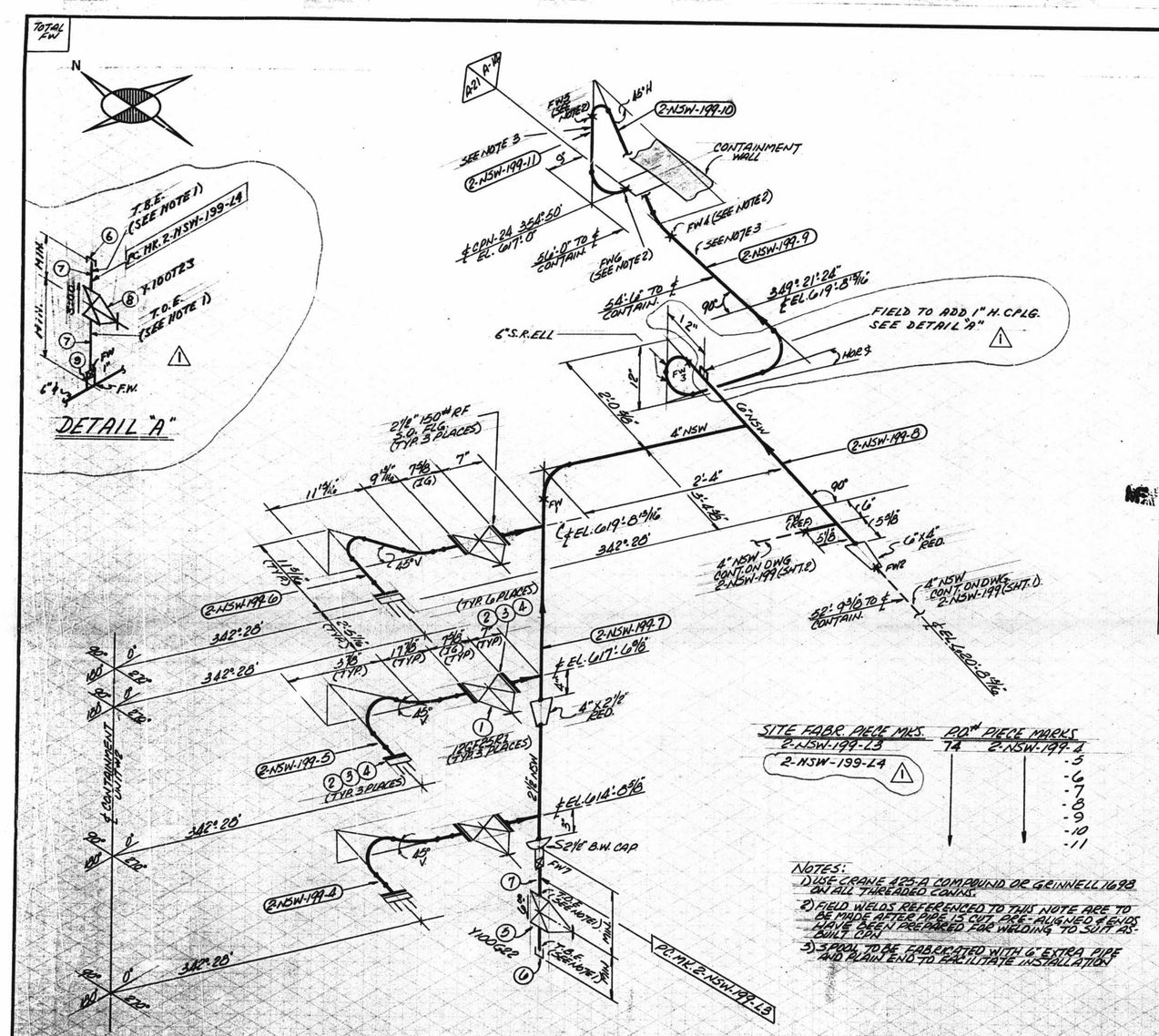

SITE FABR. PIECE MKS.	PO# PIECE MARKS
2-NSW-199-L3	2-NSW-199-4
2-NSW-199-L4	-5
	-6
	-7
	-8
	-9
	-10
	-11

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 CONDITION.
3) SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.

D-15C

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

ISO SHT. NO. 3460

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	2½"	125# C.I. FLG'D. GATE VA.	AFGE25R2	
	2	36	5/8"	3" LG. HEX HD. MACH BOLTS	A307GR.B	
	3	36	5/8"	HEAVY HEX NUTS (CL. 2 TOL)		
	4	9	2½"	1/16" THK 150# COMP. ASB. GASKET		
	5	1	1"	150# THD. GATE VA. BODY & TRIM BRASS	Y100622	
	6	2	1"	3000# C.S. THD. CAP	A-105 GR. I OR II	
	7	AS REQ'D	1"	PIPE (SCH. 80) SMLS. C.S.	A-106GRB	
	8	1	1"	200# THD. BRASS OR BRONZE GLOBE VALVE	Y-100723	
	9	1	1"	3000# C/S S.W.H. CPLG.	A-181 GR. I OR II	

REVISION RECORD

NO.	DATE	DWN/CKD	DESCRIPTION	REMARKS
1	3/3/94	J.C. / T.T.	ADDED 12" DIM. DETAIL "A"; 1" S.W.H. CPLG., ITEMS 8 & 9 IN B.M., PC. MK. 2-NSW-199-L4. QTY. IN ITEM 6 WAS 1. PER ARRGT. DWG. 2-5692 REV. 3.	FIELD ACTION REQ.

SIZE	COUL.	FW
6	12	2
4	4	2
1½	11	—
1	2	3

A-14 DESIGN SPEC. DCCPN 103 QCN
HANGAR SEISMIC CLASS I
TEST REQUIREMENTS QL QL 4
WELD PROCEDURE
QSL 04 TESTING 100% RT & W

A-21 DESIGN SPEC. DCCPN 102 QCS
HANGAR SEISMIC CLASS II
TEST REQUIREMENTS QL N/A
WELD PROCEDURE
QSL 01 TESTING N/A

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP

PIPE: * A-53, A-106 GR. B, A-376, A-312; STD., XY, XXY, 10, 40, 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. SEE DESIGN CODE STAMP; M.T., P.T., R.T., U.T.; PRESSURE TEST: MED., PRESS., DURATION

ADDITIONAL

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; G.S.L. = MATERIAL QUALITY REQUIREMENTS; T.L. = TRUE LENGTH; B.B.E. = BEVEL BOTH ENDS; P.O.S. = PLAIN ONE END; P.B.S. = PLAIN BOTH ENDS; S.O.E. = SHARP ONE END; B.O.P. = BOTTOM OF PIPE ELEV.; FW = FIELD WELD; W = VERTICAL; H = HORIZONTAL; SW = SHOP WELD; FSW = FIELD SHOP WELD; ■ = FIELD WELD; ● = AUTOMATIC SHOP WELD; ● = MANUAL SHOP WELD; ● = VERIFY DIMENSION IN FIELD

POUR/ZONE No. 2C6
REQUIRED COMPLETION DATE
FABRICATED BY TUARCO
FLOW DIAGRAM L2-2112A
Q.S.L. SEE DES.
WELD PROCEDURE CODE STAMP

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. MA DATE 6-28-93 CONTAINMENT #2
CKD. WP DATE 6-1-93
ISSUED
REF. DWG. 2-5692
DWG. NO. 2-NSW-199 (SHT. 3 OF 3)
REV. 1