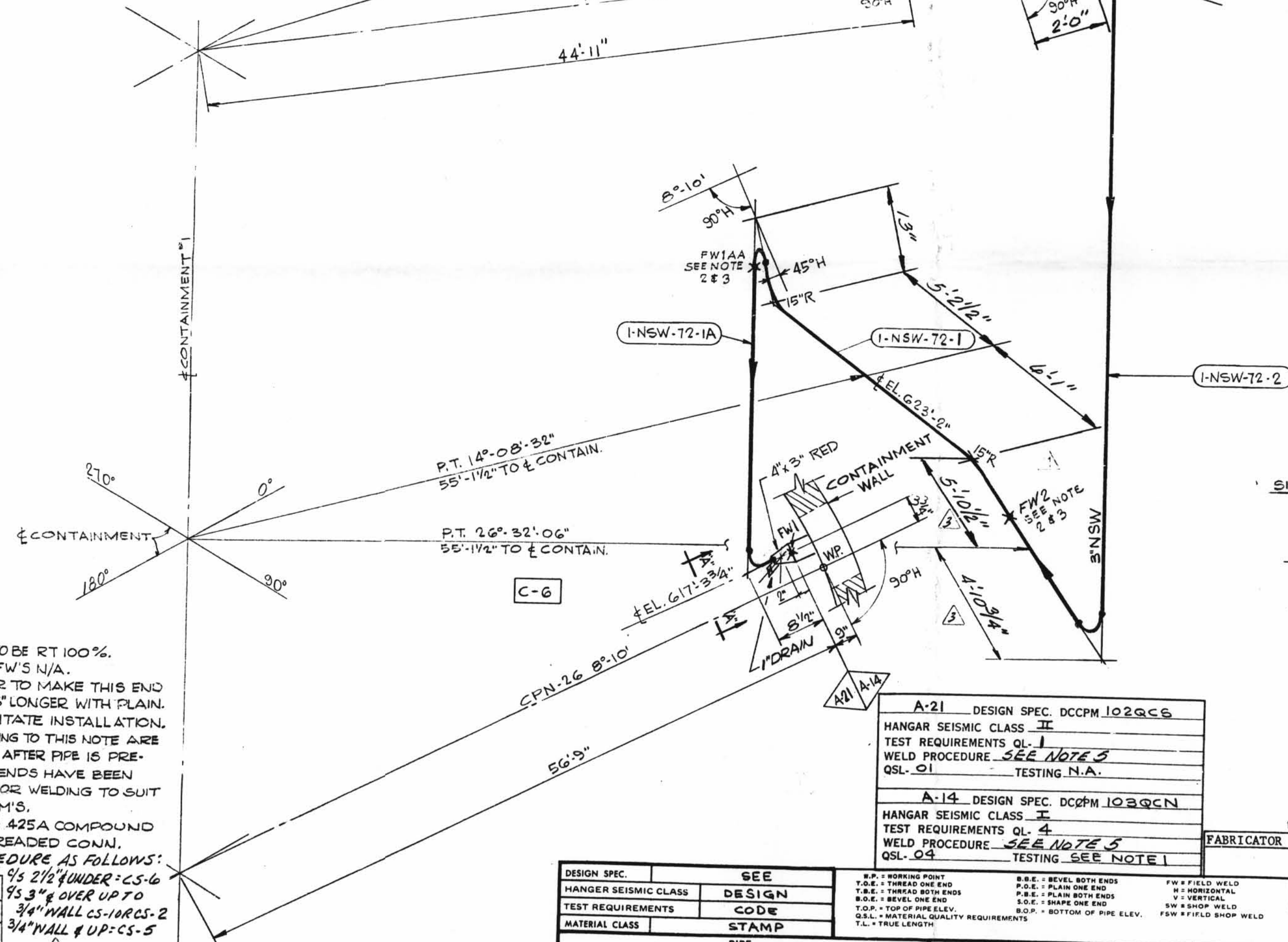
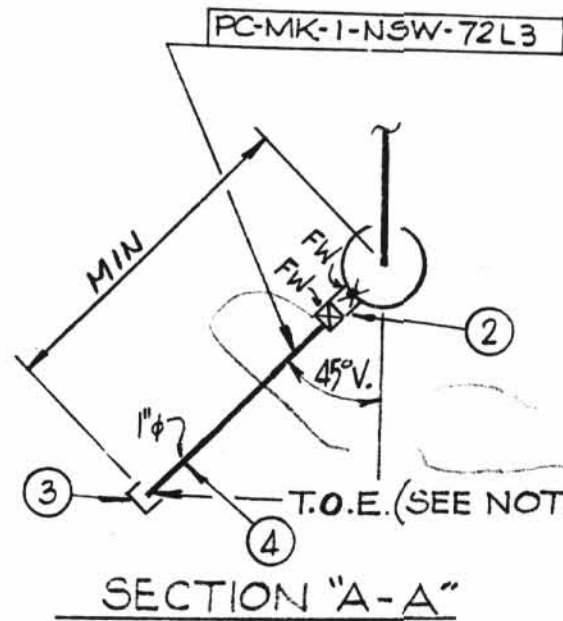
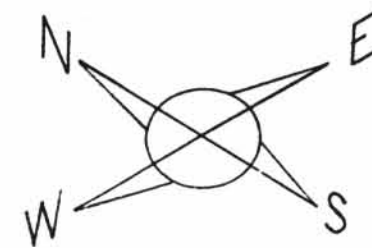


TOTAL
FW



NOTES:

- FW 1 ONLY TO BE RT 100%. ALL OTHER FW'S N/A.
- FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH PLAIN END TO FACILITATE INSTALLATION.
- FW'S PERTAINING TO THIS NOTE ARE TO BE MADE AFTER PIPE IS PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT DIM'S.
- USE CRANE 425A COMPOUND ON ALL THREADED CONN.
- WELD PROCEDURE AS FOLLOWS:

SIZE	QUAN.	FW
4	1	
3	59	4
1	1	2

4 1/2" UNDER = CS-6
3 3/4" OVER UP TO
3 3/4" WALL CS-10RCS-2
3 3/4" WALL & UP- CS-5

DESIGN SPEC.	SEE	TEST REQUIREMENTS	CODE	MATERIAL CLASS	STAMP
HANGER SEISMIC CLASS	DESIGN				
TEST REQUIREMENTS	CODE				
MATERIAL CLASS	STAMP				
PIPE	A-376	A-312			
STD.	XY	XXY	10	20	30
			40	60	80
			100	120	140
			160		
SMLS	WELD				

A-21	DESIGN SPEC. DCCPM 1029CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	QL-1
WELD PROCEDURE	SEE NOTE 5
QSL-01	TESTING N.A.
A-14	DESIGN SPEC. DCCPM 1029CS
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL-4
WELD PROCEDURE	SEE NOTE 5
QSL-04	TESTING SEE NOTE 1

N.P.S. DESIGNS.
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
01						
2	1	1"	3000# SW C.S. HALF CPLG.	A-181	Q2102 II	
3	1	1"	3000# THIRD C.S. CAP	A-181	Q2102 II	
4	AS REQD	1"	PIPE (SCH.80) SMLS C.S.	A-181	Q2102 II	

REV.	DATE	OR CHK	DESCRIPTION	REMARKS
1	12/11	SG, GN	RELEASED PIPING AT CPN. ADDED: FW1A; PC MK 1A; PO. #; DESIGN CODE STAMP; NOTES 2 & 3; TOTAL NO. OF FW. REVISED: WELD PROCEDURE, PER DWG 1-5489A	FIELD ACTION REQD FAB ACTION REQD
2	1/12	RIG 178 LGR	ADDED: ITEM'S 1 THRU 4 TO B.M. SECTION A-A 1" PC-MK-1-NSW-72L3 NOTE 4. DELETED WELD PROCEDURE TO SUIT A.E.P. ARRGT DWG 1-5489A-3	FIELD ACTION REQD
3	1/19/73	GR RIG	REVISED BY N.P.S. DESIGNS. ADDED: NOTE 5, DIM. 4'-2" 4'-5" 2'-0" 6'-334" 13" 5'-2 1/2" 6'-1" 5'-10 1/2" DIM. 4'-10 3/4" WAS 4'-9" 4'-11" WAS 4'-5" 4'-9 5/16" WAS 4'-3" 6" PER AS BUILT DIMS. A.E.P. DWG. NO. 1-5489A-4	NO ACTION REQ'D
4	3/7/77		AS PER RFC-DC-01-2007 REMOVED VA. AT SECTION A-A	

1-NSW-72 (Sheet 1 of 2)
Upper Containment Ventilation
Unit 1 Return Line

SITE FAB PIECE MARKS
PC-MK-1-NSW-72L3

PO.#	PIECE MARK
468	1-NSW-72-1
533	1A
468	2
	3

LABOR COST CONTROL	
USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G - X-RAY	
STRESS RELIEVE	
MISC. WORK	

LABOR COST CONTROL	
USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G - X-RAY	
STRESS RELIEVE	
MISC. WORK	

POUR/ZONE No. 1C6	FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE	Q.S.L. SEE DESIGN
FABRICATED BY TUBECO	WELD PROCEDURE CODE STAMP
REVISION RECORD	
NO.	DATE
DESCRIPTION	
LIVSEY & COMPANY, INC.	
DONALD C. COOK NUCLEAR PLANT	
OWN: LGR	DATE: 7-23-77
CKD: GN	DATE: 7-30-77
ISSUED	
REF. DWG. 1-5489A	1-NSW-72 SH 1 OF 2

D-59A