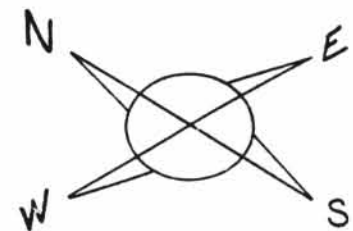
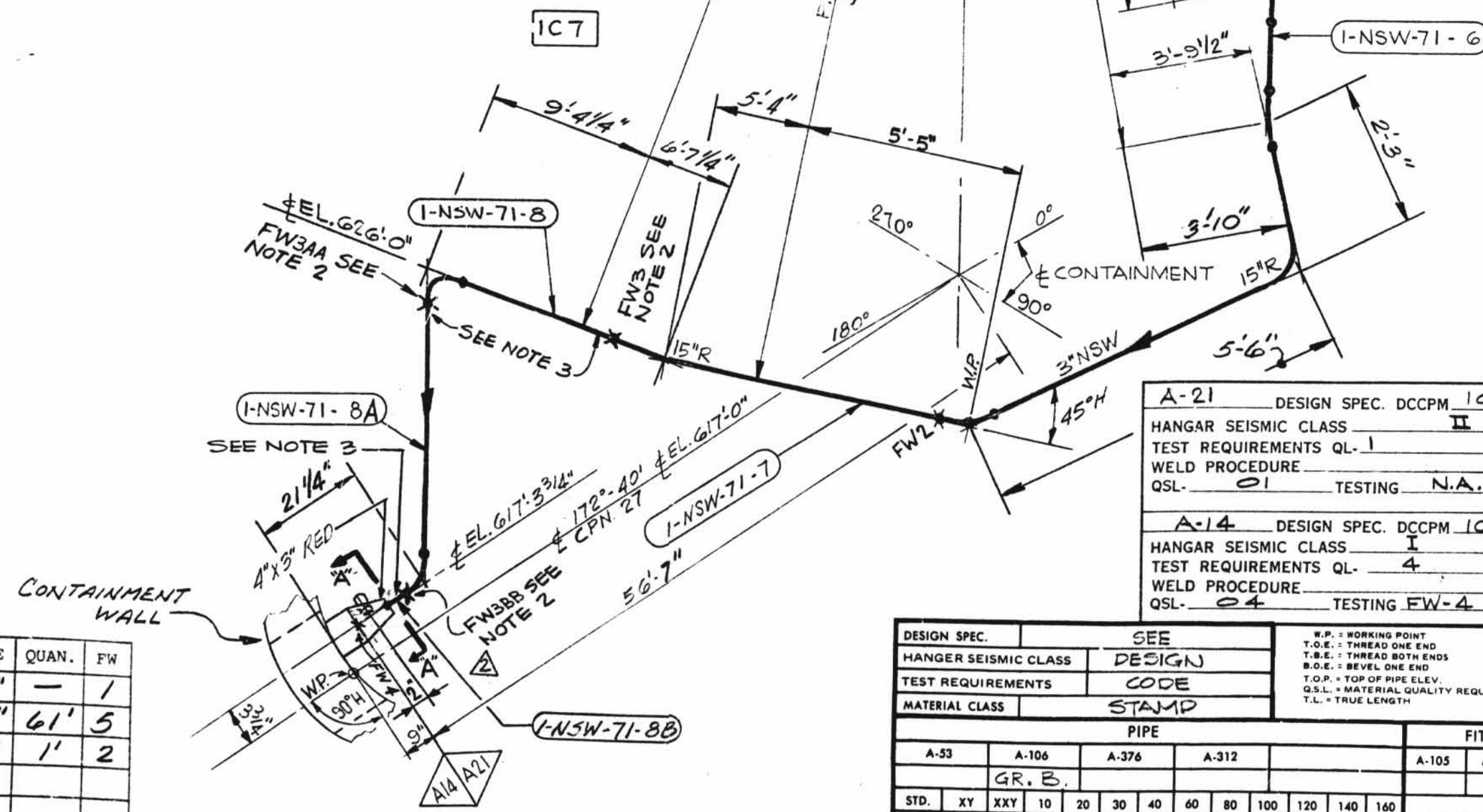
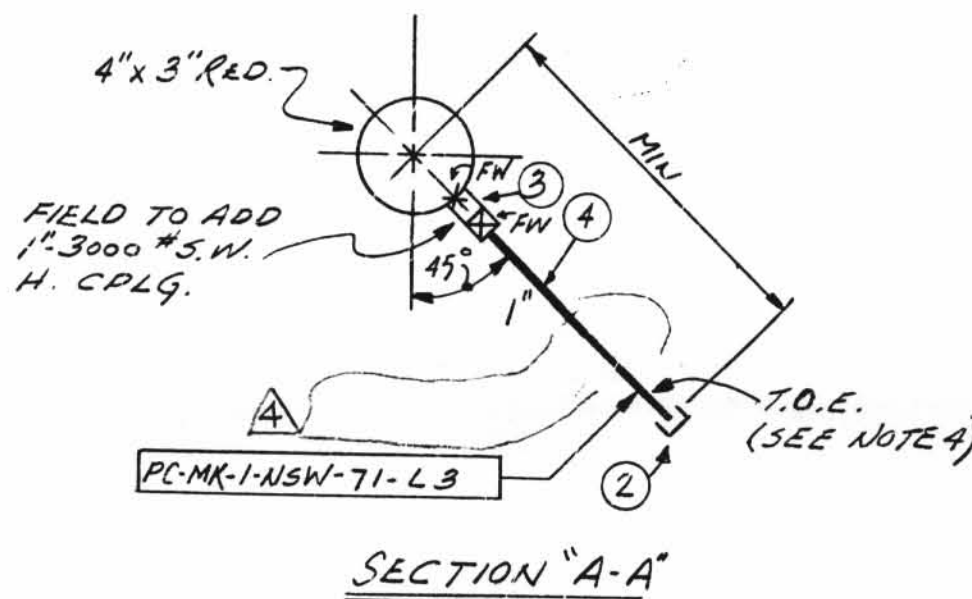


TOTAL  
FW



**NOTES:**

- 1.
2. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT. PREALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
3. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE, AND PLAIN END, TO FACILITATE INSTALLATION
4. USE CRANE 425A COMPOUND ON ALL THRD. CONNS.



A-21	DESIGN SPEC. DCCPM 102 QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	QL-1
WELD PROCEDURE	
QSL	01 TESTING N.A.
A-14	DESIGN SPEC. DCCPM 103 GEN
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL-4
WELD PROCEDURE	
QSL	04 TESTING FW-4 RT. 100%

P.O.#	PIECE MARK
458	1-NSW-71-6
	-7
533	-8
	-8A
	-8B

SITE FAB. PC. MK. NO'S  
1-NSW-71-L3 D-57B

**1-NSW-71 (Sheet 2 of 2)  
Upper Containment Ventilation  
Unit 2 Return Line**

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

OSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	2	1	1"	3000# THRD C.S. CAP	A-181 GR. B	4
	3	1	1"	3000# S.W. C.S. H. CPLG.	A-106 GR. B	
	4	AS	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	10/29/71	LGR GN	REVISED BY N.P.S. DESIGN. ADDED: DESIGN CODE STAMP; P.M.; NOTES 2 & 3. PIECE MARK B & B. FW3AA13BB, CS2 TO WELD PROCEDURE RELEASED PIPING AT CPN. DELETED: NOTE #1. REVISED: PIPING TO SUIT AEP COMMENTS ON 1-5489A REV (DELETED 172'-40.4", 12', 15'R. 55'-0" WAS 55'-1 1/2"). AS PER AEP ARRGT 1-5489A-0	FIELD ACTION REQ'D FABR ACTION REQ'D
2	1/2/73	RJG LGR	ADDED: SECTION "A-A", NOTES PC-MK-1-NSW-71-L3, ITEMS 1 THRU 4 IN B/P, 2" DIM. DELETED WELD PROCEDURE, P.O. # 533 WAS 458, PC. MK. NO. 1-NSW-71-BA WAS 1-NSW-71-B PER DWG. 1-5489A-3	FIELD ACTION REQ'D
3	10/19/73	GR RJG	REVISED BY N.P.S. DESIGNS. ADDED: DIMS. 3'-6" A-5", 2'-3" 3'-0" 3'-0", 5'-4" 6" 7'-4" 9'-4" 2'-4" 4'-8" 4" WAS 45" 3'-9 1/2" WAS 3'-9" 5'-7" WAS 5'-9" 5'-5 1/2" WAS 5'-0" 5'-1" WAS 5'-1 1/2" 4'-9" 2" WAS 4'-9 1/2" PER AS BUILT DIMS. A.E.P. DWG. NO. 1-5489A-4	NO ACTION REQ'D
4	7/4/77	WNC	AS PER EFC-DC-01-2007 REMOVED VA. FROM SECTION A-A	

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

SIZE	QUAN.	FW
4"	1	
3"	61	5
1"	1	2

DESIGN SPEC.	SEE	W.P. - WORKING POINT	B.B.E. - BEVEL BOTH ENDS	F.W. - FIELD WELD	B. - FIELD WELD
HANGER SEISMIC CLASS	DESIGN	T.O.E. - THREAD ONE END	P.O.E. - PLAIN ONE END	H - HORIZONTAL	O - AUTOMATIC SHOP WELD
TEST REQUIREMENTS	CODE	T.B.E. - THREAD BOTH ENDS	P.B.E. - PLAIN BOTH ENDS	V - VERTICAL	M - MANUAL SHOP WELD
MATERIAL CLASS	STAMP	B.O.E. - BEVEL ONE END	S.O.E. - SHAPE ONE END	S.W. - SHOP WELD	S - MANUAL SHOP WELD
		T.O.P. - TOP OF PIPE ELEV.	B.O.P. - BOTTOM OF PIPE ELEV.	F.W. - FIELD WELD	S - MANUAL SHOP WELD
		Q.S.L. - MATERIAL QUALITY REQUIREMENTS	T.L. - TRUE LENGTH		

POUR/ZONE No. 1CT		FLOW DIAGRAM 1-2-5114 A	
REQUIRED COMPLETION DATE		Q.S.L. SEE DESIGN	
FABRICATED BY TURECO		WELD PROCEDURE CODE STAMP	
REVISION RECORD			
NO.	DATE	DESCRIPTION	
LIVSEY & COMPANY, INC.			
DONALD C. COOK NUCLEAR PLANT			
DWN: LGR	DATE: 7-20-71	CONTAINMENT BLDG	
CKD: GN	DATE: 7-21-71	DWG. NO.	REV.
ISSUED		1-NSW-71	4
REF. DWG: 1-5489A		SH-2 OF 2	