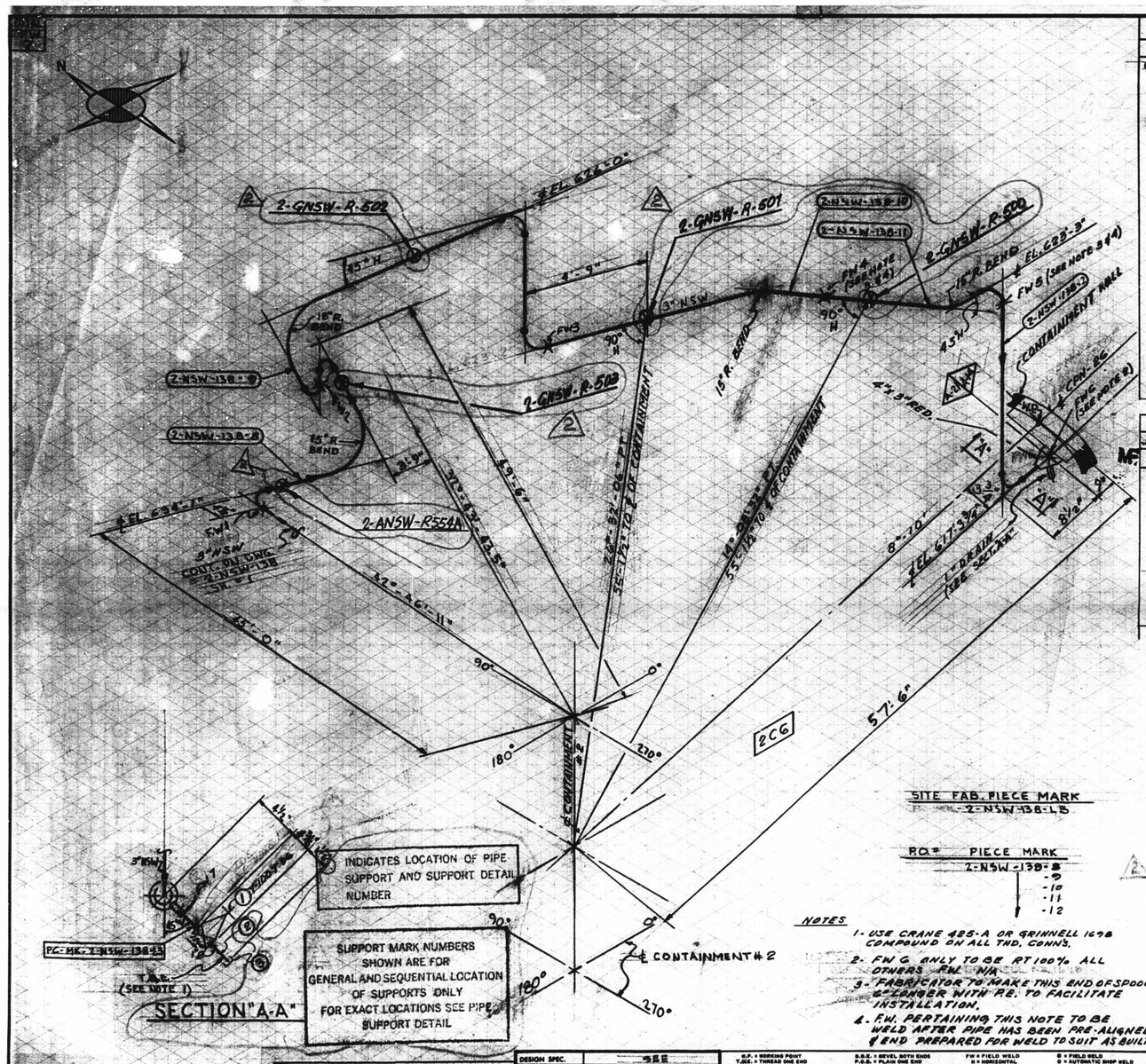
ISO SHT. NO. 3 of 6

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	1	1"	6000# RSS SWE GLOBE VA.	Y-100786	
	2	45 APPROX	1"	SCH. 80 PIPE SMLS CS	A-106 GR B	
	3	1	1"	3000# THRD C.S. CAP	A-181 A-105 SA-234 B	
	4	1	1"	PIPE (FIELD MEASURE)	A-106 GR B	

NO.	DATE	DWN / CHKD	DESCRIPTION	RECORD
1	1/29/79	MJC	PER RDH-MC-0162 VA Y-100786 WAS Y-100622	
2	12/12/89	EDD / ADM / LB	TO REFLECT AS-FOUND CONDITION FOR RFC-DC-12-3010 PER PWR-753. REV. 1: REVISED: SECT. "A-A" & B/M TO SUIT. ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. 150. #2-GNSW-138 SH. #2. PER RFC-DC-02-2908 THIS DRAWING ISSUE IS FOR AS-BUILT INFORMATION ONLY. ADDED: NEW HGR. SUPPORT MARK NO.	NO FIELD ACTION REQ'D



SITE FAB. PIECE MARK
PC-MK-2-NSW-138-LB

P.O.#	PIECE MARK
	2-NSW-138-8
	-9
	-10
	-11
	-12

NOTES

1. USE CRANE 425-A OR GRINNELL 1698 COMPOUND ON ALL THD. CONNS.
2. FW G ONLY TO BE RT 100% ALL OTHERS FW N/A
3. FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH RE. TO FACILITATE INSTALLATION.
4. F.W. PERTAINING THIS NOTE TO BE WELD AFTER PIPE HAS BEEN PRE-ALIGNED & END PREPARED FOR WELD TO SUIT AS BUILT CPN

SUPPORT MARK NOS.
2-GNSW-R-500
2-GNSW-R-501
2-GNSW-R-502
2-GNSW-R-503
2-ANSW-R554A

D-45B

2-NSW-138 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 1 Return Line

SIZE	QUAN.	FW
4"	—	1
3"	60"	5
1"	1'-5"	1

A-21 DESIGN SPEC. DCCPM 102.0.6.3
HANGAR SEISMIC CLASS T
TEST REQUIREMENTS QL 1
WELD PROCEDURE
QSL. D1 TESTING N/A

A-14 DESIGN SPEC. DCCPM 102.0.6.4
HANGAR SEISMIC CLASS I
TEST REQUIREMENTS QL 4
WELD PROCEDURE
QSL. D4 TESTING SEE NOTE 2

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

B.P. = BORING POINT
T.SE. = THREAD ONE END
T.D.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.S.E. = BEVEL BOTH ENDS
P.S.E. = PLAIN ONE END
P.D.E. = PLAIN BOTH ENDS
S.O.E. = SHAPE ONE END
S.O.P. = BOTTOM OF PIPE ELEV.

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

S = FIELD WELD
S = AUTOMATIC SHOP WELD
S = MANUAL SHOP WELD
S = 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													

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

POUR/ZONE No. 2CG
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO

FLOW DIAGRAM 1-2-5114A
Q.S.L. SEE DESIGN CODE STAMP
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. A.J.C.	DATE 7/15/85	CONTAINMENT BLDG.	
CKD. C.D.	DATE 4/26/85	DWG. NO. 2-NSW-138 SH. # 2 OF 2	REV. 2
ISSUED			
REF. DWG. 2-5489A			