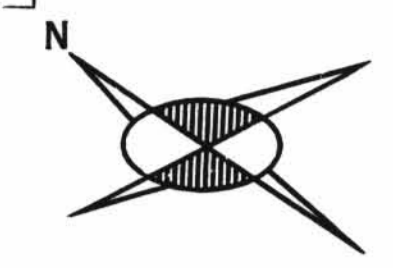


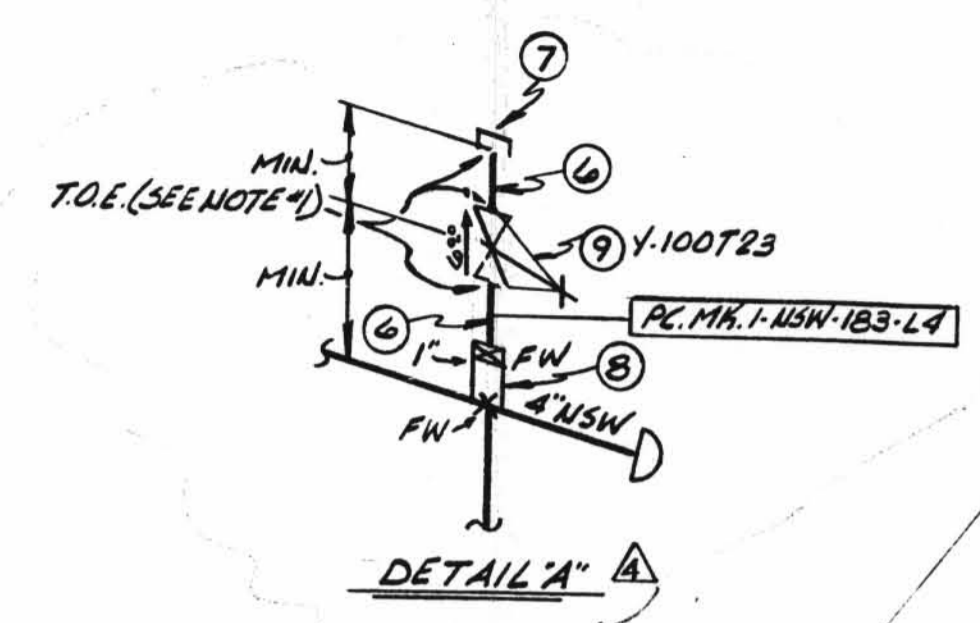
TOTAL
FW



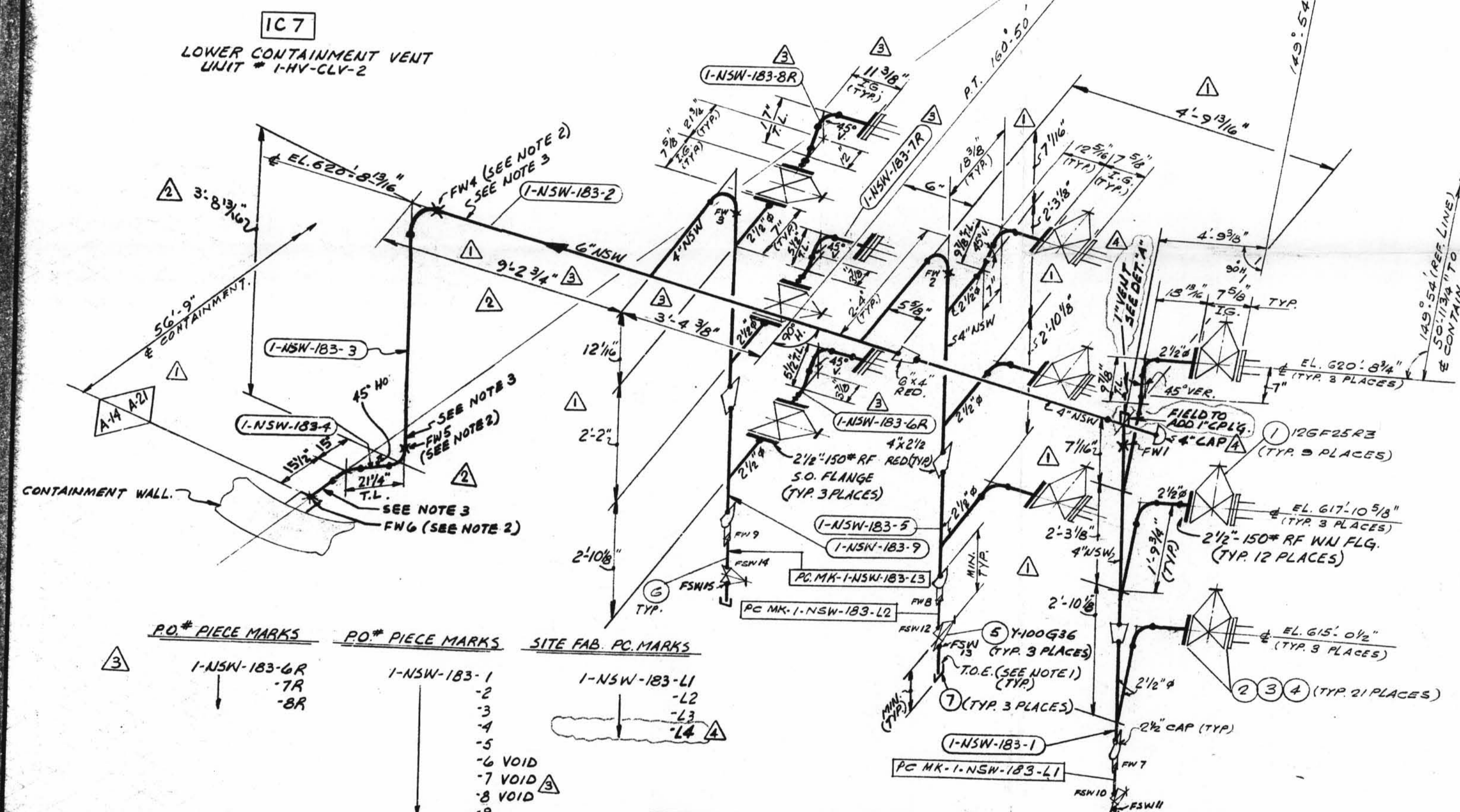
NOTES:
1. USE CRANE #25-A COMPOUND OR GRINNELL 169B ON ALL THREADED CONN'S.

2. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PRE-ALIGNED & 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.



1C7
LOWER CONTAINMENT VENT
UNIT # 1-HV-CLV-2



PO.#	PIECE MARKS	PO.#	PIECE MARKS	SITE FAB. PC. MARKS
1	1-NSW-183-6R	1	1-NSW-183-1	1-NSW-183-L1
2	-7R	2	-L2	-L2
3	-8R	3	-L3	-L3
		4	-L4	-L4
		5		
		6	VOID	
		7	VOID	
		8	VOID	
		9		

SIZE	QUAN.	FW
6	20	3
4	20	3
2 1/2	35	-
1	3	(5)

DESIGN SPEC. DCCPM 103QCN	DESIGN SPEC. SEE
HANGER SEISMIC CLASS I	HANGER SEISMIC CLASS DESIGN
TEST REQUIREMENTS QL-4	TEST REQUIREMENTS CODE
WELD PROCEDURE -	WELD PROCEDURE STAMP
QSL-01	TESTING 100% RT, BW
DESIGN SPEC. DCCPM 102QCS	DESIGN SPEC. SEE
HANGER SEISMIC CLASS I	HANGER SEISMIC CLASS DESIGN
TEST REQUIREMENTS QL-4	TEST REQUIREMENTS CODE
WELD PROCEDURE -	WELD PROCEDURE STAMP
QSL-01	TESTING N/A

DESIGN SPEC.		SEE		W.P. = WORKING POINT T.O.E. = THREAD ONE END T.B.E. = THREAD BOTH ENDS B.E. = BEVEL ONE END T.O.P. = TOP OF PIPE ELEV Q.S.L. = MATERIAL QUALITY REQUIREMENTS T.L. = TRUE LENGTH				B.E. = BEVEL BOTH ENDS P.E. = PLAIN ONE END P.B.E. = PLAIN BOTH ENDS S.O.E. = SHAPED ONE END S.O.P. = BOTTOM OF PIPE ELEV.				FW = FIELD WELD H = HORIZONTAL V = VERTICAL SW = SHOP WELD FW = FIELD SHOP WELD				B = FIELD WELD A = AUTOMATIC SHIELD M = MANUAL SHOP WELD V = VERIFY DIMENSION IN FIELD			
HANGER SEISMIC CLASS		DESIGN																	
TEST REQUIREMENTS		CODE																	
MATERIAL CLASS		STAMP																	
PIPE																			
A-33		A-106		A-376		A-312													
GR. B																			
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160							
SMLS		WLD																	
FITTINGS																			
A-105		A-234		A-182		N.D.T. SEE DESIGN CODE STAMP.													
						M.T. P.T. R.T. U.T.													
A-403		A-181		PRESSURE TEST															
				MED. PRESS. DURATION															

POUR/ZONE No. 1C7
REQUIRED COMPLETION DATE
FABRICATED BY TAYLOR

NPS DESIGNS INC.
NEW YORK, N.Y.

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

FLOW DIAGRAM 1-2-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP.

LIVSEY & COMPANY, INC.
INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

CONTAINMENT BLOC

DWG. NO. 1-NSW-183 4

REV. 1-5692

QSL	ITEM	QTY	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
01	1	9	2 1/2"	125# C.I. FLGD. GATE VA.	12GF25R2	
	2	21	2 1/2"	1/16" THK. FULL FACE COMP. ASBESTOS RUBBER BONDED GASKET		
	3	84	3/8"	3" LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	4	84	5/8"	HEAVY HEX. NUT CL. 2 TOL.	A-307 GR. B	
	5	3	1"	600# C.S. S.W. GATE VA.	Y100G3G	
	6	15	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	7	4	1"	3000# C.S. THD. CAP	A-181 GR. B	
	8	1	1"	3000# S.W. HALF CAP LG. L.S.	A-181 GR. B	
	9	1	1"	200# GLOBE VA. SCLR'D. BRASS	Y-100T23	

REV.	DATE	CHK.	DESCRIPTION	REMARKS
1	7/13/72	JQ LB	CHG'D FABRICATOR & ADDED VARIOUS DIMENSIONS AS NOTED. CHG'D LOC. OF FW 1.	FAB ACTION REQ'D
2	7/26/72	A.S. LB	REVISED CONFIGURATION OF PCS. 1-NSW-183-2, 3 & 4 PER AEP ARRGT DWG. 1-5692 REV 4	FAB ACTION REQ'D
3	9/21/72	J.R. LAS	DIMS 9'-2 3/4" x 3'-4 3/8" & 11 3/8" WERE 9'-2 3/4" x 3'-4 3/8" & 11 3/8" RESPECTIVELY. VOIDED PC MKS 1-NSW-183-6, 7 & 8. ADDED PC MKS 1-NSW-183-6R TRD BR. AEP ARRGT DWG. 1-5692 REV. 4	FIELD ACTION FAB REQ'D
4	3/5/73	J.R. I.F.	REVISED BY N.P.S. DESIGNER. ADDED 1" CPLG. TO PC MK 1-NSW-183-2. FW 1'S FIELD NOTE, SITE FAB. PC MK 1-NSW-183-L4, DET. A, ITEMS B & F. REV. NOTE #1. QTY. OF B/M ITEM 7 PER AEP ARRGT. DWG. 1-5692 REV 5	FIELD ACTION REQ'D

D-69

1-NSW-183
Lower Containment Ventilation
Unit 2 Return Line