

DMS

PRINCIPAL STAFF	
RA	OPRP
D/RA	DE
A/RA	DRMSP
RC	DRMA
PAO	SCS
SGA	ML
ENF	File

orig 3

DOCUMENTATION TRANSMITTAL

To: Stone & Webster - CIO
 PO Box 1963
 Midland, MI 48640

Transmittal No: CIO-0055
 Date: May 25, 1984

Attention: Ralph Butler

The documentation listed below ___ is provided herewith, X was previously provided on 5-24-84 ; as requested by Ralph Butler .

Documentation Description: Nonconformance Report - C-01006

CIO ___ has X has not been placed on routine transmittal for the described documentation.

Jeanne Kinne
 Signature

50 329
 50-330

- CC RJCook, NRC Site (w/a, unless voluminous)
- JJHarrison, NRC Region III (w/a, unless voluminous)
- DDJohnson, SMO (w/o)
- JGKeppler, NRC Region III (w/a, unless voluminous)
- BHPeck, SMO (w/o)
- NIRichel, SMO (w/o)
- RAWells, MPQAD (w/o)
- CMThompson - File 24.2 (w/a, unless voluminous)

MI0384-0001A-QL06

8406050274 840525
 PDR ADOCK 05000329
 S PDR

IEO1
 JUN 1 1984

NONCONFORMANCE REPORT

ORIGINAL

16 NCR NO. C-01006

17 DATE ISSUED 1-20-84

18 REV 01/3/84

19 PAGE 1 OF 2 3638 / JW

1 ITEM LOCATION

Aux. Bldg. Elev. 568' through 634'. See attached sheet for locations

2 ITEM DRAWING/PART NO.

Vendor 0085-2 & 2A

3 ITEM PART NAME

Watertight doors & frames

4 ITEM SERIAL NO.

N/A

5 ITEM DESCRIPTION

Contract A17AQ Julius Mock & Sons, Inc.
 Watertight doors & frames

6 ITEM STARTUP SYSTEM NO.
 ORGC

7 REFERENCE DOCUMENT Vendor Procedure WP.1
 C-304(Q) Rev. 13 (Specification) & AWS D1.1

8 ASME A.R.I. REQUIRED
 YES NO

9 INSPECTION RECORD NO.

N/A

LOG NO.

N/A

REV NO.

N/A

10 RESPONSIBLE ORGANIZATION

Vendor

11 NONCONFORMANCE DISCOVERED DURING:

- DESIGN RECEIVING CONST RELEASE FOR INSPECT
 POST INSPECT TURNOVER POST TURNOVER PRE-OP TEST FINAL TURNOVER OVERINSPECT

12 REQUIREMENT

~~Spec C-304(Q) Rev. 13, Sec. 6.2 states that all structural steel and misc. steel to conform to visual acceptance of AWS D1.1, Sec. 9.25. The following exceptions and clarifications are to be applied; fillet weld sizes shall be shown in drawings and measured to the nearest 1/16", undercut shall not exceed 1/32" or 25% of base metal thickness (whichever is less), and piping porosity shall be acceptable provided total sum of diameters does not exceed 3/8" in any linear inch and not exceed 3/4" in any 12 linear inches. Additionally, isolated undercut of 1/16" for base metal thicknesses of 1/4" and over may be tolerated for an accumulated length of 2" in any 12 inches of weld.~~

13 NONCONFORMANCE

Welding on doors and frames 5,6,7,8,210,205,14,15,18,23,24,25,26,109,29,31,32,33,34,35, 40,43,44,45,46,53,65,77,84,88,108 contain non-conforming conditions (Eg. 'undercut', slag, porosity and undersized welds).

Welding on the above mentioned doors and frames is not in compliance with project approved vendor drawings and project approved welding procedure specifications.

See attached 31 drawings for results of a partial weld inspection completed by field welding engineers on 2-10-84

14 NCR ORIGINATED BY (PERSON)

Randall Womack 1-19-84

15 NCR ORIGINATED BY (DISCIPLINE)

Welding Engineer

20 NUMBER OF HOLD TAGS (IF APPLIED)

62

21 LOCATION OF HOLD TAGS

SEE Pg 2 of 2 3

22 POTENTIAL 50.55(e)

YES

24 ACTION ITEM NO.

S04345

26 ITEM PRIORITY CODE NO.

53

28 NCR REVIEWED BY

3/3/84

23 REPORTED TO MPOA MANAGER

DATE 3/2/84

25 DISCIPLINE:

A/C

27 TREND CODE

M-7

DATE:

1/24/84

29 CRUISE VENDOR WORKMANSHIP

30 PROCESS CORRECTIVE ACTION
 YES NO QAR NO. _____

31 RECOMMENDED DISPOSITION
 REMARK SCRAP/REJECT REPAIR USE AS IS

32 CONDITIONAL RELEASE
 YES NO

31A ADDITIONAL INFORMATION PROJECT TO EVALUATE *L. Hawley 3/12/84*
SEE SH'S 37 + 38 OF 38 FOR PROJECT ENGINEERING'S DISPOSITION

33 DISTRIBUTION FOR ACTION PROJECT

34 DISPOSITION CONCURRENCE

<i>GA Sullivan for EB Pospu</i>	<i>4/27/84</i>				
PROJECT FIELD ENGINEER	DATE	MPOAD CONCURRENCE	DATE	PFQCE (ASME)	DATE
LEAD DESIGN ORG ^{AVP}				-	
	<i>5-2-84</i>			PQAE (ASME)	DATE
<i>Pospuh</i>	<i>5/2/84</i>				
LEAD DESIGN ORG	DATE	CP Co SMO (for turned over systems)	DATE	A.N.I. (ASME)	DATE
PROJECT FIELD ENGINEER					
	<i>8-2-84</i>				

35 DISPOSITION ACTION TAKEN

RECEIVED
MAR 13 1984
Midland Project
A

36 METHOD OF DISPOSITION ACTION VERIFICATION
RESULT OF DISPOSITION ACTION VERIFICATION
 ACCEPTABLE UNACCEPTABLE
IF UNACCEPTABLE, REFERENCE SUPERCEDING NCR NUMBER _____

37 NCR CLOSED BY

MPOAD DATE

A.N.I. (ASME) DATE

MIDLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO. C-01006

DATE ISSUED
3/2/84

REV
1

PAGE 2 OF 3638
AN

AP
3/2/84

Page 1 continued;

Blk. 12 Requirement: Vendor, project approved welding procedure WP-1: Welding shall be performed in accordance with AWS D1.1 and in accordance with approved shop dwgs.

See attached copy of WP.1

ORIGINAL

**NONCONFORMANCE REPORT
 CONTINUATION SHEET**

NCR NO. C-01006

DATE ISSUED
 1-20-84

REV
 01 05 2/2/74

PAGE 3 OF 2638

DOOR AND FRAME LOCATION

FRAME	EL	AREA	ROOM	DOOR	WAREHOUSE 3
5					X
6					X
7					X
8					X
210	575	340A	40	SAME	
205	"	540A	1	SAME	
14	584	120K	126	WISE 3	
15	"	103A	130	" "	
18	"	102A	131	" "	
23	"	120D	118	" "	
24	"	120C	117	" "	
25	"	120A	111	" "	
26	"	120B	113	" "	
29	"	102A	116	" "	
31	"	120F	121	" "	
32	"	120G	122	" "	
33	"	120H	124	" "	
34	"	120J	125	" "	
35	599	130H	216	" "	
40	"	130J	217	" "	
43	"	130F	214	" "	
44	"	130G	215	" "	
45	"	130D	212	" "	
46	"	130E	213	" "	
53	614	103B	328	" "	
65	"	102B	329	" "	
77	"	210B	358	" "	
84	"	210E	361	" "	
88	"	210C	359	" "	
108	634	150C	420	" "	
109	"	150R	421	" "	

WELDING PROCEDURE NO. WP-10

TO BE USED WITH JOINT DETAILS SHOWN ON WELD PROCEDURES WP-11, 12, 13 & 14

GENERAL

Welding shall be performed in accordance with AWS D1.1 and in accordance with approved shop drawing. Welding shall be performed by qualified welders only inside the shop. All joints are to be AWS prequalified. Process - The welding process shall be shielded metal arc., base material A36.

POSITION

The welding shall be done in the 1G, 1F & 2F position

PREHEAT

No preheating shall be used.

HEAT TREATMENT

No post weld heat treatment required.

BACKING STRIP

The welded joints shall not utilize a backing strip. Gouge root to sound metal before welding second side.

PREPARATION

Surfaces and edges to be welded shall be wire brushed and ground clean and smooth and shall be free of all loose mill scale.

ASSEMBLY

All parts to be joined shall be brought in to as close contact as possible. Gaps shall not exceed 1/8" and the joints shall be properly aligned and held in position by clamps, wedges or other suitable devices utilizing jigs and fixtures wherever possible. Assemblies shall be tack welded with single pass welds which are to be remelted and incorporated in to the continuous welds.

**UNCONTROLLED
NOT TO BE USED
FOR CONSTRUCTION**

The weld sequence shall skip around the entire welding periphery and both sides of the joining surfaces to minimize distortion and shrinkage. Upon completion of welding, welds shall cool to ambient temperatures. Weld surfaces shall be peened and brushed clean of all slag and other impurities. Assemblies shall be straightened as required by hydraulic press or manual means. Welded joints shall not be painted until all welding has been completed and the assembly approved and tested.

Manufacturer: JULIUS MOCK & SONS, INC.

Authorized By: *Edward F. Drake* Q.A. Mgr.

Date 6-15-79 Issue 1 Sheet 1 of 2

Date Issue

WELDING PROCEDURE NO. WP-1 (Cont'd.)

CLEANING

ALL slag and flux and any defects that appear on a bead of welding shall be removed by chipping, or grinding before the next pass is started. Welds need not be removed unless cracked or defective, but they must be completely fused in the root bead.

INSPECTION

Visually inspect welds for quality of workmanship.

The following are defect criteria:

- a. Cracks - not allowed.
- b. Craters - not allowed.
- c. Undercuts - Shall not be more than 0.01" deep when its direction is transverse to primary tensile stress in part that is undercut, nor more than 1/32" for all other situations.
- d. Overlaps/Concavities - not allowed.
- e. Convexity - MAX. 1/8"
- f. Porosity - The sum of diameters of piping porosity shall not exceed 3/8 in. in any lineal foot of weld and shall not exceed 3/4 in. in any 12 in. length of weld.

Δ
2

UNCONTROLLED
NOT TO BE USED
FOR CONSTRUCTION

TECHNIQUE

For type and size of joint, see applicable drawings.

For welding technique see table below.

MATERIAL	TYPE OF WELD	ELECTRODE		WELD'G CURRENT	
		TYPE	SIZE	AMPS	VOLTS
Mild Steel ASTM.A.36	Fillet & Groove	E 7018	5/32"	180	

UNCONTROLLED
NOT TO BE USED
FOR CONSTRUCTION

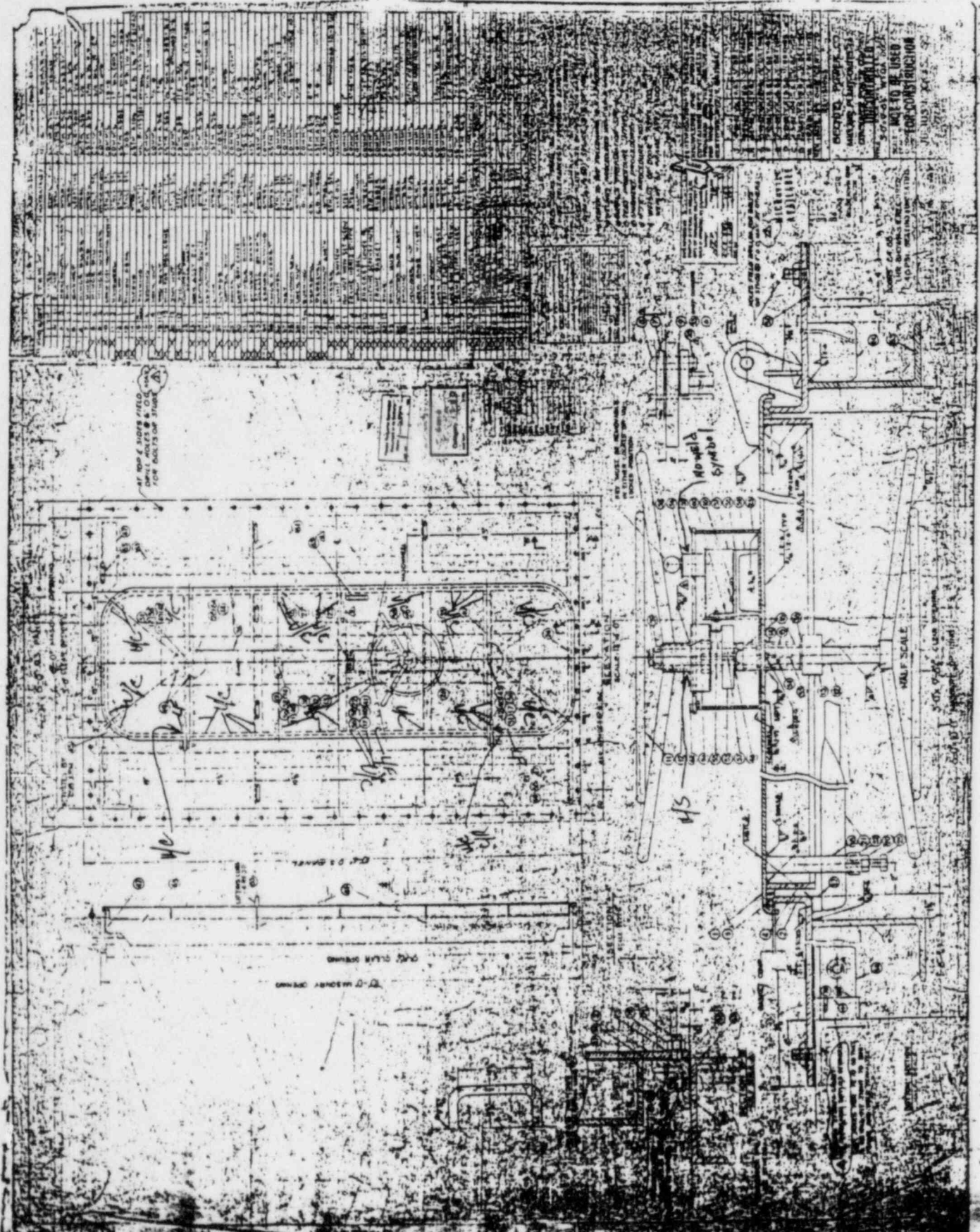
Weld Current - DC
Polarity - Reverse

Manufacturer: JULIUS MOGK & SONS, INC.
 Authorized By: Edward T. Arabe Q.A. Mgr.
 Date 6/15/79 Issue 1 Sheet 2 of 2
 Date _____ Issue _____
 Date _____ Issue _____

UIC C-01006 Page 6 of 38
as Rev 1
4/16/84

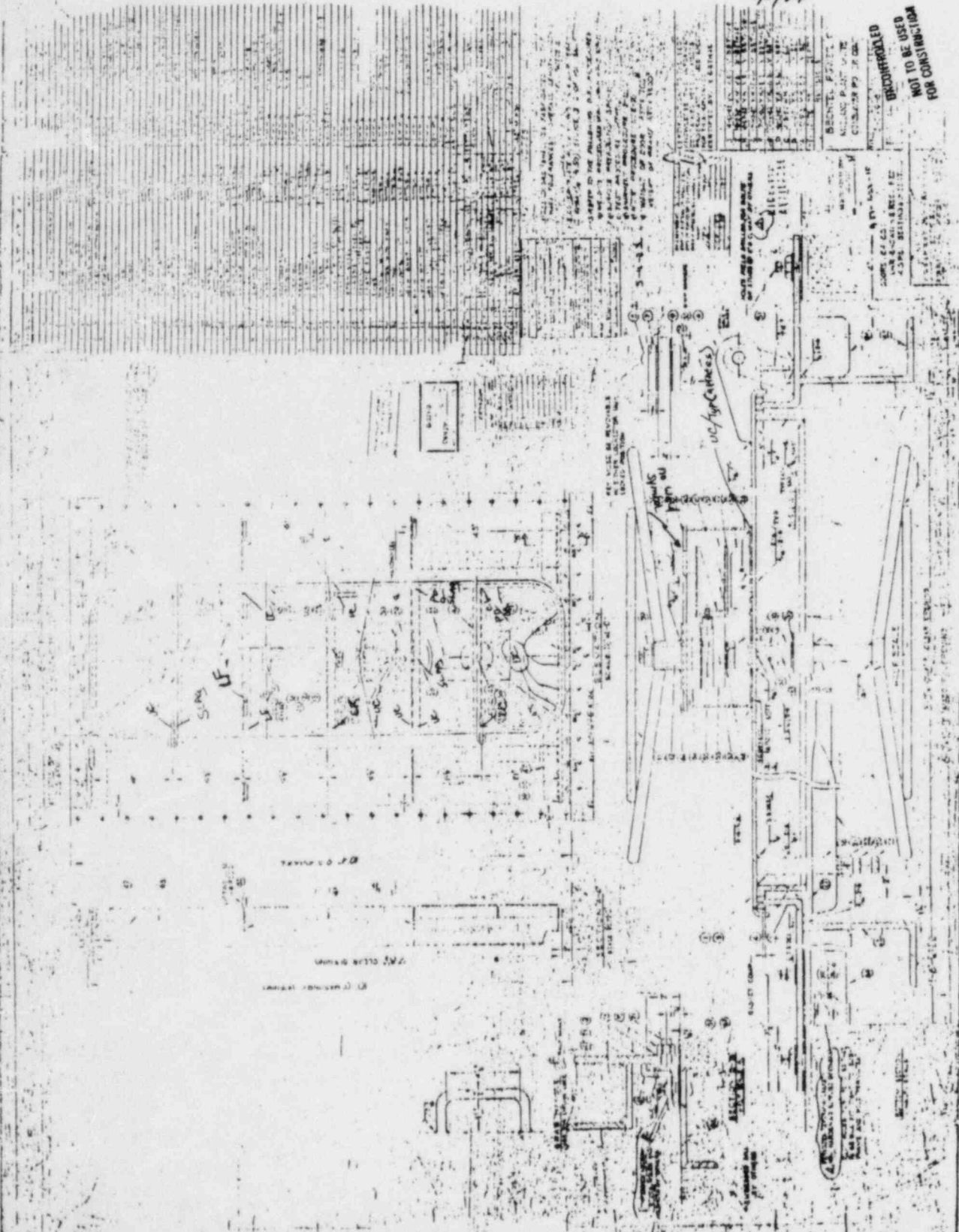
Door # 88 (C)

Pages 6 thru 36
are just
reference copies.
The big prints
are in QC Vault.



DO NOT FOR PLOM
P.E.S. WORKS = S/H
K.M. WORKS = 2/H

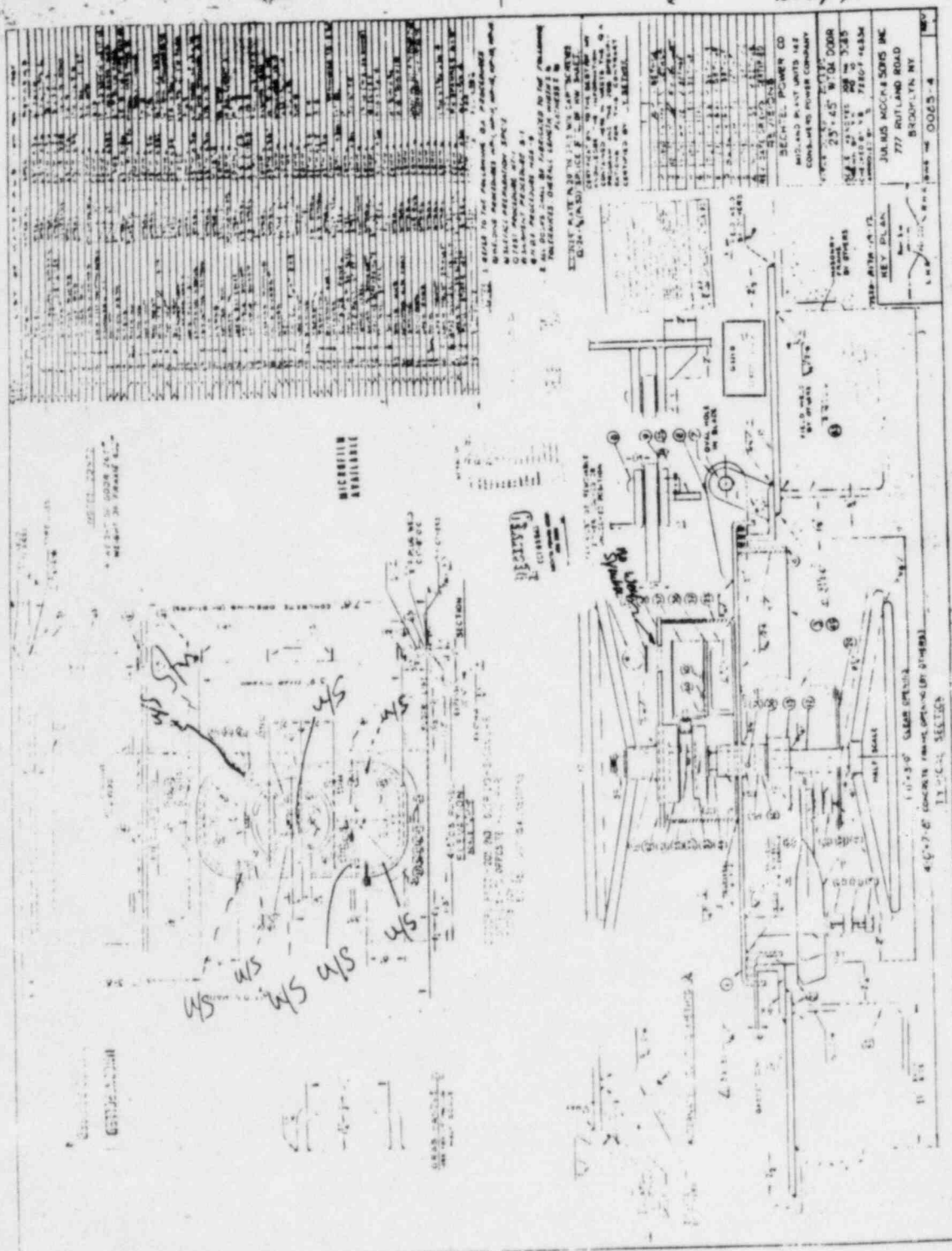
Plan # 84C



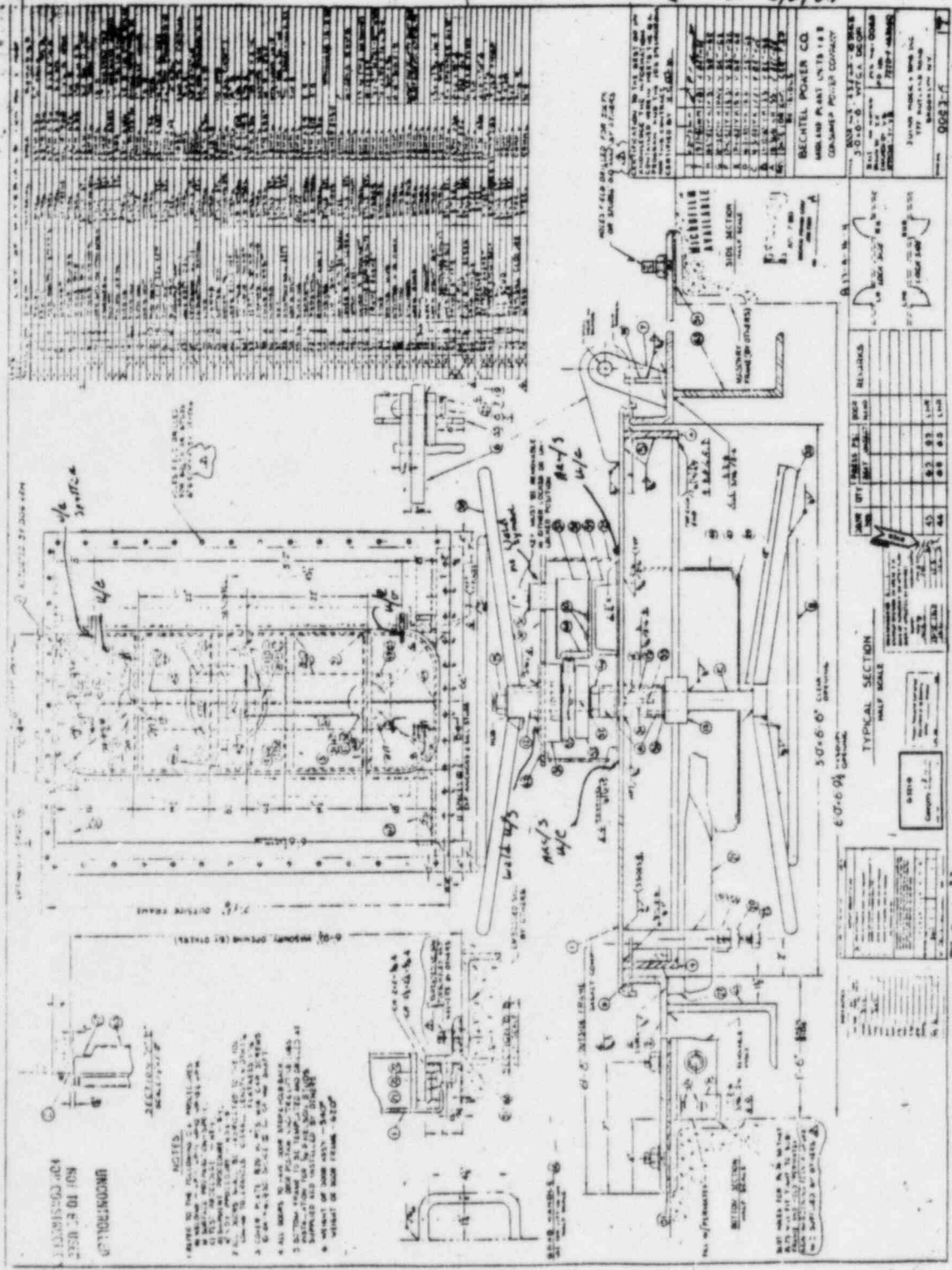
UNCONTROLLED
NOT TO BE USED
FOR CONSTRUCTION

LF = Lack of fusion
 u/c = undercut
 P.O. = Porosity
 C.L. = Cold Lap

Door # 205



Draw # 43
 (C)



SECTION
 HALF SCALE

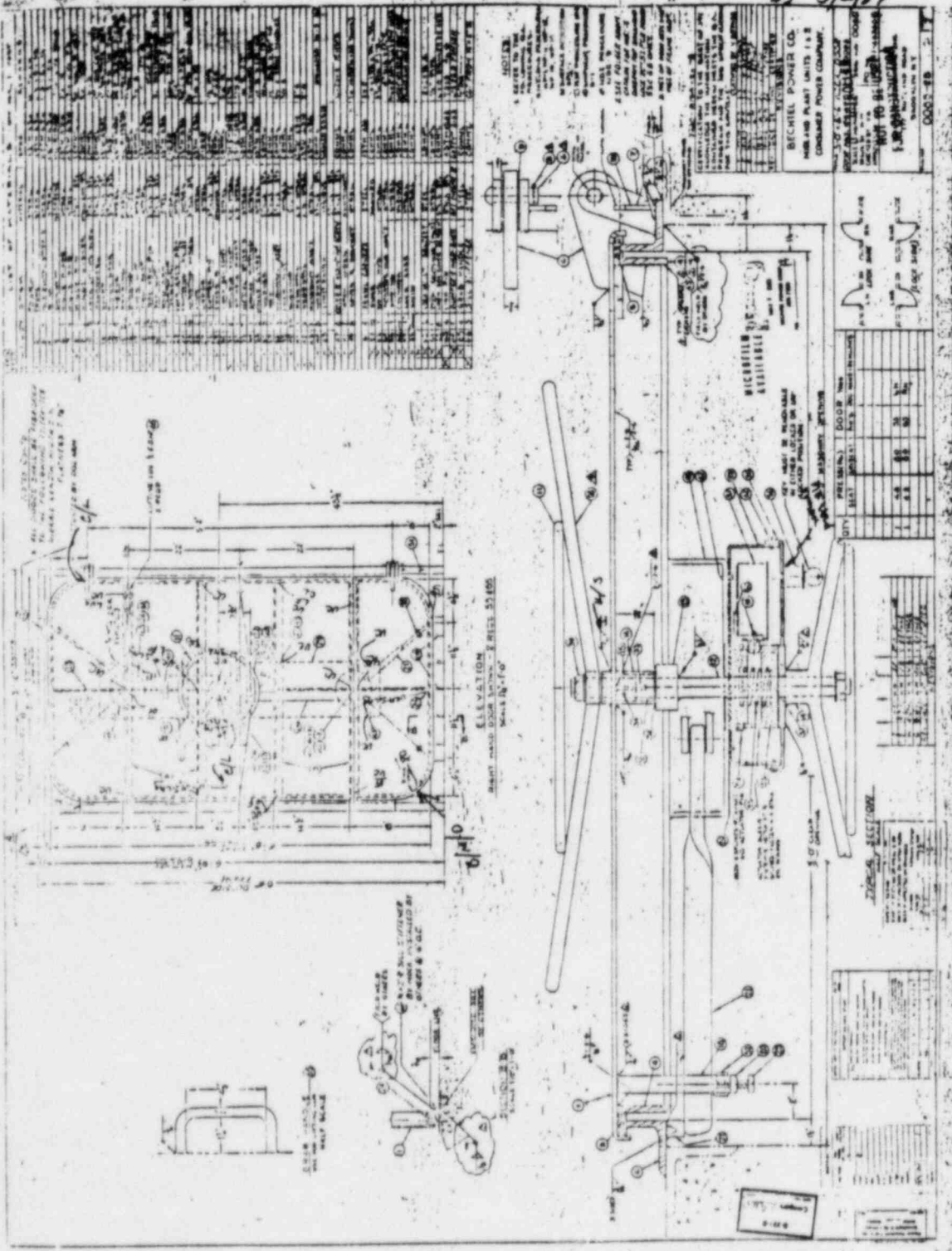
NO.	DESCRIPTION	QTY	UNIT
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

u/c = undercut
 u/s = underwrite
 m/s = are markings
 L.F. = Lack of Finish

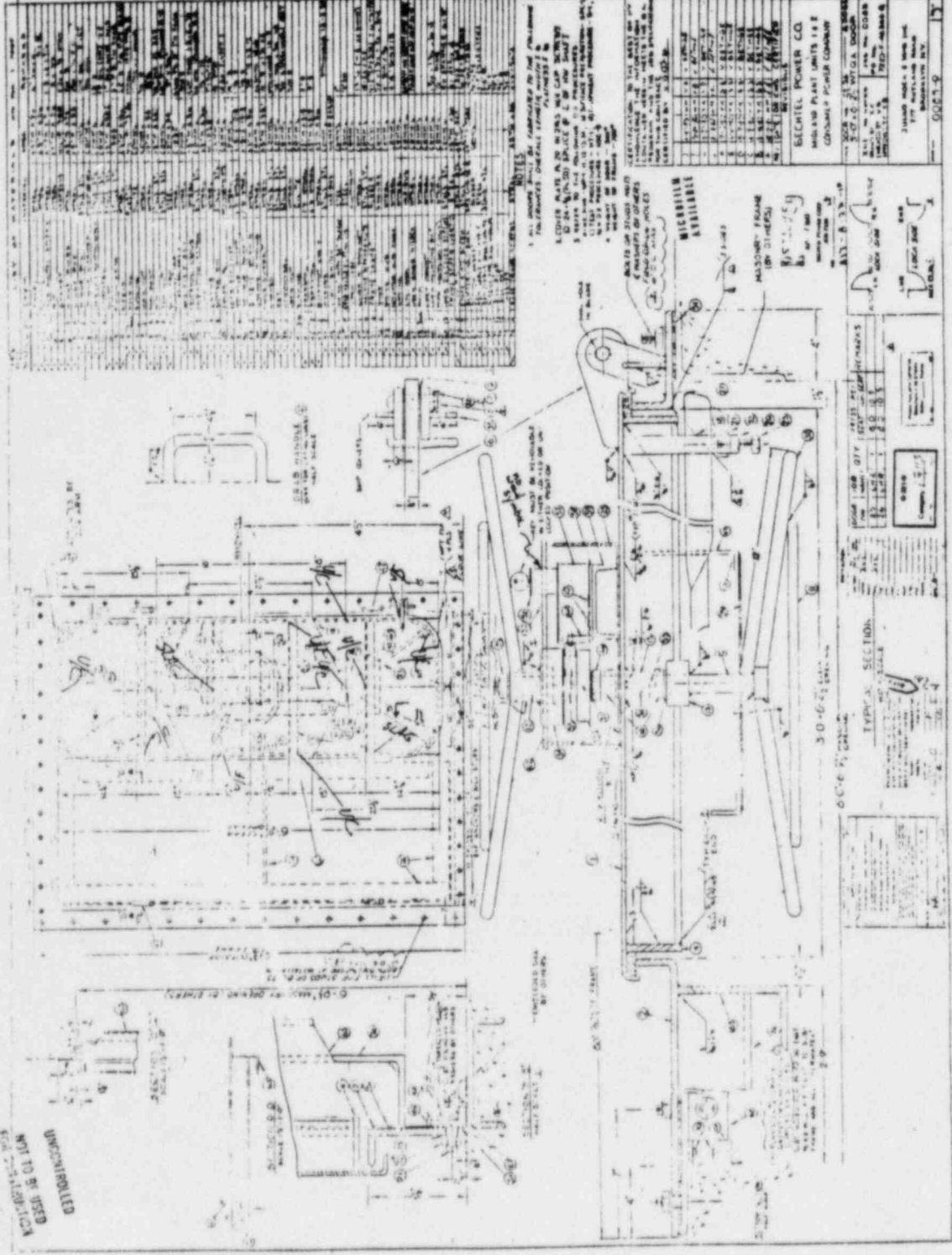
UNCONTROLLED
 NOT TO BE USED
 FOR CONSTRUCTION

NOTES:
 1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 8. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
 10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.

Door # 53



C.L. = Cold Lap
 P.D. = Porosity
 L.F. = Leak of Fuel
 U.C. = Undercut
 U.S. = Under Size
 U.F. = Under Fill

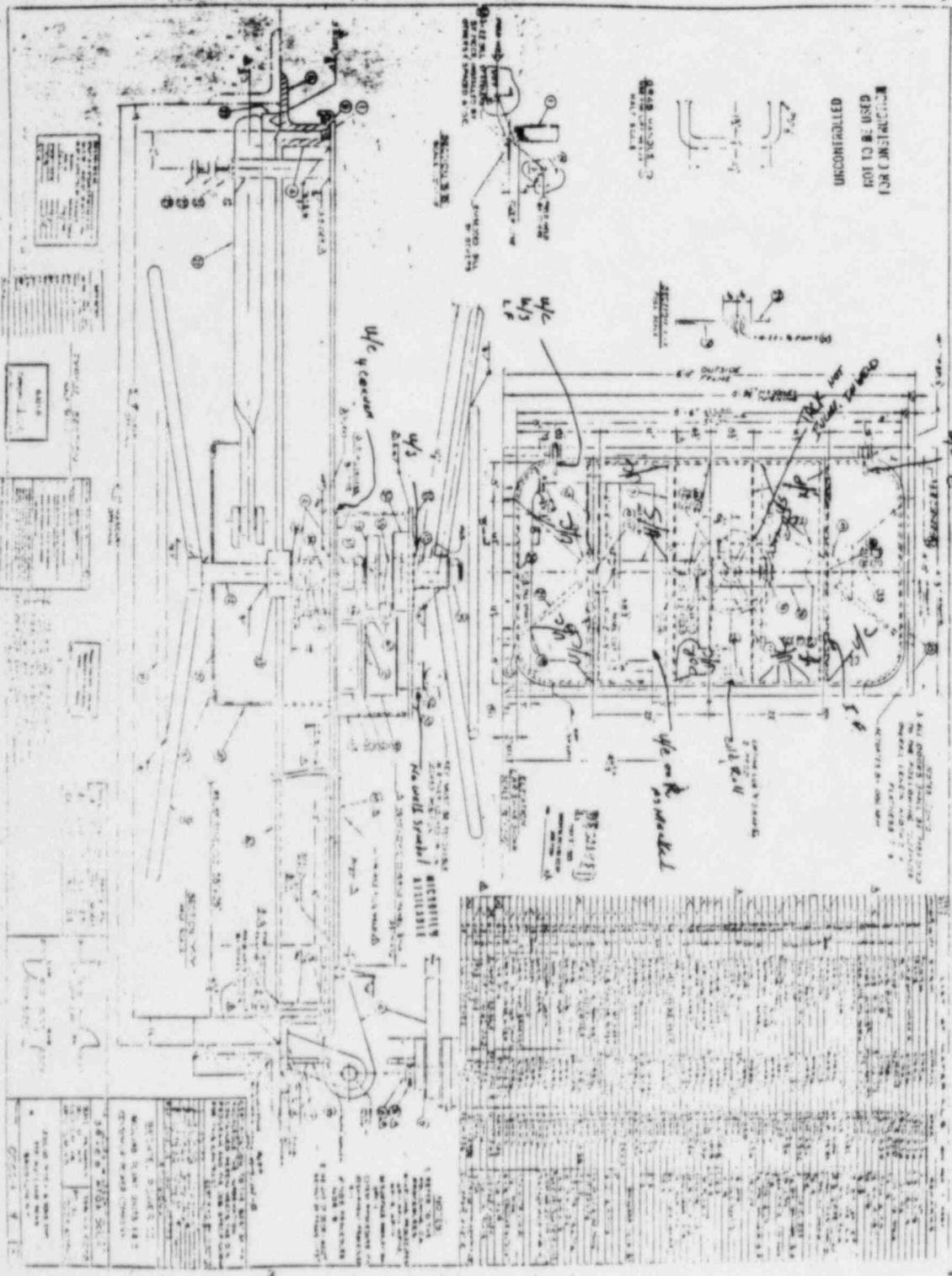


(C)
 R5

4/F = under-fill
 4/C = undercut
 4/S = under-size

5-4-83

Rev 1
05/31/84



w/c = undercut
 I.F. = incomplete fusion
 L.F. = under size
 L.F. = Lack Fusion / cold roll

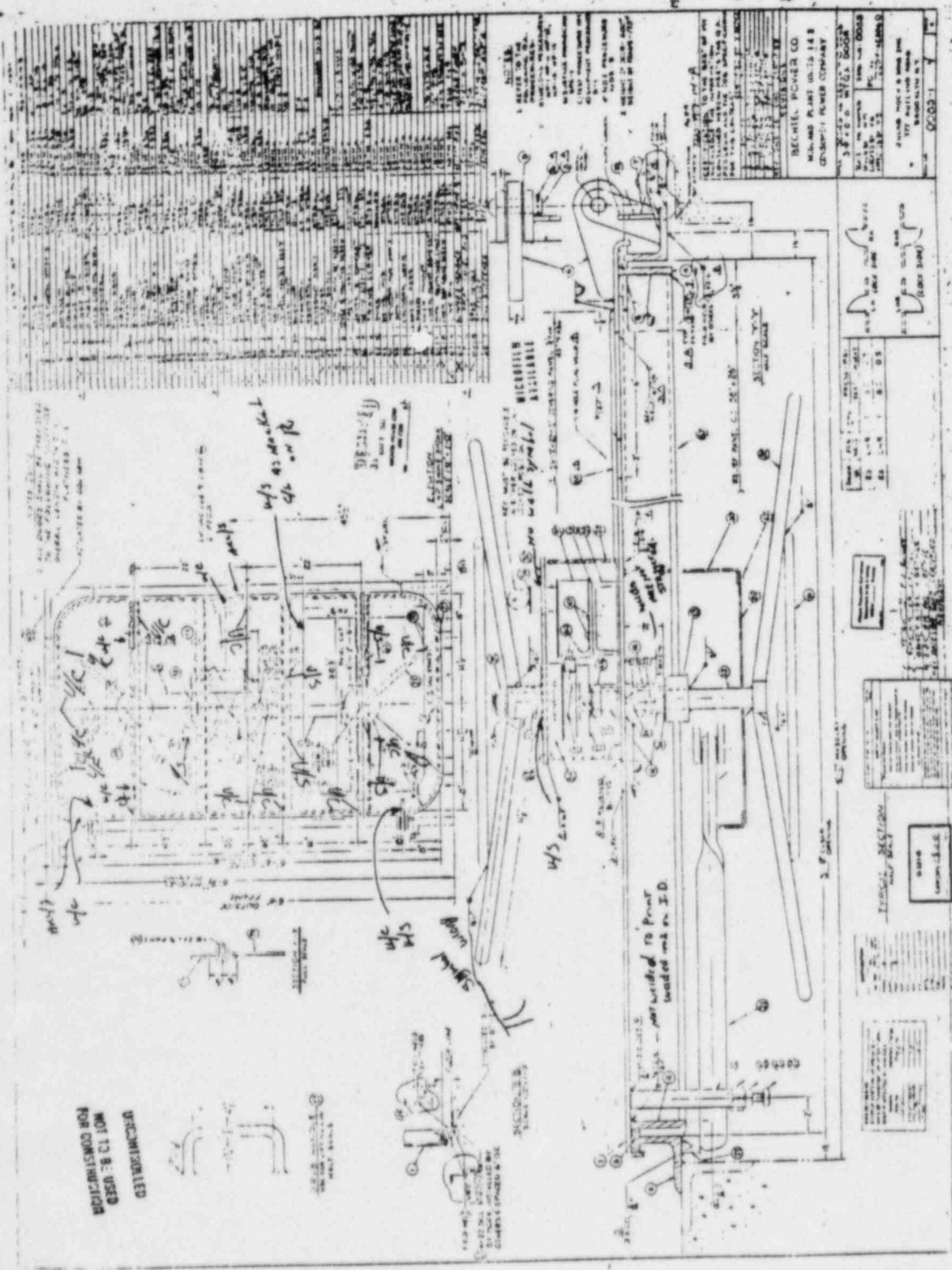
Door # 24
 (C)

Rev 04/2/24

Jan

(C)

23
Door

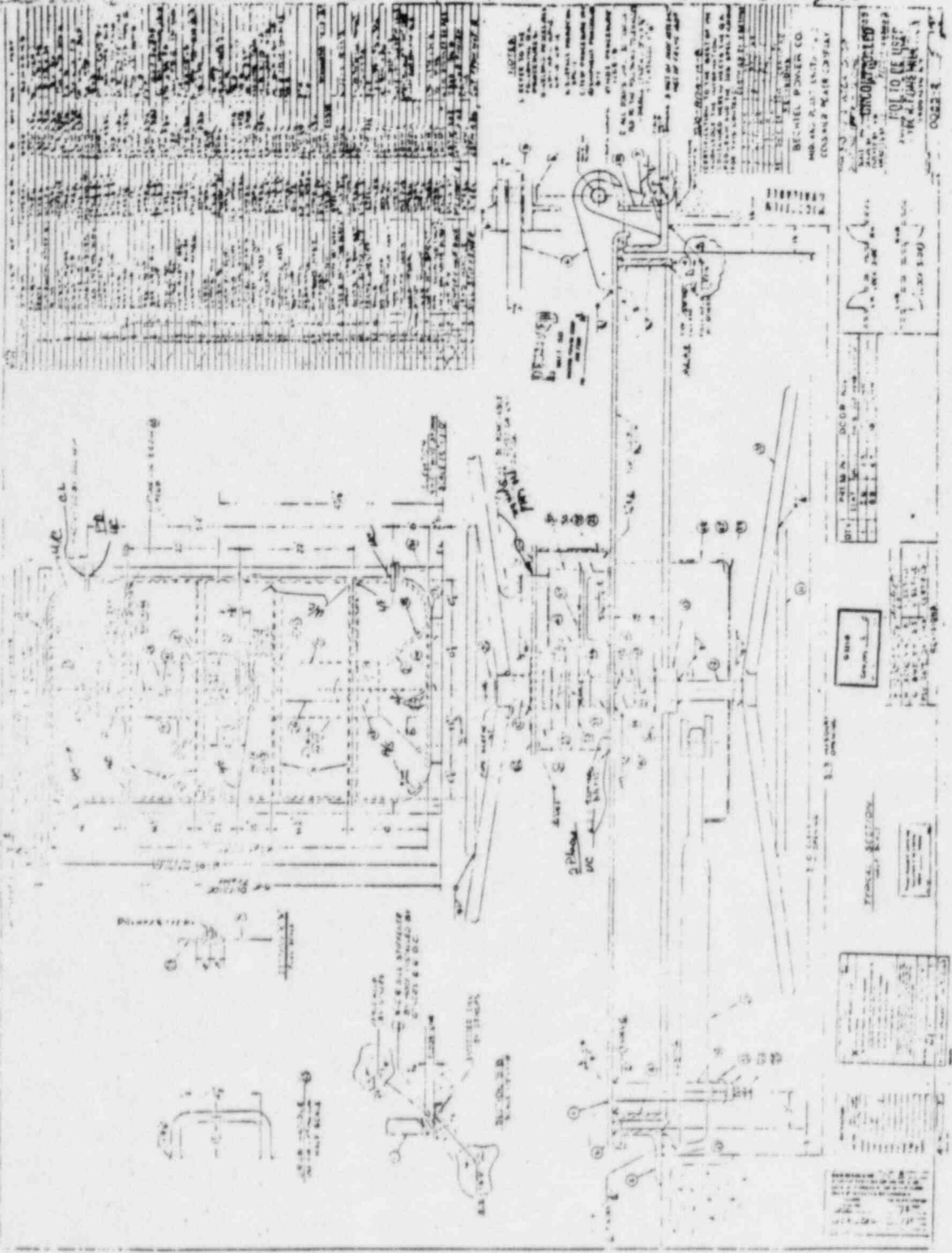


RECOMMENDED
NOT TO BE USED
FOR CONSTRUCTION

- w/c
- w/s
- c/l
- m/s
- w/f

Inside of door mounted
up with de Greys.

Page # 15 (C)

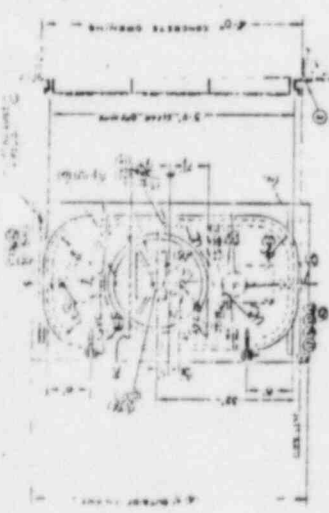
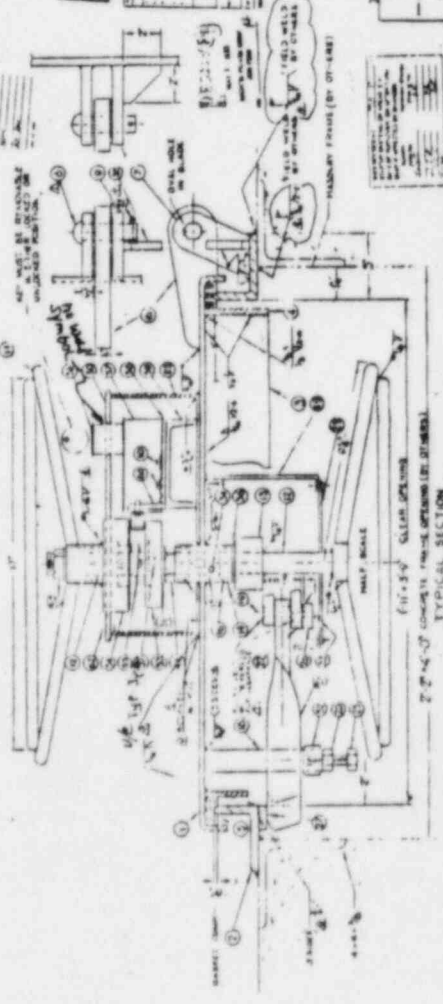


4/4 = undercut
 L/P = lack of design
 C.L. = cold lap
 A/S = arc strikes
 4/5 = understrip

Doc # 29 ©

NO.	DESCRIPTION	DATE	BY	CHKD BY
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50

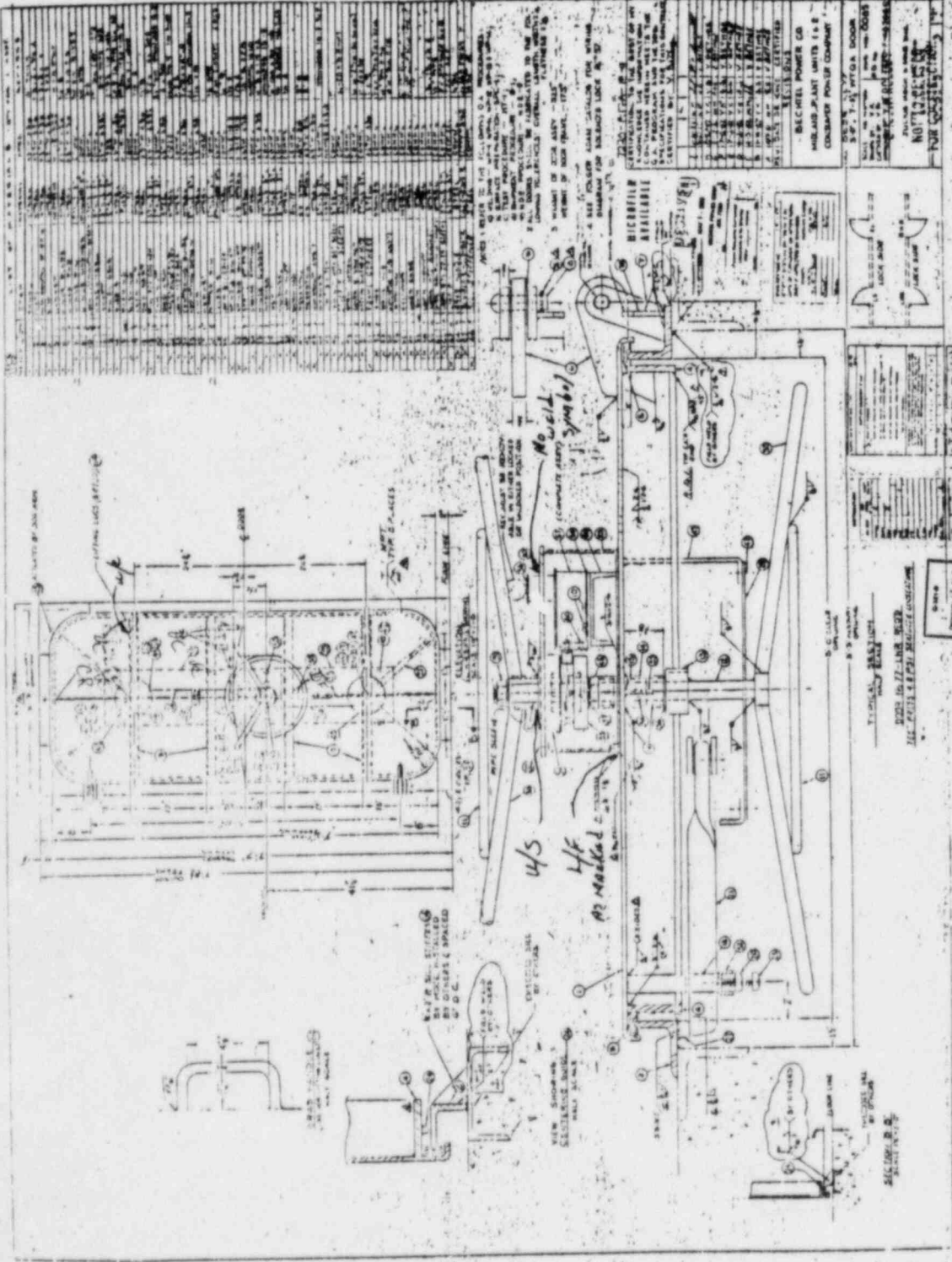
NOTES
 1. REFER TO THE DRAWING FOR DIMENSIONS AND MATERIALS.
 2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 3. FINISHES ARE AS SHOWN ON THE DRAWING.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANT AND EQUIPMENT.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ROADS AND DRIVEWAYS.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING LANDSCAPE AND PLANTING.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANT AND EQUIPMENT.
 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ROADS AND DRIVEWAYS.
 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING LANDSCAPE AND PLANTING.



U.C. CONTROLLED
 NOT TO BE USED
 FOR CONSTRUCTION

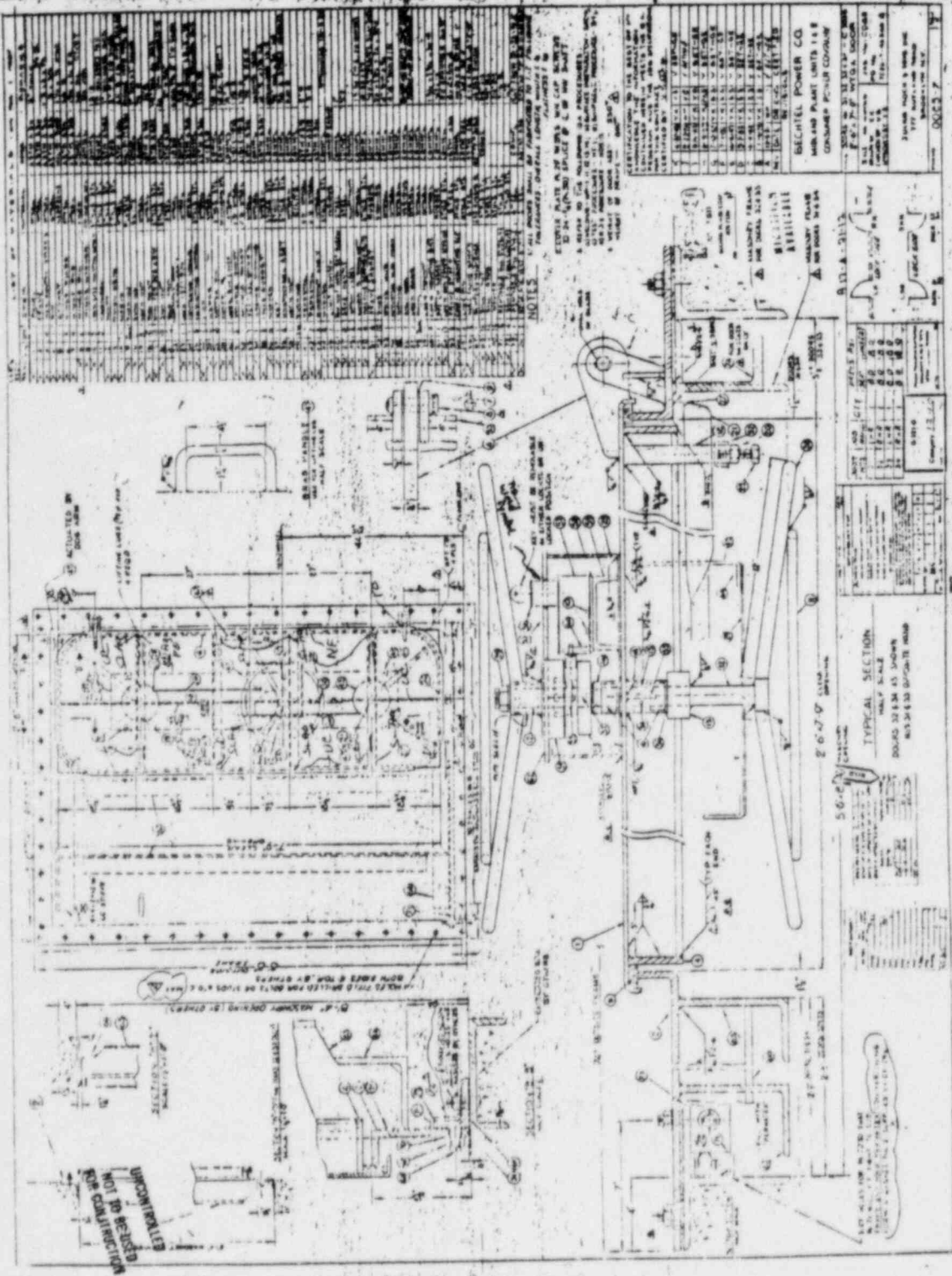
u/s = undercut
 L/F = Lock of Fusion
 u/s = undercut

Door #77 ©



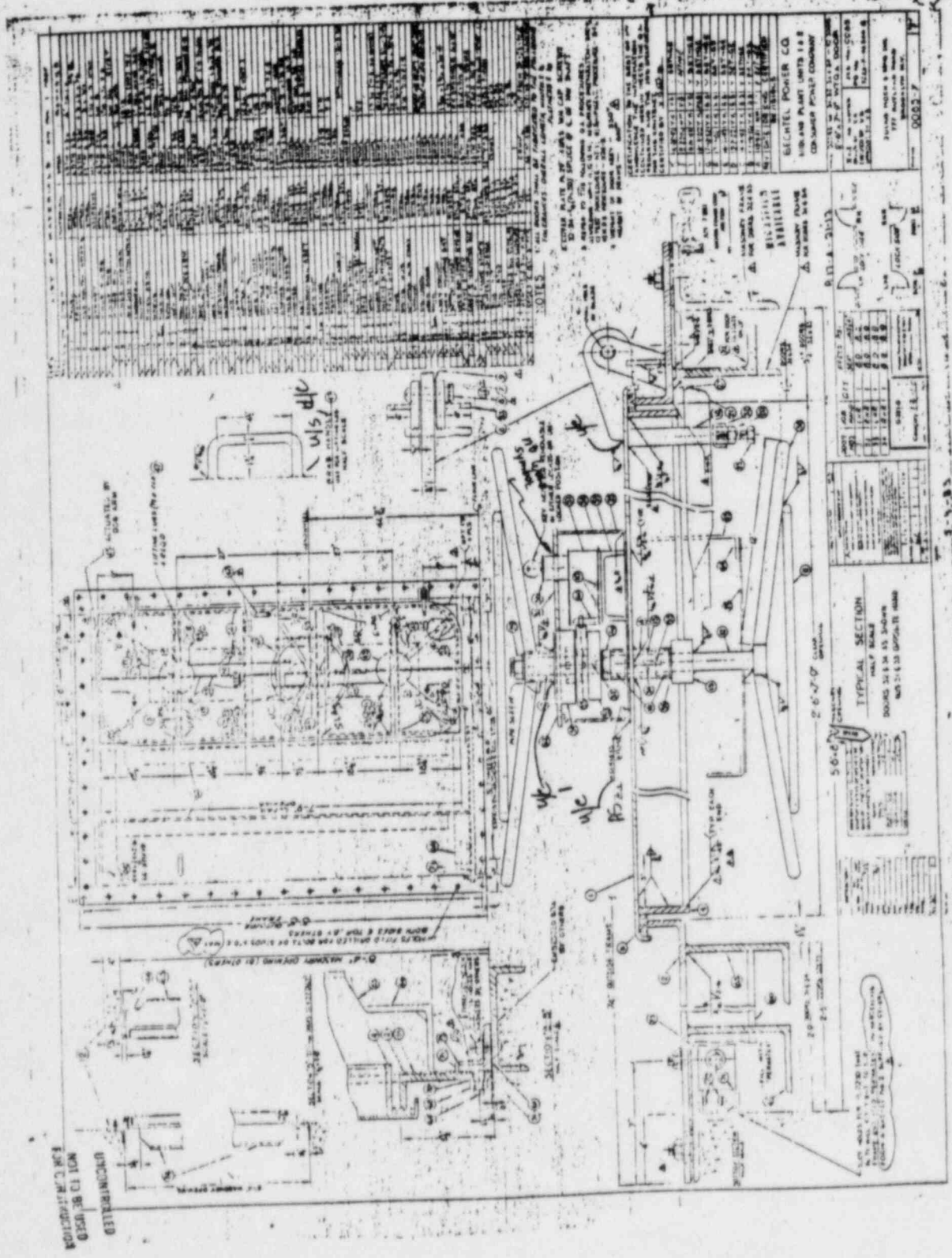
C.R. = cold roll
 L/F = lack of fusion
 u/c = undercut
 u/s = under size

Door #31 @



4/C = UNDERCUT
 PO = POROSITY
 4/S = UNDER-SIZE

Door 32 (C)



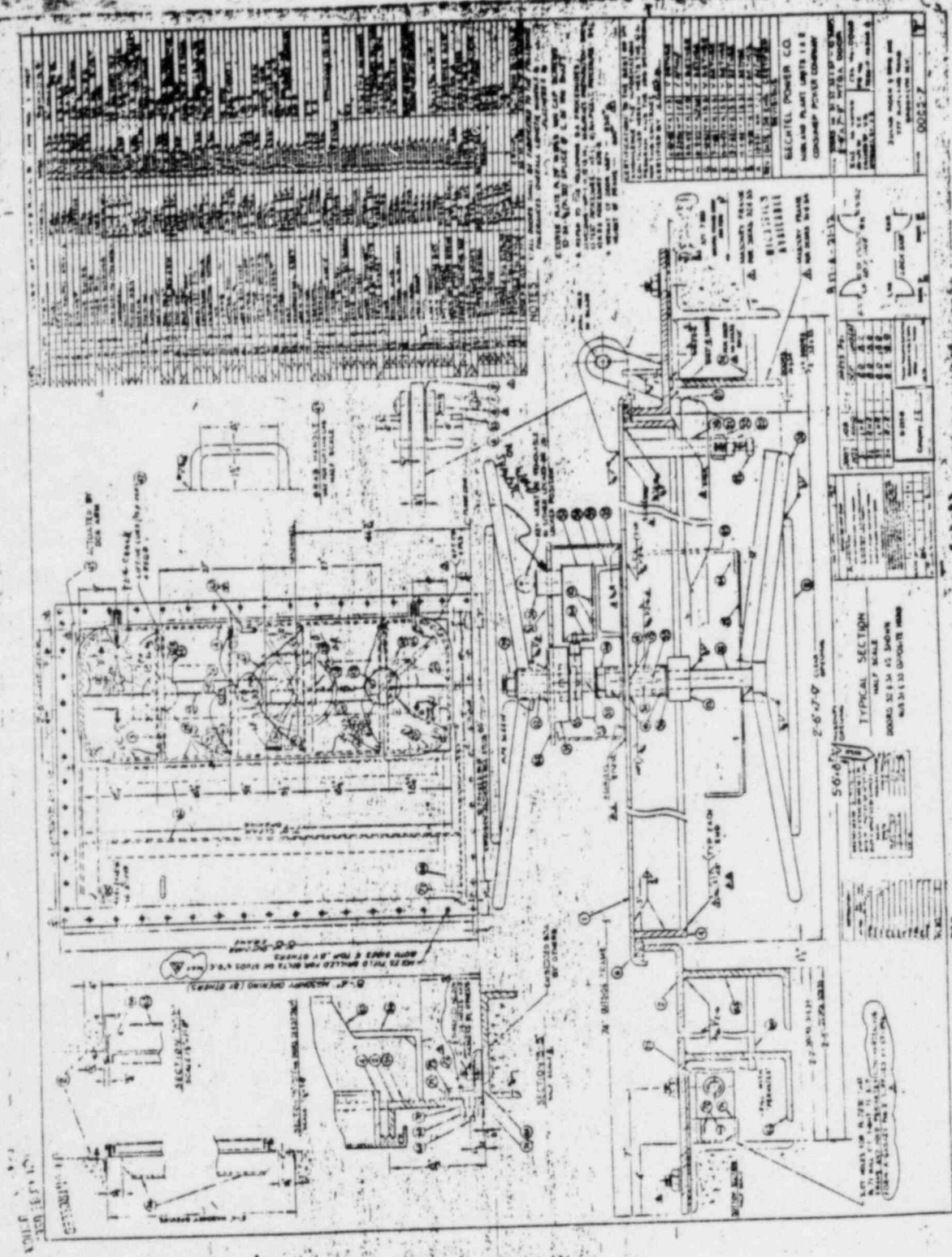
UNCONTROLLED
BY THE ARCHITECT

50-16
TYPICAL SECTION
DOORS 32, 34, 35, 36, 37
NO. 2-1-33 10/10/31 1400

NO.	1	2	3	4	5	6	7	8	9	10
DESCRIPTION										
QUANTITY										
UNIT PRICE										
TOTAL										

w/c - window
A/S - arc strike
w/s - window size

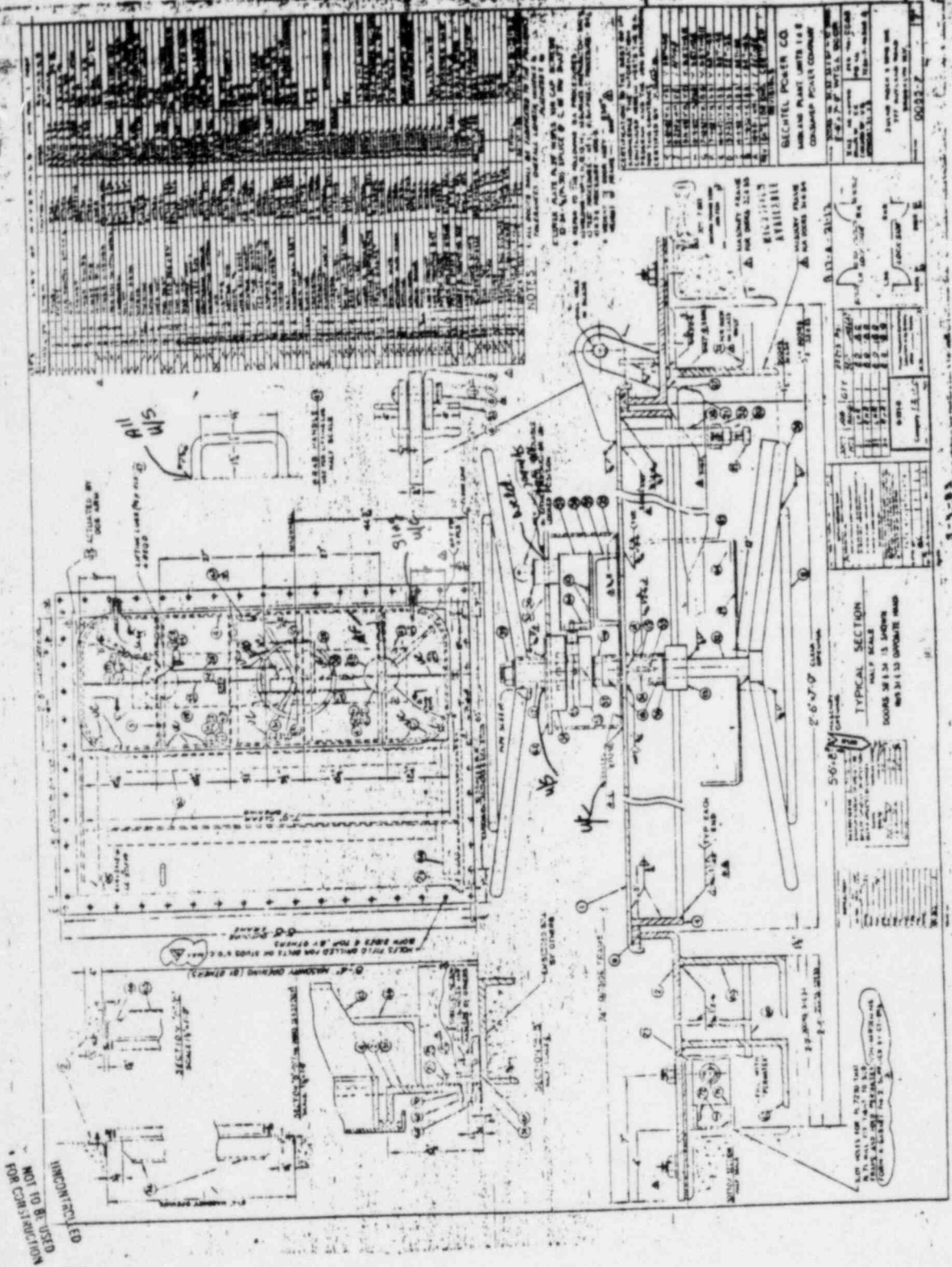
Door #34 (1)



TYPICAL SECTION
 HALF SCALE
 SHOWS 30 IN 45 BORE
 30 IN 45 BORE

u/c = undercut
 P.O. = POROSITY
 C.R. = COLD ROLL / LAP
 L.F. = LACK OF FUSION

Door # 33 ©



UNCONTROLLED
 NOT TO BE USED
 FOR CONSTRUCTION

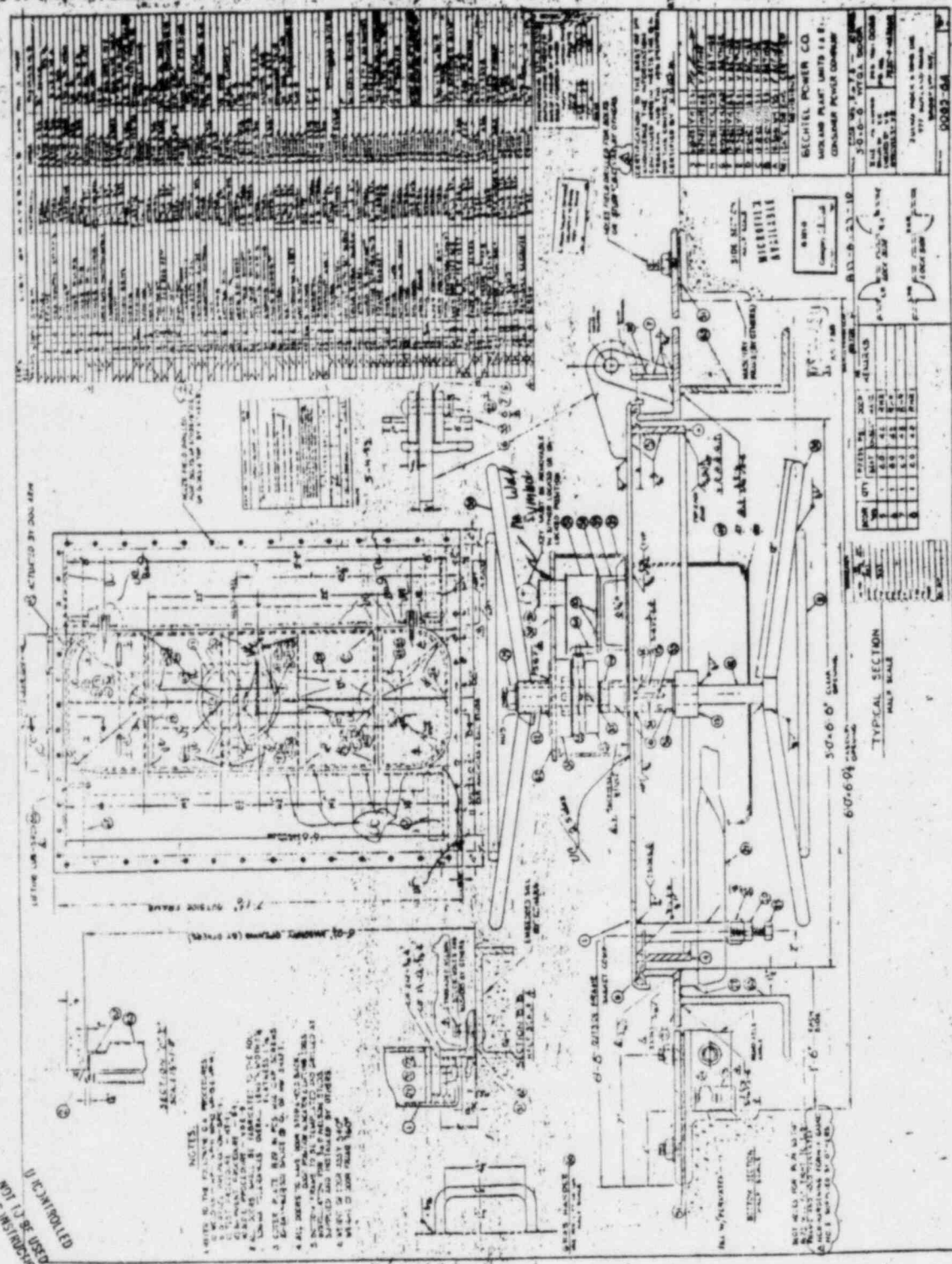
TYPICAL SECTION

DOORS WITH 1/2\"/>

DOOR WITH 1/2\"/>

u/c = under core
 u/s = under site
 L/F = LEAK OF FUSION

Door #7 (C)



UNCONTROLLED
NOT TO BE USED
FOR CONSTRUCTION

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 2. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 4. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 6. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 8. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 9. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 10. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

SECTION SCALE 1/4"

NO.	DESCRIPTION	QTY.	UNIT
1
2
3
4
5
6
7
8
9
10

TYPICAL SECTION HALF SCALE

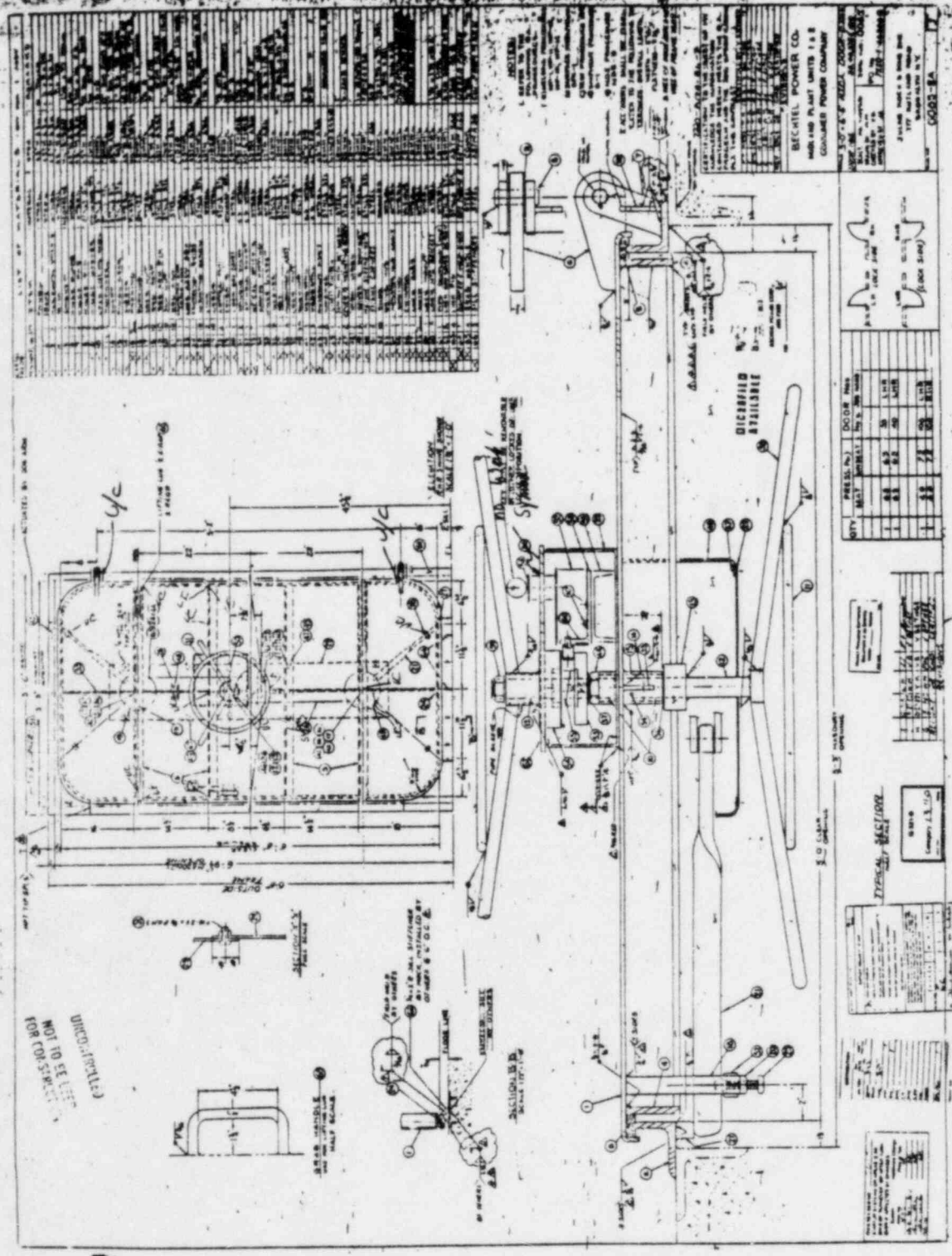
NO.	DESCRIPTION	QTY.	UNIT
1
2
3
4
5
6
7
8
9
10

4/F = under cut
4/F = under fix

0083-04

NCR 60000 Price \$2000
 Part of 3/4/44

Door # 40 ©



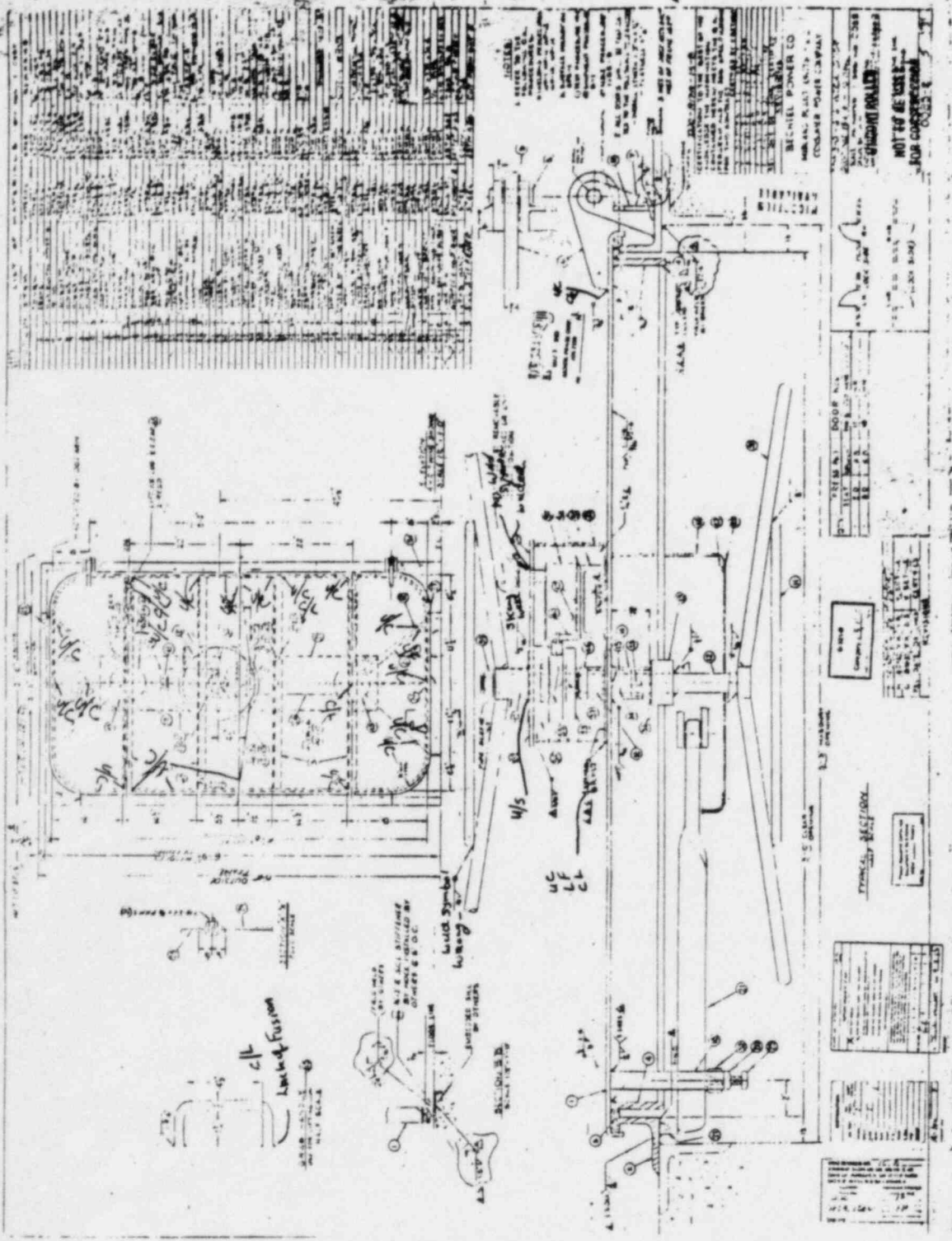
UNCOMPLETED
 NOT TO BE USED
 FOR CONSTRUCTION

BECKETT POWER CO.
 MANUFACTURING DIVISION
 CONSUMER POWER COMPANY
 1000 N. 10TH ST.
 PHOENIX, ARIZONA 85016

QTY	DESCRIPTION	DOOR NO.
1	DOOR	40
1	DOOR HANDLE	40
1	DOOR LOCK	40
1	DOOR STOP	40
1	DOOR HINGE	40
1	DOOR SEAL	40
1	DOOR STRIKE	40
1	DOOR LATCH	40
1	DOOR SPRING	40
1	DOOR STOPPER	40
1	DOOR HINGE PIN	40
1	DOOR LATCH PIN	40
1	DOOR STRIKE PIN	40
1	DOOR STOPPER PIN	40
1	DOOR HINGE PIN WASHER	40
1	DOOR LATCH PIN WASHER	40
1	DOOR STRIKE PIN WASHER	40
1	DOOR STOPPER PIN WASHER	40

4/c = undercut
 4/s = under-scribe
 L/F = lack of fusion

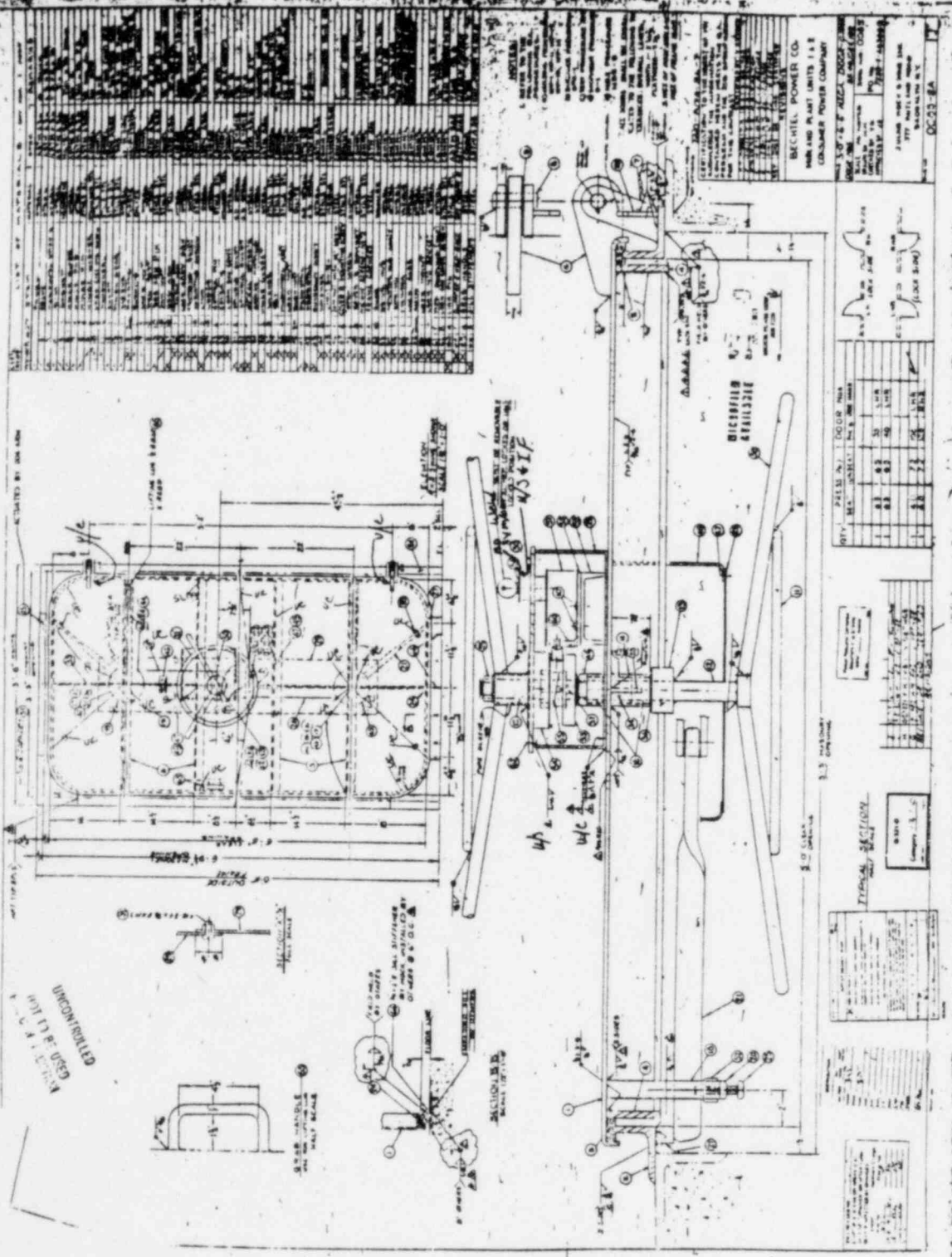
Door # 18 @



W/L = Undercut
 L/F = Leaf of Fusion
 C/L = Cold Lay/roll

Door 18

Door # 35 (C)



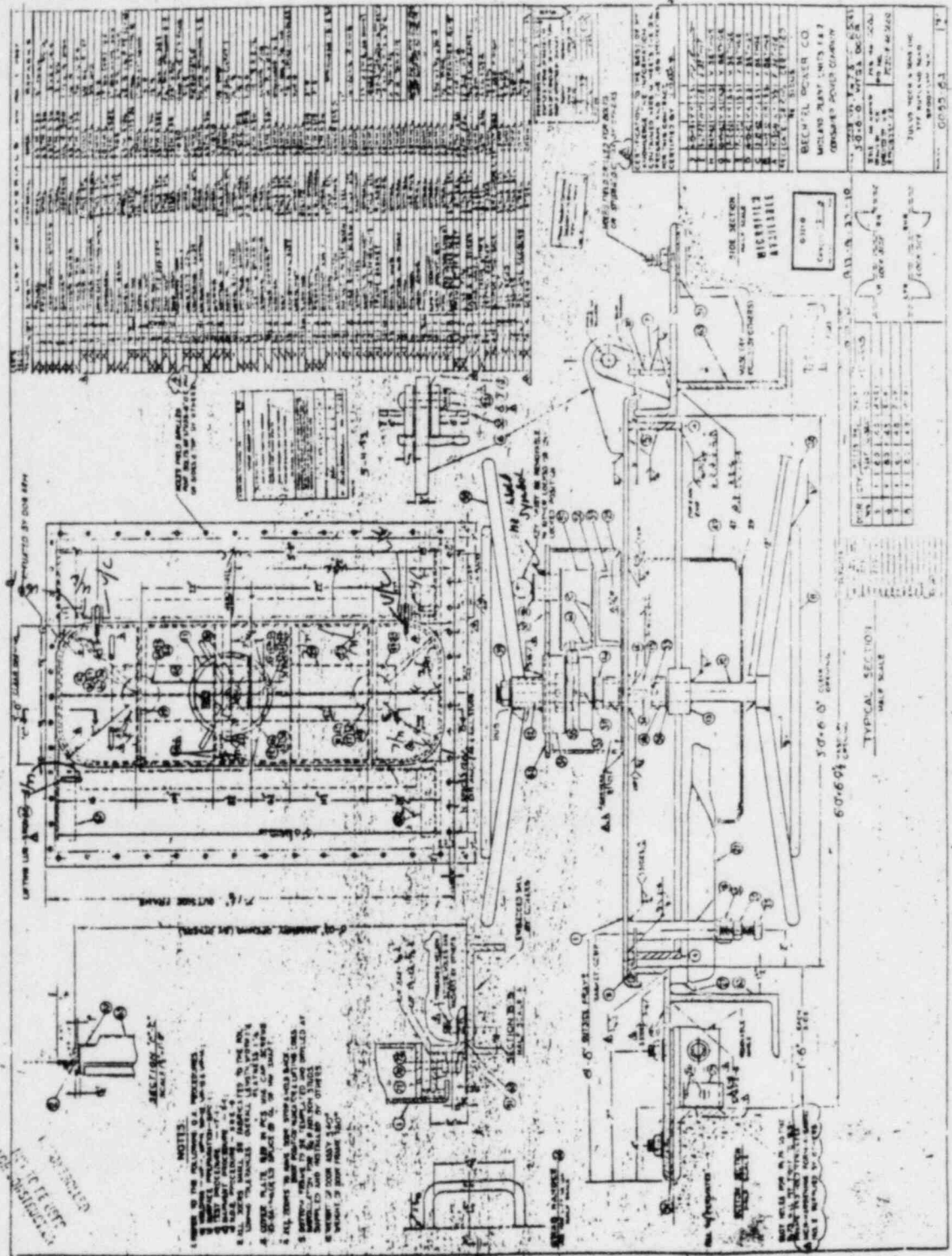
UNCONTROLLED
 NOT TO BE USED
 10/1/84

BECHTEL POWER CO.
 NUCLEAR POWER DIVISION
 177 BAYVIEW BLVD.
 BOSTON, MA 02115

DR 35

43 = undercut
 45 = undersize
 46 = incomplete fusion

Door #6



w/c = undercut
L/F = Lock Fusion

REV. 2-1988
LWT by S/pt/ty

NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO.

C-01006

DATE ISSUED

1-20-84

REV

1

PAGE 38 OF 38

OVERSTRESS.

ALSO BY REVIEWING THE VENDOR DESIGN CALCULATIONS,
THE SEISMIC LOAD WAS FOUND TO BE INSIGNIFICANT COMPARED
TO THE HYDROSTATIC PRESSURE.

~~MANUFACTURER~~ PROJECT ENGINEERING CONCLUDES THAT
THE EXISTENCE OF THESE DEFICIENT WELDS WILL NOT
AFFECT THE SAFETY OF THE DOORS AND THIS RECOMMENDS
TO "USE AS IS"

JAM 4/27/84 P. S. 4/27/84
R. Chau for P. Rogapaty
4/27/84

BLOCK 31a CONT'D.

PROJECT ENGINEERING DISPOSITION:

PROJECT ENGINEERING HAS EVALUATED THE NONCONFORMANCE CONCERNING DEFECTIVE WELDS ON THE REFERENCED WATERTIGHT DOORS AND FRAMES.

THE PRELIMINARY RESPONSE TO QAR RD-00027 CONCERNING THE DEFICIENCIES IN WATERTIGHT DOORS AND FRAMES, HAS BEEN REVIEWED BY PROJECT ENGINEERING. THE ATTACHED TRIP REPORT TO THIS QAR SHOWS THE RESULTS OF A DETAILED INSPECTION FOR TWO REPRESENTATIVE DOORS; DOOR AND FRAME NO. 5 AND FRAME NO. 34. THE WORST CONDITIONS DETECTED WERE UNDERCUTS OF $\frac{1}{16}$ " x $\frac{1}{4}$ " LONG. THE TOTAL LENGTHS OF WELD DEFICIENCIES FOUND FOR THE TWO DOORS WERE .3" OUT OF 722" OF WELDS INSPECTED.

~~CONCERNING THE~~ A REVIEW OF CALCULATIONS 7220-A17A-12-7 FROM JULIUS MOCK & SONS, INC., SHOWS THAT THE MAJORITY OF THE CALCULATED WELD STRESSES ARE WELL BELOW THE ALLOWABLE STRESSES, WHICH WERE NOT INCREASED FOR ACCIDENT CONDITIONS. DRAWING 7220A-60 sh. 2 ALLOWS A 50% INCREASE IN ALLOWABLE STRESSES FOR ACCIDENT LOADS WHICH WOULD GIVE A MINIMUM MARGIN OF SAFETY OF 33%. THE WELD DEFICIENCIES ARE WELL BELOW THIS MARGIN OF SAFETY AND THIS WILL NOT HAVE ANY IMPACT ON THE OPERATIONAL SAFETY ~~OF~~ OF THE DOORS.

FURTHERMORE, ALL THE DOOR AND FRAME ASSEMBLIES HAVE BEEN TESTED TO THE MAXIMUM REQUIRED DESIGN PRESSURES BASED ON ACCIDENT CONDITIONS. ALL THE ASSEMBLIES MET THE REQUIREMENTS WITH NO EVIDENCE OF STRUCTURAL



**Consumers
Power
Company**

CONDITIONAL RELEASE

**MIDLAND PROJECT
QUALITY ASSURANCE DEPARTMENT**

1. PAGE 1 OF 2

2. PROJECT: <u>MIDLAND JOB # 7220</u>	3. NCR <u>C01006</u>	11. CONDITIONAL RELEASE NO: <u>C-01006-101 34284</u>
4. SPECIFIC ITEM(S) TO BE CONDITIONALLY RELEASED NAME: <u>JULIUS MOCK WATER TIGHT DOORS & FRAMES CONTRACT A17A</u> PART NO(S): <u>SEE SHEET TWO</u> SERIAL NO(S): <u>SEE SHEET TWO</u> QUANTITY: <u>31 EA SEE SHEET TWO</u> LOCATION: <u>AUX BLD EL 668 THR 634</u> <u>SEE SHEET TWO</u>		12. FILE NO: <u>C-01006</u> 13. DISTRIBUTION:
5. AUTHORIZED WORK OR USE: <u>ALLOW REMOVAL OF COATINGS ON VENDOR WEILS TO ENABLE A COMPLETE INSPECTION OF THE WEILS PRIOR TO THE ARRIVAL OF THE JULIUS MOCK REPRESENTATIVE. THIS WILL INVOLVE THE UNPACKING OF THE DOORS IN WAREHOUSE 3. THIS WORK WILL NOT PROHIBIT OR MAKE THE NON CONFORMANCE MORE DIFFICULT TO REPAIR, REWORK, REPLACE OR EXAMINE, OR TO DETERMINE ITS ROOT CAUSE. THIS WORK WILL RENDER THE DEFICIENCIES MORE EASILY IDENTIFIABLE</u>		
6. LIMITATIONS ON CONDITIONAL RELEASE: <u>THE MATERIAL WILL NOT BE REMOVED FROM THE AREA & NO REWORK WILL BE PERFORMED.</u>		
7. JUSTIFICATION (GIVE COST SCHEDULE & SAFETY IMPLICATIONS IF THIS CR IS NOT AUTHORIZED) <u>THESE DOORS ARE A CRITICAL PART OF THE ORGC SECURITY SYSTEM SCHEDULED FOR TURN OVER 7/1/84. IF THIS REWORK IS NOT CLEARLY IDENTIFIED IT COULD IMPACT THE TURN OVER SCHEDULE FOR ORGC.</u>		
8. DATE OF EXPECTED CR CLOSURE: <u>3/26/84</u>	9. REQUESTOR'S SIGNATURE/DATE: <u>Mike Cook 1/26/84</u>	9A. PROJECT FIELD ENGINEER (BECHTEL ONLY) <u>JH GR Wick 1-26-84</u>
9B. PQAE (BECHTEL ASME ONLY) <u>N/A 1/26/84</u>	9C. ANI SIGNATURE/DATE (ASME) <u>N/A 1/26/84</u>	10. PROJECT MANAGEMENT APPROVAL SIGNATURE/DATE: <u>RW Cook 1-26-84</u>
14. MPQAD APPROVAL SIGNATURE/DATE: <u>[Signature] 1/26/84</u>	15. CR TAGS APPLIED BY-SIGNATURE/DATE: <u>James Lewis 2-1-84</u>	16. CR TAGS REMOVE/CR CLOSED - SIGNATURE/DATE:

ORIGINAL

HIGHLAND PROJECT
QUALITY ASSURANCE
DEPARTMENT

NONCONFORMANCE REPORT
CONTINUATION SHEET

NCR NO. (C-0-1006)	
DATE ISSUED	REV
PAGE <u>2</u> OF <u>2</u>	

DOOR AND FRAME LOCATION

FRAME	EL	AREA	ROOM	DOOR	WAREHOUSE 3
5					X
6					X
7					X
8					X
210	575	340A	40	SAME	
205	"	540A	1	SAME	
14	584	120K	126	WHSF 3	
15	"	103A	130	" "	
18	"	102A	131	" "	
23	"	120D	118	" "	
24	"	120C	117	" "	
25	"	120A	111	" "	
26	"	120B	113	" "	
29	"	102A	116	" "	
31	"	120F	121	" "	
32	"	120G	122	" "	
33	"	120H	124	" "	
34	"	120J	125	" "	
35	599	130H	216	" "	
40	"	130J	217	" "	
43	"	130F	214	" "	
44	"	130G	215	" "	
45	"	130D	212	" "	
46	"	130E	213	" "	
53	614	103B	328	" "	
65	"	102B	329	" "	
77	"	210B	358	" "	
84	"	210E	361	" "	
88	"	210C	359	" "	
108	634	150L	420	" "	
109	"	150R	421	" "	

ORIGINAL



**ENGSTROM
POWER
COMPANY**

ORIGINAL CONDITIONAL RELEASE

**MIDLAND PROJECT
QUALITY ASSURANCE DEPARTMENT**

1. PAGE OF

2. PROJECT:

7220

3. N.R.

C-01006

11. CONDITIONAL RELEASE NO:

C-01006-02

4. SPECIFIC ITEM(S) TO BE CONDITIONALLY RELEASED

NAME: Watertight Frame # 23

PART NO(S): 0085-2 + 2A

SERIAL NO(S): N/A

QUANTITY: 1

LOCATION: Elev. 584' Rm. 118

12. FILE NO:

16.0/C-1006

13. DISTRIBUTION:

16.0/File
BT Foote (2 Copies)
MM Hanbury (TO)
BWMarguglio/DJones (QA)
WN McDougall (ASME)
RLOliver
BMPalmer (Verification)
DFRonk

5. AUTHORIZED WORK OR USE:

Cleaning of welds

6. LIMITATIONS ON CONDITIONAL RELEASE:

Removal of rust, paint and foreign material from welds

7. JUSTIFICATION (GIVE COST SCHEDULE & SAFETY IMPLICATIONS IF THIS CR IS NOT AUTHORIZED)

CAN NOT ADEQUATELY INSPECT WELDS.

8. DATE OF EXPECTED CR CLOSURE:

5-11-84

9. REQUESTOR'S SIGNATURE/DATE:

William E. Ganje 5/4/84

9A. PROJECT FIELD ENGINEER
(BECHTEL ONLY)

[Signature] 5/4/84

9B. PQAE (BECHTEL ASME ONLY)

N/A

9C. ANI SIGNATURE/DATE (ASME)

N/A

10. PROJECT MANAGEMENT
APPROVAL SIGNATURE/DATE:

[Signature] 5/4/84

14. HPOAD APPROVAL SIGNATURE/DATE:

[Signature] 5/4/84

15. CR TAGS APPLIED BY-
SIGNATURE/DATE:

William E. Ganje 5/4/84

16. CR TAGS REMOVE/CR
CLOSED - SIGNATURE/DATE:



BECHTEL
CORPORATION

ORIGINAL CONDITIONAL RELEASE

KIRKLAND PROJECT
QUALITY ASSURANCE DEPARTMENT

1. PAGE OF

2. PROJECT: <u>7220</u>	3. ICR <u>C-01006</u>	11. CONDITIONAL RELEASE NO: <u>C-01006-02</u>
4. SPECIFIC ITEM(S) TO BE CONDITIONALLY RELEASED NAME: <u>Wateright Frame # 23</u> PART NO(S): <u>0085-2 + 2A</u> SERIAL NO(S): <u>N/A</u> QUANTITY: <u>1</u> LOCATION: <u>Elev. 584' Rm. 118</u>		12. FILE NO: <u>16.0/C-1006</u> 13. DISTRIBUTION: <u>16.0/File</u> <u>BT Foote (2 Copies)</u> <u>MM Hanbury (TO)</u> <u>BW Marguglio/D Jones (QA)</u> <u>WN McDougall (ASME)</u> <u>RL Oliver</u> <u>BM Palmer (Verification)</u> <u>DF Ronk</u>

5. AUTHORIZED WORK OR USE:
Cleaning of welds

6. LIMITATIONS ON CONDITIONAL RELEASE:
Removal of rust, paint and foreign material from welds

7. JUSTIFICATION (GIVE COST SCHEDULE & SAFETY IMPLICATIONS IF THIS CR IS NOT AUTHORIZED):
CAN NOT ADEQUATELY INSPECT WELDS.

8. DATE OF EXPECTED CR CLOSURE: <u>5-11-84</u>	9. REQUESTOR'S SIGNATURE/DATE: <u>William E. Ganpe 5/4/84</u>	9A. PROJECT FIELD ENGINEER (BECHTEL ONLY) <u>[Signature] 5/4/84</u>
9B. PQAE (BECHTEL ASME ONLY) <u>N/A</u>	9C. ANI SIGNATURE/DATE (ASME) <u>N/A</u>	10. PROJECT MANAGEMENT APPROVAL SIGNATURE/DATE: <u>[Signature] 5/4/84</u>
14. NPOAD APPROVAL SIGNATURE/DATE: <u>[Signature] 5/4/84</u>	15. CR TAGS APPLIED BY - SIGNATURE/DATE: <u>William E. Ganpe 5/4/84</u>	16. CR TAGS REMOVE/CR CLOSED - SIGNATURE/DATE: