.000	200.0000						
87	-100.000	180.0000						
88	-100.000	160.0000						
89	-100.000	140.0000						
90	-100.000	120.0000						
91	-100.000	100.0000						
92	-100.000	80.0000						
93	-100.000	60.0000						
94	-100.000	40.0000						
95	-100.000	20.0000						
96	-100.000	0.0000	4					
97	0.000	300.0000						
98	0.000	280.0000						
99	0.000	260.0000						
100	0.000	240.0000						
101	0.000	220.0000						
102	0.000	200.0000						
103	0.000	180.0000						
104	0.000	160.0000						
105	0.000	140.0000						
106	0.000	120.0000						
107	0.000	100.0000						
108	0.000	80.0000						
109	0.000	60.0000						
110	0.000	40.0000						
111	0.000	20.0000						
112	0.000	0.0000	4					
113	66.000	300.0000						
114	66.000	280.0000						
115	66.000	260.0000						
116	66.000	240.0000						
117	66.000	220.0000						
118	66.000	200.0000						
119	66.000	180.0000						
120	66.000	160.0000						
121	66.000	140.0000						
122	66.000	120.0000						
123	66.000	100.0000						
124	66.000	80.0000						
125	66.000	60.0000						
126	66.000	40.0000						
127	66.000	20.0000						
128	66.000	0.0000	4					
129	131.999	320.0000						
130	131.999	300.0000						
131	131.999	280.0000						
132	131.999	260.0000						
133	131.999	240.0000						
134	131.999	220.0000						
135	131.999	200.0000						
136	131.999	180.0000						
137	131.999	160.0000						
138	131.999	140.0000						
139	131.999	120.0000						
140	131.999	100.0000						
141	131.999	80.0000						
142	131.999	60.0000						
143	131.999	40.0000						
144	131.999	20.0000						
145	131.999	0.0000	4					
146	197.699	340.0000						
147	197.699	320.0000						
148	197.699	300.0000						
149	197.699	280.0000						
150	197.699	260.0000						
151	197.699	240.0000						
152	197.699	220.0000						
153	197.699	200.0000						
154	197.699	180.0000						
155	197.699	160.0000						
156	197.699	140.0000						
157	197.699	120.0000						
158	197.699	100.0000						
159	197.699	80.0000						
160	197.699	60.0000						
161	197.699	40.0000						
162	197.699	20.0000						
163	197.699	0.0000	4					
164	263.600	360.0000						
165	263.600	340.0000						
166	263.600	320.0000						
167	263.600	300.0000						
168	263.600	280.0000						
169	263.600	260.0000						
170	263.600	240.0000						
171	263.600	220.0000						
172	263.600	200.0000						
173	263.600	180.0000						
174	263.600	160.0000						
175	263.600	140.0000						
176	263.600	120.0000						
177	263.600	100.0000						
178	263.600	80.0000						
179	263.600	60.0000						
180	263.600	40.0000						
181	263.600	20.0000						
182	263.600	0.0000	4					
183	329.399	380.0000						
184	329.399	360.0000						
185	329.399	340.0000						
186	329.399	320.0000						
187	329.399	300.0000						
188	329.399	280.0000						
189	329.399	260.0000						
190	329.399	240.0000						
191	329.399	220.0000						
192	329.399	200.0000						
193	329.399	180.0000						
194	329.399	160.0000						
195	329.399	140.0000						
196	329.399	120.0000						
197	329.399	100.0000						
198	329.399	80.0000						
199	329.399	60.0000						
200	329.399	40.0000						
201	329.399	20.0000						

202	329.399	0.0000
203	395.299	400.0000
204	395.299	380.0000
205	395.299	360.0000
206	395.299	340.0000
207	395.299	320.0000
208	395.299	300.0000
209	395.299	280.0000
210	395.299	260.0000
211	395.299	240.0000
212	395.299	220.0000
213	395.299	200.0000
214	395.299	180.0000
215	395.299	160.0000
216	395.299	140.0000
217	395.299	120.0000
218	395.299	100.0000
219	395.299	80.0000
220	395.299	60.0000
221	395.299	40.0000
222	395.299	20.0000
223	395.299	0.0000
224	452.600	420.0000
225	452.600	400.0000
226	452.600	380.0000
227	452.600	360.0000
228	452.600	340.0000
229	452.600	320.0000
230	452.600	300.0000
231	452.600	280.0000
232	452.600	260.0000
233	452.600	240.0000
234	452.600	220.0000
235	452.600	200.0000
236	452.600	180.0000
237	452.600	160.0000
238	452.600	140.0000
239	452.600	120.0000
240	452.600	100.0000
241	452.600	80.0000
242	452.600	60.0000
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244	452.600	20.0000
245	452.600	0.0000
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247	509.899	420.0000
248	509.899	400.0000
249	509.899	380.0000
250	509.899	360.0000
251	509.899	340.0000
252	509.899	320.0000
253	509.899	300.0000
254	509.899	280.0000
255	509.899	260.0000
256	509.899	240.0000
257	509.899	220.0000
258	509.899	200.0000
259	509.899	180.0000
260	509.899	160.0000
261	509.899	140.0000
262	509.899	120.0000
263	509.899	100.0000
264	509.899	80.0000
265	509.899	60.0000
266	509.899	40.0000
267	509.899	20.0000
268	509.899	0.0000
269	567.200	460.0000
270	567.200	440.0000
271	567.200	420.0000
272	567.200	400.0000
273	567.200	380.0000
274	567.200	360.0000
275	567.200	340.0000
276	567.200	320.0000
277	567.200	300.0000
278	567.200	280.0000
279	567.200	260.0000
280	567.200	240.0000
281	567.200	220.0000
282	567.200	200.0000
283	567.200	180.0000
284	567.200	160.0000
285	567.200	140.0000
286	567.200	120.0000
287	567.200	100.0000
288	567.200	80.0000
289	567.200	60.0000
290	567.200	40.0000
291	567.200	20.0000
292	567.200	0.0000
293	624.500	480.0000
294	624.500	460.0000
295	624.500	440.0000
296	624.500	420.0000
297	624.500	400.0000
298	624.500	380.0000
299	624.500	360.0000
300	624.500	340.0000
301	624.500	320.0000
302	624.500	300.0000
303	624.500	280.0000
304	624.500	260.0000
305	624.500	240.0000
306	624.500	220.0000
307	624.500	200.0000
308	624.500	180.0000
309	624.500	160.0000
310	624.500	140.0000
311	624.500	120.0000
312	624.500	100.0000
313	624.500	80.0000
314	624.500	60.0000
315	624.500	40.0000
316	624.500	20.0000
317	624.500	0.0000
318	681.900	500.0000
319	681.900	480.0000
320	681.900	460.0000
321	681.900	440.0000
322	681.900	420.0000
323	681.900	400.0000
324	681.900	380.0000
325	681.900	360.0000
326	681.900	340.0000
327	681.900	320.0000
328	681.900	300.0000
329	681.900	280.0000
330	681.900	260.0000
331	681.900	240.0000
332	681.900	220.0000
333	681.900	200.0000
334	681.900	180.0000
335	681.900	160.0000
336	681.900	140.0000
337	681.900	120.0000
338	681.900	100.0000
339	681.900	80.0000
340	681.900	60.0000
341	681.900	40.0000
342	681.900	20.0000
343	681.900	0.0000
344	735.500	520.0000
345	735.500	500.0000
346	735.500	480.0000
347	735.500	460.0000
348	735.500	440.0000
349	735.500	420.0000
350	735.500	400.0000
351	735.500	380.0000
352	735.500	360.0000
353	735.500	340.0000
354	735.500	320.0000
355	735.500	300.0000
356	735.500	280.0000
357	735.500	260.0000
358	735.500	240.0000
359	735.500	220.0000
360	735.500	200.0000
361	735.500	180.0000
362	735.500	160.0000
363	735.500	140.0000
364	735.500	120.0000
365	735.500	100.0000
366	735.500	80.0000
367	735.500	60.0000
368	735.500	40.0000
369	735.500	20.0000
370	735.500	0.0000
371	789.200	540.0000
372	789.200	520.0000
373	789.200	500.0000
374	789.200	480.0000
375	789.200	460.0000
376	789.200	440.0000
377	789.200	420.0000
378	789.200	400.0000
379	789.200	380.0000
380	789.200	360.0000
381	789.200	340.0000
382	789.200	320.0000
383	789.200	300.0000
384	789.200	280.0000
385	789.200	260.0000
386	789.200	240.0000
387	789.200	220.0000
388	789.200	200.0000
389	789.200	180.0000
390	789.200	160.0000
391	789.200	140.0000
392	789.200	120.0000
393	789.200	100.0000
394	789.200	80.0000
395	789.200	60.0000
396	789.200	40.0000
397	789.200	20.0000
398	789.200	0.0000
399	842.799	560.0000
400	842.799	540.0000
401	842.799	520.0000
402	842.799	500.0000
403	842.799	480.0000
404	842.799	460.0000
405	842.799	440.0000
406	842.799	420.0000
407	842.799	400.0000
408	842.799	380.0000
409	842.799	360.0000
410	842.799	340.0000
411	842.799	320.0000
412	842.799	300.0000
413	842.799	280.0000
414	842.799	260.0000
415	842.799	240.0000
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420	842.799	140.0000
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422	842.799	100.0000
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426	842.799	20.0000
427	842.799	0.0000
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429	896.500	560.0000
430	896.500	540.0000
431	896.500	520.0000
432	896.500	500.0000
433	896.500	480.0000
434	896.500	460.0000
435	896.500	440.0000
436	896.500	420.0000
437	896.500	400.0000
438	896.500	380.0000
439	896.500	360.0000
440	896.500	340.0000
441	896.500	320.0000
442	896.500	300.0000
443	896.500	280.0000
444	896.500	260.0000
445	896.500	240.0000
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449	896.500	160.0000
450	896.500	140.0000
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455	896.500	40.0000
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457	896.500	0.0000
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459	950.099	580.0000
460	950.099	560.0000
461	950.099	540.0000
462	950.099	520.0000
463	950.099	500.0000
464	950.099	480.0000
465	950.099	460.0000
466	950.099	440.0000
467	950.099	420.0000
468	950.099	400.0000
469	950.099	380.0000
470	950.099	360.0000
471	950.099	340.0000
472	950.099	320.0000
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475	950.099	260.0000
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480	950.099	160.0000
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488	950.099	0.0000
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491	1023.299	580.0000
492	1023.299	560.0000
493	1023.299	540.0000
494	1023.299	520.0000
495	1023.299	500.0000
496	1023.299	480.0000
497	1023.299	460.0000
498	1023.299	440.0000
499	1023.299	420.0000
500	1023.299	400.0000
501	1023.299	380.0000
502	1023.299	360.0000
503	1023.299	340.0000
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520	1023.299	0.0000
521	1096.500	640.0000
522	1096.500	620.0000
523	1096.500	600.0000
524	1096.500	580.0000
525	1096.500	560.0000
526	1096.500	540.0000
527	1096.500	520.0000
528	1096.500	500.0000
529	1096.500	480.0000
530	1096.500	460.0000
531	1096.500	440.0000
532	1096.500	420.0000
533	1096.500	400.0000
534	1096.500	380.0000
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538	1096.500	300.0000
539	1096.500	280.0000
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541	1096.500	240.0000
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543	1096.500	200.0000
544	1096.500	180.0000
545	1096.500	160.0000
546	1096.500	140.0000
547	1096.500	120.0000
548	1096.500	100.0000
549	1096.500	80.0000
550	1096.500	60.0000
551	1096.500	40.0000
552	1096.500	20.0000
553	1096.500	0.0000
554	1169.699	640.0000
555	1169.699	620.0000
556	1169.699	600.0000
557	1169.699	580.0000
558	1169.699	560.0000
559	1169.699	540.0000
560	1169.699	520.0000
561	1169.699	500.0000
562	1169.699	480.0000
563	1169.699	460.0000
564	1169.699	440.0000
565	1169.699	420.0000
566	1169.699	400.0000
567	1169.699	380.0000
568	1169.699	360.0000
569	1169.699	340.0000
570	1169.699	320.0000
571	1169.699	300.0000
572	1169.699	280.0000
573	1169.699	260.0000
574	1169.699	240.0000
575	1169.699	220.0000
576	1169.699	200.0000
577	1169.699	180.0000
578	1169.699	160.0000
579	1169.699	140.0000
580	1169.699	120.0000
581	1169.699	100.0000
582	1169.699	80.0000
583	1169.699	60.0000
584	1169.699	40.0000
585	1169.699	20.0000
586	1169.699	0.0000
587	1242.800	680.0000
588	1242.800	660.0000
589	1242.800	640.0000
590	1242.800	620.0000
591	1242.800	600.0000
592	1242.800	580.0000
593	1242.800	560.0000
594	1242.800	540.0000
595	1242.800	520.0000
596	1242.800	500.0000
597	1242.800	480.0000
598	1242.800	460.0000
599	1242.800	440.0000
600	1242.800	420.0000
601	1242.800	400.0000
602	1242.800	380.0000
603	1242.800	360.0000
604	1242.800	340.0000
605	1242.800	320.0000
606	1242.800	300.0000
607	1242.800	280.0000
608	1242.800	260.0000
609	1242.800	240.0000
610	1242.800	220.0000
611	1242.800	200.0000
612	1242.800	180.0000
613	1242.800	160.0000
614	1242.800	140.0000
615	1242.800	120.0000
616	1242.800	100.0000
617	1242.800	80.0000
618	1242.800	60.0000
619	1242.800	40.0000
620	1242.800	20.0000
621	1242.800	0.0000
622	1316.000	700.0000
623	1316.000	680.0000
624	1316.000	660.0000
625	1316.000	640.0000
626	1316.000	620.0000
627	1316.000	600.0000
628	1316.000	580.0000
629	1316.000	560.0000
630	1316.000	540.0000
631	1316.000	520.0000
632	1316.000	500.0000
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1860	4747.700	400.0000
1861	4747.700	380.0000
1862	4747.700	360.0000
1863	4747.700	340.0000
1864	4747.700	320.0000
1865	4747.700	300.0000
1866	4747.700	280.0000
1867	4747.700	260.0000
1868	4747.700	240.0000
1869	4747.700	220.0000
1870	4747.700	200.0000
1871	4747.700	180.0000
1872	4747.700	160.0000
1873	4747.700	140.0000
1874	4747.700	120.0000
1875	4747.700	100.0000
1876	4747.700	80.0000
1877	4747.700	60.0000
1878	4747.700	40.0000
1879	4747.700	20.0000
1880	4747.700	0.0000
1881	4801.399	1040.0000
1882	4801.399	1020.0000
1883	4801.399	1000.0000
1884	4801.399	980.0000
1885	4801.399	960.0000
1886	4801.399	940.0000
1887	4801.399	920.0000
1888	4801.399	900.0000
1889	4801.399	880.0000
1890	4801.399	860.0000
1891	4801.399	840.0000
1892	4801.399	820.0000
1893	4801.399	800.0000
1894	4801.399	780.0000
1895	4801.399	760.0000
1896	4801.399	740.0000
1897	4801.399	720.0000
1898	4801.399	700.0000
1899	4801.399	680.0000
1900	4801.399	660.0000
1901	4801.399	640.0000
1902	4801.399	620.0000
1903	4801.399	600.0000
1904	4801.399	580.0000
1905	4801.399	560.0000
1906	4801.399	540.0000
1907	4801.399	520.0000
1908	4801.399	500.0000
1909	4801.399	480.0000
1910	4801.399	460.0000
1911	4801.399	440.0000
1912	4801.399	420.0000
1913	4801.399	400.0000
1914	4801.399	380.0000
1915	4801.399	360.0000
1916	4801.399	340.0000
1917	4801.399	320.0000
1918	4801.399	300.0000
1919	4801.399	280.0000
1920	4801.399	260.0000
1921	4801.399	240.0000
1922	4801.399	220.0000
1923	4801.399	200.0000
1924	4801.399	180.0000
1925	4801.399	160.0000
1926	4801.399	140.0000
1927	4801.399	120.0000
1928	4801.399	100.0000
1929	4801.399	80.0000
1930	4801.399	60.0000
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1932	4801.399	20.0000
1933	4801.399	0.0000
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1935	4855.000	1040.0000
1936	4855.000	1020.0000
1937	4855.000	1000.0000
1938	4855.000	980.0000
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1940	4855.000	940.0000
1941	4855.000	920.0000
1942	4855.000	900.0000
1943	4855.000	880.0000
1944	4855.000	860.0000
1945	4855.000	840.0000
1946	4855.000	820.0000
1947	4855.000	800.0000
1948	4855.000	780.0000
1949	4855.000	760.0000
1950	4855.000	740.0000
1951	4855.000	720.0000
1952	4855.000	700.0000
1953	4855.000	680.0000
1954	4855.000	660.0000
1955	4855.000	640.0000
1956	4855.000	620.0000
1957	4855.000	600.0000
1958	4855.000	580.0000
1959	4855.000	560.0000
1960	4855.000	540.0000
1961	4855.000	520.0000
1962	4855.000	500.0000
1963	4855.000	480.0000
1964	4855.000	460.0000
1965	4855.000	440.0000
1966	4855.000	420.0000
1967	4855.000	400.0000
1968	4855.000	380.0000
1969	4855.000	360.0000
1970	4855.000	340.0000
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1972	4855.000	300.0000
1973	4855.000	280.0000
1974	4855.000	260.0000
1975	4855.000	240.0000
1976	4855.000	220.0000
1977	4855.000	200.0000
1978	4855.000	180.0000
1979	4855.000	160.0000
1980	4855.000	140.0000
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1983	4855.000	80.0000
1984	4855.000	60.0000
1985	4855.000	40.0000
1986	4855.000	20.0000
1987	4855.000	0.0000
1988	4908.700	1080.0000
1989	4908.700	1060.0000
1990	4908.700	1040.0000
1991	4908.700	1020.0000
1992	4908.700	1000.0000
1993	4908.700	980.0000
1994	4908.700	960.0000
1995	4908.700	940.0000
1996	4908.700	920.0000
1997	4908.700	900.0000
1998	4908.700	880.0000
1999	4908.700	860.0000
2000	4908.700	840.0000
2001	4908.700	820.0000
2002	4908.700	800.0000
2003	4908.700	780.0000
2004	4908.700	760.0000
2005	4908.700	740.0000
2006	4908.700	720.0000
2007	4908.700	700.0000
2008	4908.700	680.0000
2009	4908.700	660.0000
2010	4908.700	640.0000
2011	4908.700	620.0000
2012	4908.700	600.0000
2013	4908.700	580.0000
2014	4908.700	560.0000
2015	4908.700	540.0000
2016	4908.700	520.0000
2017	4908.700	500.0000
2018	4908.700	480.0000
2019	4908.700	460.0000
2020	4908.700	440.0000
2021	4908.700	420.0000
2022	4908.700	400.0000
2023	4908.700	380.0000
2024	4908.700	360.0000
2025	4908.700	340.0000
2026	4908.700	320.0000
2027	4908.700	300.0000
2028	4908.700	280.0000
2029	4908.700	260.0000
2030	4908.700	240.0000
2031	4908.700	220.0000
2032	4908.700	200.0000
2033	4908.700	180.0000
2034	4908.700	160.0000
2035	4908.700	140.0000
2036	4908.700	120.0000
2037	4908.700	100.0000
2038	4908.700	80.0000
2039	4908.700	60.0000
2040	4908.700	40.0000
2041	4908.700	20.0000
2042	4908.700	0.0000
2043	4962.299	1100.0000
2044	4962.299	1080.0000
2045	4962.299	1060.0000
2046	4962.299	1040.0000
2047	4962.299	1020.0000
2048	4962.299	1000.0000
2049	4962.299	980.0000
2050	4962.299	960.0000
2051	4962.299	940.0000
2052	4962.299	920.0000
2053	4962.299	900.0000
2054	4962.299	880.0000
2055	4962.299	860.0000
2056	4962.299	840.0000
2057	4962.299	820.0000
2058	4962.299	800.0000
2059	4962.299	780.0000
2060	4962.299	760.0000
2061	4962.299	740.0000
2062	4962.299	720.0000
2063	4962.299	700.0000
2064	4962.299	680.0000
2065	4962.299	660.0000
2066	4962.299	640.0000
2067	4962.299	620.0000
2068	4962.299	600.0000
2069	4962.299	580.0000
2070	4962.299	560.0000
2071	4962.299	540.0000
2072	4962.299	520.0000
2073	4962.299	500.0000
2074	4962.299	480.0000
2075	4962.299	460.0000
2076	4962.299	440.0000
2077	4962.299	420.0000
2078	4962.299	400.0000
2079	4962.299	380.0000
2080	4962.299	360.0000
2081	4962.299	340.0000
2082	4962.299	320.0000
2083	4962.299	300.0000
2084	4962.299	280.0000
2085	4962.299	260.0000
2086	4962.299	240.0000
2087	4962.299	220.0000
2088	4962.299	200.0000
2089	4962.299	180.0000
2090	4962.299	160.0000
2091	4962.299	140.0000
2092	4962.299	120.0000
2093	4962.299	100.0000
2094	4962.299	80.0000
2095	4962.299	60.0000
2096	4962.299	40.0000
2097	4962.299	20.0000
2098	4962.299	0.0000
2099	5016.000	1100.0000
2100	5016.000	1080.0000
2101	5016.000	1060.0000
2102	5016.000	1040.0000
2103	5016.000	1020.0000
2104	5016.000	1000.0000
2105	5016.000	980.0000
2106	5016.000	960.0000

2107	5016.000	940.0000	
2108	5016.000	920.0000	
2109	5016.000	900.0000	
2110	5016.000	880.0000	
2111	5016.000	860.0000	
2112	5016.000	840.0000	
2113	5016.000	820.0000	
2114	5016.000	800.0000	
2115	5016.000	780.0000	
2116	5016.000	760.0000	
2117	5016.000	740.0000	
2118	5016.000	720.0000	
2119	5016.000	700.0000	
2120	5016.000	680.0000	
2121	5016.000	660.0000	
2122	5016.000	640.0000	
2123	5016.000	620.0000	
2124	5016.000	600.0000	
2125	5016.000	580.0000	
2126	5016.000	560.0000	
2127	5016.000	540.0000	
2128	5016.000	520.0000	
2129	5016.000	500.0000	
2130	5016.000	480.0000	
2131	5016.000	460.0000	
2132	5016.000	440.0000	
2133	5016.000	420.0000	
2134	5016.000	400.0000	
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2136	5016.000	360.0000	
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2141	5016.000	260.0000	
2142	5016.000	240.0000	
2143	5016.000	220.0000	
2144	5016.000	200.0000	
2145	5016.000	180.0000	
2146	5016.000	160.0000	
2147	5016.000	140.0000	
2148	5016.000	120.0000	
2149	5016.000	100.0000	
2150	5016.000	80.0000	
2151	5016.000	60.0000	
2152	5016.000	40.0000	
2153	5016.000	20.0000	
2154	5016.000	0.0000	4
2155	5216.000	1100.0000	
2156	5216.000	1080.0000	
2157	5216.000	1060.0000	
2158	5216.000	1040.0000	
2159	5216.000	1020.0000	
2160	5216.000	1000.0000	
2161	5216.000	980.0000	
2162	5216.000	960.0000	
2163	5216.000	940.0000	
2164	5216.000	920.0000	
2165	5216.000	900.0000	
2166	5216.000	880.0000	
2167	5216.000	860.0000	
2168	5216.000	840.0000	
2169	5216.000	820.0000	
2170	5216.000	800.0000	
2171	5216.000	780.0000	
2172	5216.000	760.0000	
2173	5216.000	740.0000	
2174	5216.000	720.0000	
2175	5216.000	700.0000	
2176	5216.000	680.0000	
2177	5216.000	660.0000	
2178	5216.000	640.0000	
2179	5216.000	620.0000	
2180	5216.000	600.0000	
2181	5216.000	580.0000	
2182	5216.000	560.0000	
2183	5216.000	540.0000	
2184	5216.000	520.0000	
2185	5216.000	500.0000	
2186	5216.000	480.0000	
2187	5216.000	460.0000	
2188	5216.000	440.0000	
2189	5216.000	420.0000	
2190	5216.000	400.0000	
2191	5216.000	380.0000	
2192	5216.000	360.0000	
2193	5216.000	340.0000	
2194	5216.000	320.0000	
2195	5216.000	300.0000	
2196	5216.000	280.0000	
2197	5216.000	260.0000	
2198	5216.000	240.0000	
2199	5216.000	220.0000	
2200	5216.000	200.0000	
2201	5216.000	180.0000	
2202	5216.000	160.0000	
2203	5216.000	140.0000	
2204	5216.000	120.0000	
2205	5216.000	100.0000	
2206	5216.000	80.0000	
2207	5216.000	60.0000	
2208	5216.000	40.0000	
2209	5216.000	20.0000	
2210	5216.000	0.0000	4
2211	5416.000	1100.0000	
2212	5416.000	1080.0000	
2213	5416.000	1060.0000	
2214	5416.000	1040.0000	
2215	5416.000	1020.0000	
2216	5416.000	1000.0000	
2217	5416.000	980.0000	
2218	5416.000	960.0000	
2219	5416.000	940.0000	
2220	5416.000	920.0000	
2221	5416.000	900.0000	
2222	5416.000	880.0000	
2223	5416.000	860.0000	
2224	5416.000	840.0000	
2225	5416.000	820.0000	
2226	5416.000	800.0000	
2227	5416.000	780.0000	
2228	5416.000	760.0000	
2229	5416.000	740.0000	
2230	5416.000	720.0000	
2231	5416.000	700.0000	
2232	5416.000	680.0000	
2233	5416.000	660.0000	
2234	5416.000	640.0000	
2235	5416.000	620.0000	
2236	5416.000	600.0000	
2237	5416.000	580.0000	
2238	5416.000	560.0000	
2239	5416.000	540.0000	
2240	5416.000	520.0000	
2241	5416.000	500.0000	
2242	5416.000	480.0000	
2243	5416.000	460.0000	
2244	5416.000	440.0000	
2245	5416.000	420.0000	
2246	5416.000	400.0000	
2247	5416.000	380.0000	
2248	5416.000	360.0000	
2249	5416.000	340.0000	
2250	5416.000	320.0000	
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2253	5416.000	260.0000	
2254	5416.000	240.0000	
2255	5416.000	220.0000	
2256	5416.000	200.0000	
2257	5416.000	180.0000	
2258	5416.000	160.0000	
2259	5416.000	140.0000	
2260	5416.000	120.0000	
2261	5416.000	100.0000	
2262	5416.000	80.0000	
2263	5416.000	60.0000	
2264	5416.000	40.0000	
2265	5416.000	20.0000	
2266	5416.000	0.0000	4
2267	5616.000	1100.0000	
2268	5616.000	1080.0000	
2269	5616.000	1060.0000	
2270	5616.000	1040.0000	
2271	5616.000	1020.0000	
2272	5616.000	1000.0000	
2273	5616.000	980.0000	
2274	5616.000	960.0000	
2275	5616.000	940.0000	
2276	5616.000	920.0000	
2277	5616.000	900.0000	
2278	5616.000	880.0000	
2279	5616.000	860.0000	
2280	5616.000	840.0000	
2281	5616.000	820.0000	
2282	5616.000	800.0000	
2283	5616.000	780.0000	
2284	5616.000	760.0000	
2285	5616.000	740.0000	
2286	5616.000	720.0000	
2287	5616.000	700.0000	
2288	5616.000	680.0000	
2289	5616.000	660.0000	
2290	5616.000	640.0000	
2291	5616.000	620.0000	
2292	5616.000	600.0000	
2293	5616.000	580.0000	
2294	5616.000	560.0000	
2295	5616.000	540.0000	
2296	5616.000	520.0000	
2297	5616.000	500.0000	
2298	5616.000	480.0000	
2299	5616.000	460.0000	
2300	5616.000	440.0000	
2301	5616.000	420.0000	
2302	5616.000	400.0000	
2303	5616.000	380.0000	
2304	5616.000	360.0000	
2305	5616.000	340.0000	
2306	5616.000	320.0000	
2307	5616.000	300.0000	
2308	5616.000	280.0000	
2309	5616.000	260.0000	
2310	5616.000	240.0000	
2311	5616.000	220.0000	
2312	5616.000	200.0000	
2313	5616.000	180.0000	
2314	5616.000	160.0000	
2315	5616.000	140.0000	
2316	5616.000	120.0000	
2317	5616.000	100.0000	
2318	5616.000	80.0000	
2319	5616.000	60.0000	
2320	5616.000	40.0000	
2321	5616.000	20.0000	
2322	5616.000	0.0000	4
2323	5816.000	1100.0000	2
2324	5816.000	1080.0000	2
2325	5816.000	1060.0000	2
2326	5816.000	1040.0000	2
2327	5816.000	1020.0000	2
2328	5816.000	1000.0000	2
2329	5816.000	980.0000	2
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2331	5816.000	940.0000	2
2332	5816.000	920.0000	2
2333	5816.000	900.0000	2
2334	5816.000	880.0000	2
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2336	5816.000	840.0000	2
2337	5816.000	820.0000	2
2338	5816.000	800.0000	2
2339	5816.000	780.0000	2
2340	5816.000	760.0000	2
2341	5816.000	740.0000	2
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2344	5816.000	680.0000	2
2345	5816.000	660.0000	2
2346	5816.000	640.0000	2
2347	5816.000	620.0000	2
2348	5816.000	600.0000	2
2349	5816.000	580.0000	2
2350	5816.000	560.0000	2
2351	5816.000	540.0000	2
2352	5816.000	520.0000	2
2353	5816.000	500.0000	2
2354	5816.000	480.0000	2
2355	5816.000	460.0000	2
2356	5816.000	440.0000	2
2357	5816.000	420.0000	2
2358	5816.000	400.0000	2
2359	5816.000	380.0000	2
2360	5816.000	360.0000	2
2361	5816.000	340.0000	2
2362	5816.000	320.0000	2
2363	5816.000	300.0000	2
2364	5816.000	280.0000	2
2365	5816.000	260.0000	2
2366	5816.000	240.0000	2
2367	5816.000	220.0000	2
2368	5816.000	200.0000	2
2369	5816.000	180.0000	2
2370	5816.000	160.0000	2
2371	5816.000	140.0000	2
2372	5816.000	120.0000	2
2373	5816.000	100.0000	2
2374	5816.000	80.0000	2
2375	5816.000	60.0000	2
2376	5816.000	40.0000	2
2377	5816.000	20.0000	2
2378	5816.000	0.0000	4

CR3001.Q40

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** QUAD4M   A COMPUTER PROGRAM FOR EVALUATING THE **
**          SEISMIC RESPONSE OF SOIL STRUCTURES    **
**                U.C.Davis, 1993                  **
**             by Martin Byrd Hudson,              **
**                I.M.Idriss,                      **
**                and Mohsen Beikae                **
**    MODIFIED FROM QUAD4, 1973                    **
**             by I.M.Idriss,                      **
**                J. Lysmer,                       **
**                R. Hwang and                     **
**                H. Bolton Seed                   **
*****************************************************
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   CR3001: DIABLO CANYON POWR PLANT, RIDGE
 HORIZONTAL ACCELERATION INPUT FILE:
   SIIIR46.FUN
 WITH FIRST LINE:
                        XMAX=  0.9352deconvolotion  from set1 rot 4


1

                  NO. OF ELEMENTS =  2300
              NO. OF NODAL POINTS =  2378
               DEGREES OF FREEDOM =  4756
                   HALF-BANDWIDTH =   116
              CONTROLLING ELEMENT =  1972
         NO. OF FIXED BNDRY CONDS. =   133
               NO. OF ITERATIONS =     4
      TOTAL EQ. POINTS READ (KGMAX) =  9625
 LAST EQ. PTS. USED (N1EQ TO KGEQ)  =     1  9625
   INT. EQ. PTS USED (N2EQ TO N3EQ) =     1  9625
          TIME INTERVAL OF RECORDS =    .0050  SECONDS
         STRAIN CONVERSION FACTOR =    .6500
    DAMPING RATIO REDUCTION FACTOR =   1.000
   PREDOMINANT INPUT MOTION PERIOD =    .2300  SECONDS
    EQ. MULT. FACTOR (HORZ. COMP.) =  1.0000
 MAXIMUM ACCEL. USED (HORZ. COMP.) =    .9352

 SOIL DATA TAKEN FROM FILE: LSOIL.DAT

**********************
 MATERIAL TYPE NO. 1
**********************
MODULUS:   #1   Shear Modulus for Rock SHAKE91
DAMPING:          Damping for Rock SHAKE91+1.6%
 ==================      ==================
   STRAIN    G/Gmax       STRAIN    DAMPING
  --------  -------      --------  --------
    .0001    1.000         .0001      2.00
    .0003    1.000         .0003      2.20
    .0010     .988         .0010      2.40
    .0030     .952         .0030      2.75
    .0100     .900         .0100      3.10
    .0300     .810         .0300      3.85
    .1000     .725         .1000      4.60
    .3000     .640         .3000      5.40
   1.0000     .550        1.0000      6.20
   3.0000     .550        3.0000      6.20

......................... SKIP TO NEXT SECTION

UNDERLYING STRATUM DATA:

    UNIT WEIGHT:    150.000  PCF
    SHEAR WAVE VELOCITY:    5900.00  FT/SEC
    COMPRESSION WAVE VELOCITY:   15570.00  FT/SEC


1
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ELM	NODE 1	NODE 2	NODE 3	NODE 4	MAT.TYPE	DENSITY (PCF)	POISSON R.	GMX (KSF)	SH. MODULUS (KSF)	DAMP. RATIO	AREA (FT^2)
1	1	2	18	17	1	140.000	.370	69565.220	69565.220	.020	2000.000
2	2	3	19	18	1	140.000	.370	69565.220	69565.220	.020	2000.000
3	3	4	20	19	1	140.000	.370	69565.220	69565.220	.020	2000.000
4	4	5	21	20	1	140.000	.370	69565.220	69565.220	.020	2000.000
5	5	6	22	21	1	140.000	.370	69565.220	69565.220	.020	2000.000
6	6	7	23	22	1	140.000	.370	69565.220	69565.220	.020	2000.000

7	7	8	24	23	1	140.000	.370	69565.220	69565.220	.020	2000.000
8	8	9	25	24	1	140.000	.370	69565.220	69565.220	.020	2000.000
9	9	10	26	25	2	145.000	.350	103751.500	103751.500	.020	2000.000
10	10	11	27	26	2	145.000	.350	103751.500	103751.500	.020	2000.000
11	11	12	28	27	2	145.000	.350	103751.500	103751.500	.020	2000.000
12	12	13	29	28	2	145.000	.350	103751.500	103751.500	.020	2000.000
13	13	14	30	29	2	145.000	.350	103751.500	103751.500	.020	2000.000
14	14	15	31	30	3	150.000	.350	162158.400	162158.400	.020	2000.000
15	15	16	32	31	3	150.000	.350	162158.400	162158.400	.020	2000.000
16	17	18	34	33	1	140.000	.370	69565.220	69565.220	.020	2000.000
17	18	19	35	34	1	140.000	.370	69565.220	69565.220	.020	2000.000
18	19	20	36	35	1	140.000	.370	69565.220	69565.220	.020	2000.000
19	20	21	37	36	1	140.000	.370	69565.220	69565.220	.020	2000.000
20	21	22	38	37	1	140.000	.370	69565.220	69565.220	.020	2000.000

..... SKIP TO NEXT SECTION

NODE	XORD	YORD	TRIBUTARY LEN	
1	-600.000	300.000	.000	CANNOT MOVE IN Y DIRECTION
2	-600.000	280.000	.000	CANNOT MOVE IN Y DIRECTION
3	-600.000	260.000	.000	CANNOT MOVE IN Y DIRECTION
4	-600.000	240.000	.000	CANNOT MOVE IN Y DIRECTION
5	-600.000	220.000	.000	CANNOT MOVE IN Y DIRECTION
6	-600.000	200.000	.000	CANNOT MOVE IN Y DIRECTION
7	-600.000	180.000	.000	CANNOT MOVE IN Y DIRECTION
8	-600.000	160.000	.000	CANNOT MOVE IN Y DIRECTION
9	-600.000	140.000	.000	CANNOT MOVE IN Y DIRECTION
10	-600.000	120.000	.000	CANNOT MOVE IN Y DIRECTION
11	-600.000	100.000	.000	CANNOT MOVE IN Y DIRECTION
12	-600.000	80.000	.000	CANNOT MOVE IN Y DIRECTION
13	-600.000	60.000	.000	CANNOT MOVE IN Y DIRECTION
14	-600.000	40.000	.000	CANNOT MOVE IN Y DIRECTION
15	-600.000	20.000	.000	CANNOT MOVE IN Y DIRECTION
16	-600.000	.000	50.000	COMPLIANT BASE NODE
17	-500.000	300.000	.000	
18	-500.000	280.000	.000	
19	-500.000	260.000	.000	
20	-500.000	240.000	.000	

..... SKIP TO NEXT SECTION

ITERATION NO. 1

..... SKIP TO NEXT SECTION

ITERATION NO. 2

..... SKIP TO NEXT SECTION

ITERATION NO. 3

..... SKIP TO NEXT SECTION

ITERATION NO. 4

DAMPING SET AT THE FOLLOWING TWO FREQUENCIES:
THE FIRST NATURAL FREQUENCY: CIRC FREQ= 8.458; PERIOD= .743 SEC
5 TIMES THE NATURAL FREQ.: CIRC FREQ= 42.288; PERIOD= .149 SEC

TIME REQUIRED FOR FORMATION AND TRIANGULIZATION OF MATRICES = 2. SEC

MODULI (ENG: KSF or SI: KN/M^2) AND DAMPING

ELM	G-USED	G-NEW	DIF-G	DAMP-USED	DAMP-NEW	DIF-DAMP
1	67157.6	67157.4	.0	.02620	.02620	.0
2	64210.6	64209.6	.0	.02945	.02945	.0
3	62655.9	62654.5	.0	.03095	.03096	.0
4	60722.7	60714.2	.0	.03326	.03327	.0
5	59290.5	59281.7	.0	.03497	.03499	.0
6	58163.3	58153.2	.0	.03633	.03634	.0
7	57236.7	57225.4	.0	.03744	.03745	.0
8	56463.5	56452.1	.0	.03836	.03838	.0
9	86979.9	86967.8	.0	.03614	.03615	.0
10	86094.9	86083.5	.0	.03685	.03686	.0
11	85321.4	85308.5	.0	.03747	.03748	.0
12	84622.2	84608.1	.0	.03803	.03804	.0
13	83988.5	83977.3	.0	.03854	.03855	.0

14	136824.6	136808.8	.0	.03569	.03569	.0
15	135827.4	135812.2	.0	.03620	.03621	.0
16	64821.2	64819.6	.0	.02886	.02886	.0
17	64108.3	64107.3	.0	.02955	.02955	.0
18	62640.0	62638.2	.0	.03097	.03097	.0
19	60729.1	60721.4	.0	.03325	.03326	.0
20	59310.2	59302.3	.0	.03495	.03496	.0

..... SKIP TO NEXT SECTION

PEAK NODAL ACCELERATION VALUES (g's)

NODE	XORD	YORD	X-ACC	AT TIME	Y-ACC	AT TIME
1	-600.0	300.0	1.2126	10.1100	.0000	.0000
2	-600.0	280.0	1.2030	10.1100	.0000	.0000
3	-600.0	260.0	1.1697	10.1100	.0000	.0000
4	-600.0	240.0	1.1177	10.1150	.0000	.0000
5	-600.0	220.0	1.0843	10.1250	.0000	.0000
6	-600.0	200.0	1.0555	10.1250	.0000	.0000
7	-600.0	180.0	1.0042	10.1250	.0000	.0000
8	-600.0	160.0	.9220	10.1250	.0000	.0000
9	-600.0	140.0	.8782	10.1450	.0000	.0000
10	-600.0	120.0	.8567	10.1450	.0000	.0000
11	-600.0	100.0	.8208	10.1500	.0000	.0000
12	-600.0	80.0	.8192	10.1700	.0000	.0000
13	-600.0	60.0	.8296	10.1650	.0000	.0000
14	-600.0	40.0	.8225	10.1650	.0000	.0000
15	-600.0	20.0	.7966	10.1650	.0000	.0000
16	-600.0	.0	.7652	10.1600	.0000	.0000
17	-500.0	300.0	1.2109	10.1100	.0494	10.8500
18	-500.0	280.0	1.2003	10.1100	.0484	10.8500
19	-500.0	260.0	1.1672	10.1100	.0460	10.8500
20	-500.0	240.0	1.1144	10.1150	.0426	10.8500

..... SKIP TO NEXT SECTION

PEAK ELEMENTS STRESSES (ENG: PSF or SI: N/M^2) AND STRAINS

ELM	SIG-X	SIG-Y	SIG-XY	EPS-MAX	AT TIME
1	3316.8	62.4	1949.9	.003	10.110
2	3176.9	110.8	5764.2	.009	10.110
3	3115.9	150.6	9473.8	.015	10.110
4	3024.5	187.8	13012.2	.021	10.110
5	2950.9	217.8	16342.6	.028	10.110
6	2890.0	241.2	19546.9	.034	10.115
7	2838.0	259.4	22639.3	.040	10.120
8	2792.8	274.8	25580.6	.045	10.120
9	4168.5	279.4	28427.1	.033	10.120
10	4113.2	295.7	31225.6	.036	10.120
11	4062.7	309.9	33901.3	.040	10.125
12	4014.7	328.8	36513.4	.043	10.130
13	3968.1	352.6	39078.5	.047	10.130
14	6444.2	375.4	41834.9	.031	10.135
15	6378.9	397.6	44769.7	.033	10.135
16	9577.4	94.9	1896.5	.007	10.110
17	9483.2	216.4	5689.2	.009	10.110
18	9291.0	325.9	9364.5	.015	10.110
19	9028.3	416.5	12885.1	.021	10.110
20	8826.5	491.8	16200.1	.027	10.110

..... SKIP TO NEXT SECTION

ITERATION CYCLE NO. 4 AVE OVERALL DAMP = .036

TIME REQUIRED FOR 9625 STEPS = 772. SEC

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** END OF JOB **
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```

AVEACC.FOR

```
program AVEACC
*
*  AVEACC: calculate average acceleration time histories from given
*       a set of acceleration time histories
*
*  Zhiliang Wang, Aug., 2001
*
        parameter (max=20000)
        real*8 acc(max), ave(max),fct, dt
        integer  numacc,i,j, nhead,npnt
        character*15 fi,fo,facc,FMT,dum
        WRITE(*,*) '       INPUT FILE:     '
        READ (*,'(A)') FI
        OPEN(UNIT=1,FILE=FI)
        READ(1,'(A)') FO
        OPEN(UNIT=8,FILE=FO)
        READ(1,*) NHEAD,NPNT,DT,FCT
        write(*,*) NHEAD,NPNT,DT,FCT
        READ(1,'(A)') FMT
        write(*,*) fmt
          do 5 j=1,max
           ave(j)=0.0
5       continue
*
        do 100 i=1,1000
          READ(1,'(A)',end=101) facc
*         write(*,*) facc
          open(unit=7, file=facc, status='old')
         do 30 j=1,nhead
          read(7,'(a)') dum
30      continue
          read(7,fmt) (acc(j),j=1,npnt)
          do 50 j=1,npnt
           ave(j)=ave(j) + acc(j)
50      continue
          close(7)
          write(*,*) facc, 'done'
100     continue
101     numacc= i-1
          do 150 j=1,npnt
           ave(j)=ave(j) *fct/numacc
150      continue
         write(8,*) 'average acc from', numacc,'  files '
         write(*,*) 'average acc from', numacc,'  files '
         write(8,*) 'data = ', npnt,'  dt= ', dt
         write(*,*) 'data = ', npnt,'  dt= ', dt
         write(8,fmt) (ave(j),j=1,npnt)
         close(8)
         end
```

I146W1B.INP

```
I146W1B.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
```

I1461999.ACC

CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
Acceleration History (g's)
Time Step = .005 Sec
Node 1999X

-.000001	-.000003	-.000006	-.000008	-.000010	-.000012	-.000014	-.000016
-.000018	-.000019	-.000021	-.000022	-.000024	-.000027	-.000029	-.000035
-.000045	-.000065	-.000100	-.000155	-.000236	-.000340	-.000463	-.000587
-.000696	-.000773	-.000811	-.000811	-.000788	-.000751	-.000719	-.000698
-.000694	-.000705	-.000730	-.000760	-.000786	-.000800	-.000794	-.000767
-.000715	-.000645	-.000571	-.000496	-.000437	-.000394	-.000374	-.000373
-.000379	-.000386	-.000377	-.000348	-.000288	-.000205	-.000099	.000007
.000102	.000169	.000193	.000166	.000080	-.000051	-.000228	-.000426
-.000642	-.000848	-.001029	-.001150	-.001194	-.001146	-.001018	-.000836
-.000648	-.000506	-.000431	-.000450	-.000520	-.000606	-.000640	-.000566
-.000368	-.000056	.000320	.000686	.000942	.001027	.000883	.000497
-.000125	-.000895	-.001803	-.002722	-.003621	-.004403	-.005039	-.005450
-.005632	-.005527	-.005166	-.004570	-.003816	-.002976	-.002269	-.001767
-.001679	-.002035	-.002858	-.004012	-.005333	-.006638	-.007821	-.008779
-.009514	-.010096	-.010678	-.011256	-.011956	-.012759	-.013637	-.014495
-.015182	-.015560	-.015631	-.015279	-.014635	-.013875	-.013207	-.012706

..... LINES SKIPPED

.002661	.002952	.003187	.003360	.003373	.003303	.003105	.002735
.002429	.001906	.001494	.001051	.000719	.000544	.000416	.000459
.000560	.000733	.001025	.001247	.001516	.001751	.001965	.002123
.002268	.002355	.002457	.002507	.002547	.002584	.002583	.002565
.002497	.002440	.002370	.002257	.002214	.002187	.002139	.002146
.002105	.002111	.002093	.002074	.002090	.002129	.002170	.002249
.002311	.002431	.002495	.002577	.002578	.002573	.002508	.002432
.002343	.002220	.002116	.002045	.001934	.001920	.001875	.001884
.001901	.001948	.001981	.002034	.002060	.002112	.002122	.002181
.002180	.002231	.002226	.002240	.002230	.002212	.002185	.002150
.002095	.002034	.001952	.001838	.001763	.001663	.001589	.001554
.001474	.001517	.001486	.001518	.001564	.001583	.001629	.001683
.001699	.001766	.001809	.001864	.001954	.002020	.002098	.002204
.002265	.002359	.002421	.002486	.002536	.002559	.002590	.002566
.002585	.002549	.002547	.002494	.002448	.002385	.002317	.002248
.002145	.002080	.001971	.001899	.001825	.001738	.001701	.001648
.001618	.001623	.001594	.001605	.001631	.001623	.001647	.001650
.001674	.001694	.001704	.001721	.001743	.001761	.001771	.001801
.001819	.001845	.001867	.001889	.001910	.001942	.001956	.001995
.002012							

I1462222.ACC

CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
Acceleration History (g's)
Time Step = .005 Sec
Node 2222X

-.000001	-.000003	-.000006	-.000008	-.000010	-.000012	-.000014	-.000016
-.000018	-.000019	-.000021	-.000022	-.000024	-.000026	-.000029	-.000033
-.000039	-.000051	-.000072	-.000107	-.000163	-.000241	-.000343	-.000460
-.000578	-.000681	-.000756	-.000797	-.000803	-.000786	-.000759	-.000733
-.000716	-.000718	-.000729	-.000749	-.000776	-.000794	-.000807	-.000797
-.000770	-.000724	-.000660	-.000592	-.000527	-.000474	-.000435	-.000419
-.000414	-.000416	-.000415	-.000401	-.000366	-.000306	-.000219	-.000117
-.000012	.000084	.000152	.000178	.000153	.000080	-.000043	-.000208
-.000399	-.000605	-.000804	-.000975	-.001094	-.001141	-.001104	-.000995
-.000839	-.000674	-.000556	-.000490	-.000501	-.000564	-.000615	-.000626
-.000532	-.000323	-.000021	.000340	.000663	.000891	.000943	.000781
.000393	-.000200	-.000952	-.001810	-.002697	-.003549	-.004323	-.004932
-.005355	-.005541	-.005475	-.005164	-.004604	-.003918	-.003151	-.002486
-.002037	-.001962	-.002304	-.003071	-.004111	-.005366	-.006585	-.007716
-.008670	-.009471	-.010110	-.010778	-.011485	-.012248	-.013132	-.014025
-.014853	-.015488	-.015822	-.015804	-.015429	-.014830	-.014056	-.013398

..... LINES SKIPPED

.001928	.002209	.002478	.002708	.002901	.002887	.002897	.002729
.002462	.002141	.001747	.001391	.001037	.000792	.000626	.000591
.000658	.000781	.000995	.001250	.001508	.001747	.002020	.002205
.002386	.002521	.002620	.002702	.002756	.002739	.002750	.002710
.002629	.002522	.002398	.002264	.002116	.002020	.001960	.001905
.001872	.001889	.001827	.001910	.001920	.001953	.002047	.002097
.002208	.002334	.002441	.002521	.002614	.002623	.002615	.002577
.002541	.002425	.002331	.002249	.002145	.002079	.002033	.001982
.001962	.001983	.001984	.002037	.002046	.002098	.002105	.002150
.002159	.002175	.002185	.002219	.002198	.002185	.002161	.002105
.002036	.001988	.001924	.001770	.001731	.001588	.001529	.001442
.001422	.001371	.001403	.001419	.001454	.001541	.001601	.001639
.001756	.001835	.001890	.001960	.002096	.002137	.002233	.002342
.002435	.002497	.002578	.002632	.002657	.002664	.002672	.002652
.002632	.002564	.002527	.002446	.002391	.002299	.002223	.002122
.002022	.001945	.001821	.001765	.001665	.001619	.001549	.001524
.001523	.001492	.001520	.001553	.001578	.001622	.001657	.001698
.001730	.001777	.001792	.001831	.001845	.001885	.001899	.001912
.001953	.001952	.001980	.001989	.002001	.002010	.002026	.002033
.002043							

I1462461.ACC

CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
Acceleration History (g's)
Time Step = .005 Sec
Node 2461X

-.000001	-.000003	-.000006	-.000008	-.000010	-.000012	-.000014	-.000016
-.000018	-.000019	-.000021	-.000022	-.000024	-.000027	-.000029	-.000032
-.000037	-.000044	-.000057	-.000079	-.000116	-.000171	-.000249	-.000346
-.000456	-.000565	-.000663	-.000736	-.000779	-.000794	-.000788	-.000769
-.000753	-.000741	-.000739	-.000750	-.000769	-.000786	-.000806	-.000810
-.000803	-.000778	-.000735	-.000681	-.000622	-.000563	-.000515	-.000483
-.000463	-.000456	-.000453	-.000448	-.000426	-.000390	-.000324	-.000241
-.000141	-.000035	.000060	.000128	.000160	.000147	.000080	-.000028
-.000184	-.000364	-.000559	-.000751	-.000914	-.001030	-.001079	-.001056
-.000966	-.000839	-.000703	-.000598	-.000542	-.000545	-.000579	-.000604
-.000579	-.000473	-.000266	.000018	.000327	.000614	.000797	.000821
.000658	.000278	-.000283	-.000996	-.001813	-.002663	-.003498	-.004234
-.004846	-.005256	-.005472	-.005422	-.005147	-.004661	-.004005	-.003332
-.002719	-.002347	-.002272	-.002597	-.003274	-.004254	-.005352	-.006526
-.007596	-.008583	-.009408	-.010185	-.010947	-.011727	-.012607	-.013484
-.014377	-.015156	-.015778	-.016063	-.016034	-.015610	-.015048	-.014347

..... LINES SKIPPED

.001180	.001405	.001723	.001984	.002229	.002479	.002541	.002616
.002497	.002354	.002109	.001772	.001468	.001210	.000973	.000885
.000862	.000899	.001085	.001228	.001511	.001728	.001968	.002210
.002410	.002564	.002712	.002805	.002846	.002908	.002889	.002824
.002776	.002651	.002515	.002327	.002150	.001981	.001833	.001737
.001659	.001621	.001632	.001640	.001691	.001754	.001836	.001946
.002055	.002213	.002338	.002460	.002584	.002654	.002696	.002708
.002690	.002625	.002589	.002487	.002405	.002299	.002244	.002178
.002110	.002085	.002052	.002061	.002041	.002072	.002052	.002065
.002059	.002105	.002063	.002101	.002086	.002054	.002072	.002017
.001960	.001928	.001837	.001749	.001691	.001578	.001507	.001425
.001388	.001355	.001348	.001390	.001449	.001523	.001599	.001716
.001811	.001906	.001996	.002120	.002183	.002285	.002362	.002455
.002540	.002605	.002663	.002701	.002716	.002734	.002693	.002677
.002597	.002562	.002466	.002390	.002296	.002206	.002111	.001995
.001911	.001812	.001703	.001647	.001558	.001503	.001462	.001443
.001430	.001442	.001459	.001512	.001550	.001618	.001673	.001750
.001800	.001859	.001905	.001938	.001971	.002014	.002022	.002051
.002067	.002087	.002072	.002095	.002079	.002076	.002078	.002061
.002052							

I1462715.ACC

CNEWIS1: DIABLO CANYON POWR PLANT, I-I cross section
Acceleration History (g's)
Time Step = .005 Sec
Node 2715X

-.000001	-.000003	-.000005	-.000008	-.000010	-.000012	-.000014	-.000016
-.000018	-.000019	-.000021	-.000022	-.000024	-.000026	-.000029	-.000032
-.000034	-.000039	-.000046	-.000058	-.000080	-.000114	-.000167	-.000242
-.000333	-.000442	-.000551	-.000651	-.000730	-.000781	-.000802	-.000802
-.000786	-.000768	-.000754	-.000752	-.000760	-.000779	-.000802	-.000821
-.000832	-.000827	-.000806	-.000768	-.000717	-.000660	-.000606	-.000560
-.000523	-.000505	-.000495	-.000489	-.000485	-.000466	-.000428	-.000366
-.000279	-.000177	-.000064	.000041	.000122	.000171	.000170	.000117
.000018	-.000129	-.000305	-.000499	-.000694	-.000862	-.000988	-.001050
-.001040	-.000969	-.000849	-.000721	-.000612	-.000544	-.000532	-.000549
-.000569	-.000556	-.000460	-.000287	-.000031	.000271	.000543	.000732
.000785	.000643	.000294	-.000243	-.000951	-.001759	-.002619	-.003458
-.004207	-.004850	-.005278	-.005515	-.005496	-.005258	-.004798	-.004183
-.003504	-.002914	-.002498	-.002400	-.002643	-.003288	-.004200	-.005287
-.006475	-.007583	-.008629	-.009525	-.010338	-.011142	-.011951	-.012799
-.013745	-.014597	-.015467	-.016101	-.016428	-.016401	-.016080	-.015462

..... LINES SKIPPED

.000482	.000643	.000886	.001213	.001546	.001882	.002180	.002398
.002522	.002529	.002429	.002230	.002038	.001695	.001481	.001278
.001127	.001106	.001228	.001267	.001512	.001701	.001928	.002157
.002390	.002551	.002710	.002846	.002894	.002933	.002963	.002923
.002882	.002748	.002604	.002447	.002220	.002059	.001818	.001648
.001517	.001445	.001381	.001411	.001414	.001535	.001598	.001726
.001893	.002035	.002235	.002365	.002515	.002702	.002760	.002834
.002873	.002845	.002830	.002751	.002650	.002581	.002461	.002364
.002286	.002227	.002153	.002107	.002091	.002013	.001995	.001993
.001929	.001956	.001921	.001902	.001902	.001902	.001884	.001864
.001853	.001813	.001755	.001742	.001643	.001594	.001553	.001450
.001440	.001413	.001416	.001438	.001505	.001572	.001678	.001780
.001910	.002027	.002128	.002225	.002330	.002398	.002468	.002549
.002601	.002638	.002698	.002720	.002726	.002700	.002683	.002598
.002570	.002491	.002378	.002302	.002192	.002083	.001993	.001873
.001794	.001704	.001606	.001539	.001486	.001437	.001414	.001379
.001397	.001412	.001453	.001493	.001566	.001624	.001713	.001794
.001874	.001956	.002002	.002069	.002109	.002137	.002158	.002186
.002185	.002196	.002179	.002170	.002158	.002124	.002096	.002071
.002047							

I146W1B.ACC

```
average acc from            4  files
data =          9625  dt=    0.500000000000000D-002
 -0.000001 -0.000003 -0.000006 -0.000008 -0.000010 -0.000012 -0.000014 -0.000016
 -0.000018 -0.000019 -0.000021 -0.000022 -0.000024 -0.000026 -0.000029 -0.000033
 -0.000039 -0.000050 -0.000069 -0.000100 -0.000149 -0.000217 -0.000305 -0.000409
 -0.000516 -0.000615 -0.000695 -0.000749 -0.000775 -0.000778 -0.000767 -0.000751
 -0.000737 -0.000733 -0.000738 -0.000753 -0.000773 -0.000790 -0.000802 -0.000799
 -0.000780 -0.000744 -0.000693 -0.000634 -0.000576 -0.000523 -0.000483 -0.000459
 -0.000445 -0.000441 -0.000435 -0.000421 -0.000391 -0.000342 -0.000267 -0.000179
 -0.000082  0.000010  0.000085  0.000128  0.000129  0.000087 -0.000005 -0.000136
 -0.000302 -0.000486 -0.000674 -0.000844 -0.000974 -0.001045 -0.001047 -0.000984
 -0.000873 -0.000747 -0.000635 -0.000565 -0.000544 -0.000565 -0.000592 -0.000586
 -0.000512 -0.000352 -0.000107  0.000189  0.000475  0.000701  0.000791  0.000708
  0.000428 -0.000044 -0.000686 -0.001443 -0.002271 -0.003094 -0.003870 -0.004518
 -0.005010 -0.005293 -0.005348 -0.005168 -0.004766 -0.004203 -0.003556 -0.002942
 -0.002485 -0.002315 -0.002483 -0.003020 -0.003840 -0.004887 -0.005989 -0.007077
 -0.008064 -0.008933 -0.009706 -0.010436 -0.011182 -0.011969 -0.012832 -0.013701
 -0.014539 -0.015200 -0.015674 -0.015812 -0.015631 -0.015179 -0.014598 -0.013978
 -0.013480 -0.013208 -0.013155 -0.013333 -0.013656 -0.014089 -0.014507 -0.014907
 -0.015175 -0.015302 -0.015215 -0.014904 -0.014268 -0.013387 -0.012213 -0.010842

 ..................... LINES SKIPPED

  0.001563  0.001802  0.002069  0.002316  0.002512  0.002638  0.002681  0.002620
  0.002478  0.002233  0.001945  0.001611  0.001315  0.001060  0.000874  0.000803
  0.000802  0.000880  0.001083  0.001248  0.001512  0.001732  0.001970  0.002174
  0.002364  0.002498  0.002625  0.002715  0.002761  0.002791  0.002796  0.002756
  0.002696  0.002590  0.002472  0.002324  0.002175  0.002062  0.001937  0.001859
  0.001788  0.001767  0.001733  0.001759  0.001779  0.001843  0.001913  0.002005
  0.002117  0.002253  0.002377  0.002481  0.002573  0.002638  0.002645  0.002638
  0.002612  0.002529  0.002466  0.002383  0.002283  0.002220  0.002153  0.002102
  0.002065  0.002061  0.002043  0.002060  0.002059  0.002074  0.002069  0.002097
  0.002082  0.002117  0.002099  0.002116  0.002104  0.002088  0.002076  0.002034
  0.001986  0.001941  0.001867  0.001775  0.001707  0.001606  0.001545  0.001468
  0.001431  0.001414  0.001413  0.001441  0.001493  0.001555  0.001627  0.001705
  0.001794  0.001883  0.001956  0.002042  0.002141  0.002210  0.002290  0.002387
  0.002460  0.002525  0.002590  0.002635  0.002659  0.002664  0.002659  0.002623
  0.002596  0.002541  0.002479  0.002408  0.002332  0.002243  0.002161  0.002060
  0.001968  0.001885  0.001775  0.001713  0.001633  0.001574  0.001531  0.001499
  0.001492  0.001492  0.001507  0.001541  0.001581  0.001622  0.001673  0.001723
  0.001770  0.001821  0.001851  0.001890  0.001917  0.001949  0.001962  0.001988
  0.002006  0.002020  0.002024  0.002036  0.002037  0.002038  0.002039  0.002040
  0.002038
```

VERIFICATION:
SUM OF THE 81ST RECORDS FROM TIME HISTORIES,

	I1461999.ACC	-0.000368
	I1462222.ACC	-0.000532
	I1462461.ACC	-0.000579
+)	I1462715.ACC	-0.000569
		-0.002048

AVERAGE VALUE IS -0.000512 AS SHOWN ABOVE.

I146W1B.INP

```
I146W1B.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
```

I146W2C.INP

```
I146W2C.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
I1462848.ACC
I1462985.ACC
I1461271.ACC
I1461430.ACC
I1461606.ACC
I1461798.ACC
I1462007.ACC
I1462230.ACC
I1462470.ACC
I1462724.ACC
```

I146W3C.INP

```
I146W3C.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
I1462848.ACC
I1462985.ACC
I1461271.ACC
I1461430.ACC
I1461606.ACC
I1461798.ACC
I1462007.ACC
I1462230.ACC
I1462470.ACC
I1462724.ACC
I1460970.ACC
I1461132.ACC
I1461278.ACC
I1461437.ACC
I1461615.ACC
I1461808.ACC
I1462017.ACC
I1462239.ACC
I1462479.ACC
I1462733.ACC
I1462859.ACC
```

I146W3C1.INP

```
I146W3C1.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
I1462848.ACC
I1462985.ACC
I1461271.ACC
I1461430.ACC
I1461606.ACC
I1461798.ACC
I1462007.ACC
I1462230.ACC
I1462470.ACC
I1462724.ACC
I1460605.ACC
I1460970.ACC
I1461132.ACC
I1461278.ACC
I1461437.ACC
I1461615.ACC
I1461808.ACC
I1462017.ACC
I1462239.ACC
I1462479.ACC
I1462733.ACC
I1462859.ACC
```

I146W3C2.INP

```
I146W3C2.ACC
4  9625 0.005 1.0
(8F10.6)
I1461999.ACC
I1462222.ACC
I1462461.ACC
I1462715.ACC
I1462848.ACC
I1462985.ACC
I1461271.ACC
I1461430.ACC
I1461606.ACC
I1461798.ACC
I1462007.ACC
I1462230.ACC
I1462470.ACC
I1462724.ACC
I1461132.ACC
I1461278.ACC
I1461437.ACC
I1461615.ACC
I1461808.ACC
I1462017.ACC
I1462239.ACC
I1462479.ACC
I1462733.ACC
I1462859.ACC
```

I546W1B.INP

```
I546W1B.ACC
4  4000 0.010 1.0
(8F10.6)
I5461999.ACC
I5462222.ACC
I5462461.ACC
I5462715.ACC
```

I546W2C.INP

```
I546W2C.ACC
4  4000 0.010 1.0
(8F10.6)
I5461999.ACC
I5462222.ACC
I5462461.ACC
I5462715.ACC
I5462848.ACC
I5462985.ACC
I5461271.ACC
I5461430.ACC
I5461606.ACC
I5461798.ACC
I5462007.ACC
I5462230.ACC
I5462470.ACC
I5462724.ACC
```

I546W3C.INP

```
I546W3C.ACC
4  4000 0.01 1.0
(8F10.6)
I5461999.ACC
I5462222.ACC
I5462461.ACC
I5462715.ACC
I5462848.ACC
I5462985.ACC
I5461271.ACC
I5461430.ACC
I5461606.ACC
I5461798.ACC
I5462007.ACC
I5462230.ACC
I5462470.ACC
I5462724.ACC
I5460970.ACC
I5461132.ACC
I5461278.ACC
I5461437.ACC
I5461615.ACC
I5461808.ACC
I5462017.ACC
I5462239.ACC
I5462479.ACC
I5462733.ACC
I5462859.ACC
```

I546W3C1.INP

```
I546W3C1.ACC
4  4000 0.01 1.0
(8F10.6)
I5461999.ACC
I5462222.ACC
I5462461.ACC
I5462715.ACC
I5462848.ACC
I5462985.ACC
I5461271.ACC
I5461430.ACC
I5461606.ACC
I5461798.ACC
I5462007.ACC
I5462230.ACC
I5462470.ACC
I5462724.ACC
I5460605.ACC
I5460970.ACC
I5461132.ACC
I5461278.ACC
I5461437.ACC
I5461615.ACC
I5461808.ACC
I5462017.ACC
I5462239.ACC
I5462479.ACC
I5462733.ACC
I5462859.ACC
```

I546W3C2.INP

```
I546W3C2.ACC
4  4000 0.01 1.0
(8F10.6)
I5461999.ACC
I5462222.ACC
I5462461.ACC
I5462715.ACC
I5462848.ACC
I5462985.ACC
I5461271.ACC
I5461430.ACC
I5461606.ACC
I5461798.ACC
I5462007.ACC
I5462230.ACC
I5462470.ACC
I5462724.ACC
I5461132.ACC
I5461278.ACC
I5461437.ACC
I5461615.ACC
I5461808.ACC
I5462017.ACC
I5462239.ACC
I5462479.ACC
I5462733.ACC
I5462859.ACC
```