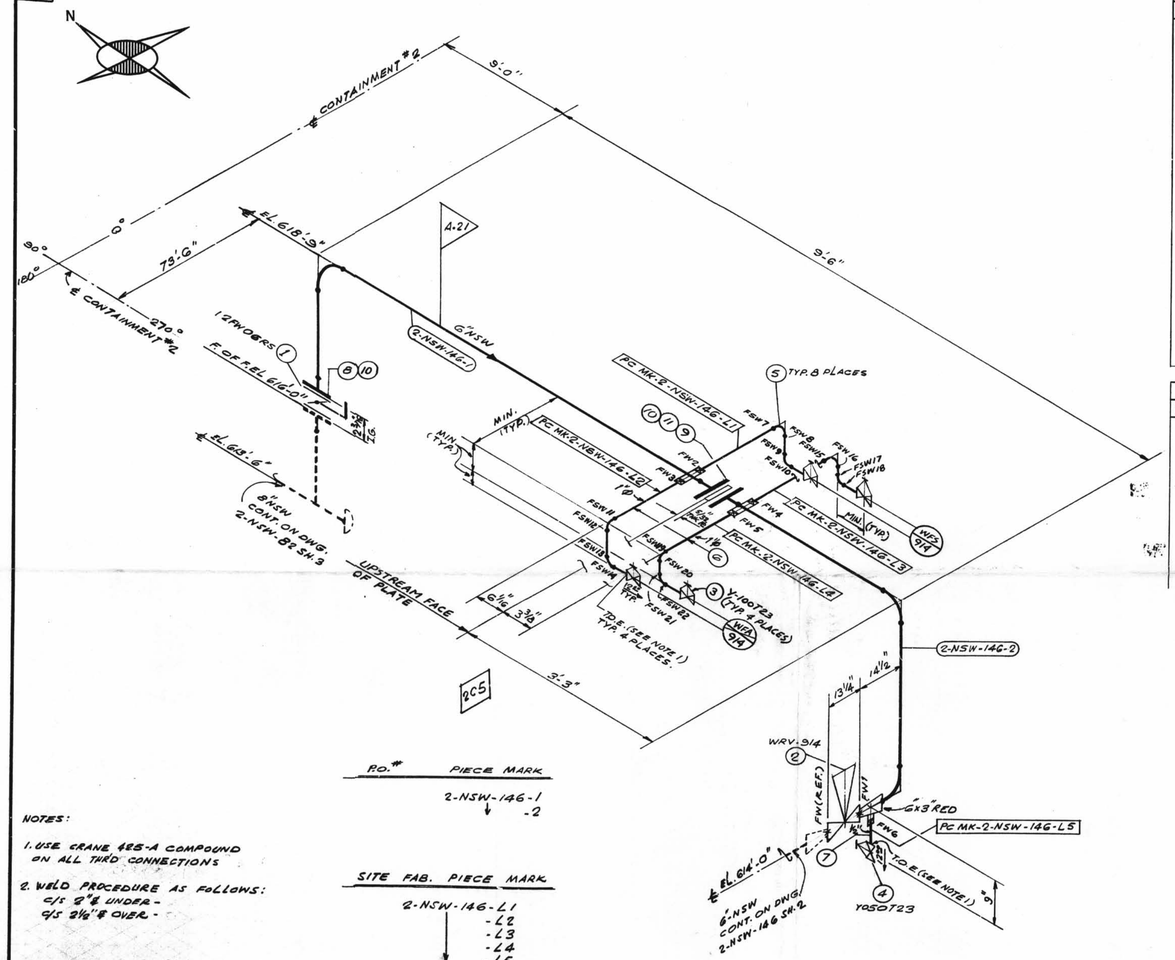
TOTAL FW 22



RD.#	PIECE MARK
	2-NSW-146-1
	-2

SITE FAB. PIECE MARK
2-NSW-146-L1
-L2
-L3
-L4
-L5

NOTES:

1. USE CRANE 485-A COMPOUND ON ALL THIRD CONNECTIONS
2. WELD PROCEDURE AS FOLLOWS:
   C/S 2"ø UNDER -
   C/S 2½"ø OVER -

SIZE	QUAN.	FW
6	17	0
3	—	1
1	4	20
½	1	1

ISO SHT. NO. 2128

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	6"	125# C.I. WAFER BUTTERFLY VA.	12FW06RS	
	2	1	3"	S.W. REGULATING VA.	WRV-9/4	
	3	4	1"	200# SCR'D GLOBE VA BRONZE OR BRASS	Y100T23	
	4	1	½"	200# SCR'D GLOBE VA	Y050T23	
	5	8	1"	3000# S.W. C.S. 90° ELL	A-181 GR. I OR II	
	6	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	7	AS REQ'D	½"	PIPE (SCH. 80) SMLS. C.S.	↓	
	8	8	⅜"ø	5½" LG. HEX. HD. MACH. BOLT	A-307 GR. A	
	9	2	6"	1/16" THK. COMP. ASBESTOS GASKET		
	10	16	¾"ø	HEAVY HEX NUT CL. 2 TOL.	A-307 GR. B	
	11	8	¾"ø	3½" LG. HEX. HD. MACH. BOLT	↓	

REVISION RECORD		
NO.	DATE	DESCRIPTION

D-35A

DESIGN SPEC.	OCCPM 1020 CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

B.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.
M.Q.R. = 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. = SOCKET ONE END
B.O.P. = BOTTOM OF PIPE ELEV.

FW = FIELD WELD
H = HORIZONTAL
V = VERTICAL
SW = SHOP WELD
FSW = FIELD SHOP WELD

⊙ = FIELD WELD
A = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
* = VERIFY DIMENSION IN FIELD

PIPE																FITTINGS				TESTING					ADDITIONAL
A-53		A-106 GR. B		A-376		A-312										A-105	A-234	A-182		N.D.T. N/A.					
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160				A-403	A-181			M.T.	P.T.	R.T.	U.T.		
SMLS	WLDD																			PRESSURE TEST					
																				MED.	PRESS.	DURATION			

POUR/ZONE No. 2C5
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114A
O.S.L. 01
WELD PROCEDURE SEE NOTE 2

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. SG.	DATE 1-12-78	CONTAIN. VICINITY	
CKD. LdB	DATE 2/3/78	DWG. NO. 2-NSW-146 SH 1 OF 2	REV.
ISSUED			
REF. DWG. 2-5497A			

2NSW-146 (sheet 1 of 2)
Lower Containment Ventilation
Unit 4 Supply Line