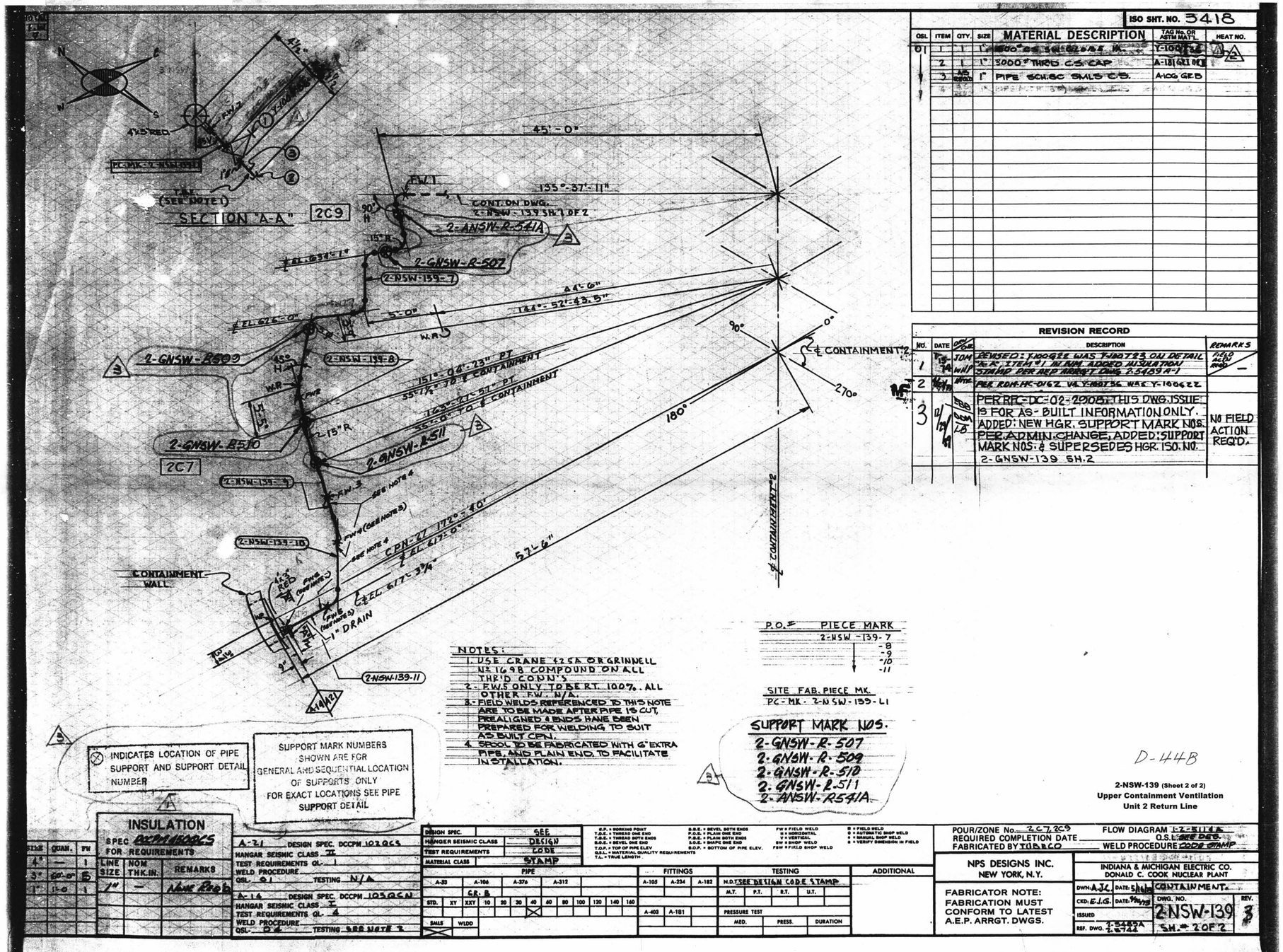

ISO SHT. NO. 3418

QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT NO.
01	1	1	1"	3000# SW SOCKOLET	Y-100622	4
	2	1	1"	3000# THRD CS CAP	A-181 GR I CL	
	3	AS REQ'D	1"	PIPE SCH 80 SMLS C.S.	A-106 GR B	

REVISION RECORD

NO.	DATE	ORIG. OR CODE	DESCRIPTION	REMARKS
1	7/8/74	JDM WHP	REVISED: Y-100622 WAS Y-180725 ON DETAIL "A" ITEM #1 IN BM. ADDED ISOMETRIC STAMP PER AEP ARRGT. DWG. 2-5489A-1	FIELD ACTION REQ'D —
2	10/1/74	WHP	PER RDH-MC-0162 V4 Y-180736 WAS Y-100622	
3	12/12/74	RBB SCM JB	PER RFC-DC-02-2908: THIS DWG. ISSUE IS FOR AS-BUILT INFORMATION ONLY. ADDED: NEW HGR. SUPPORT MARK NOS. PER ADMIN. CHANGE, ADDED: SUPPORT MARK NOS. & SUPERSEDES HGR. ISO. NO. 2-GNSW-139 SH. 2	NO FIELD ACTION REQ'D.

NOTES:
1. USE CRANE 425A OR GRINNELL No. 1698 COMPOUND ON ALL THRD CONN'S.
2. FWS ONLY TO BE RT. 100%. ALL OTHER FW. N/A.
3. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PREALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
4. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE, AND PLAIN END, TO FACILITATE INSTALLATION.

P.O.'s	PIECE MARK
	2-NSW-139-7
	-8
	-9
	-10
	-11

SITE FAB. PIECE MK.
PC-MK-2-NSW-139-L1

SUPPORT MARK NOS.
2-GNSW-R-507
2-GNSW-R-509
2-GNSW-R-510
2-GNSW-R-511
2-ANSW-R541A

⊗ INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL AND SEQUENTIAL LOCATION OF SUPPORTS ONLY FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

D-44B

2-NSW-139 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 2 Return Line

SIZE	QUAN.	FW
4"	—	1
3"	60'-0"	5
1"	1'-0	1

INSULATION
SPEC ACM-1600CS FOR REQUIREMENTS

LINE SIZE	NOM THK. IN.	REMARKS
1"	—	None Req'd

A-21 DESIGN SPEC. DCCPM 102 QCS
HANGER SEISMIC CLASS II
TEST REQUIREMENTS QL- 1
WELD PROCEDURE
QSL- Q1 TESTING N/A

A-14 DESIGN SPEC. DCCPM 105 QCN
HANGER SEISMIC CLASS II
TEST REQUIREMENTS QL- 4
WELD PROCEDURE
QSL- Q4 TESTING SEE NOTE 2

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

P.O.P. = POINT OF PIPE ELEV. | T.O.P. = TOP OF PIPE ELEV. | B.O.P. = BOTTOM OF PIPE ELEV. | T.L. = TRUE LENGTH
B.B.E. = BEVEL BOTH ENDS | P.O.E. = PLAIN ONE END | P.B.E. = PLAIN BOTH ENDS | B.O.E. = BEVEL ONE END | S.O.E. = SNAPOL ONE END
FW = FIELD WELD | H = HORIZONTAL | V = VERTICAL | SW = SHOP WELD | FSW = FIELD SHOP WELD
F = FIELD WELD | A = AUTOMATIC SHOP WELD | M = MANUAL SHOP WELD | ⊕ = 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		A-403	A-181		M.T.	P.T.	R.T.	U.T.	
SMLS		WLDD															PRESSURE TEST				
																	MED.	PRESS.	DURATION		

FABRICATOR NOTE:
FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

POUR/ZONE No. 2C7, 2C9 | FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE — | O.S.I. ARE DEC.
FABRICATED BY TUBECO | WELD PROCEDURE CODE STAMP

NPS DESIGNS INC.
NEW YORK, N.Y.

INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

DWN. A.J.C. DATE 5/14/74 | CONTAINMENT
CKD. E.J.G. DATE 5/14/74 | DWG. NO. 2-NSW-139 | REV. 3
ISSUED | SH. # 2 OF 2
REF. DWG. 2-5489A 2-5742