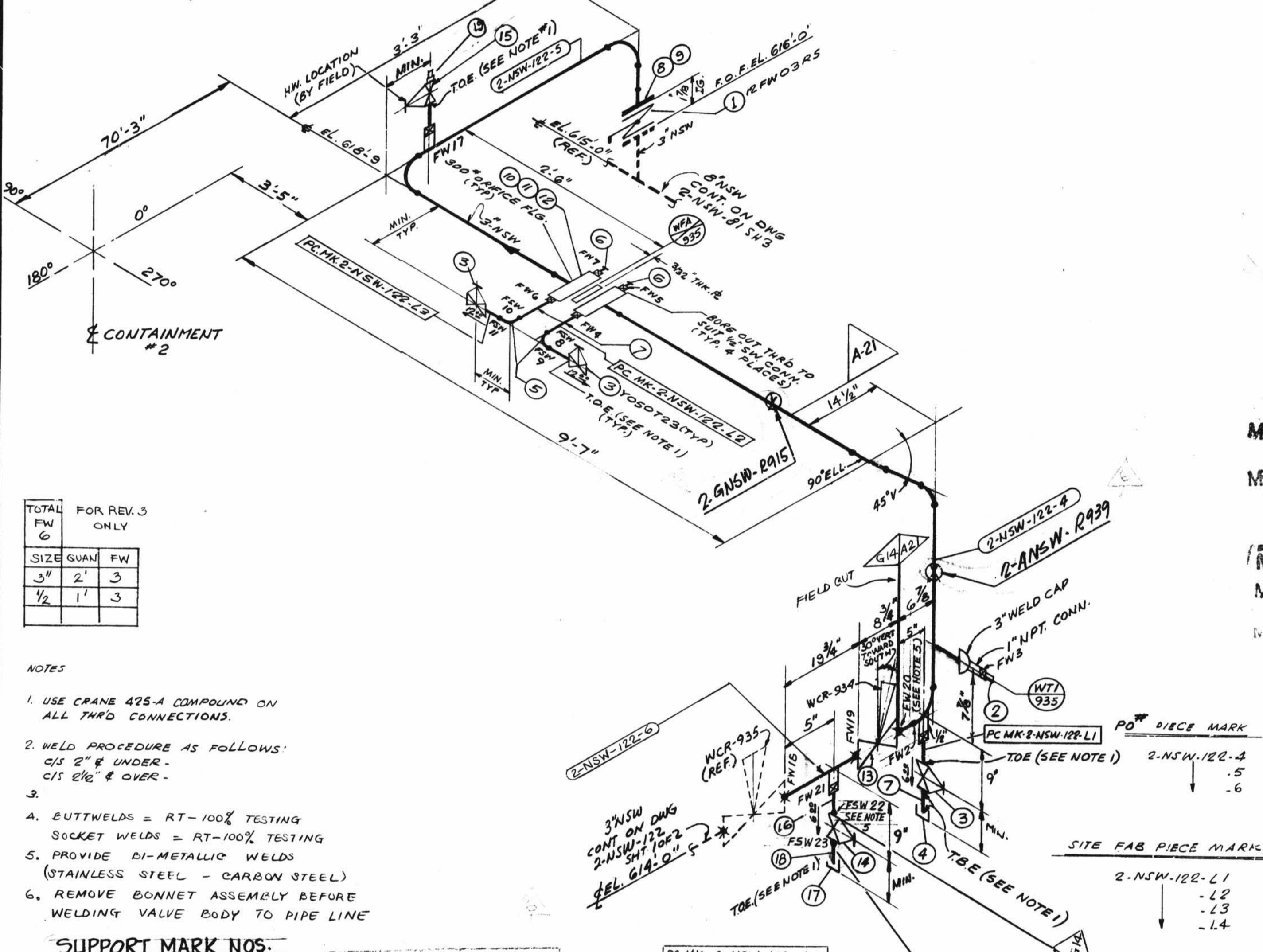
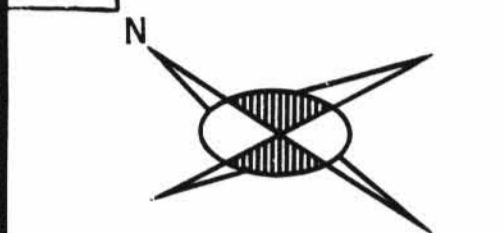


TOTAL FW 17



SIZE	QUAN.	FW
3"	2	3
1/2"	1	3

- NOTES
- USE CRANE 425-A COMPOUND ON ALL THRD CONNECTIONS.
 - WELD PROCEDURE AS FOLLOWS:
C/S 2" & UNDER - C/S 2 1/2" & OVER -
 -
 - BUTT WELDS = RT-100% TESTING
SOCKET WELDS = RT-100% TESTING
 - PROVIDE BI-METALLIC WELDS (STAINLESS STEEL - CARBON STEEL)
 - REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE

SUPPORT MARK NOS.
2-GNSW-R015
2-ANSW-R939

INDICATED LOCATION OF PIPE SUPPORT AND SUPPORT DESIGN NUMBER

SUPPORT MARK NUMBERS
FOR EXACT LOCATION OF PIPE SUPPORTS

SIZE	QUAN.	FW
3"	20	3
1"	-	2
1/2"	3	12

G-14 DESIGN SPEC. DCCPM 109 QCN HANGER SEISMIC CLASS I TEST EQUIPMENTS GL-4 WELD PROCEDURE QSL-04 TESTING SEE NOTE # 4		DESIGN SPEC. DCCPM 109 QCN	
MATERIAL CLASS A-21 SPEC. 104		PIPE	
A-53	A-106	A-378	A-312
GR. B			GR. TP-304
STD.	XY	XXY	10 20 30 40 50 60 80 100 120 140 160
FITTINGS		TESTING	
A-105	A-234	A-182	N.D.T. N/A
ADDITIONAL		PRESSURE TEST	
A-403	A-181	MED. PRESS. DURATION	

ISO SHT. NO. 2123

QSL	ITEM	QTY	SIZE	MATERIAL DESCRIPTION	TAG NO. OR ASTM MATL.	HEAT NO.
01	1	1	3"	125" C.I. WAFER BUTTERFLY VA	12FW03RS	
	2	1	1"	BI-METAL THERM. WELL	WTI-935	
	3	3	1/2"	200" SCR'D. GLOBE VA. BRASS	Y050723	
	4	1	1/2"	3000" SCR'D. CAP. C.S.	A-101 GR. I OR II	
	5	2	1/2"	3000" S.W. C.S. 90° ELL.		
	6	2	1/2"	3000" S.W. PLUG C.S.		
	7	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
	8	4	5/8"	5' LG. HEX. HD. MACH. BOLT	A-307 GR. B	
	9	4	5/8"	HEAVY HEX. NUT CL. 2 TOL.		
	10	2	3"	1/8" THK. SPIRAL WOUND ELASTIC GASKET STYLE CG TYP. 304		
	11	8	3/4"	4 1/4" LG. STUD BOLT	A-193 GR. B7	
	12	16	3/4"	HEAVY HEX. NUT	A-193 GR. B7	
	13	1	3"	B.W. DIAPH. CONTROL VA SS	WCR-934	
	14	1	1/2"	600" S.W. C.S. GLOBE VALVE	Y-050736	
01	15	1	1"	200" SCR'D. GLOBE VA. BRASS	Y-100723	
04	16	AS REQ'D	1/2"	PIPE (SCH. 40S) SMLS. S.S.	A-312 GR. TP 304	
	17	1	1/2"	3000" SCR'D. CAP. C.S.	A-101 GR. I OR II	
	18	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS. C.S.	A-106 GR. B	
01	19	1	1"	3000" THRD. PLUG, C.S.	A-101 GR. I OR II	

REVISION RECORD

NO.	DATE	BY	DESCRIPTION	REMARKS
1	10/20/76	DR	REVISED BY AEP DESIGN: PER RFC-DC-12-671: ADDED; 3" BW CONTROL VA. WCR-934, 1/2" DRAIN-VALVE NR. Y-050736, 1" VENT-VALVE NY-100723	ACTION REQ'D.
2	11/17/76	LB	AS PER AEP-MC-0316 ADDED AS BUILT DIMENSIONS AND NOTE 3.	NO ACTION REQ'D.
3	11/18/76	DL	PER RFC-DC-12-2549 ADDED SPEC. G-14 PCMK # 6, FIELD WELD BOX NOTES 4, 5 & 6, FIELD WELDS 18 TO 21 FSW 22 & 23 ITEM NOS. 16 TO 18 IN B/M PCMK L4. REVISED ITEM 13 IN B/M DIM'S. REMOVED DIM'S. FROM AS BUILT BOXES.	FIELD ACTION REQ'D.
4	12/21/76	KA	PER RFC-DC-12-2549 ROTATED VALVE ACTUATOR AT 30° VERT TOWARD SOUTH.	FIELD ACTION REQ'D.
5	1/1/77	ME	PER RFC-DC-12-2549 LOCATED WTI-935	NO FIELD ACTION REQ'D.
6	7/1/77	LB	TO REFLECT AS-FOUND CONDITIONS FOR RFC-DC-12-3010 PER FWR # 759 REV. 1. ADDED: 1" PLUG & ITEM 19 ON B/M SUPPORT MARK NOS. & SUPERSEDES HGR. 150. NO. 2-GNSW-122 SH. NO. 2.	NO FIELD ACTION REQ'D.

D-31B

2NSW-122 (sheet 2 of 2)
Upper Containment Ventilation
Unit 4 Return Line

POUR/ZONE No. 225	FLOW DIAGRAM 2-S114A
REQUIRED COMPLETION DATE	Q.S.L. 01
FABRICATED BY TUBECO	WELD PROCEDURE SEE NOTE 2
NPS DESIGNS INC. NEW YORK, N.Y.	LIVSEY & COMPANY, INC. INDIANA & MICHIGAN ELECTRIC CO. DONALD C. COOK NUCLEAR PLANT
FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.	CONTAIN VICINITY
ISSUED	DWG. NO. 2-NSW-122 SH. 2 OF 2
REF. DWG. 2-54374	REV. 6