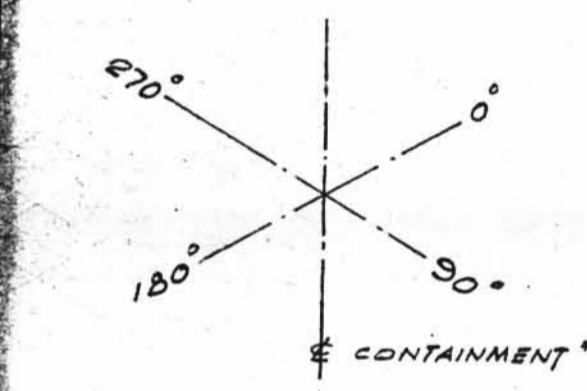
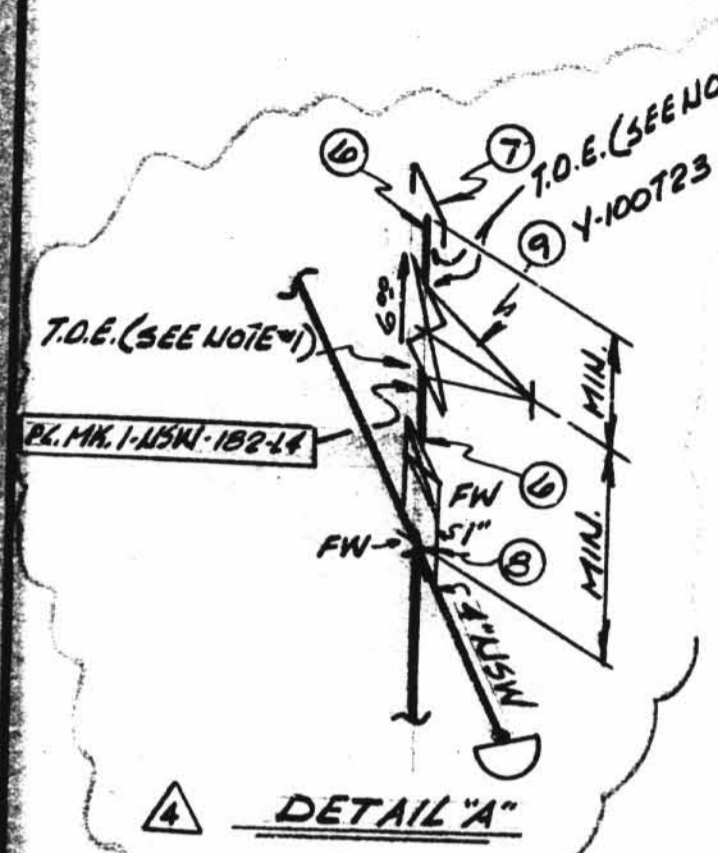
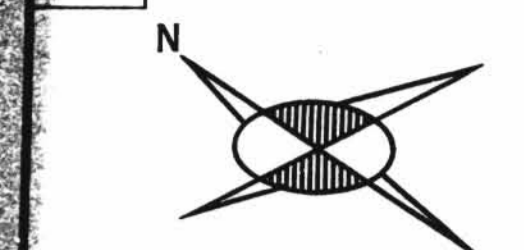
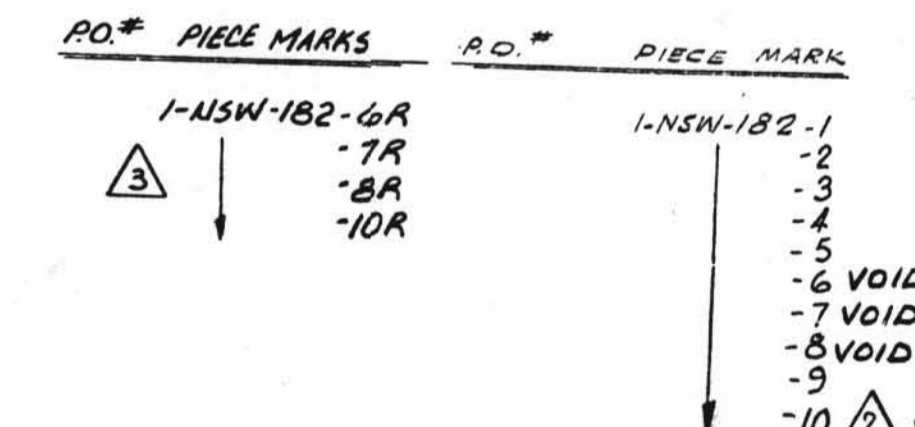
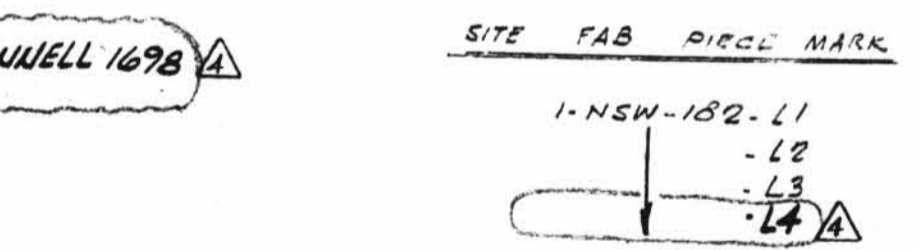


TOTAL  
FW



- 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.



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

DESIGN SPEC.	TEST REQUIREMENTS	WELD PROCEDURE	QSL	TESTING
A-14 DESIGN SPEC. DCCPH 1030CN	HANGAR SEISMIC CLASS 2	TEST REQUIREMENTS QL-1	WELD PROCEDURE -	TESTING 100% RT, AW
A-21 DESIGN SPEC. DCCPH 1020CS	HANGAR SEISMIC CLASS 2	TEST REQUIREMENTS QL-N/A	WELD PROCEDURE -	TESTING N/A

ISO SHT. NO. 2677

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	12GF25RZ	
	2	21	2"	1/4" THK. FULL FACE COMP ASBESTOS RUBBER BONDED GASKET		
	3	24	5/8"	5' LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	4	84	3/8"	HEAVY HEX. NUT CL. 2 TOL.		
	5	3	1"	600# C.S. S.W. GATE VA.	Y-100 G36	
	6	45	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	7	4	1"	3000# C.S. THD. CAP	A-181 GR. II	
	8	1	1"	3000# S.W. HALF CAP. C.S.	A-181 GR. II	
	9	1	1"	200# GLOBE VA. SCR'D. BRASS	Y-100T23	

REV.	DATE	BY	DESCRIPTION	REMARKS
1	7/13/72	JLQ	CHGD FABRICATOR & ADDED VARIOUS DIMENSIONS AS NOTED. CHGD LOG. OF FW 1	FAB ACTION REQD
2	7/26/72	CRM	REVISED CONFIGURATION OF PCs 1-NSW-182-2-3-6-4 AND REMOVED HOLDS ON SAME. ADDED PC. MK. 1-NSW-182-10. AEP ARRGT DWG. 1-5692 REV. 4.	FAB ACTION REQD
3	9/24/72	JLQ	DIMS 3'-4 3/8" & 11 3/8" WERE 3'-4 1/4" & 11 1/4" RESPECTIVELY VOIDED. PC'S 1-NSW-182-6, 7, 8 & 10 ADDED. PC'S 1-NSW-182-6R, 7R, 8R & 10R. AEP ARRGT DWG. 1-5692 REV. 4.	FIELD ACTION REQD
4	3/15/73	J.F.	REVISED BY N.P.S. DESIGNS. ADDED 1" FLG TO PC MK. 1-NSW-182-10R, FW'S FIELD NOTE, SITE FAB. PC MK. 1-NSW-182-10R, FW'S BIL. ITEM 7 WAS 3" PER AEP ARRGT DWG. 1-5692 REV 5.	FIELD ACTION REQD

D-68

1-NSW-182  
Lower Containment Ventilation  
Unit 1 Return Line

POUR/ZONE No. 1CG	FLOW DIAGRAM 1-2-519A
REQUIRED COMPLETION DATE	Q.S.L. SEE DESIGN
FABRICATED BY TAYLOR	WELD PROCEDURE 200E STAMP.
NPS DESIGNS INC. NEW YORK, N.Y.	LIVSEY & COMPANY, INC. INDIANA & MICHIGAN ELECTRIC CO. DONALD C. COOK NUCLEAR PLANT
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.	DOWN BY DATE 6/9/72 CKD BY DATE 6/29/72 ISSUED REF. DWG. 1-5692