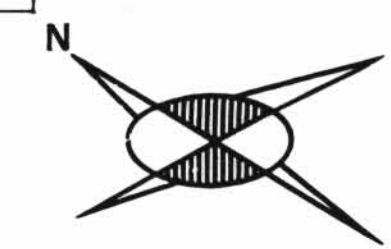
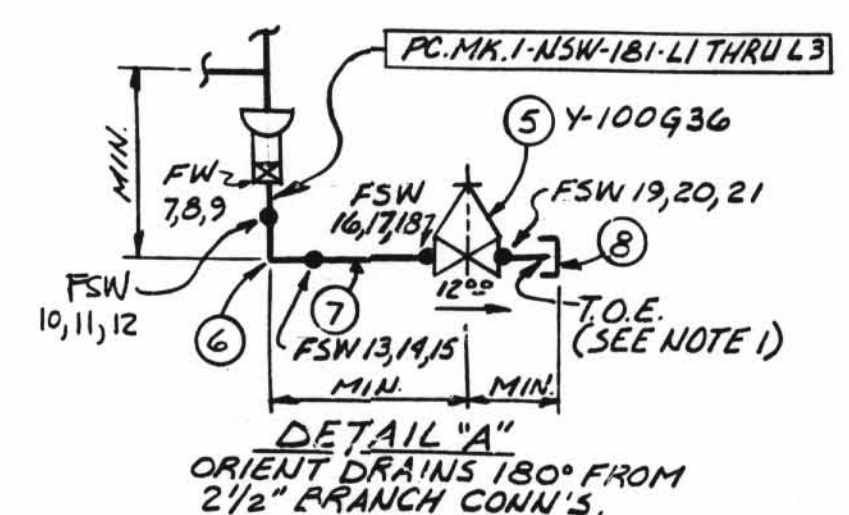
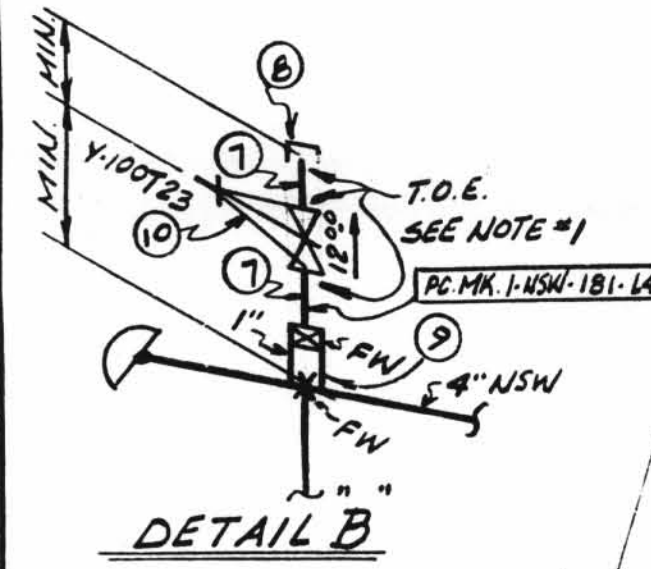
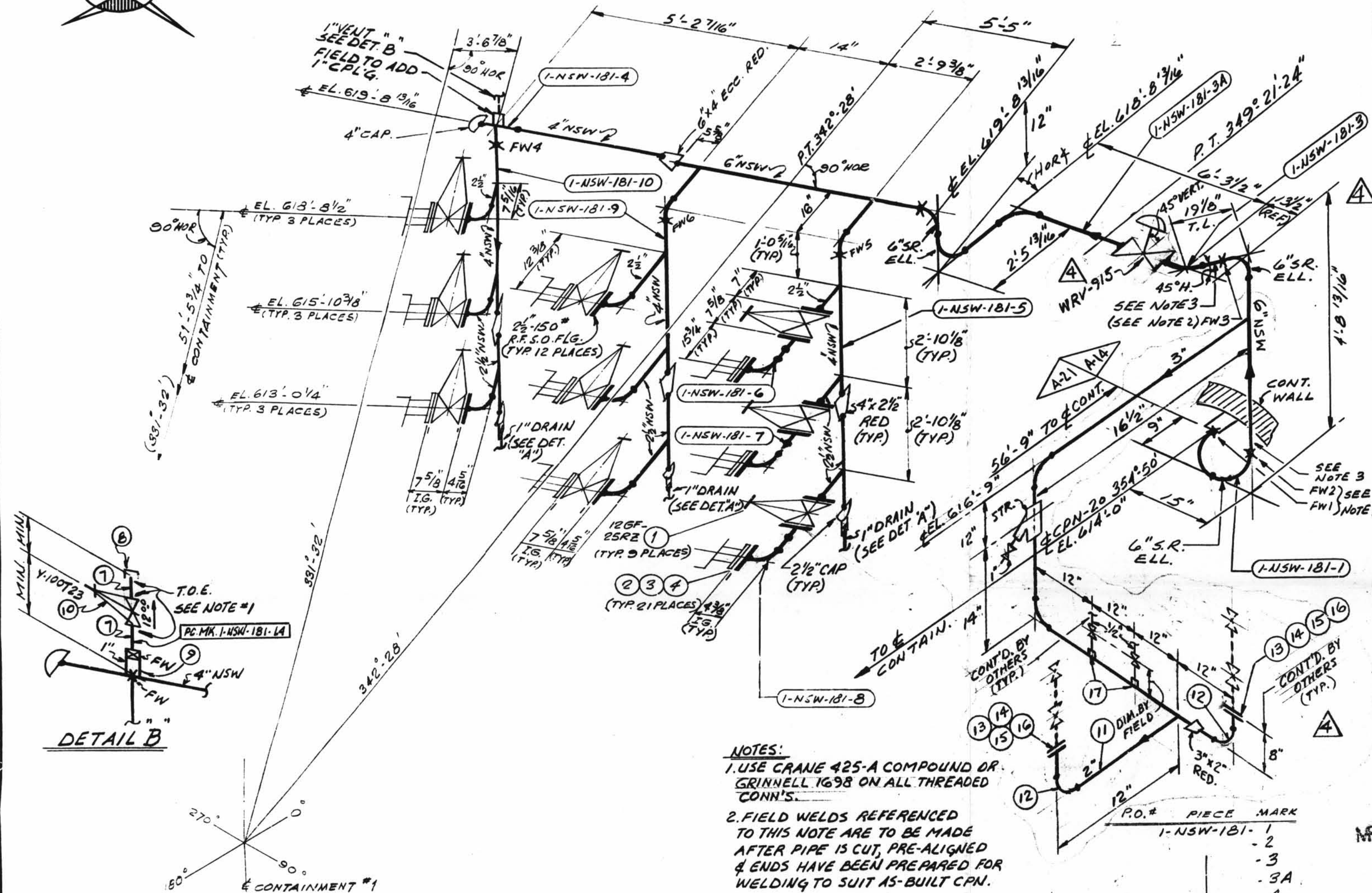


TOTAL FW



ICG
LOWER CONTAINMENT VENT
UNIT #1-HV-CLV-4



- NOTES:
1. USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THREADED CONNS.
 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.

SITE FAB PIECE MARK

1-NSW-181-1	1
-2	2
-3	3
-3A	3A
-4	4
-5	5
-6	6
-7	7
-8	8
-9	9
-10	10

ISO SHT. NO. 2676

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.	1EGF25R2	
	2	21	2 1/2"	1/8" 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.		
	5	3	1"	600# C.S. S.W. GATE VA.	Y-100G36.	
	6	3	1"	3000# C.S. S.W. 90° ELL.	A-181 GR. I OR II	
	7	AS REQD	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	8	4	1"	3000# C.S. THD. CAP	A-181 GR. I OR II	
	9	1	1"	3000# S.W. HALF CPLG. C.S.	A-181 GR. I OR II	
	10	1	1"	200# GLOBE VA. SCR'D BRASS	Y-100T23	
	11	AS REQD	2"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	12	2	2"	3000# C.S. S.W. 90° ELL	A-181 GR. A OR B	
	13	2	2"	150# C.S. S.W. R.F. FLANGE		
	14	8	5/8"	2 1/2" LG. MACHINE BOLTS	A-307 GR. B	
	15	8	5/8"	HEAVY HEX. NUTS		
	16	2	2"	1/4" THK. FULL FACE ASB. RUB. GASKET		
	17	2	1/2"	3000# S.W. HALF CPLG. C.S.	A-181 GR. I OR II	

REV. DATE	OR	DESCRIPTION	REMARKS
1	7/13/77 JLB	CHGD FABRICATOR & ADDED PC. MK 1-NSW-181-10 & VARIOUS DIMENSIONS AS NOTED	FAB ACTION REQ'D
2	7/12/77 JLB	REVISED CONFIGURATION OF PCS. 1-NSW-181-1, 2, & 3. ADDED PIECE 1-NSW-181-3A. AEP ARR. DWG. 1-5692-4	FAB ACTION REQ'D
3	3/1/78 J.F.	REVISED BY NPS DESIGNS. ADDED 1/4" CPLG. TO PC. MK. 1-NSW-181-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17. AEP ARR. DWG. 1-5692 REV. 5	FIELD ACTION REQ'D
4	7/1/78 JLB	PER RFD-DC-12-2231: REVISED PIPING & ADDED WRV-915 VALVE & PIPING TO DELUGE VALVES PER AS-BUILT INFO.	NO FIELD ACTION REQ'D.

D-67

1-NSW-181
Lower Containment Ventilation
Unit 4 Supply Line

6	25	5
4	20	3
2 1/2	25	-
1	6	5

DESIGN SPEC. DCCPM 1030CN	DESIGN SPEC. DCCPM 102RCS	DESIGN SPEC. DCCPM 102RCS
HANGER SEISMIC CLASS I	HANGER SEISMIC CLASS II	HANGER SEISMIC CLASS III
TEST REQUIREMENTS QL-4	TEST REQUIREMENTS QL-4	TEST REQUIREMENTS QL-4
WELD PROCEDURE -	WELD PROCEDURE -	WELD PROCEDURE -
QSL-01	QSL-01	QSL-01
TESTING 100% RT, BW	TESTING 100% RT, BW	TESTING 100% RT, BW
TESTING N/A	TESTING N/A	TESTING N/A

POUR/ZONE No. 106 FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE _____ Q.S.L. SEE DESIGN
FABRICATED BY TAYLOR WELD PROCEDURE CODE STAMP

NPS DESIGNS INC. NEW YORK, N.Y. LIVESY & COMPANY, INC. INDIANA & MICHIGAN ELECTRIC CO. DONALD C. COOK NUCLEAR PLANT

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

DWG. NO. 1-NSW-181
DATE 6/29/78
REV. 4