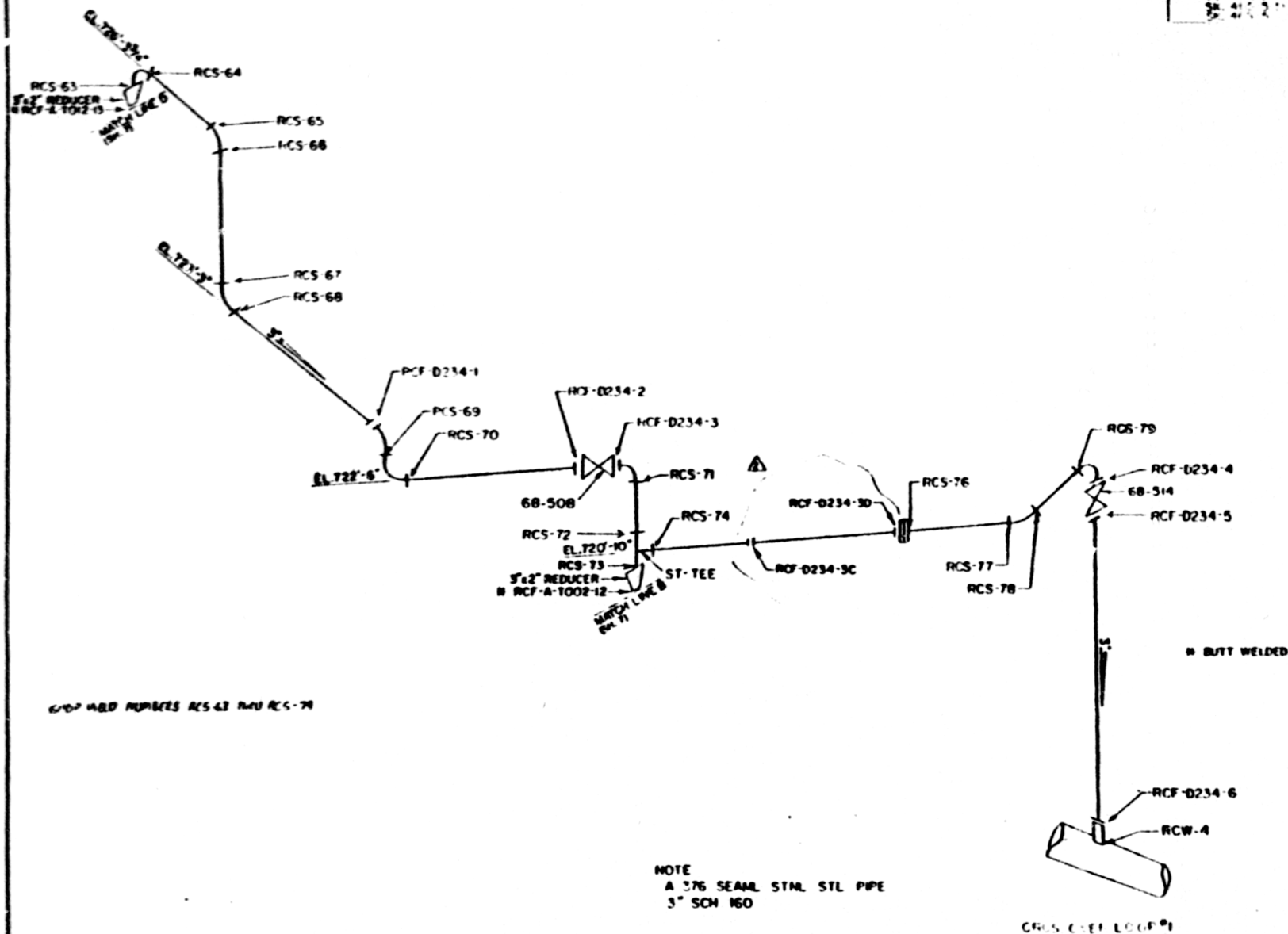


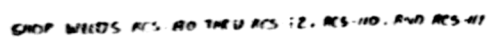


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TI-50A
Appendix A
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Revision 7

TENNESSEE VALLEY AUTHORITY
 DEVELOPER OF POWER PROJECTS

REACTOR COOLANT AUX B BNSC
WATTS BAR NUCLEAR PLANT
UNIT 1

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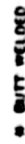


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NOTE
A 376 SEAML STNL STL PIPE
3" SCH 160 TP 304

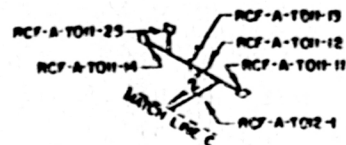
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13	32	1964	5/2/64	REACTOR COOLANT AUX. P. MISC.
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18	37	1964	5/7/64	REACTOR COOLANT AUX. P. MISC.
19	38	1964	5/8/64	REACTOR COOLANT AUX. P. MISC.
20	39	1964	5/9/64	REACTOR COOLANT AUX. P. MISC.
21	40	1964	5/10/64	REACTOR COOLANT AUX. P. MISC.
22	41	1964	5/11/64	REACTOR COOLANT AUX. P. MISC.
23	42	1964	5/12/64	REACTOR COOLANT AUX. P. MISC.
24	43	1964	5/13/64	REACTOR COOLANT AUX. P. MISC.
25	44	1964	5/14/64	REACTOR COOLANT AUX. P. MISC.
26	45	1964	5/15/64	REACTOR COOLANT AUX. P. MISC.
27	46	1964	5/16/64	REACTOR COOLANT AUX. P. MISC.
28	47	1964	5/17/64	REACTOR COOLANT AUX. P. MISC.
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89	108	1964	7/17/64	REACTOR COOLANT AUX. P. MISC.
90	109	1964	7/18/64	REACTOR COOLANT AUX. P. MISC.
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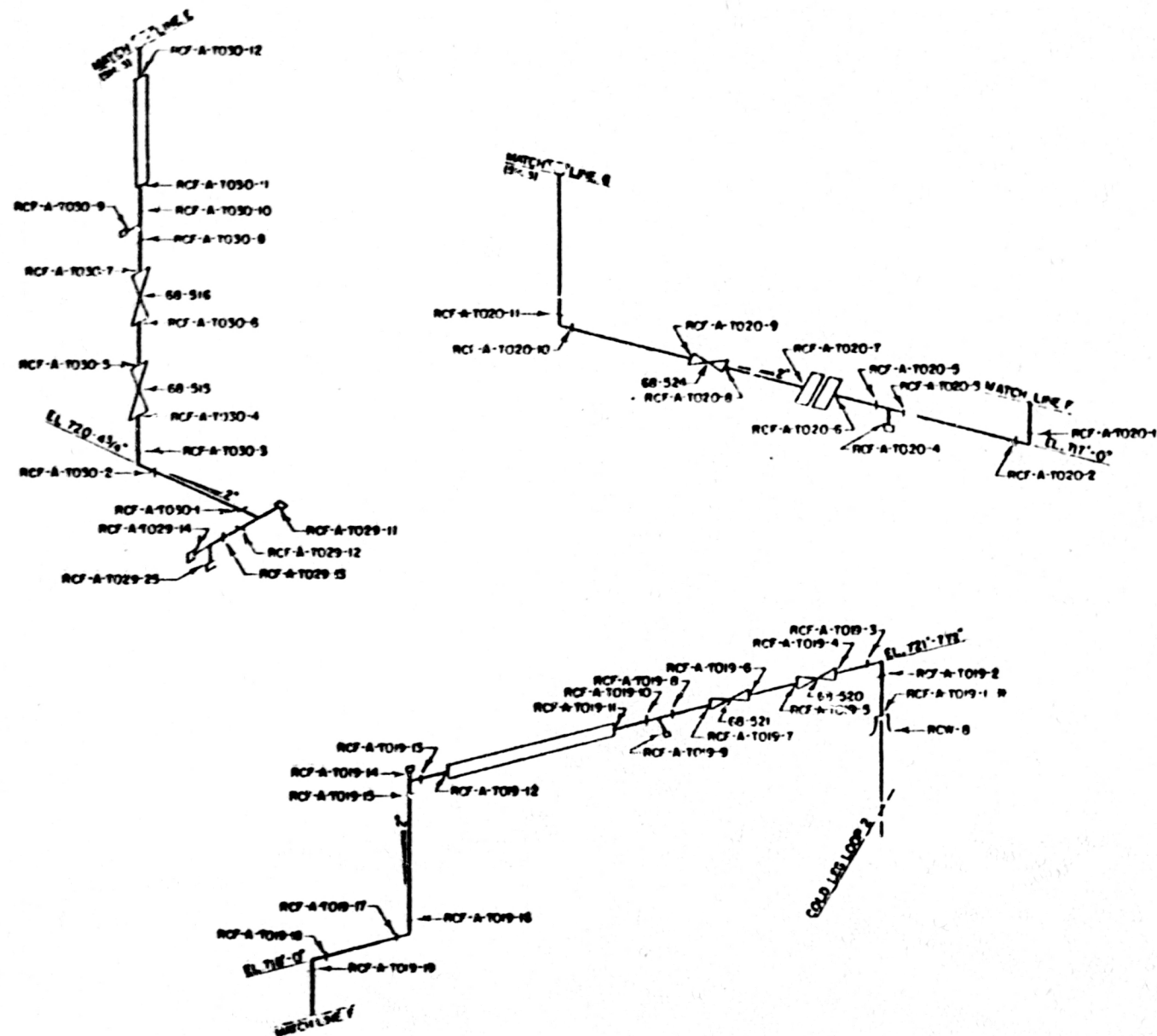
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 1942-43 160
 1943-44 140



621-524 April 08-09 : 06-54 April 10-54 SUMMA 40MS

NO.	DATE	REMARKS	INITIALS
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3	10/1/54	REACTOR COOLANT AUX IN MISC WATTS HAD NOULEAT IN AIR UNIT 1	
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10	10/1/54	REACTOR COOLANT AUX IN MISC WATTS HAD NOULEAT IN AIR UNIT 1	





REFERENCE 1: 100000

SW 405 6 5 1-1
 SW 405 6 5 1-2
 SW 405 6 5 1-11
 SW 405 6 5 1-12

MATERIAL 121: MATERIALS

CLASS A

PIPE

SEAMLESS STAINLESS STEEL
 SA 316 TP 304

2" SCH 160

FITTINGS

STAINLESS STEEL
 SA 182 F 304

2" 6000 # S/W

FLANGES

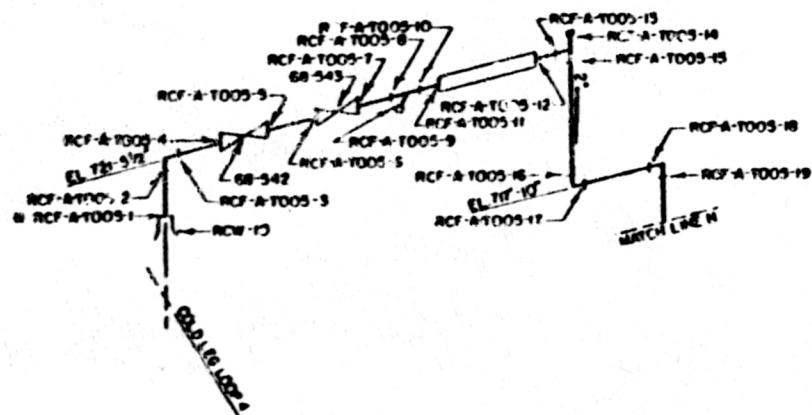
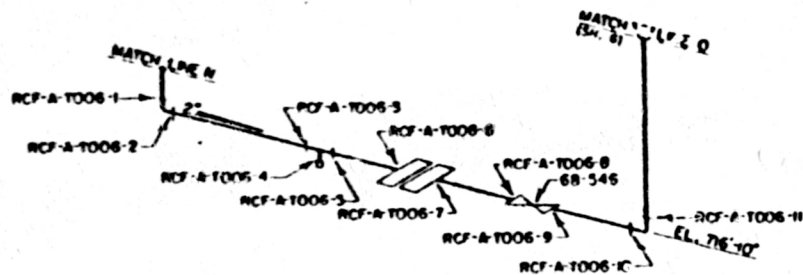
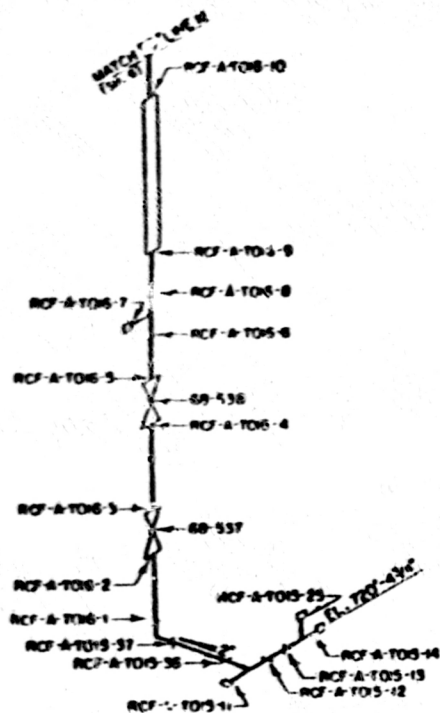
STAINLESS STEEL
 SA 182 F 316

2" 1500 # R.F. S/W BORED TO 5/8" 160

W BUTT WELDED

APPENDIX A
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NO.	DATE	REVISION	APP.
1		DESIGNED BY: [Signature]	
2		CHECKED BY: [Signature]	
3		APPROVED BY: [Signature]	
4		WITTS BAR NUCLEAR PLANT	
5		UNIT #1	
6		REACTOR COOLANT SYSTEM	
7		WELD LOCATIONS	
8		7/16	
9		1/21/81	
10		1/21/81	



REFERENCE

SA 400 2 51 2 RS
SA 400 5 51 1 RS
SA 400 7 51 1 RS

MATERIAL

CLASS A

PWT
SEAMLESS STAINLESS STEEL
SA 370 TP 304

2" SCH 80

FITTINGS

STAINLESS STEEL
SA 182 F 304

2" 6000# S/W

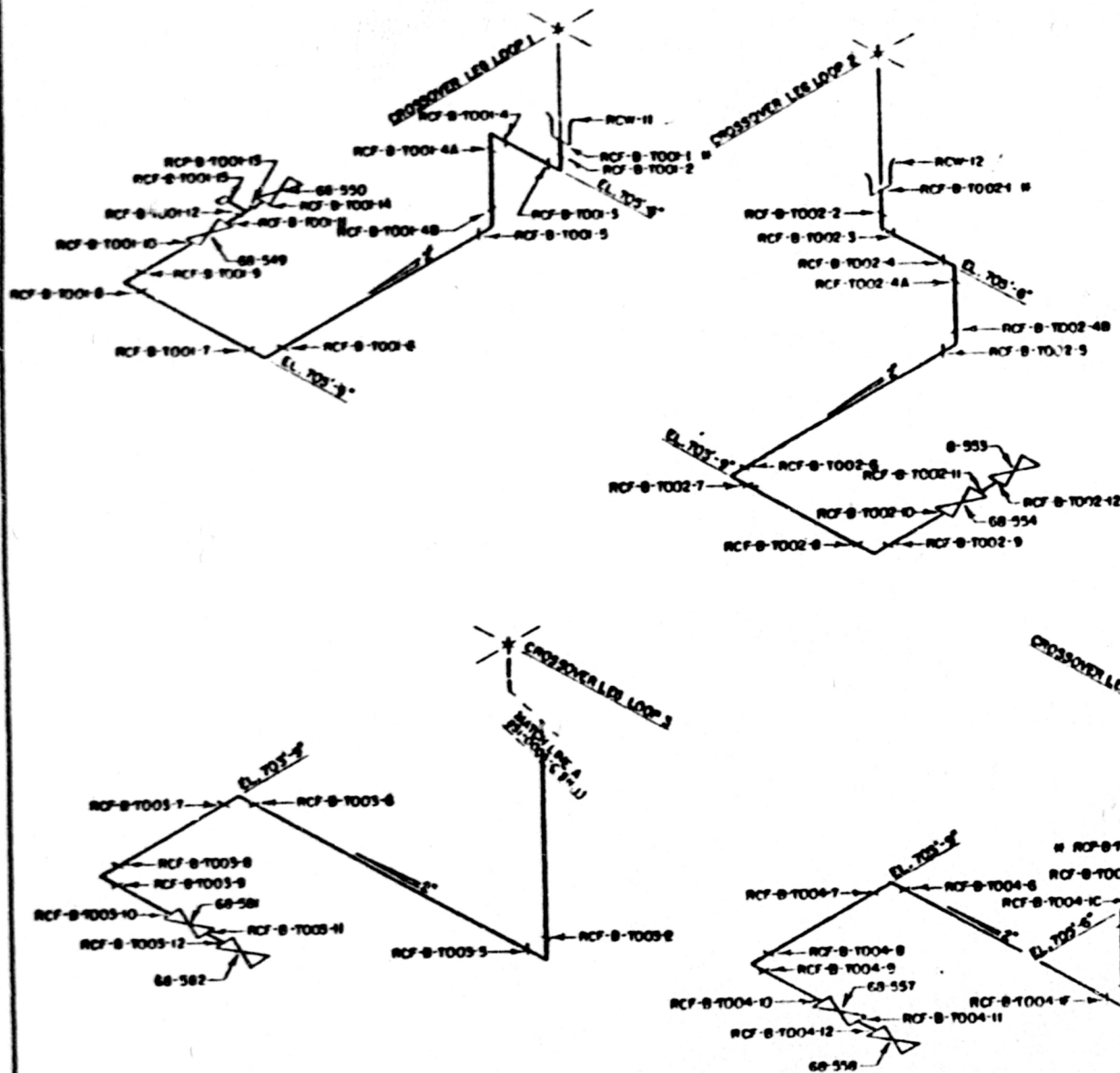
FLANGES

STAINLESS STEEL
SA 182 F 304

2" 1500# R.F. S/W BORED TO SCH. 80

WBP
TI-50A
Appendix A
Page 73 of 80
Revision 7

NO	DATE	REVISIONS	APP
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CHECKED BY: [Signature]			
WATTS BAR NUCLEAR PLANT			
UNIT #1			
REACTOR COOLANT SYSTEM			
WELD LOCATIONS			
Welded By: [Signature]	Welded At: [Signature]	Welded On: [Signature]	Welded By: [Signature]



H BUTT WELDED

REFERENCE: 109e

SH 411 151
 SH 411 151
 SH 411 151

MATERIAL SPECIFICATIONS

CLASS A

PHE

SEAMLESS STAINLESS STEEL

SA 316 TP 304

2" SCH. 40

FIT 20GS

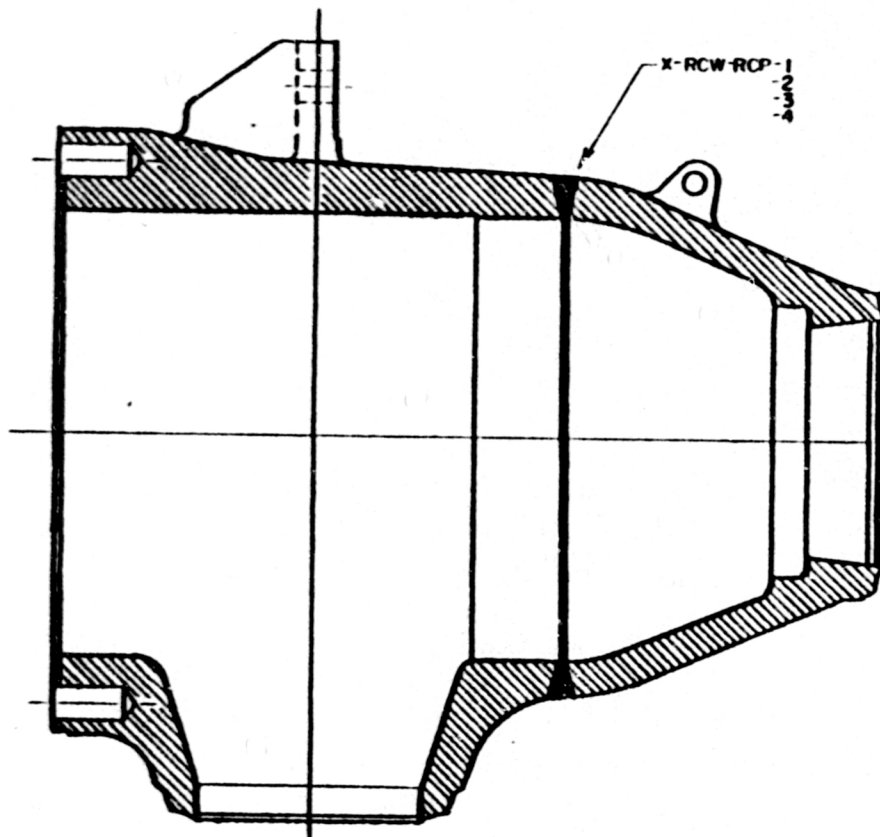
STAINLESS STEEL

SA 312 TP 304

2" 6000# S/W

WENT
 11-50A
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NO	DATE	REVISIONS	APP
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2		REVISIONS	
3		REVISIONS	
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99		REVISIONS	
100		REVISIONS	



NOTES

1. REPLACE THE X IN THE WELD NUMBER WITH THE APPROPRIATE UNIT NUMBER.

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TECHNICAL SERVICES DIVISION
 DIVISION OF NUCLEAR POWER

WATTS BAR NUCLEAR PLANT
 UNITS #1 & #2
 REACTOR COOLANT PUMP CASING
 WELD LOCATIONS

DATE: 1/18/83
 BY: JTB

REVISION: 7

BY: JTB

DATE: 1/18/83

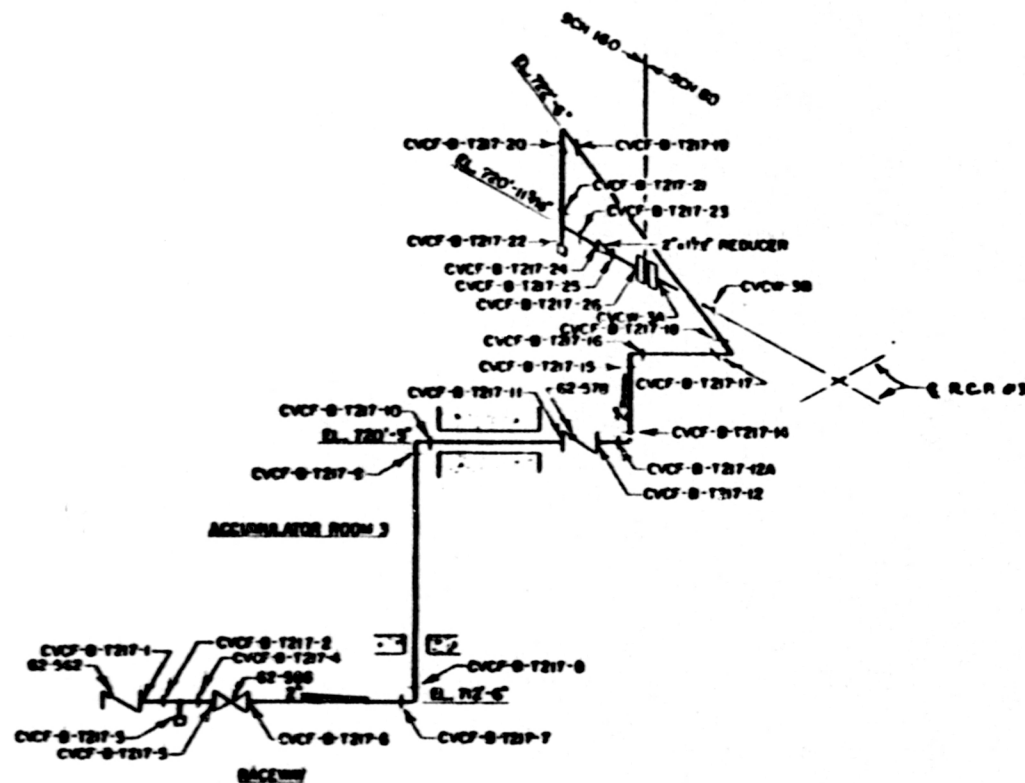
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REFERENCE	PIES
QUANTITY	BY
DATE	TIME
CLASS A	
PFE	
SA 375 TP 30	
2" SCH 160	
172" SCH 160	
112" SCH 80	
FITTINGS	
SA 182 F 304	
2" BORE SCH 160	
FLANGES	
SA 182 F 316	
112" BORE SCH 160	

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NO.	DATE	REVISIONS	RPT. NO.	
DIVISION OF NUCLEAR SAFETY OFFICE OF NUCLEAR ENERGY				
WATTS BAR NUCLEAR PLANT (UNIT #1) CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION PUMP LOCATIONS				
HTS HTS			1-19-01 1-19-01 1-19-01	



REFERENCE	WORDS
SA 182 F 304	CLASS A
SA 182 F 304	PIPE
SA 182 F 304	SA 376 TP SCH
SA 182 F 304	2" SCH 160
SA 182 F 304	1/2" SCH 160
SA 182 F 304	1/2" SCH 80
SA 182 F 304	FITTINGS
SA 182 F 304	SA 182 F 304
SA 182 F 304	2" BORE SCH 160
SA 182 F 304	FLANGES
SA 182 F 304	SA 182 F 304
SA 182 F 304	1/2" BORE SCH 160

TBNP
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NO.	DATE	REVISIONS	BY	CHKD BY
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DIVISION OF NUCLEAR POWER
 WATTS NAR NUCLEAR PLANT
 UNIT #1
 CHEMICAL AND VOLUME CONTROL SYSTEM
 SEAL WATER INJECTION
 WELD LOCATIONS

RYS
 8/27/80
 1-37-80
 1-4-80
 1-4-80
 1-4-80

DATE _____ PERIODS _____

TRANSFERRED UNDER DUTY/FITTS

DIVISION OF INSURANCE AND FIRE

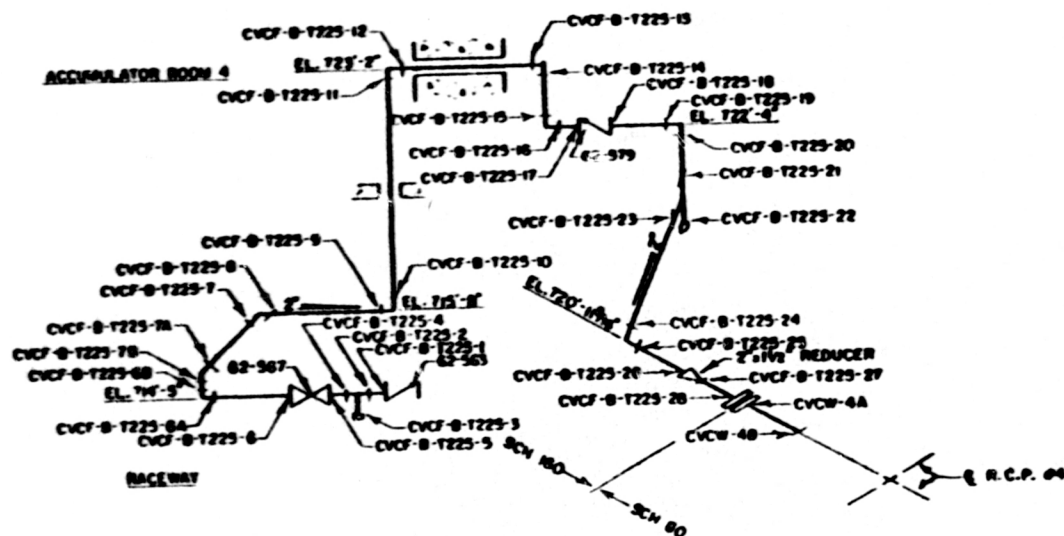
WATTS BAR IN CLEAN PLANT

UNIT #1

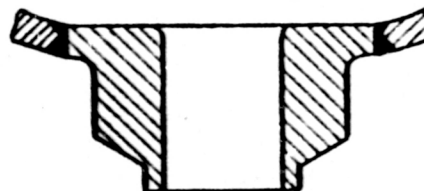
CHEMICAL AND VOLUME CONTROL SYSTEM
SEAL WATER INJECTION
WELD LOCATIONS:

NYC
BY [Signature]
[Signature]

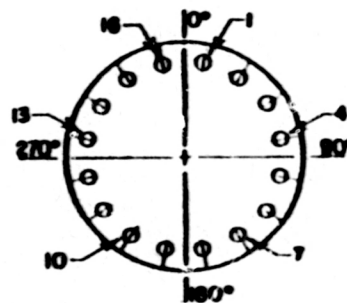
7-10-68
2000
RC



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DETAIL A



SECTION 4 "A" - "A"

REFERENCE DRAWINGS

WESTINGHOUSE HOOE18
WBN E-2873 IC-74

MATERIAL SPECIFICATIONS

CLASS B

TANK

SHELL

SA-351 CF8A

3.12" NOM.

HEADS

SA 240 TP 304

2.00 NOM.

NOZZLES

SA 182 304

BOLTING

STUDS

SA 193 GR. B7

2.50-8UN-2A x 13.50

NUTS

SA 193 GR. 2H

2.50-BUN-2B HVY.

FITTINGS

SA 403 WP 304

6" SCH 160

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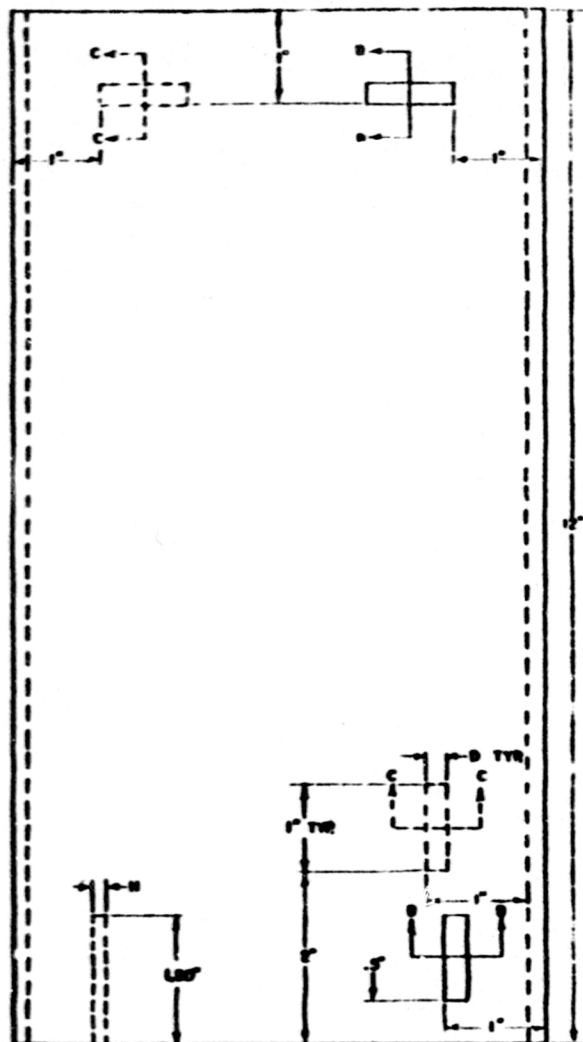
				E 90	
NO.		DATE		REVISIONS	
				E.C. DATE	
TEMPERIDGE VALLEY AUTHORITY DIVISION OF NUCLEAR POWER WATTS BAR NUCLEAR PLANT UNIT 1 BORON INJECTION TANK WELD LOCATOR					
534 HTS 534 HTS 534 HTS		534 HTS 534 HTS 534 HTS		534 HTS 534 HTS 534 HTS	

170

TABLE A
LIST OF CALIBRATION BLOCK DRAWINGS

WBNP
TI- 50A
APPENDIX B
PAGE 1 OF 27
REV. 7

<u>BLOCK NO.</u>	<u>DRAWING NO.</u>	<u>APPENDIX B PAGE NO.</u>
WB-1	CH-M-2445-C	1
WB-2	CH-M-2445-C	1
WB-3	CH-M-2445-C	1
WB-4	CH-M-2445-C	1
WB-5	CH-M-2445-C	1
WB-6	CH-M-2460-B	3
WB-7	CH-M-2507-C	4
WB-8	CH-M-2507-C	4
WB-9	CH-M-2507-C	4
WB-10	CH-M-2553-C	7
WB-11	CH-M-2593-C	11
WB-12	CH-M-2553-C	7
WB-13	CH-M-2571-C	8
WB-14	CH-M-2550-C	5
WB-15	CH-M-2552-C	6
WB-16	CH-M-2591-B	10
WB-17	CH-M-2571-C	8
WB-18	CH-M-2571-C	8
WB-19	CH-M-2571-C	8
WB-20	CH-M-2589-B	9
WB-21	CH-M-2571-C	8
WB-23	CH-M-2597-C	12
WB-24	CH-M-2597-C	12
WB-25	CH-M-2597-C	12
WB-26	CH-M-2597-C	12
WB-27	CH-M-2597-C	12
WB-29	CH-M-2591-B	10
WB-30	CH-M-2591-B	10
WB-31	CH-M-2597-C	12
WB-32	CH-M-2597-C	12
WB-33	CH-M-2638-C	
WB-34	CH-M-2638-C	
WB-35	CH-M-2597-C	12
WB-36	CH-M-2597-C	12
WB-37	CH-M-2678-B	13
WB-38	CH-M-2742-C	14
WB-39	CH-M-2771-C	15
WB-ET-1	CH-M-2447-B	2
7-1-8-CS-3-WAB	D-5420 032 (SWRI)	22
10.5-7-8-CS-4-WAB	D-5420 033 (SWRI)	23
16-59-2	D-5420 037 (SWRI)	25
IR-CSCL-2-WAB	D-5420 031 (SWRI)	21
NS-CSCL-1-WAB	D-5420 030 (SWRI)	20
Q-7053 1 of 2		
Q-7053 2 of 2	D-5420 035 (SWRI)	24
TO 4519		
TO 7216		
WAT-UT-01	D-5420 022 (SWRI)	17
WAT-UT-02	D-5420 026 (SWRI)	19
WAT-UT-03	D-5420 025 (SWRI)	18
WAT-UT-05	D-5420 021 (SWRI)	16
WAT-UT-06	2414 SH-7 (RDM)	26

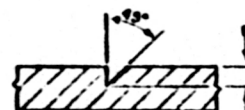


BLOCK NO.	DIA.	T	D	A	H	L
XX-1 ⁰	6	0.681	0.034	120°	3/32	1/2 T
XX-2	8	0.878	0.044	120°	3/32	1/2 T
XX-3	12	1.126	0.056	120°	1/8	1/4 T
XX-4	16	0.827	0.041	120°	3/32	1/2 T
XX-5	32	1.434	0.072	60°	1/8	1/4 T

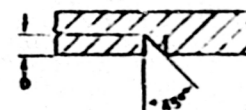
NOTE:
 SUBSTITUTE SQ FOR SEQUOIA
 NUCLEAR PLANT OR WB FOR
 WATTS BAR NUCLEAR PLANT
 IN PLACE OF THE XX IN THE
 BLOCK NUMBER.

RECEIVED BY: _____
 CHECKED BY: _____
 DATE: _____

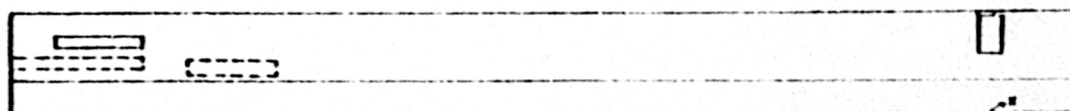
WEND
 T1-50A
 APPENDIX B
 PAGE 2 OF 27
 REV. 7



SECTION B-B



SECTION C-C

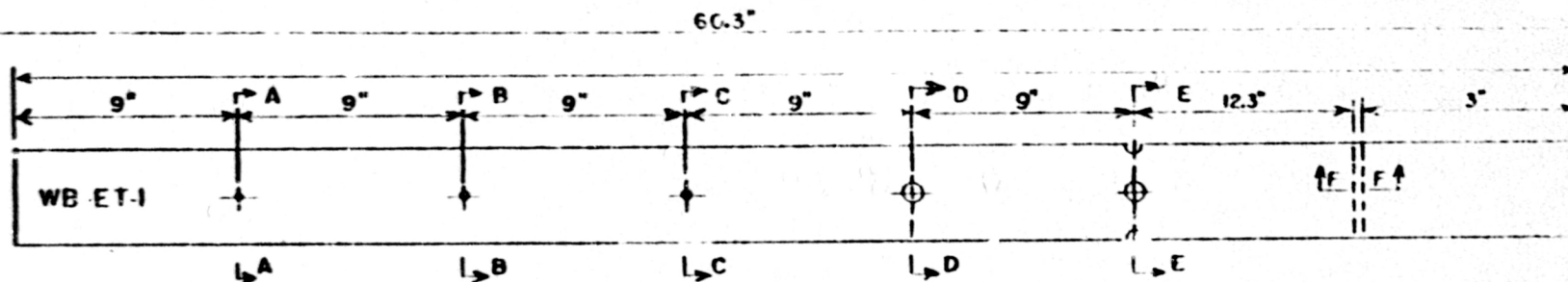


STAMP BLOCK NUMBER HERE

PERMANENT GALLERY ARCHIVES
 Division of Naval Facilities Engineering

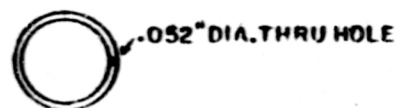
ULTRASONIC CALIBRATION BLOCKS

11/1/71



TUBE .750 O.D. X .042 WALL
MATERIAL SPEC. INCONEL 600

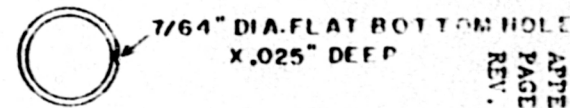
DRAWING: 11-50A-11773
 CORRECT ASSEMBLY MARKING
 TOLERANCES
 BY: *Handwritten signature*
 DATE: 3/10/71



SECT. 'A-A'



SECT. 'B-B'



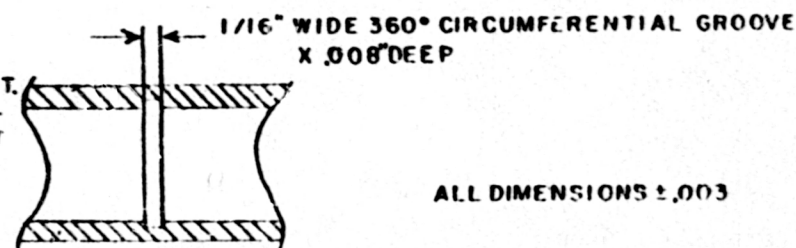
SECT. 'C-C'



SECT. 'D-D'



SECT. 'E-E'



SECT. 'F-F'

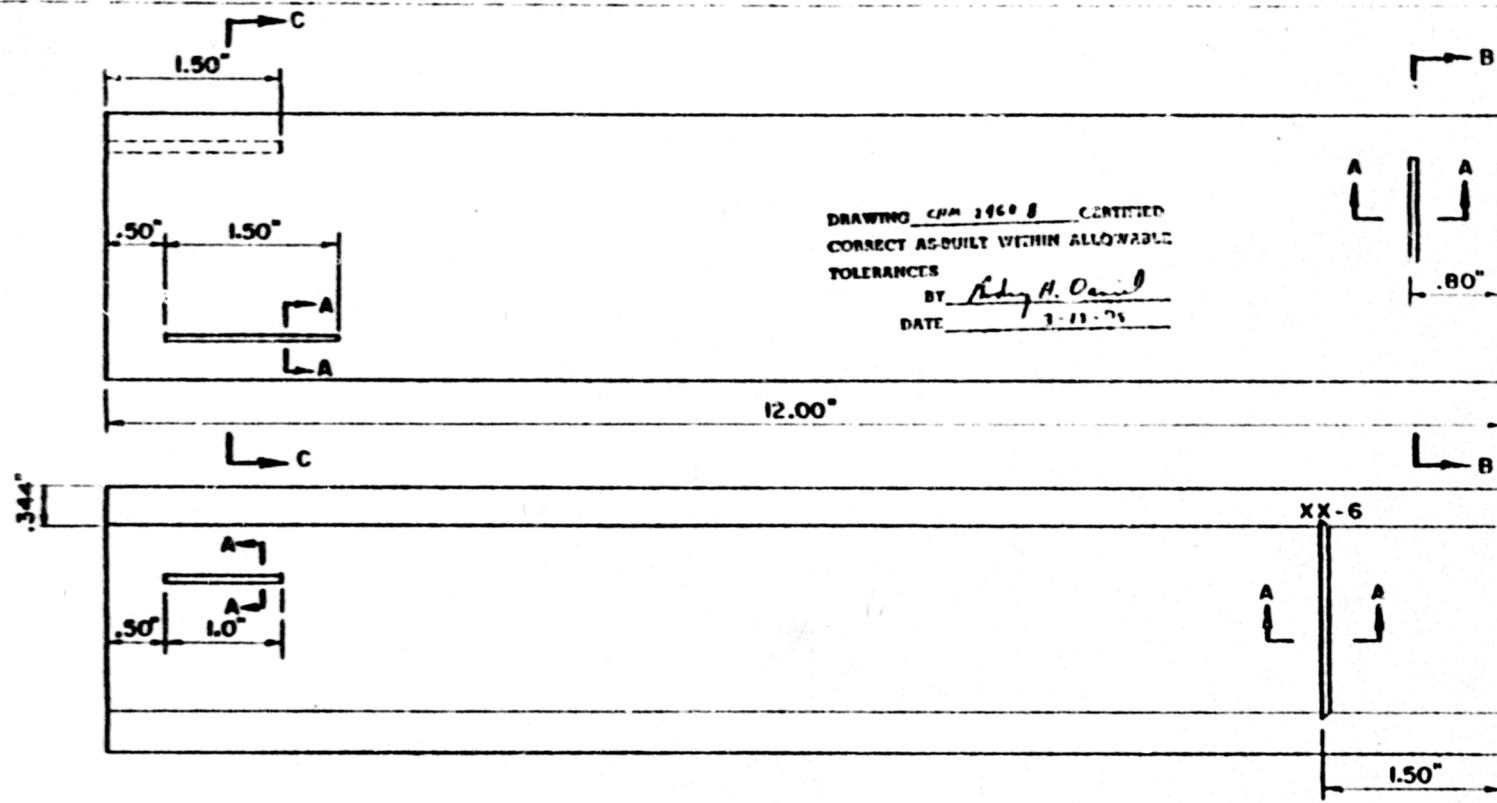
ALL DIMENSIONS ±.003

TENNESSEE VALVE & ALTIMETER

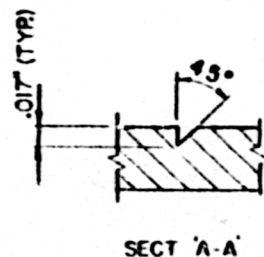
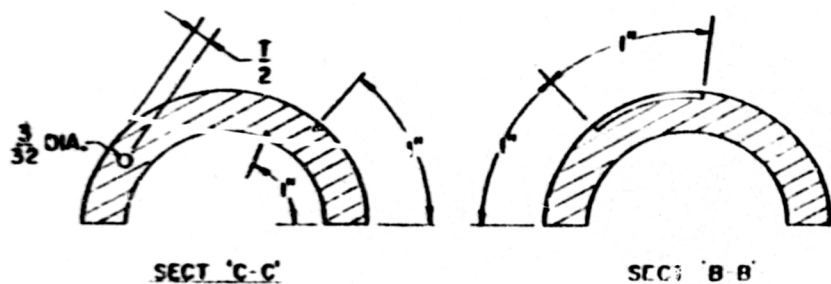
**EDDY CURRENT EXAMINATION
 CALIBRATION STANDARD**

11-50A-11773
 11-50A-11773
 11-50A-11773
 11-50A-11773

APPENDIX B
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 REV. 7



WBND
 TI-50A
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 REV. 7

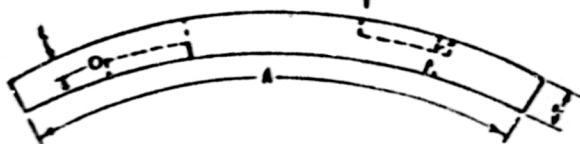


SUBSTITUTE SQ FOR SEQUOIAH
 NUCLEAR PLANT OR WB FOR WATTS
 BAR NUCLEAR PLANT IN PLACE OF
 THE XX IN THE BLOCK NUMBER.

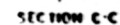
ULTRASONIC CALIBRATION BLOCK

NA RHD

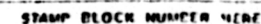
2-15-78
 CHM-1468 B



NOTE:
SUBSTITUTE SQ FOR SEQUOYAN
NUCLEAR PLANT OR WB FOR
WATTS BAR NUCLEAR PLANT
IN PLACE OF THE XX IN THE
BLOCK NUMBER.

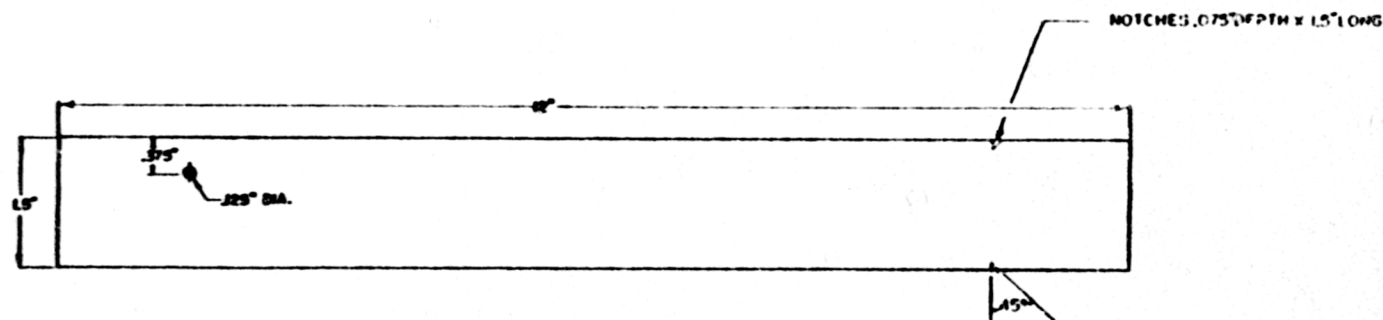
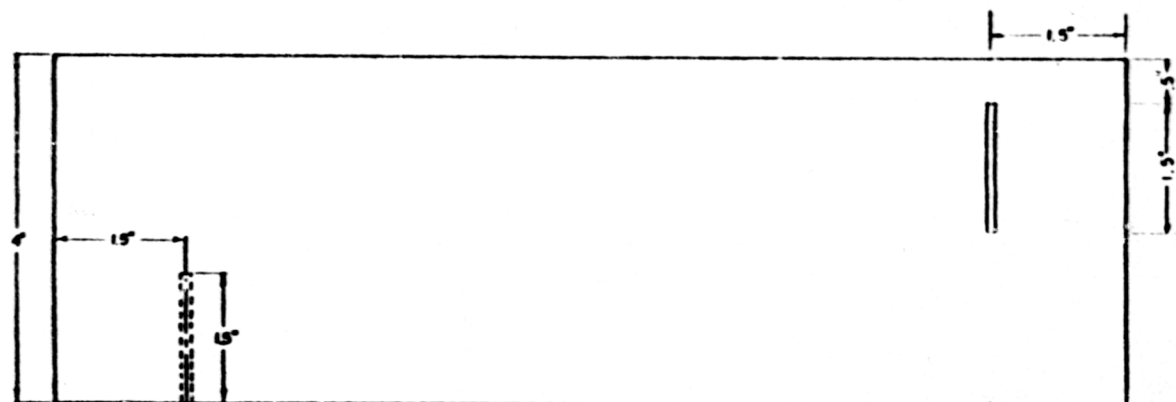


WENT
TT-50A
APPENDIX B
PAGE 5 OF 27
REV. 7



TELETYPE UNIT			
ULTRASONIC CALIBRATION			
BLOCKS			
DATE	TIME	DATE	TIME
10/10/78	10:00	10/10/78	10:00

WBNP
 T1-50A
 APPENDIX B
 PAGE 6 OF 27
 REV. 7



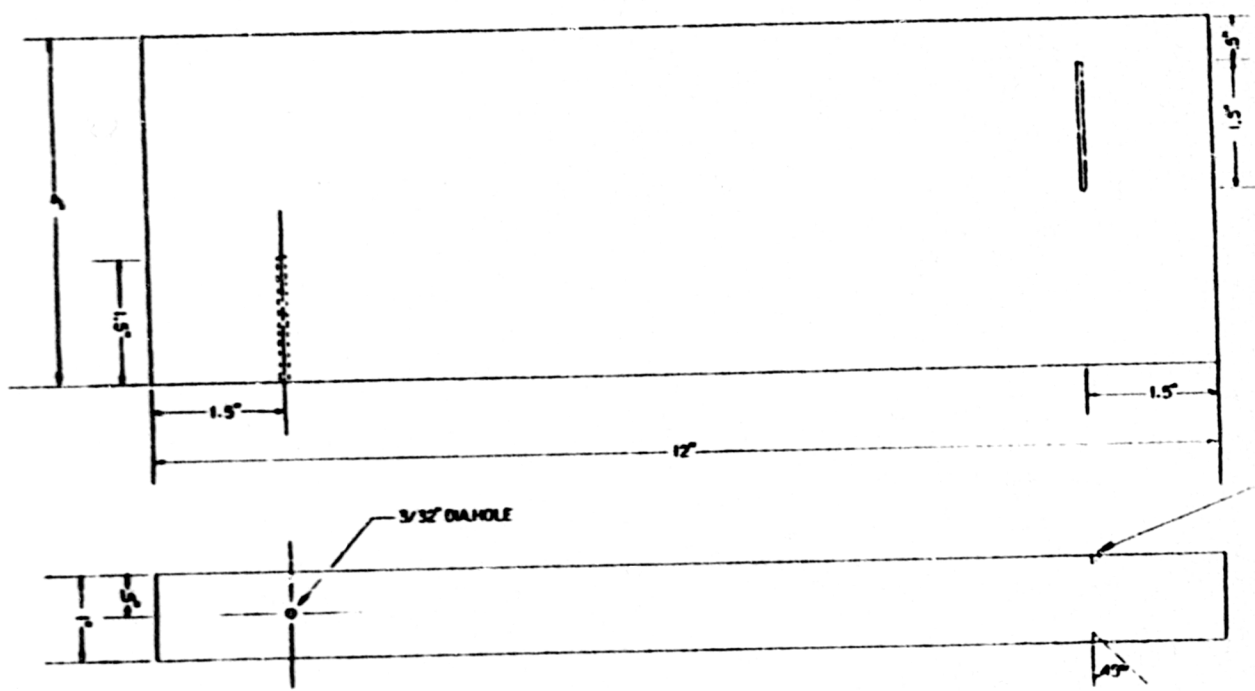
SIS GRADE 70 WB-14 50-14

TENNESSEE VALLEY AUTHORITY
 DIVISION OF POWER ENGINEERING

ULTRASONIC CALIBRATION MARK
 WATTS BAR NUCLEAR PLANT B
 SECONARY FUEL ELEMENT
 MAIN STEAM SYSTEM

DATE: 10/1/77 BY: [Signature]

WBNP
 T1-50A
 APPENDIX B
 PAGE 7 OF 27
 REV. 1



NOTCH 0.050" DEPTH X 1.5" X 1.5"

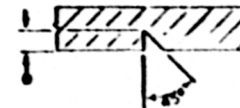
SS 304	WE-15	50-15
TENNESSEE VALLEY AUTHORITY		
DIVISION OF NUCLEAR POWER		
ULTRASONIC CALIBRATION BLOCK		
WATTS BAR NUCLEAR PLANT & SEQUOYAH NUCLEAR PLANT		
DWR SYSTEM		
DATE	BY	CHKD
10/1/88	J. L. B.	J. L. B.

BLOCK NO	DIA	T	D	A	H	L
XX-10	14"	1.362	0.068	120°	1/8	1/4T
XX-12	2 1/2"	0.415	0.021	180°	3/32	1/2T

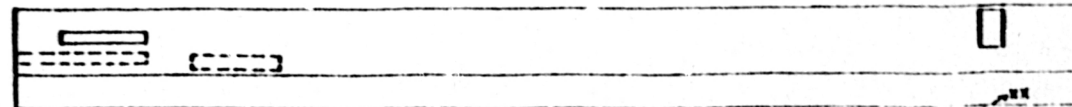
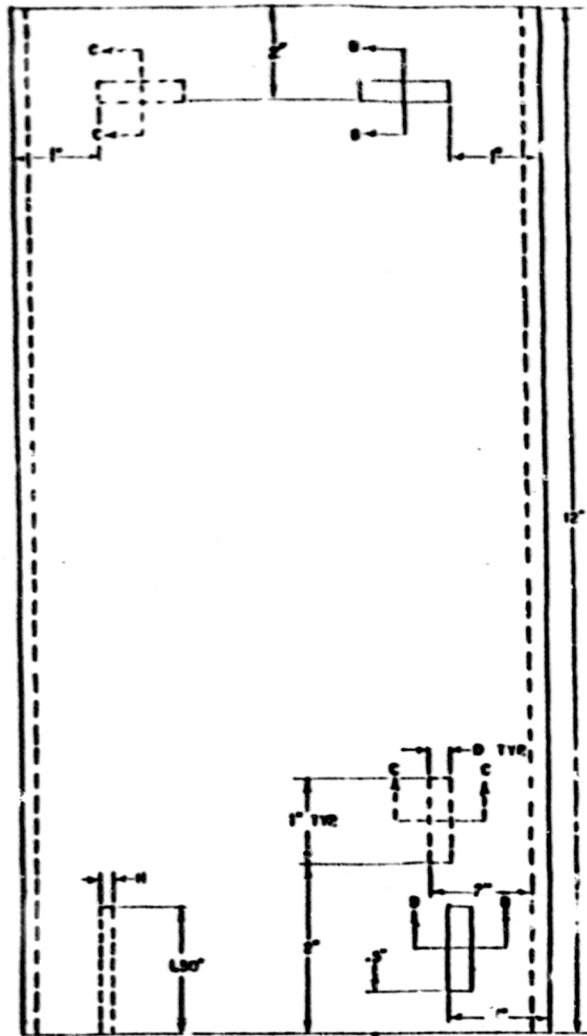
NOTE:
 SUBSTITUTE SQ FOR SECUCYAN
 NUCLEAR PLANT OR W.B FOR
 WATTS B.R. NUCLEAR PLANT
 IN PLACE OF THE XX IN THE
 BLOCK NUMBER.



SECTION B-B



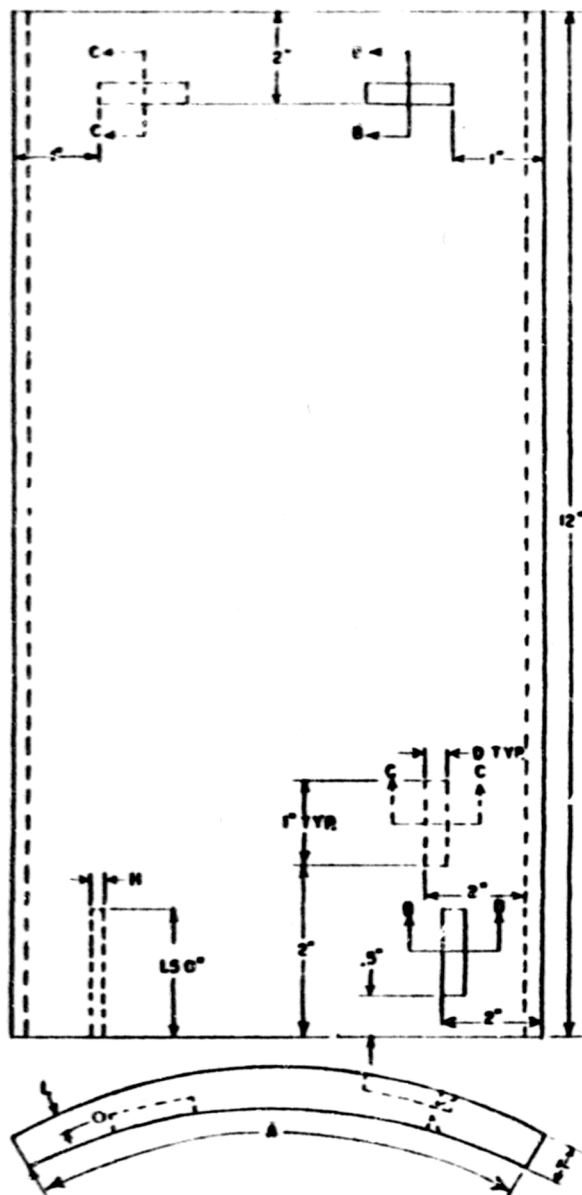
SECTION C-C



STAMP BLOCK NUMBER HERE

ULTRASONIC CALIBRATION BLOCKS			
SCALE: 875	DATE: 7-13-70	REV: 7-13-70	
DESIGNER: RND	DRAWN: RND		

WENP
 TI-50A
 APPENDIX B
 PAGE 8 OF 27
 REV. 7



BLOCK NO	DIA	T	D	A	H	L
XX-13	4"	0.438	0.022	180°	3/32	1/2 T
XX-17	5"	0.625	0.031	180°	3/32	1/2 T
XX-18	18"	0.919	0.047	120°	3/32	1/2 T
XX-19	6"	0.864	0.043	180°	3/32	1/2 T
XX-21	10"	1.500	0.075	180°	1/8	1/4 T

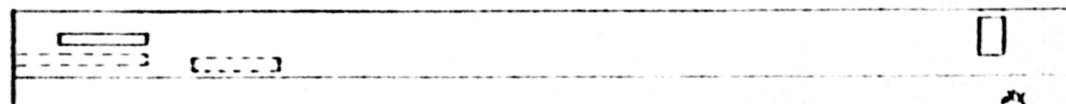
NOTE: SUBSTITUTE SQ FOR SEQUOYAH NUCLEAR PLANT
OR WB FOR WATTS BAR NUCLEAR PLANT IN
PLACE OF THE XX IN THE BLOCK NUMBER.



SECTION B-B



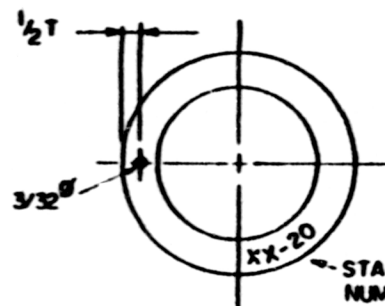
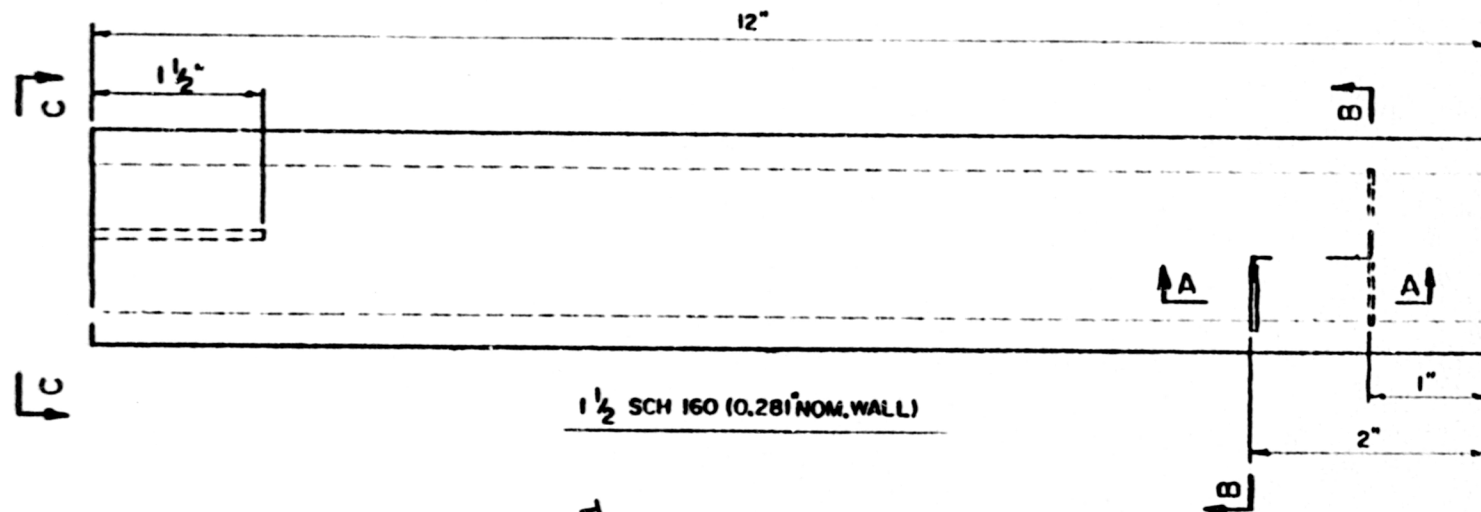
SECTION C-C



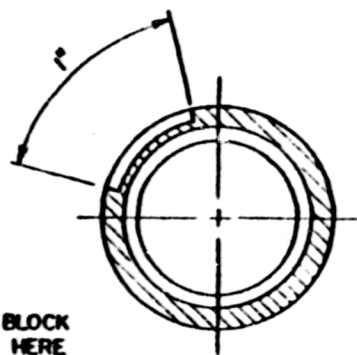
STAMP BLOCK NUMBER HERE

TENNESSEE VALLEY AUTHORITY DIVISION OF POWER PRODUCTION			
ULTRASONIC CALIBRATION BLOCKS			
118	100	100	100
REV. 4.77 CH. 15.116			

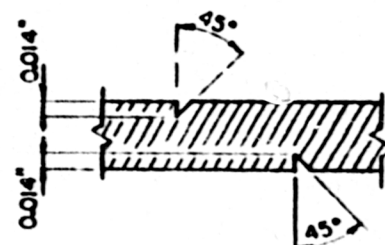
WBNP
TI-50A
APPENDIX B
PAGE 9 OF 27
REV. 7



C - C



B - B



A - A

SUBSTITUTE SO FOR SEQUOYAH
NUCLEAR PLANT OR WB FOR
WATTS BAR NUCLEAR PLANT IN
PLACE OF THE XX IN THE BLOCK
NUMBER.

TERRESE VALLEY AUTHORITY

ULTRASONIC CALIBRATION BLOCK

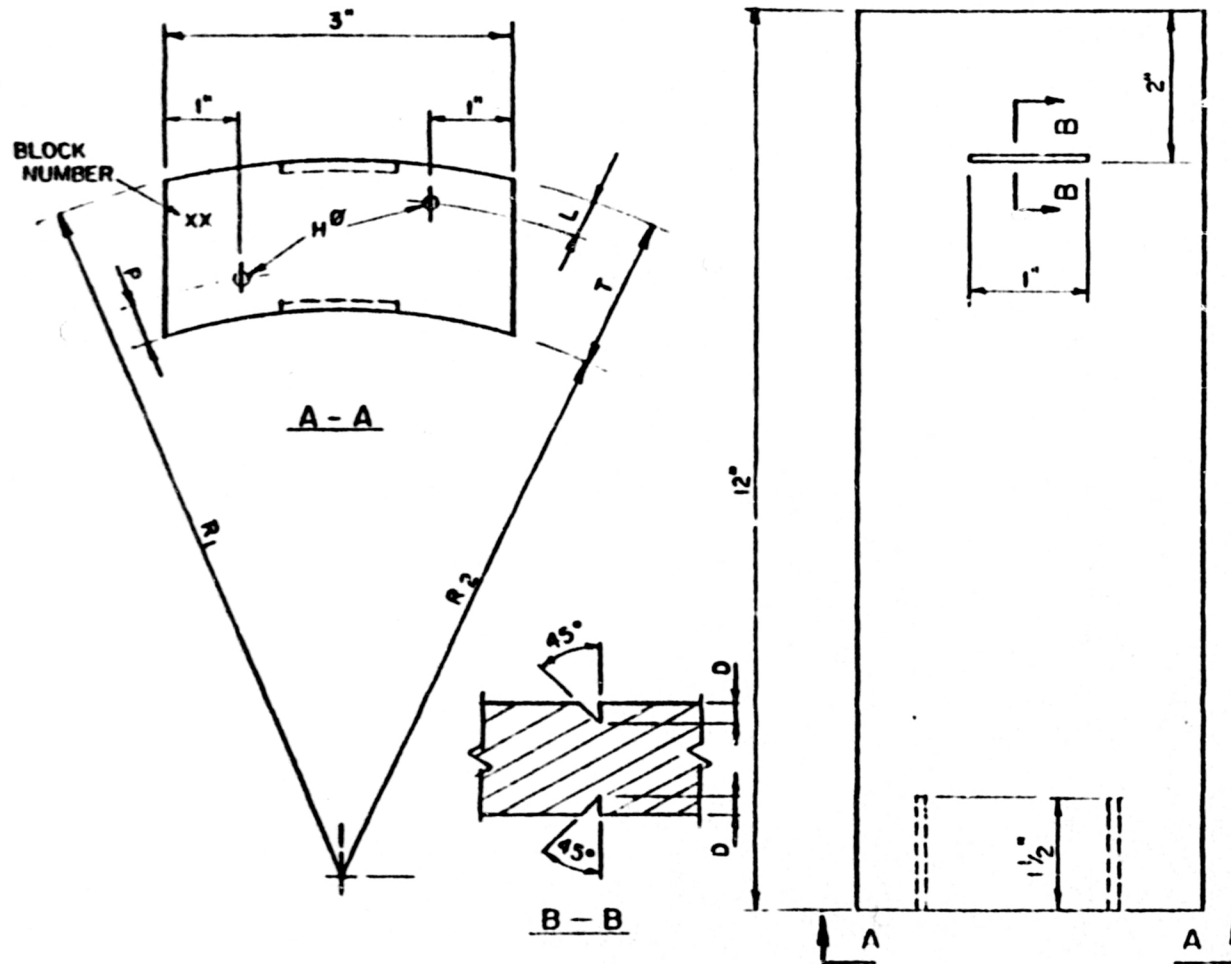
DATE: 11-15-73

REVISION: 1

BY: RHB

DATE: 11-15-73
CHECKED BY: RHB

WEND
APPENDIX B
PAGE 10 OF 27
REV. 7



BLOCK NUMBER	R ₁	R ₂	D	T	L	H	P
XX-18	6.375	5.063	0.066	1.312	1/4 T	1/8	1/4 T
XX-29	4.200	3.000	0.060	1.200	1/4 T	1/8	1/4 T
XX-30	2.906	2.000	0.045	0.900	1/2 T	3/32	NA

SUBSTITUTE SQ FOR SEQUOYAH
NUCLEAR PLANT OR WB FOR WATTS
BAR NUCLEAR PLANT IN PLACE OF
THE XX IN THE BLOCK NUMBER.

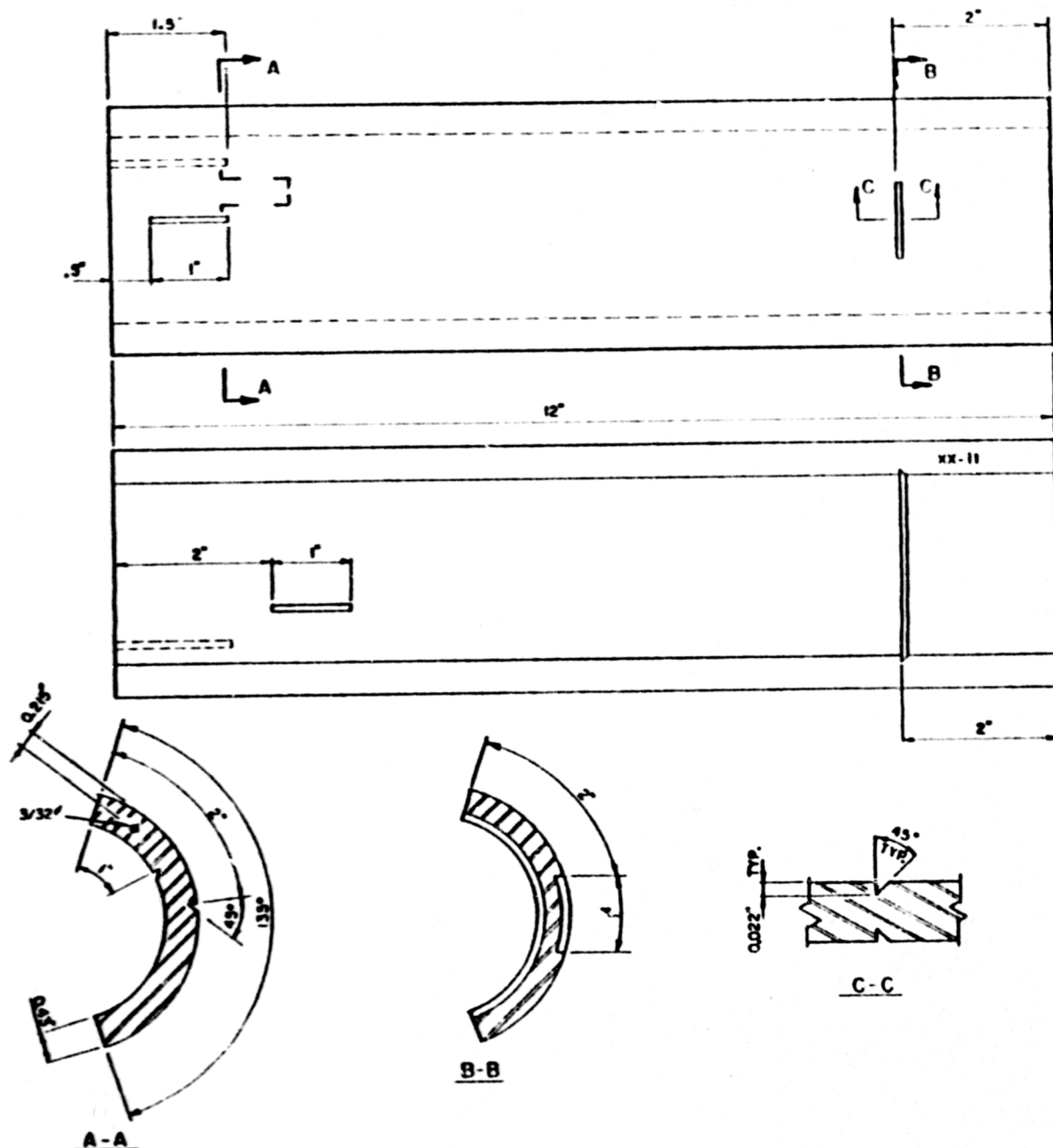
FABRICATE FROM S.S. PLATE.

TEHRAN-SSC VALLEY AUTHORITY

ULTRASONIC CALIBRATION BLOCKS

WTS R170 V10/71 CH-M 25X-1

WENT
TI-50A
APPENDIX B
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NOTES:

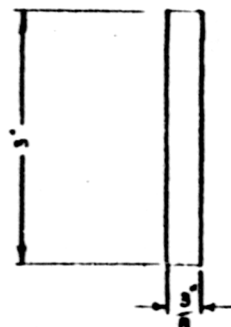
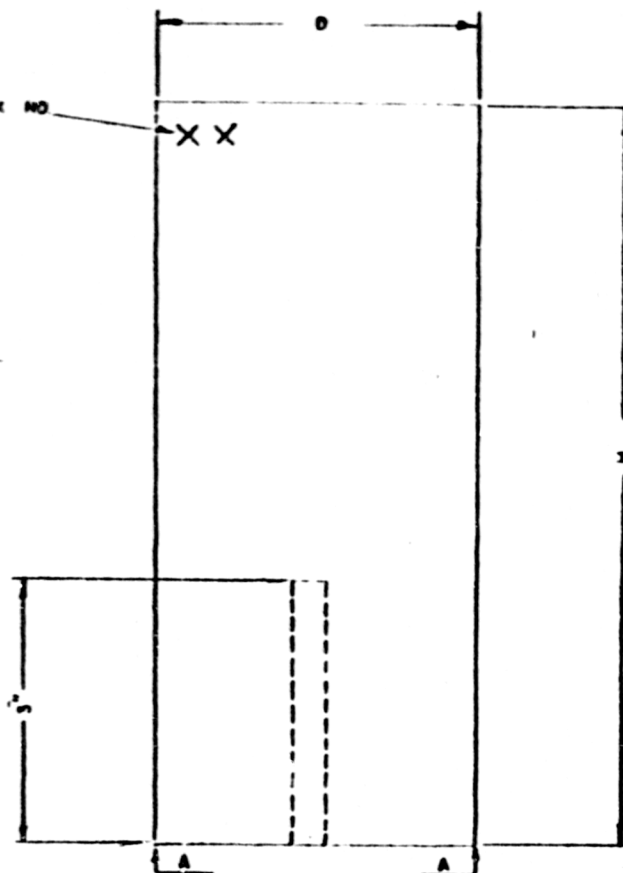
1. MAT'L: 3" SCH 160 PIPE SS.
2. SUBSTITUTE SS FOR SEQUOYAH NUCLEAR PLANT OR WB FOR WATTS BAR NUCLEAR PLANT IN PLACE OF THE XX IN THE BLOCK NUMBER.

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER RESEARCH

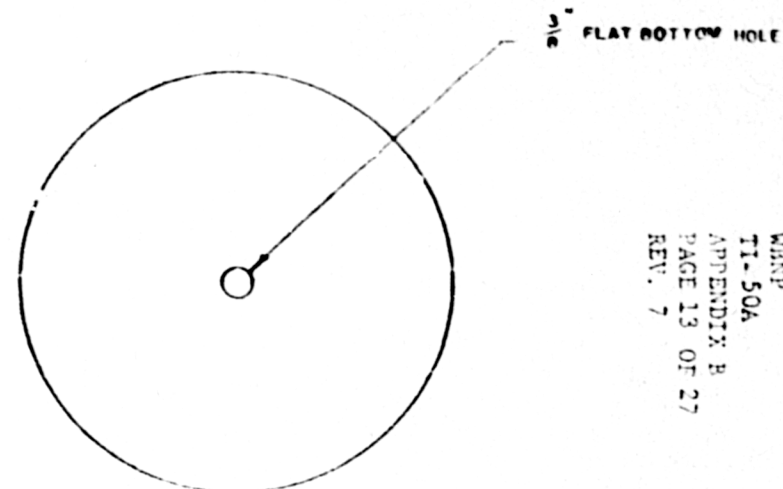
ULTRASONIC CALIBRATION BLOCK XX-II

WENT
TI-50A
APPENDIX B
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REV. 7

BLOCK NO



PIN SHALL BE A PRESS
FIT INTO THE $\frac{3}{8}$ " DRILLED
FLAT BOTTOM HOLE



A - A

NOTE: 1. PIN SHALL BE SAME MATERIAL
AS ROLLED STOCK
2. SUBSTITUTE SO FOR SEQUOYAH
NUCLEAR PLANT OR WB FOR
WATTS BAR NUCLEAR PLANT
IN PLACE OF THE XX IN THE
BLOCK NUMBER

BLOCK	D	H	MATERIAL
XX 23	$1\frac{3}{8}$ "	17"	SA-A3 GRB7
XX 24	$1\frac{1}{4}$ "	9"	SA-A3 GRB7
XX 25	$1\frac{1}{8}$ "	$10\frac{1}{2}$ "	SA-A3 GRB7
XX 26	$4\frac{1}{2}$ "	$30\frac{1}{2}$ "	SA-A3 GRB7
XX 27	2"	8"	SA-A3 GRB7
XX 28	$1\frac{1}{2}$ "	$7\frac{1}{2}$ "	AISI-4140
XX 29	$1\frac{1}{4}$ "	10"	AISI-4140
XX 30	$1\frac{3}{8}$ "	8"	AISI-4140
XX 31	$1\frac{1}{4}$ "	$10\frac{1}{2}$ "	AISI-4140

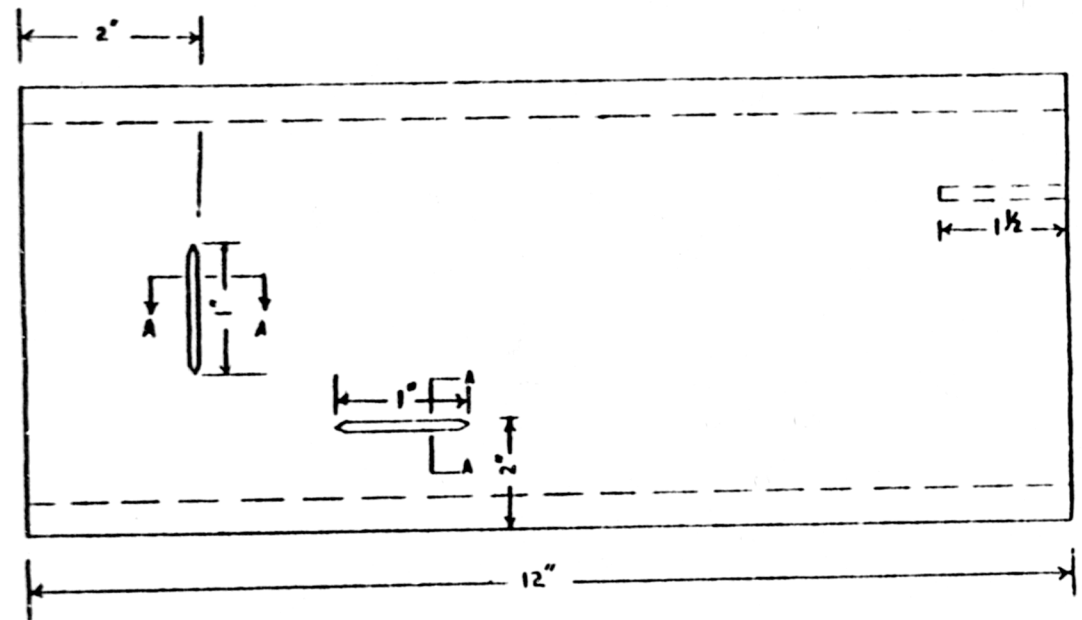
TECHNICAL VALLEY AUTHORITY
Division of Engineering

STUD AND BOLT CALIBRATION BLOCK

DATE: 11/10/60 BY: WBO

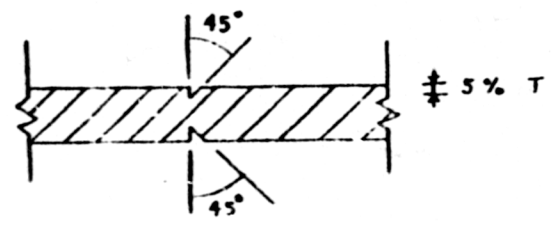
WBP
TI-50A
APPENDIX B
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WBNP
 11-50A
 APPENDIX E
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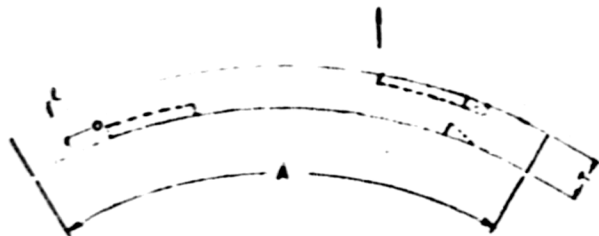
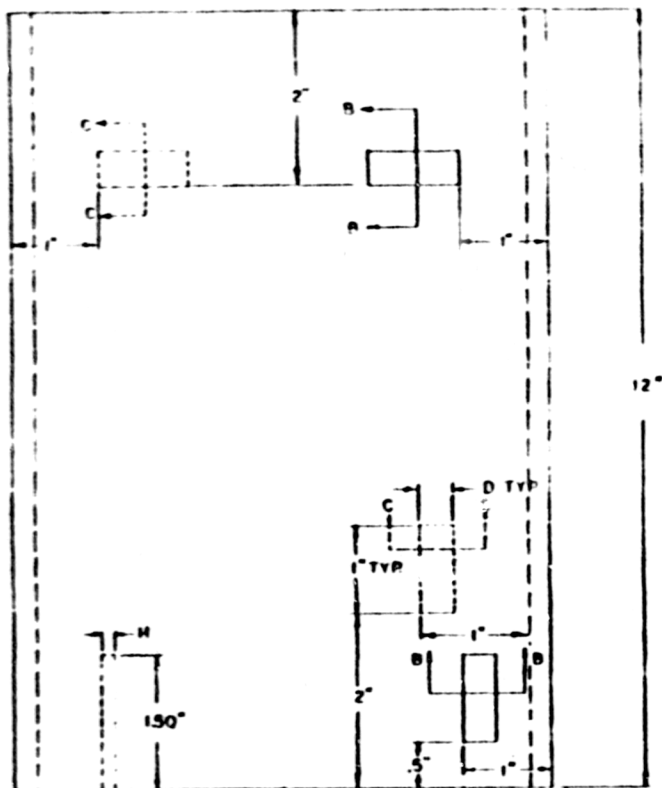


SA-53 GR B

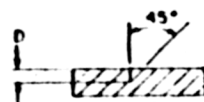
SECTION A-A



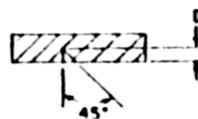
TENNESSEE VALLEY AUTHORITY DIVISION OF POWER PROTECTION			
6" SCH 80 UT PIPE CALIBRATION BLOCK WBNP			
DATE 8/2	DESIGNED RHD	CHECKED <i>[Signature]</i>	DATE 8/2/77



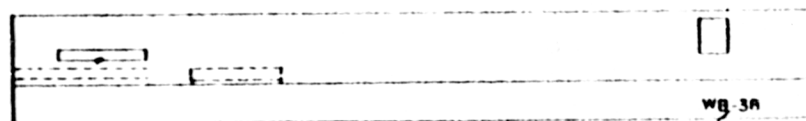
BLOCK NO.	DIA.	T	D	A	H	L
WB 3A	R"	0.500	0.025	120°	3/32	1/2 T



SECTION B-B



SECTION C-C



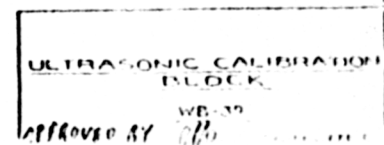
STAMP BLOCK NO. HERE

WB-3A
 TI-50A
 APPENDIX B
 PAGE 15 OF 27
 REV. 7

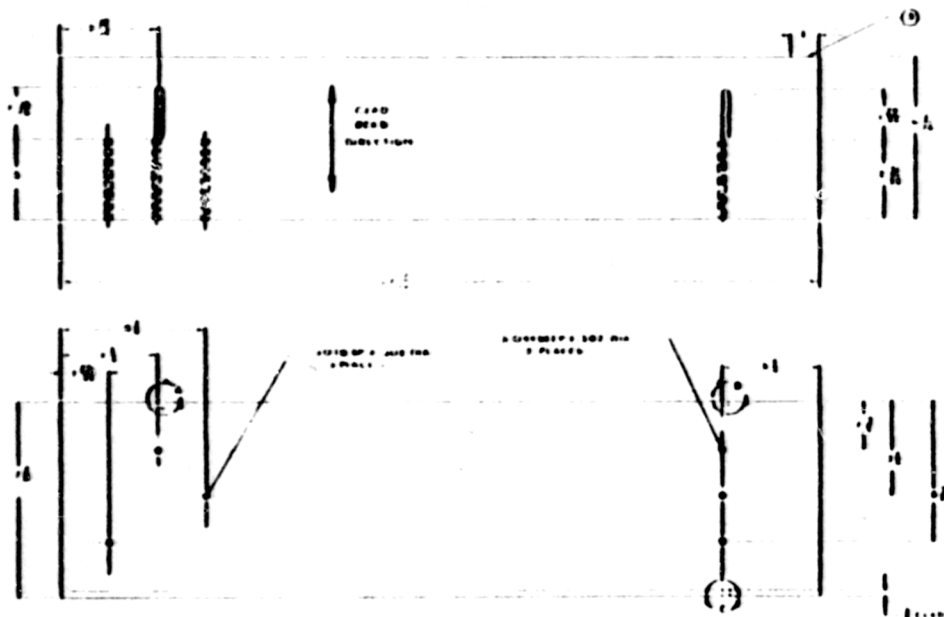
TENNESSEE VALLEY AUTHORITY
 DIVISION OF POWER PLANT ENGINEERING

ULTRASONIC CALIBRATION BLOCK

DATE: *10/1/58* BY: *W. A. Smith*



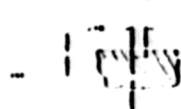
WEND
 11-50A
 APPENDIX B
 PAGE 17 OF 27
 REV. 7



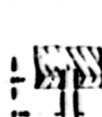
DETAIL A



DETAIL B



DETAIL C



DETAIL SCALE 1:1

NOTES

1. DIMENSIONS ARE IN INCHES
2. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE TAIL FLANGE
3. DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE TAIL FLANGE
4. DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE TAIL FLANGE
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9. DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE TAIL FLANGE
10. DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE TAIL FLANGE

DRAWING NO. 11-50A APPENDIX B PAGE 17 OF 27 REV. 7		SCALE 1:1 DIMENSIONS ARE IN INCHES	
TITLE: TAIL FLANGE DRAWN BY: [Signature] CHECKED BY: [Signature] DATE: 11-50A		MATERIAL: [Blank] QUANTITY: [Blank] UNIT: [Blank]	
APPROVED BY: [Signature] DATE: 11-50A		C D-5420 021	

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11-50A
APPENDIX 5
PAGE 18 OF 27
REV. 7

[illegible]

VIEW A
4.010 01

VIEW E
4000 01VIEW C
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APPENDIX B
PAGE 19 OF 27
REV. 7



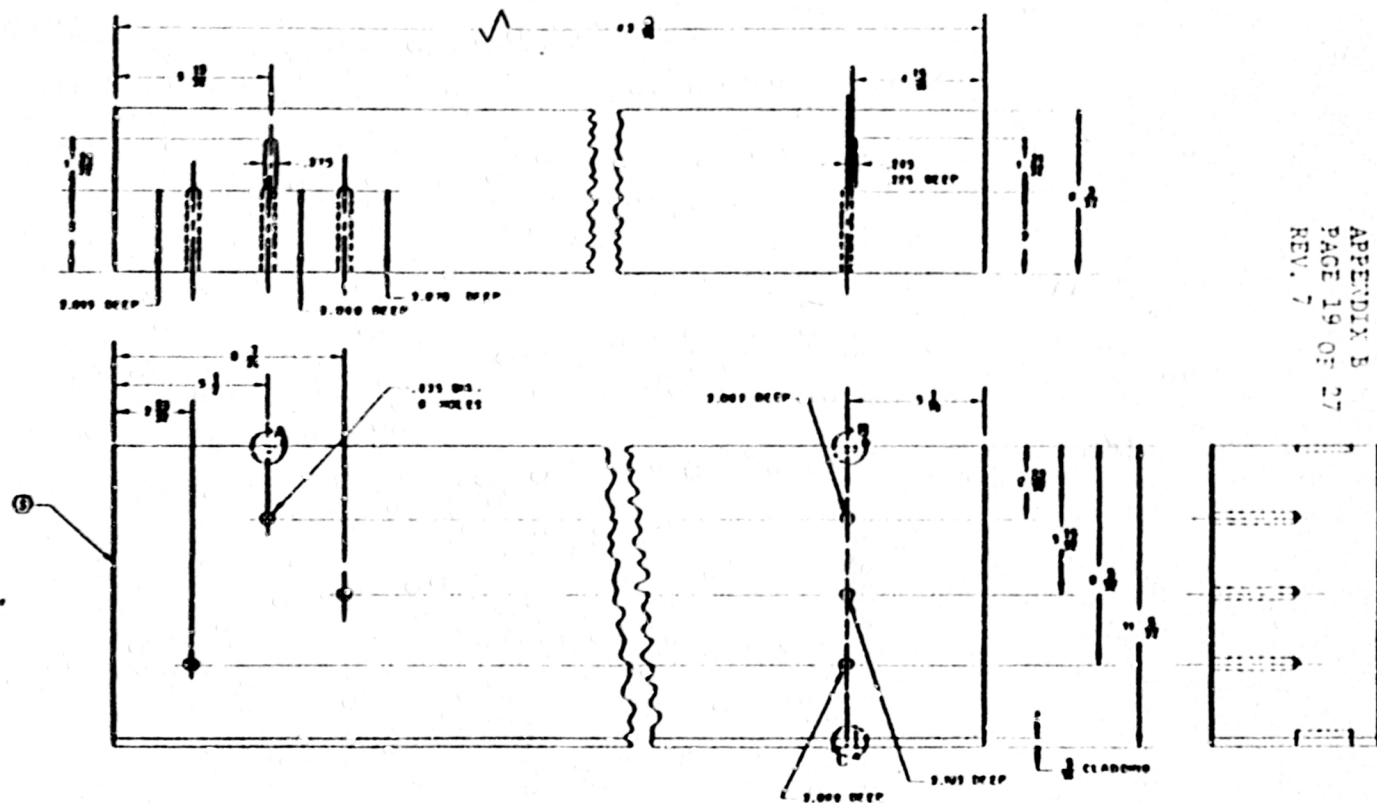
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SCALE: 2/1



DETAIL B
SCALE: 2/1



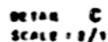
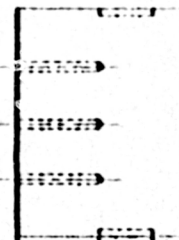
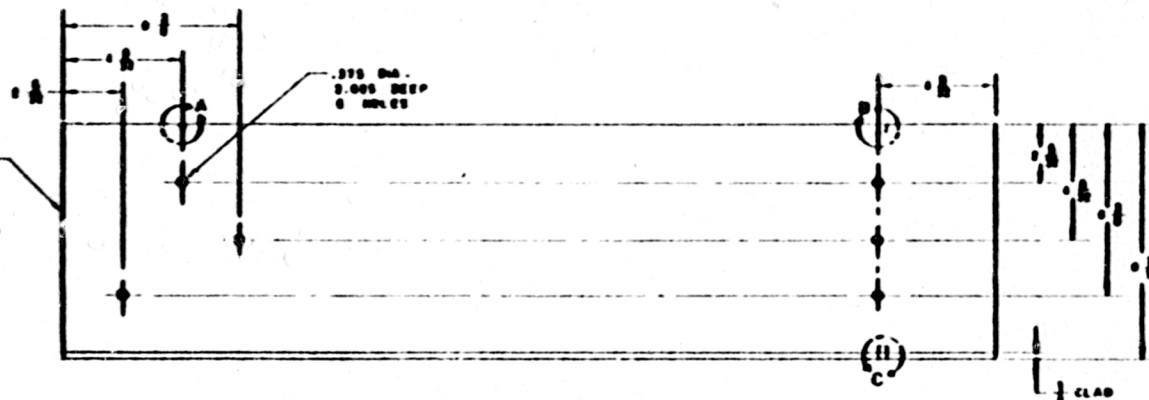
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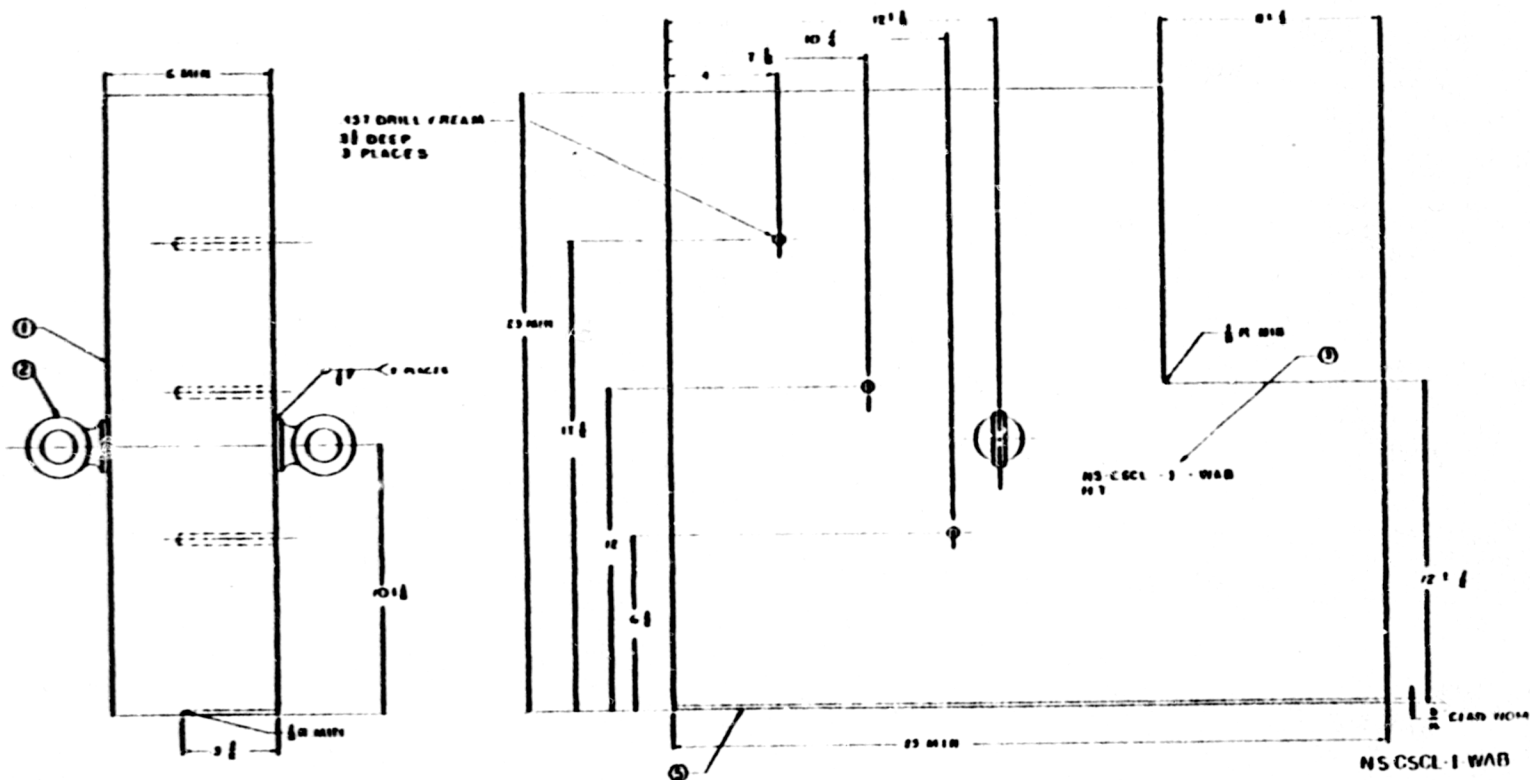


NOTES:

1. DIMENSIONS ARE IN INCHES
2. AS BUILT DIMENSIONS
REF. DIM. FROM SHEET 0,
BOTTLENECK KUTTER
3. STEEL STAMP IDENTIFICATION MARK,
ON 1/2" PLATE OF 1/2" FROM 00,
ON 1/2" FROM 00, FROM 00, FROM 00,
PROJECT WAT.

UT. CALIBRATION NUMBER 03 1/16 1/8 1/4 3/8 1/2 3/4 1 1 1/4 1 1/2 1 3/4 2 2 1/4 2 1/2 3 3 1/4 3 1/2 4 4 1/4 4 1/2 5 5 1/4 5 1/2 6 6 1/4 6 1/2 7 7 1/4 7 1/2 8 8 1/4 8 1/2 9 9 1/4 9 1/2 10 10 1/4 10 1/2 11 11 1/4 11 1/2 12 12 1/4 12 1/2 13 13 1/4 13 1/2 14 14 1/4 14 1/2 15 15 1/4 15 1/2 16 16 1/4 16 1/2 17 17 1/4 17 1/2 18 18 1/4 18 1/2 19 19 1/4 19 1/2 20 20 1/4 20 1/2 21 21 1/4 21 1/2 22 22 1/4 22 1/2 23 23 1/4 23 1/2 24 24 1/4 24 1/2 25 25 1/4 25 1/2 26 26 1/4 26 1/2 27 27 1/4 27 1/2 28 28 1/4 28 1/2 29 29 1/4 29 1/2 30 30 1/4 30 1/2 31 31 1/4 31 1/2 32 32 1/4 32 1/2 33 33 1/4 33 1/2 34 34 1/4 34 1/2 35 35 1/4 35 1/2 36 36 1/4 36 1/2 37 37 1/4 37 1/2 38 38 1/4 38 1/2 39 39 1/4 39 1/2 40 40 1/4 40 1/2 41 41 1/4 41 1/2 42 42 1/4 42 1/2 43 43 1/4 43 1/2 44 44 1/4 44 1/2 45 45 1/4 45 1/2 46 46 1/4 46 1/2 47 47 1/4 47 1/2 48 48 1/4 48 1/2 49 49 1/4 49 1/2 50 50 1/4 50 1/2 51 51 1/4 51 1/2 52 52 1/4 52 1/2 53 53 1/4 53 1/2 54 54 1/4 54 1/2 55 55 1/4 55 1/2 56 56 1/4 56 1/2 57 57 1/4 57 1/2 58 58 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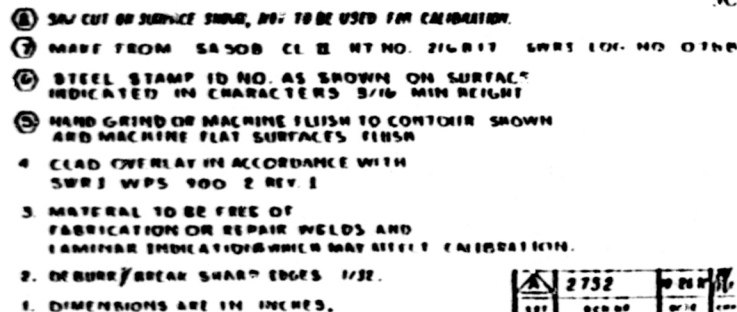


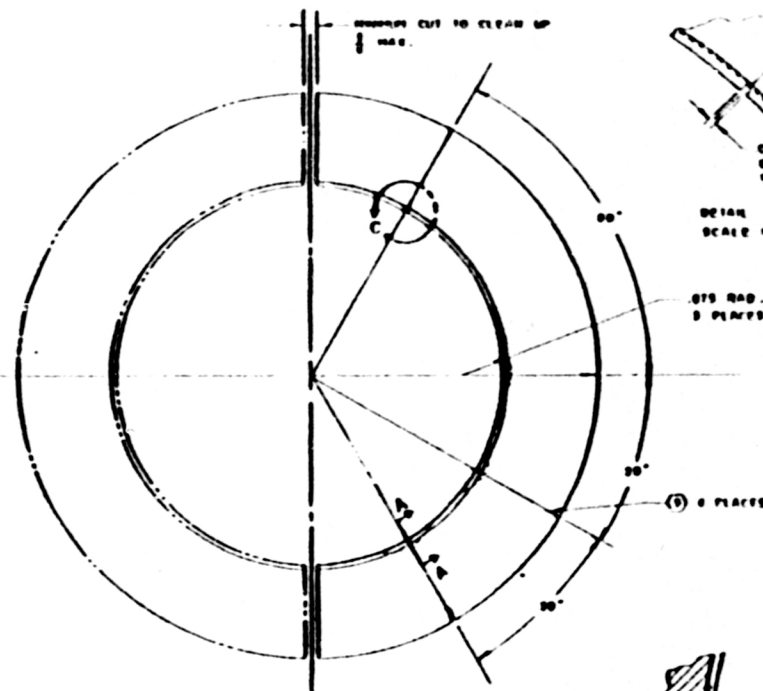
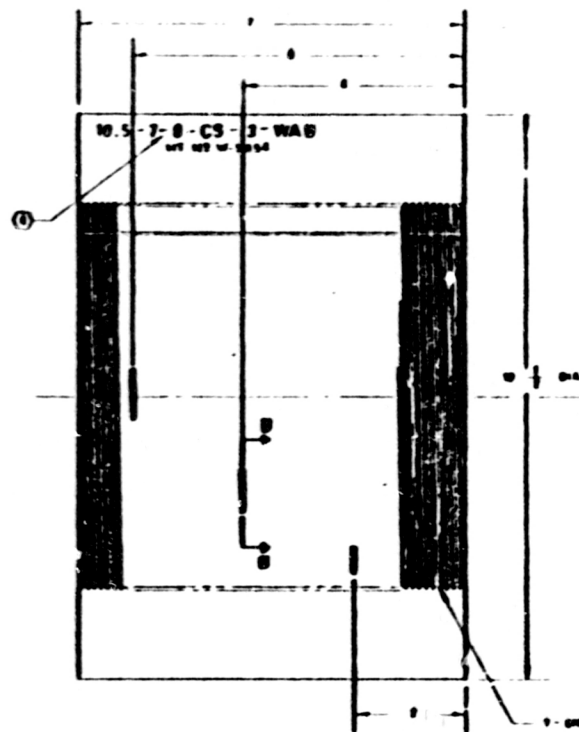
NOTE

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WBNP
TI-50A
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[illegible]

[illegible]



092 CUT GRAYE TO
FOOTING OF 10' x 10'
1.000

BRIAN C
SCALE: 2/1

079 MAG.
3 PLATE

WENP
TI-50A
APPENDIX B
PAGE 24 OF 27
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019 WAD
17C

SECTION 11 - 11
SCALE: 1/2" = 1'

10.5-7-0-CS-4-VAR

NOTES :

1. DOWNSWING AND ON DITCHES
2. DITCH ALL 1-3-60 (20:35) AND (21:00) DITCH
3. DOWNSWING FOR DITCH ON 50 FT. OF PAVEMENT
ON 100 FT. WIDE. ALL 1-3-60 (20:35) DITCH
ON 100 FT. WIDE. ALL 1-3-60 (20:35) DITCH
4. DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON
DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON
5. DITCH 1-3-60 DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON
DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON
6. DITCH 1-3-60 DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON
DITCH DITCH 1/2 TO 25 DITCH ON SURFACE DITCHED ON

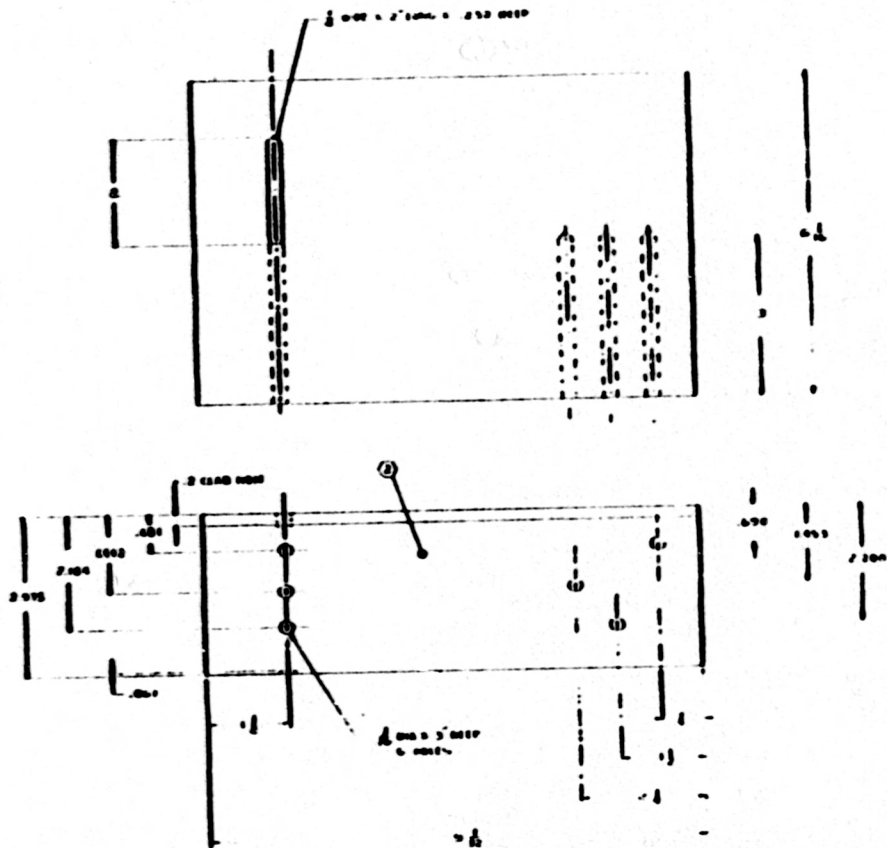
SECTION A - A
SCALE - 8/1

1500 1ST AVENUE
 NEW YORK, N.Y. 10022
 TEL: 212-697-1100
 FAX: 212-697-1101

1c 10-5420 033

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T1-50A
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1-55-1102-2-9-18-1018



DATE	11/11/10	BY	1017
DESCRIPTION	REVISION 1		
APPROVED	1017		
REVISION	1		
DATE	11/11/10	BY	1017
DESCRIPTION	REVISION 1		
APPROVED	1017		
REVISION	1		
DATE	11/11/10	BY	1017
DESCRIPTION	REVISION 1		
APPROVED	1017		
REVISION	1		

1. DIMENSIONS ARE IN INCHES
2. DIMENSIONS ARE IN MILLIMETERS
3. DIMENSIONS ARE IN FEET
4. DIMENSIONS ARE IN METERS
5. DIMENSIONS ARE IN YARDS
6. DIMENSIONS ARE IN KILOMETERS
7. DIMENSIONS ARE IN MILES
8. DIMENSIONS ARE IN NAUTICAL MILES
9. DIMENSIONS ARE IN FATHOMS
10. DIMENSIONS ARE IN FURLONGS
11. DIMENSIONS ARE IN SPANS
12. DIMENSIONS ARE IN CUBIC INCHES
13. DIMENSIONS ARE IN CUBIC FEET
14. DIMENSIONS ARE IN CUBIC YARDS
15. DIMENSIONS ARE IN CUBIC METERS
16. DIMENSIONS ARE IN CUBIC KILOMETERS
17. DIMENSIONS ARE IN CUBIC MILES
18. DIMENSIONS ARE IN CUBIC NAUTICAL MILES
19. DIMENSIONS ARE IN CUBIC FATHOMS
20. DIMENSIONS ARE IN CUBIC FURLONGS