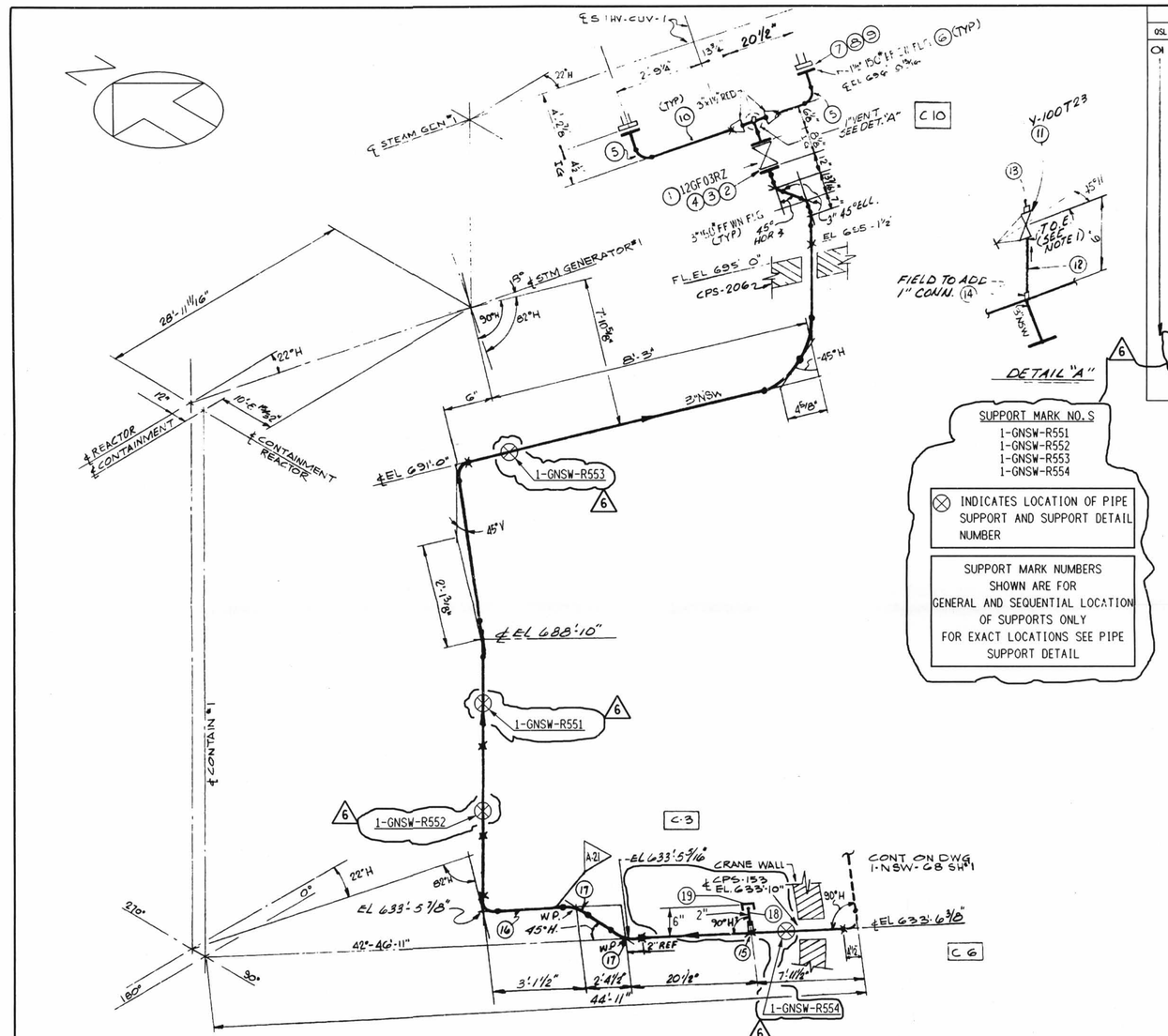

MATERIAL						
QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MATL.	
Q1	1	1	3"	125# C I FLG'D GATE VA	12GF03RZ	
	2	2	3"	1/16 THK 150# FF GASK COMP ASBESTOS RUBBER BONDED		
	3	8	5/8 ø	x 3" LG HEX. HD. MACH BOLT	A307 GR B	
	4	8	5/8	HEAVY HEX HD NUT CLASS 2 TOL	A307 GR B	
		2	1 1/2"	3000 C S SW 90° ELL	A105 OR A105 GR I OR II	
	6	2	1 1/2	150# RF SW FLG	↓	
	7	2	1 1/2	1/16 THK 150# FF GASK COMP ASBESTOS RUBBER BONDED		
	8	8	1/2 ø	x 2 3/4 LG HEX HD MACH BOLT	A307 GR B	
	9	8	1/2	HEAVY HEX HD NUT CLASS 2 TOL	↓	
	10	AS REQ'D	1 1/2	SMLS C S PIPE SCH 80	A106 GR B	
	11	1	1"	200# THR'D GLOBE VA OR BRASS BRONZE	Y-100T23	
	12	AS REQ'D	1"	SMLS C.S. PIPE SCH 80	A 106 GR B	
	13	1	1"	3000# C.S. THD. PLUG	A-181 GR I OR II	
	14	1	1"	3000# SW HALF COUPLING	A 181 GR I OR II	
	15	1	2"	3000# SW HALF COUPLING	A-181 GR I OR II	
	16	AS REQ'D	3"	SMLS C.S. PIPE SCH. 40	A-106 GR B	
	17	2	3"	45° ELL C.S. SCH. 40	A-234 GR WPB OR WPB	
	18	AS REQ'D	2"	C.S. PIPE (SCH. 80) SMLS	A-106 GR. B	
	19	1	2"	3000# CAP C.S. S.W.E.	SA-105 OR SA-181 CLASS 60 OR 70	

SUPPORT MARK NO.S
1-GNSW-R551
1-GNSW-R552
1-GNSW-R553
1-GNSW-R554

⊗ 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

NOTE:
1 USE CRANE 425-A COMPOUND OR GRINWELL 1698 ON ALL THREADED CONNECTIONS

1-NSW-68 (Sheet 2 of 2)
Upper Containment Ventilation
Unit 1 Supply Line

REV.	DATE	DESCRIPTION	FIELD STATUS
6	11/25/97	THIS DRAWING HAS BEEN CONVERTED FROM A MANUAL FORMAT TO THE IGS-SCANNED DRAWING FORMAT AND SUPERSEDES ALL PREVIOUS REVISIONS. ADDED: 2" CAP, SUPPORT MARK NUMBERS, ITEMS 18 AND 19 TO B/M AND SUPERSEDE HGR. ISO. 1-GNSW-68 SH. 2 REV. 0. DELETED: NOTE 2, PER 12-DCP-0860. WS/DDM/PCM	FIELD ACTION REQ'D

POUR/ZONE No. 1C3, 1C7, 1C10 FLOW DIAGRAM 1-5114A
O.S.L. 01

FOR SIGNATURE RECORD SEE MICROFILM COPY OF ISO. 1-NSW-68 SH.2 REV.5

DWN:	DATE:	CONTAINMENT
CKD:	DATE:	DWG. No.
SQ. LDR:	DATE:	1-NSW-68
REF. DWG. 1-5489A, 1-5740		SH. 2 REV. 6

AMERICAN ELECTRIC POWER

AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

MATERIAL SPEC.	DCCPM1020CS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A
MATERIAL CLASS	A-21 SPEC. 104

W.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.
O.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH
B.B.E. = BEVEL BOTH ENDS
P.O.E. = PLAIN ONE END
P.B.E. = 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
● = FIELD WELD
O = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
■ = VERIFY DIMENSION IN FIELD

PIPE														
SA-53		SA-106 GR. B		SA-376		SA-312								
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160		
SMLS.		WLDD.				☒		☒						

FITTINGS		
SA-105	SA-234	SA-182
SA-403	SA-181	

INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK
NUCLEAR PLANT
BRIDGMAN MICHIGAN

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D-55B