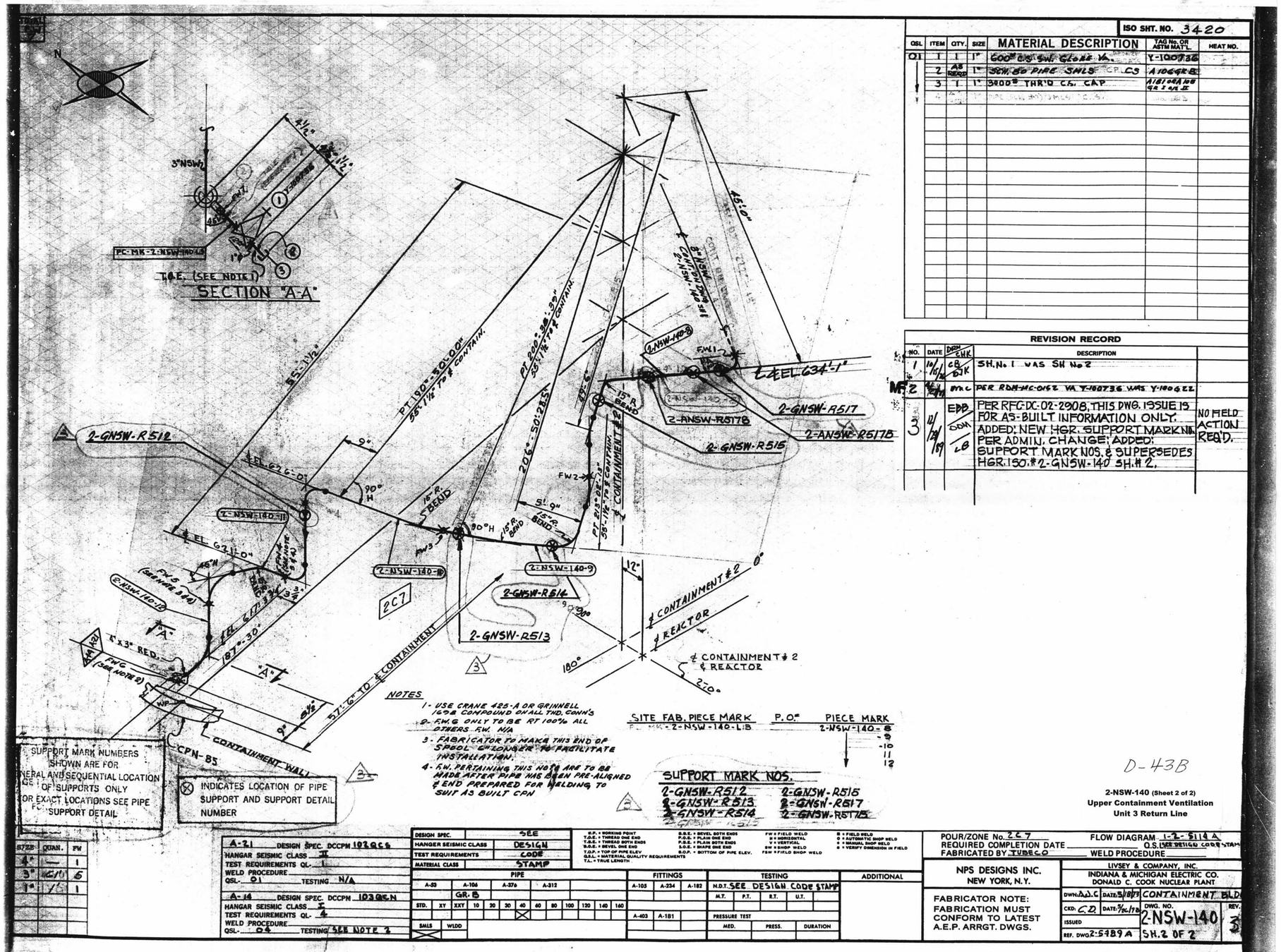

NOTES

1- USE CRANE 425-A OR GRINNELL 102B COMPOUND ON ALL THD. CONN'S
2- F.W.G. ONLY TO BE RT 100% ALL OTHERS F.W. N/A
3- FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER TO FACILITATE INSTALLATION.
4- F.W. PERTAINING THIS NOTE ARE TO BE MADE AFTER PIPE HAS BEEN PRE-ALIGNED & END PREPARED FOR WELDING, TO SUIT AS BUILT CPN

SITE FAB. PIECE MARK	P.O.#	PIECE MARK
F. MK - 2-NSW-140-11B		2-NSW-140-8
		-9
		-10
		11
		12

SUPPORT MARK NOS.

2-GNSW-R512	2-GNSW-R515
2-GNSW-R513	2-GNSW-R517
2-GNSW-R514	2-GNSW-R517B

ISO SHT. NO. 3420

OSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
Q1	1	1	1"	600# C.S. SW. GLOBE VA.	Y-100736	
	2	AS REQ'D	1"	SCH. 80 PIPE SMLS. CP. CS	A 106 GR B	
	3	1	1" 3000# THR'D C.S. CAP		A 181 OR A 105 GR 1 OR II	

REVISION RECORD

NO.	DATE	DSGN CHK	DESCRIPTION	
1	10/16/74	CB BJK	SH. No. 1 WAS SH No 2	
MF 2	4/11/79	MHC	PER RDH-MC-0162 VA Y-100736 WAS Y-100422	
3	11/19/79	EDD DDM LB	PER RFC DC-02-2908, THIS DWG. ISSUE IS FOR AS-BUILT INFORMATION ONLY. ADDED: NEW HGR. SUPPORT MARK NO. PER ADMIN. CHANGE. ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. 150 # 2-GNSW-140 SH. # 2.	NO FIELD ACTION REQ'D.

SIZE	QUAN.	FW
4"	—	1
3"	6/1	6
1"	1/1	1

A-21 DESIGN SPEC. DCCPM 102 QC 5
HANGER SEISMIC CLASS II
TEST REQUIREMENTS QL- 1
WELD PROCEDURE
QSL- 01 TESTING N/A

A-14 DESIGN SPEC. DCCPM 102 QC 5N
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL- 4
WELD PROCEDURE
QSL- 04 TESTING SEE NOTE 2

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

B.P. = BORING POINT
T.O.E. = THREAD ONE END
T.O.S. = 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
P.O.E. = PLAIN ONE END
P.O.S. = PLAIN BOTH ENDS
S.O.E. = SHAPE ONE END
B.O.P. = BOTTOM OF PIPE ELEV.
FW = FIELD WELD
H = HORIZONTAL
V = VERTICAL
SW = SHOP WELD
FSW = FIELD SHOP WELD
B = BUTTING
B = BUTTING TIC SHOP WELD
B = BUTTING SHOP WELD
B = 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. SEE DESIGN CODE STAMP				
STD.	XS	XXS	10	20	30	40	60	80	100	120	140	160					M.T.	P.T.	R.T.	U.T.	
SMLS		WLDD												A-403	A-181		PRESSURE TEST				
																	MED.		PRESS.		DURATION

POUR/ZONE No. 2C7
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO
FLOW DIAGRAM 1-2-5114 A
Q.S. USE 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. AJC	DATE: 5/18/73	CONTAINMENT BLDG.	
CKD. CR	DATE: 5/24/73	DWG. NO. 2-NSW-140	REV. 3
ISSUED		SH. 2 OF 2	
REF. DWG. 2-5189 A			

D-43B

2-NSW-140 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 3 Return Line