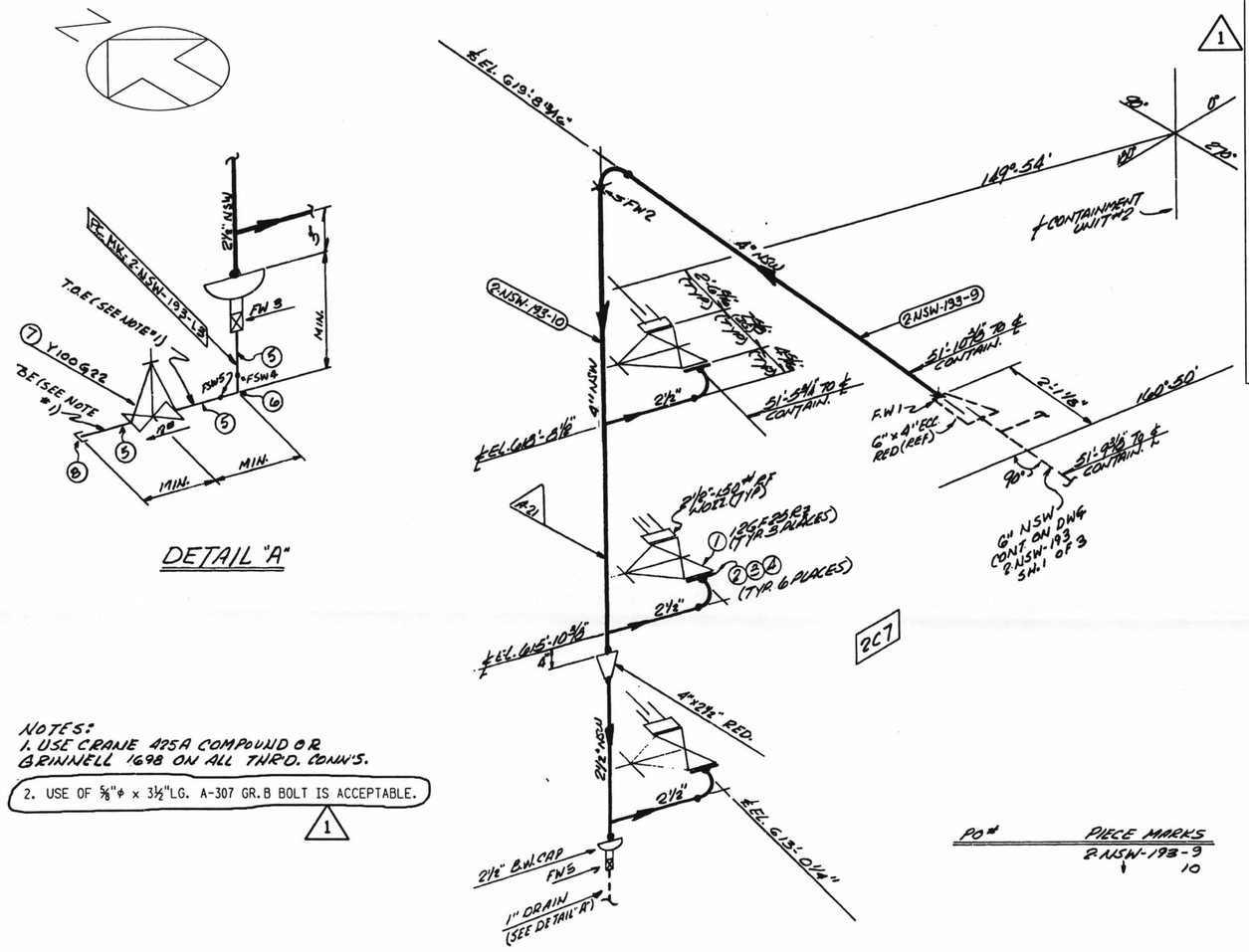
TOTAL FW 3



NOTES:
1. USE CRANE 425A COMPOUND OR BRINNELL 1698 ON ALL THRD. CONN'S.
2. USE OF ⅝"ϕ x 3½"LG. A-307 GR.B BOLT IS ACCEPTABLE. ⚠1

SIZE	QUAN.	FW
4"	9'	2
2½"	6'	—
1"	1'	1

MATERIAL

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.
01	1	3	2½"	125# C.I. FLGD. GATE VALVE	19GF85R2
	2	6	2½"	150# COMPRESSED ASBESTOS RUBBER BONDED FULL FACE ⅛" THK. GASK	
	3	24	⅝"ϕ	3" LG. HEX. HD. MACH. BOLTS (SEE NOTE 2)	A-307 GR.B
	4	24	⅝"ϕ	HEAVY HEX NUTS (CLASS 2 TOL)	"
	5	AS REQ'D	1"	PIPE (SCH 80) SMLS C.S.	A-106 GR.B
	6	1	1"	90°-3000# S.W. C.S. ELBOW	A-181 GR 1 CL II
	7	1	1"	150# THRD. GATE VALVE BRONZE OR BRASS	Y100G22
	8	1	1"	3000# C.S. THRD CAP	A-105 GR 1 CL II

PO# PIECE MARKS
2-NSW-193-9
10

SITE FAB PIECE MARKS
2-NSW-193-L3

D-36C

2-NSW-193 (Sheet 3 of 3)
Lower Containment Ventilation Unit 2 Supply Line

REV.	DATE	DESCRIPTION	FIELD STATUS
1	09/07/99	THIS DRAWING HAS BEEN CONVERTED FROM A MANUAL FORMAT TO THE IGS-SCANNED DRAWING FORMAT AND SUPERSEDES ALL PREVIOUS REVISIONS. ADDED : NOTE FOR ITEM 3 PER RFC 12-2769, AB-D02573, DCDR 10-10-1003 GNL/RQ/99	NO FIELD ACTION REQ'D.

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.
Q.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
○ = 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

SML'S. WLD'D. FOR AS INSTALLED MATERIAL - SEE B.O.M. ABOVE

FITTINGS

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

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

POUR/ZONE No. 2C7 FLOW DIAGRAM 1-2-5114A
Q.S.L. 01

REFER TO ORIGINAL ISSUE MICROFILM FOR SIGNATURES

DWN DATE: CONTAINMENT BLDG. 2
CKD DATE: DWG. No. 2-NSW-193
SQ. LDR: DATE:
REF. DWG. 2-5692, 2-5694A SH 3 REV 1

AEP AMERICAN ELECTRIC POWER
AEP SERVICE CORP. 1 RIVERSIDE PLAZA COLUMBUS, OH 43215

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