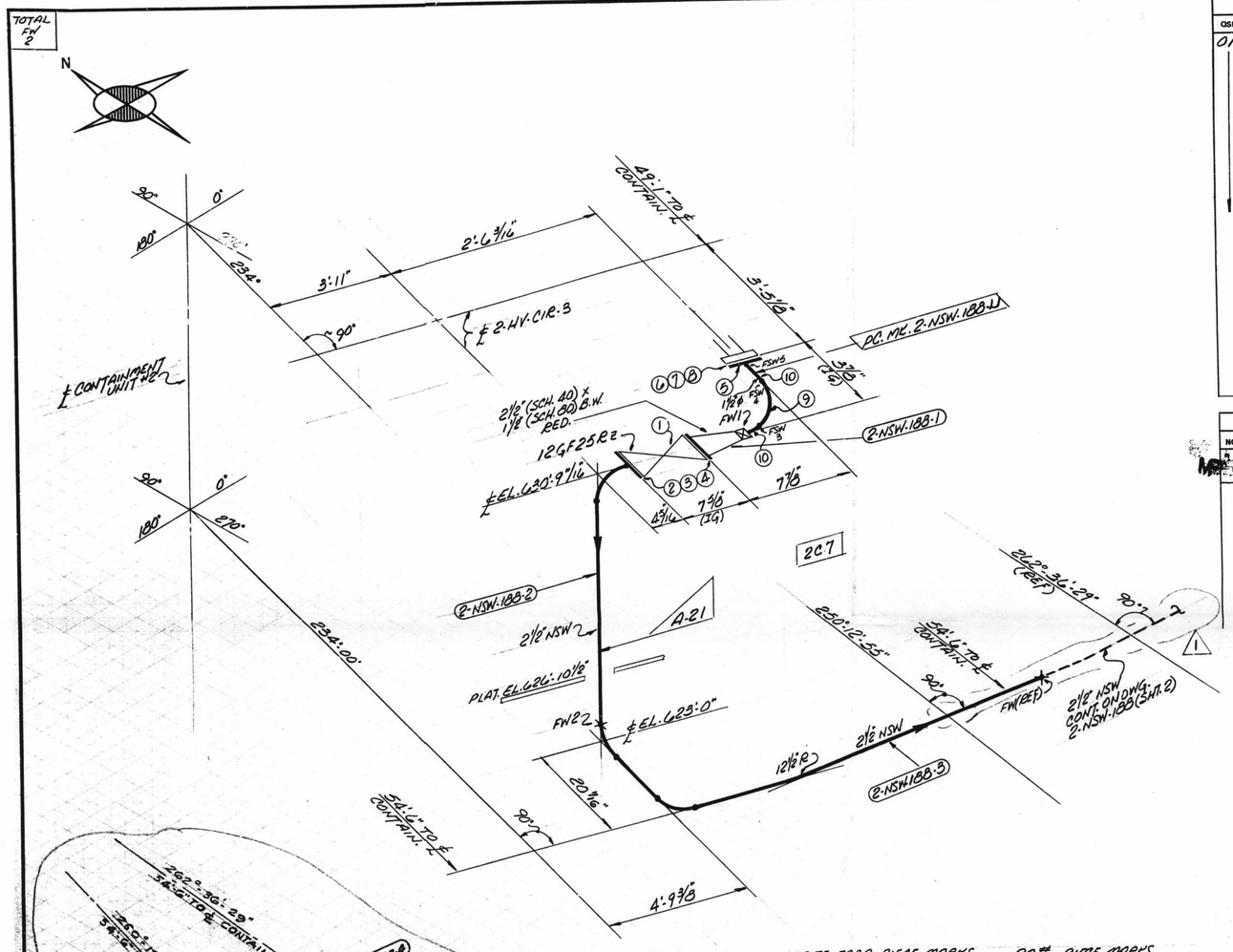
ISO SHT. NO. 2265

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	2½"	125# C.I. FLG'D. GATE VALVE	12GF25R2	
	2	2	2½"	1/16" THK. COMP. ASB. GASKET		
	3	8	⅞"ø	3" LG. HEX HD. MACH. BOLT	A-307 GR.B	
	4	8	⅞"	HEAVY HEX NUTS (CL.2 TOL.)	?	
	5	1	1½"	150# R.F. S.W. FLANGE	A-181 GR.I OR II	
	6	4	⅞"ø	2½" LG. HEX HD. MACH. BOLT	A-307 GR.B	
	7	4	⅞"	HEAVY HEX NUTS (CL2 TOL)	?	
	8	1	1½"	1/16" THK. COMP. ASB. GASKET		
	9	1	1½"	3000# S.W. C.S. 90° ELL.	A-181 GR.I OR II	
	10	23 (2600)	1½"	PIPE (SCH.80) SMLS. C.S.	A-106 GR.B	

REVISION RECORD

NO.	DATE		DESCRIPTION
1	1/31/78	HM	PER RDM MC-0532 ADDED AS BUILT DIM'S. AND REVISED PIPING. DOTTED LINE INDICATES AS BUILT.



SIZE	QUAN.	FW
2½	23	1
1½	1	1

SITE FABR. PIECE MARKS: 2-NSW-188-L1

RD. ## PIECE MARKS: 2-NSW-188-1, 2, 3

D-39A

2-NSW-188 (Sheet 1 of 2)
Instrument Room Ventilation
Unit 3 Return Line

DESIGN SPEC.	DCCPM 102 QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

S.P. = SPRINKLE POINT
T.O.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.O.E. = BEVEL ONE END
P.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. = SNAPE 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
O = AUTOMATIC SHOP WELD
⊙ = MANUAL SHOP WELD
⊗ = VERIFY DIMENSION IN FIELD

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

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 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. MM	DATE 3/7/78	CONTAINMENT #2	
CKD. RJG	DATE 9/6/72	DWG. NO. 2-NSW-188 SHT. 1 OF 2	REV. 1
ISSUED			
REF. DWG. 2-5702			