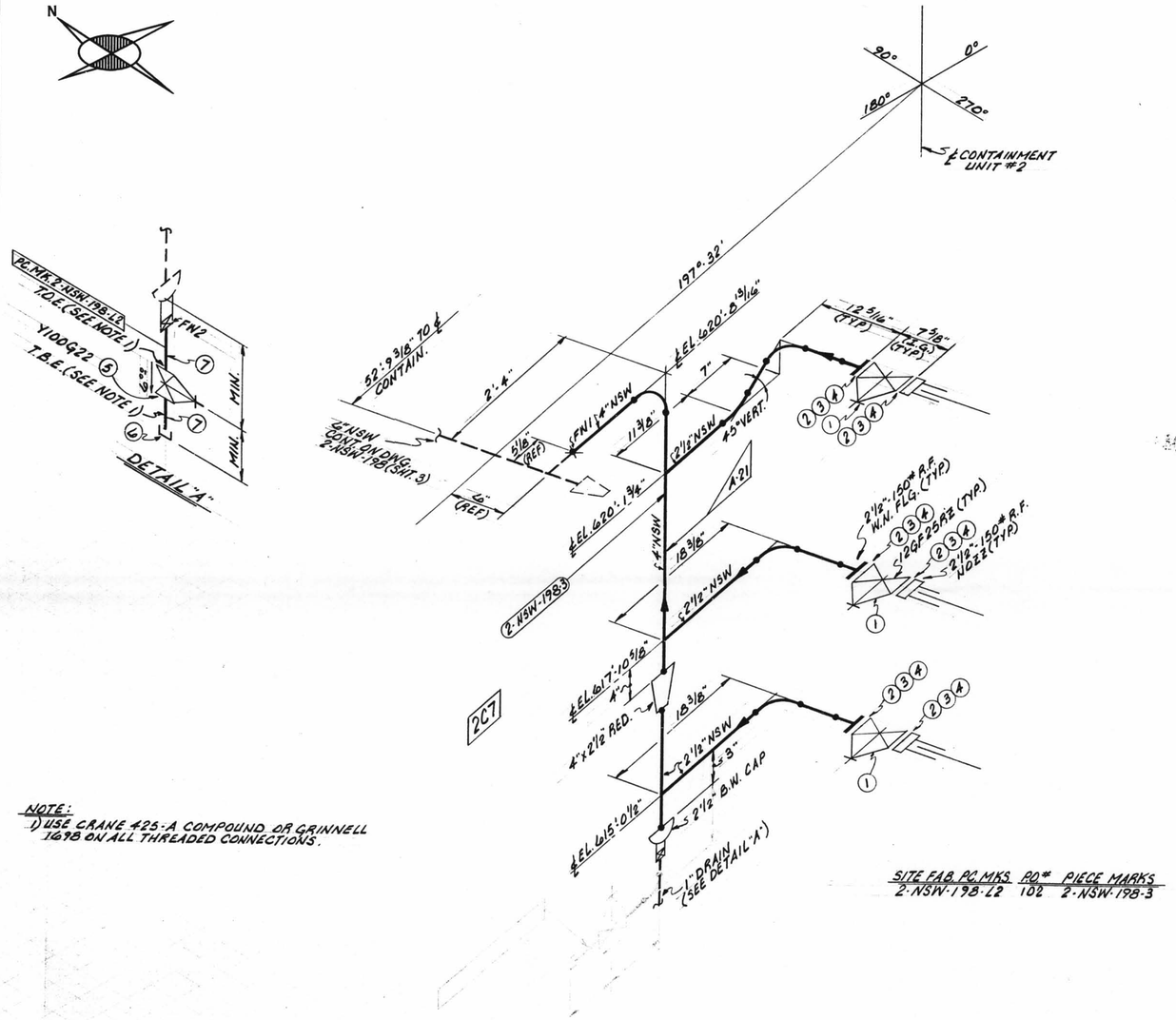
TOTAL FW 2



NOTE:
1) USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THREADED CONNECTIONS.

SITE FAB. PC. MKS	PO#	PIECE MARKS
2-NSW-198-L2	102	2-NSW-198-3

ISO SHT. NO. 3456

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	2 1/2"	125# CI FLG'D. GATE VA.	12GF25RZ	
	2	24	5/8"φ	3" LG. HEX. HD. MACH. BOLTS	A-307 GR. B	
	3	24	5/8"	HEAVY HEX NUTS (CL. 2 TOL.)	↓	
	4	6	2 1/2"	1/16" THK. 150# COMP. ASB. GASK.		
	5	1	1"	150# THD. GATE VA. BRONZE OR BRASS	Y100G22	
	6	1	1"	3000# C.S. THD. CAP	A-181 GR. I OR II	
	7	AS REQD	1"	PIPE (SCH. 80) SMLS, C.S.	A-106 GR. B	

REVISION RECORD

NO.	DATE	DESCRIPTION

D-14B

2-NSW-198 (Sheet 2 of 3)
Lower Containment Ventilation
Unit 3 Return Line

SIZE	QUAN.	FW
4"	5'	1
2 1/2"	11'	-
1"	1'	1

DESIGN SPEC.	DCCPM102QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

K.P. = WORKING POINT
T.O.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.O.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
Q.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH
B.B.E. = BEVEL BOTH ENDS
P.O.E. = PLAIN ONE END
P.B.E. = PLAIN BOTH ENDS
S.O.E. = SHAPE ONE END
B.O.P. = BOTTOM OF PIPE ELEV.
FW = FIELD WELD
H = HORIZONTAL
V = VERTICAL
SW = SHOP WELD
FSW = FIELD SHOP WELD
B = FIELD WELD
O = AUTOMATIC SHOP WELD
* = MANUAL SHOP WELD
# = VERIFY DIMENSION IN FIELD

PIPE												
A-53		A-106		A-376		A-312						
		GR. B										
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160
						X						
SMLS	WLDD											
X												

FITTINGS		
A-105	A-234	A-182
A-403	A-181	

TESTING				
N.D.T.	N/A			
M.T.	P.T.	R.T.	U.T.	
PRESSURE TEST				
MED.	PRESS.	DURATION		

ADDITIONAL

POUR/ZONE No. 2C7
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114A
Q.S.L. 01
WELD PROCEDURE

NPS DESIGNS INC.
NEW YORK, N.Y.

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

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

DWN: J.A.	DATE: 6/7/73	CONTAINMENT #2	
CKD: [illegible]	DATE: 6-29-73	DWG. NO. 2-NSW-198 SHT. 2 of 3	REV.
ISSUED			
REF. DWG. 2-5692			