ISO SHT. NO. 3443

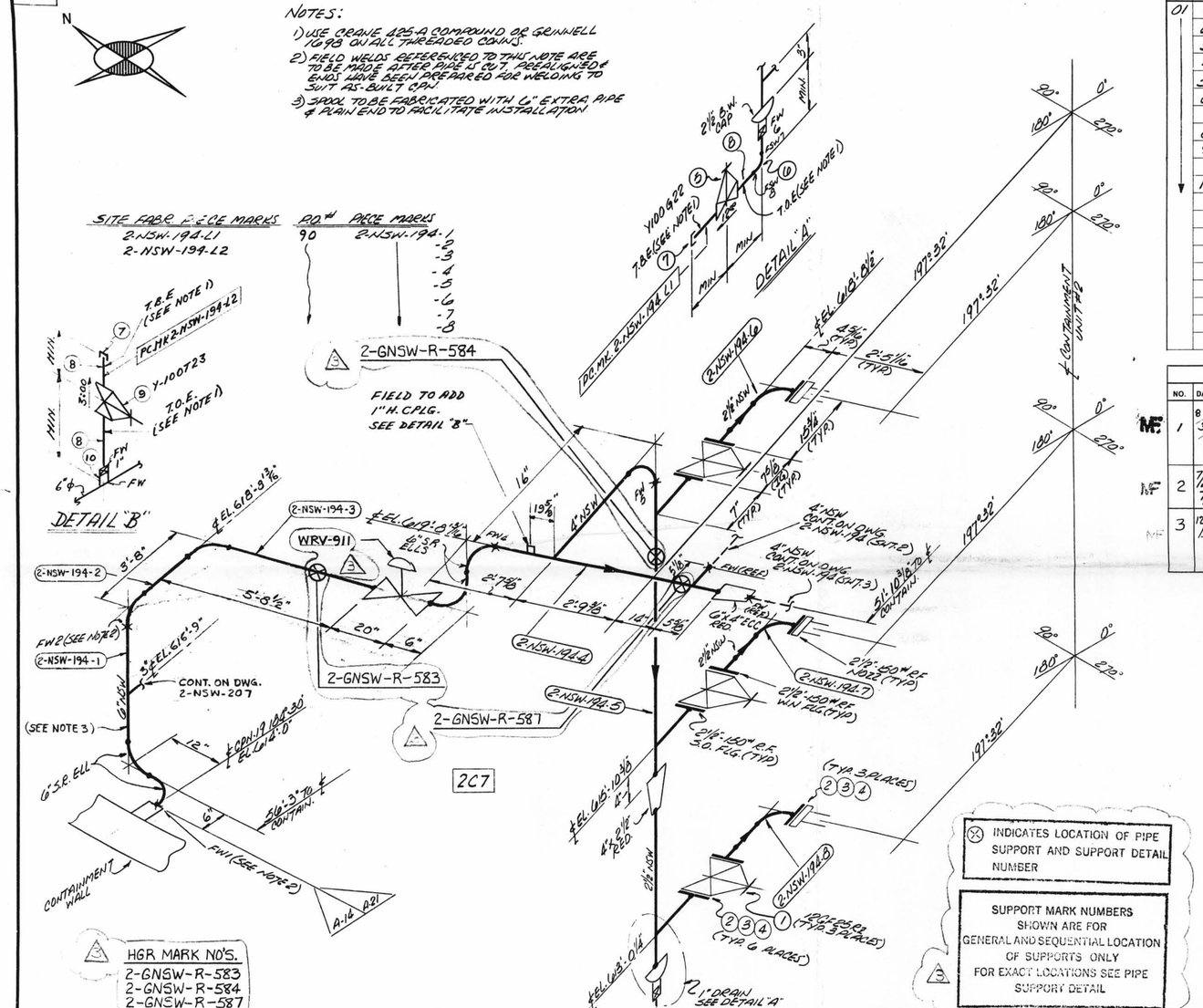
QSL	ITEM	QTY.	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	3	2½	125# C.I. FLG'D. GATE VA.	18GFD5R2	
	2	36	⅝	3" LG HEX HD. MACH. BOLTS	A307GRB	
	3	36	⅝	HEAVY HEX NUTS (CL2 TPL)	✓	
	4	9	2½	1/16" THK 150# COMP. ASB. GASK.		
	5	1	1"	150# THD. GATE VA BODY-TRIM OF BRASS	Y100G22	
	6	1	1"	3000# C.S. S.W. 90° ELL	A-181 GR. 70K II	
	7	2	1"	3000# C.S. THD CAP	✓	
	8	AS REQD	1"	PIPE (S.H. 80) SMLS C.S	A106 GR.B	
	9	1	1"	200# THD. BRASS OR BRONZE GLOBE VALVE	Y-100T23	
	10	1	1"	3000# ⅝ S.W. H. CPLG	A-181 GR. I OR II	

NO.	DATE	DRAWN / CKD	DESCRIPTION	REMARKS
1	8/30/74	JC / TT	ADDED 19⅝" DIM., DETAIL "8"; 1" S.W. H. CPLG., ITEMS 9 & 10 IN B.M., PC.MK. NWS-194L2. QTY IN ITEM 7 WAS 1. PER ARRGT. DWG. 2-5692 REV. 3	FIELD ACTION REQ.
2	7/5/83	JB / JD	PER RFC-DC-12-2231 REVISED PIPING & ADDED VALVE WRV-915. PER AS BUILT INFO.	NO FIELD ACTION REQD.
3	12/9/87	JS / SM / LD	TO REFLECT AS-BUILT CONDITIONS FOR RFC-DC-12-2947 REVISED VALVE NO WRV-915 TO READ WRV-911; ADDED SUPPORT MARK NOS. & SUPERSEDED HANGER 150 2-GNSW-194.	NO FIELD ACTION REQ'D

TOTAL FW

NOTES:

1) USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THREADED CONN'S.
2) FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS ON'T. PREALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS-BUILT CPN.
3) SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE & PLAIN END TO FACILITATE INSTALLATION



HGR MARK NO'S.
2-GNSW-R-583
2-GNSW-R-584
2-GNSW-R-587

⊗ 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-10A

SIZE	QUAN.	FW
6	24	4
4	6	1
2½	12	-
1	2	3

A-14 DESIGN SPEC. DCCPM 103.QCN
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL- 044
WELD PROCEDURE
QSL- 04 TESTING 100% RT B.W

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

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

B.P. = BORING 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
O = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
■ = VERIFY DIMENSION IN FIELD

PIPE: A-53, A-106 GRB, A-376, A-312; STD. XY XXY 10 20 30 40 60 80 100 120 140 160; SMLS WLDD

FITTINGS: A-105, A-234, A-182, A-403, A-181

TESTING: N.D.T. SEE DES. CODE STAMP; M.T. P.T. R.T. U.T.; PRESSURE TEST: MED. PRESS. DURATION

ADDITIONAL

POUR/ZONE No. 2C7
REQUIRED COMPLETION DATE
FABRICATED BY TOLEDO
FLOW DIAGRAM 2-3114H
O.S.L. SEE DES
WELD PROCEDURE CODE STAMP

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: AAA DATE: 6/13/73
CKD: NP DATE: 6/13/73
ISSUED
REF. DWG. 2-5692

CONTAINMENT #2
DWG. NO. 2-NSW-194 (SHT. 1 OF 3)
REV. 3

2-NSW-194 (Sheet 1 of 3)
Lower Containment Ventilation
Unit 3 Supply Line