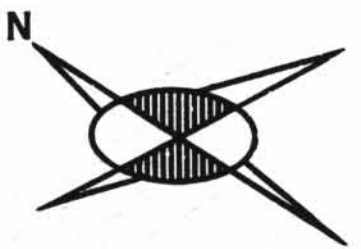


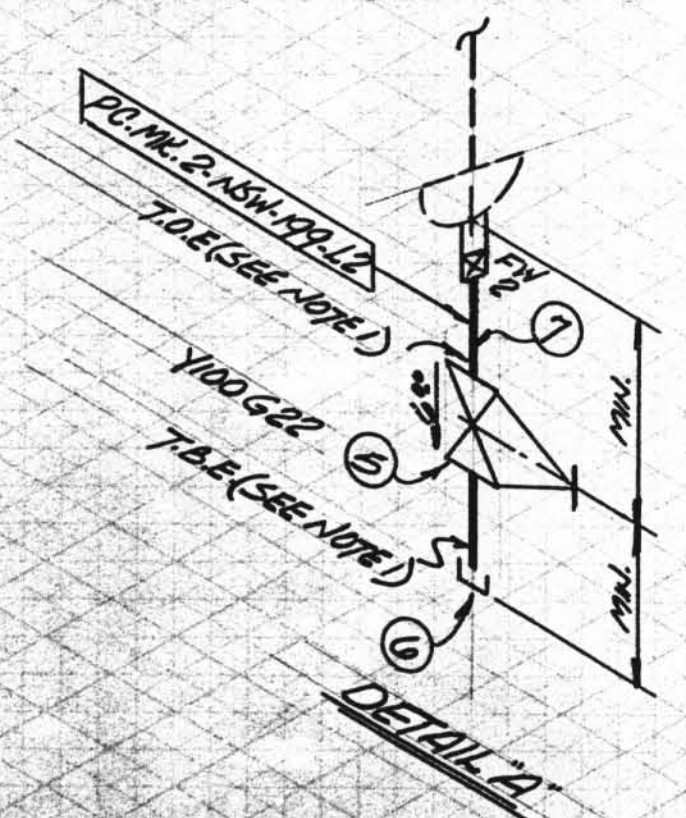
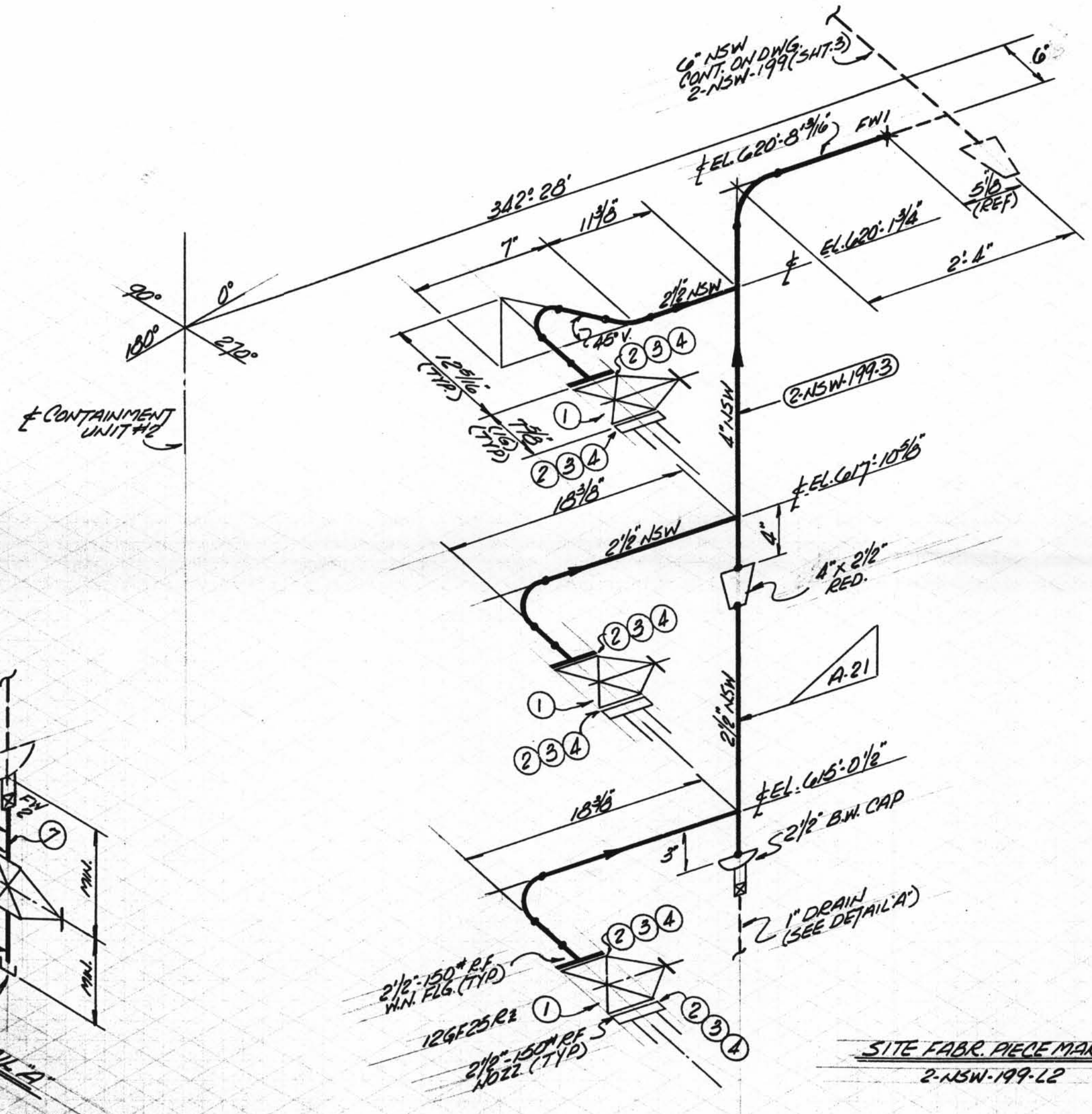
TOTAL FN 2



ISO SHT. NO. 3459

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	2 1/2"	125# C.I. FLG'D. GATE VA.	12GF25R2	
	2	24	3/16"	HEX HD. MACH. BOLTS	A-307 G.R.B.	
	3	24	7/8"	HEAVY HEX NUTS (CL2. TOL)		
	4	6	2 1/2"	1/16 THK. 150# COMP. ASD. GASLET		
	5	1	1"	150# THD. GATE VA. BEARING BEARS	Y100G22	
	6	1	1"	3000# C.S. THD. CAP	GR. 408 II	
	7	1	1"	PIPE (SCH. 80) SMLS. C.S.	A-106 G.R.B.	

REVISION RECORD		
NO.	DATE	DESCRIPTION



NOTE
 USE CRANE AS-A COMPOUND OR GRINNELL 1098 ON ALL THREADED CONNECTIONS.

SITE FABR. PIECE MARKS RD.# PIECE MARKS
 2-NSW-199-L2 74 2-NSW-199-3

D-15B
 2-NSW-199 (Sheet 2 of 3)
 Lower Containment Ventilation
 Unit 4 Return Line

SIZE	QTY.	FN
2 1/2"	11	1
1"	1	1

DESIGN SPEC. DCCAM102 QCS	S.P. = BORING POINT	B.S.E. = BEVEL BOTH ENDS	FW = FIELD WELD	• = FIELD WELD	
HANGER SEISMIC CLASS II	T.S.E. = THREAD ONE END	P.S.E. = PLAIN ONE END	U = HORIZONTAL	• = AUTOMATIC SHOP WELD	
TEST REQUIREMENTS N/A	B.S.E. = BEVEL BOTH ENDS	P.B.E. = PLAIN BOTH ENDS	V = VERTICAL	• = MANUAL SHOP WELD	
MATERIAL CLASS A-21 SPEC. 104	T.O.P. = TOP OF PIPE ELEV.	S.O.E. = SHAPE ONE END	SW = SHOP WELD	• = VERIFY DIMENSIONS IN FIELD	
	B.S.L. = MATERIAL QUALITY REQUIREMENTS	B.O.P. = BOTTOM OF PIPE ELEV.	FW = FIELD SHOP WELD		
	T.L. = TRUE LENGTH				
PIPE	FITTINGS		TESTING		ADDITIONAL
A-53 A-106 A-376 A-312	A-105 A-234 A-182	M.D.T. N/A	M.T. P.T. R.T. U.T.		
STD. XY XXY 10 20 30 40 60 80 100 120 140 160	A-403 A-181	PRESSURE TEST			
SMLS WELD		MED. PRESS. DURATION			

POUR/ZONE No. 206	FLOW DIAGRAM 1-P-511A
REQUIRED COMPLETION DATE	Q.S.I. 01
FABRICATED BY TUBECO	WELD PROCEDURE
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.	DWN: AM DATE: 8-25-73 (CONTAINMENT #2) CKD: WP DATE: 9-1-73 DWG. NO. ISSUED 2-NSW-199 REF. DWG. 2-5692 (SHT. 2 OF 3)