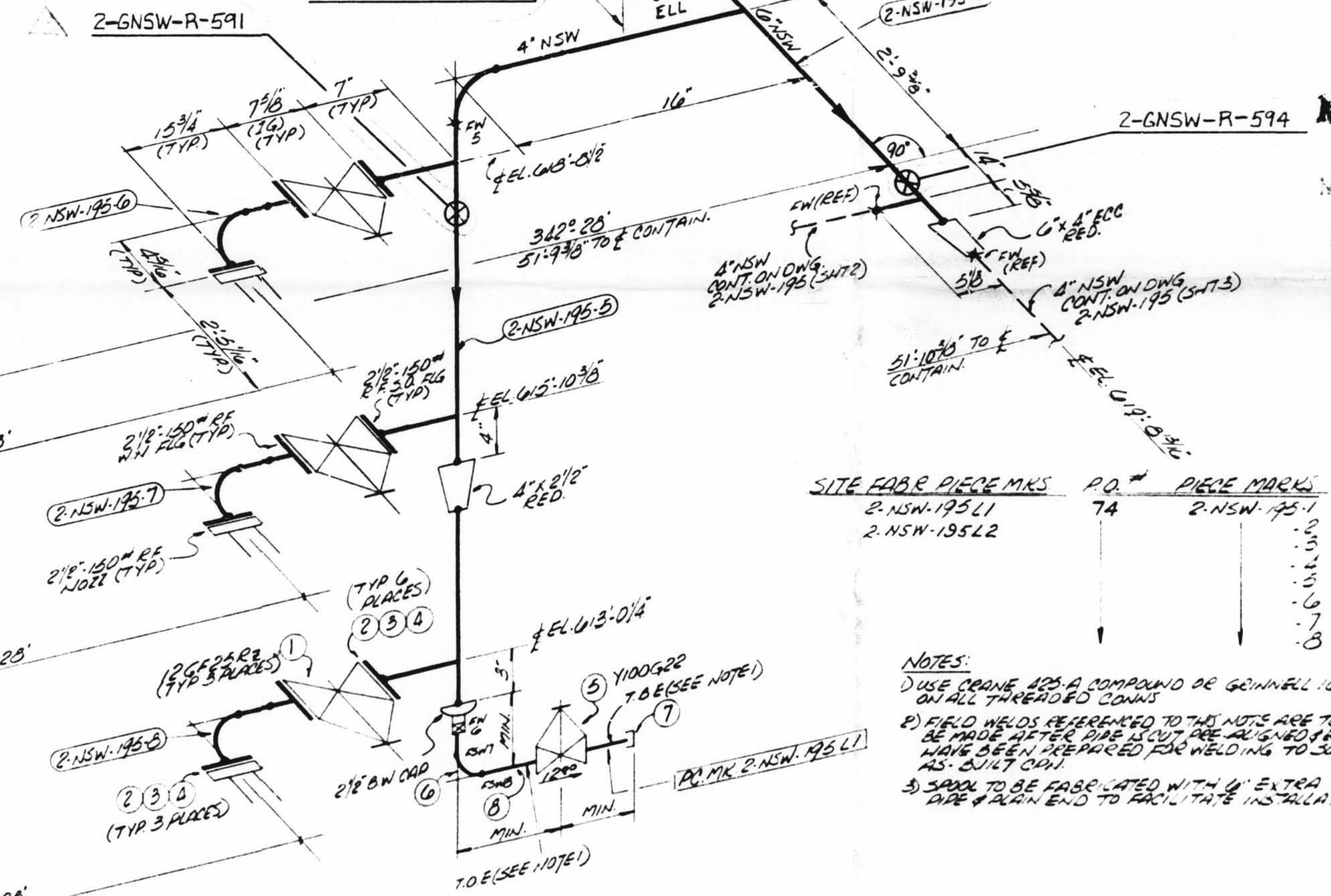
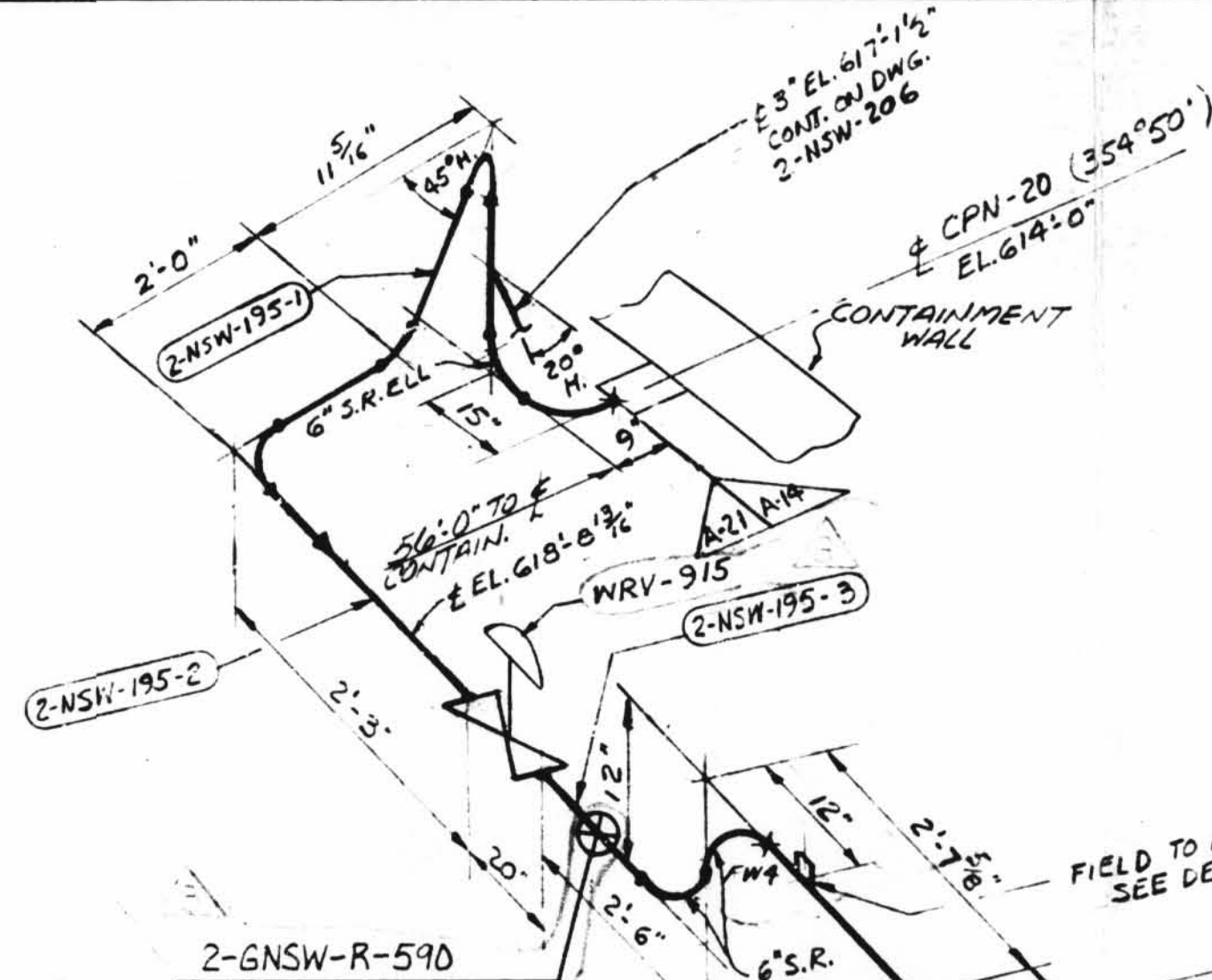
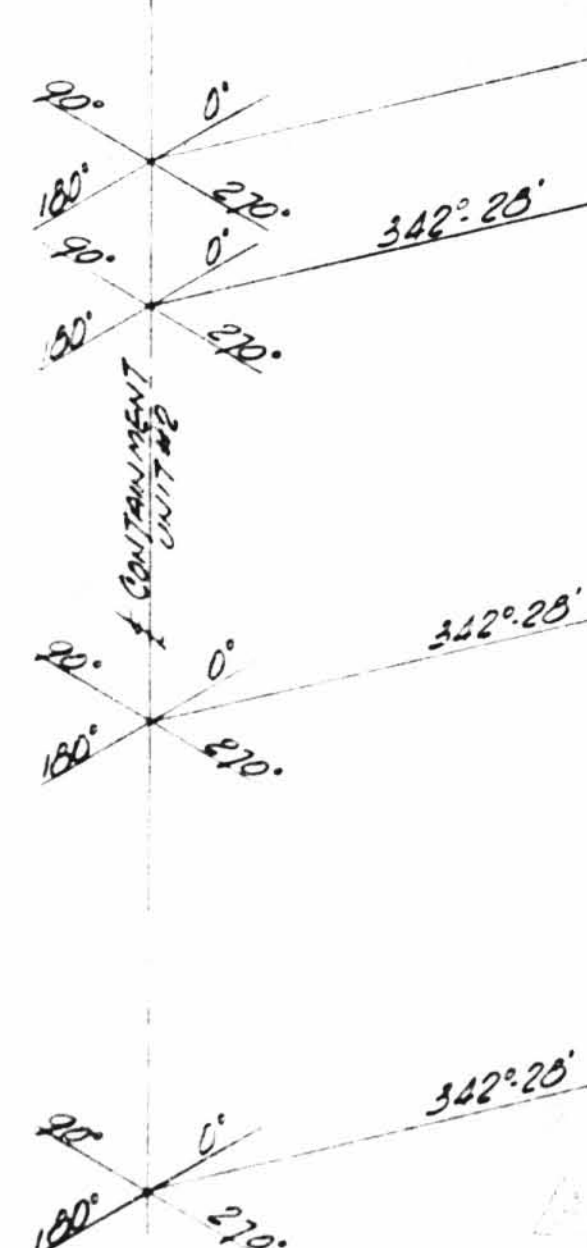
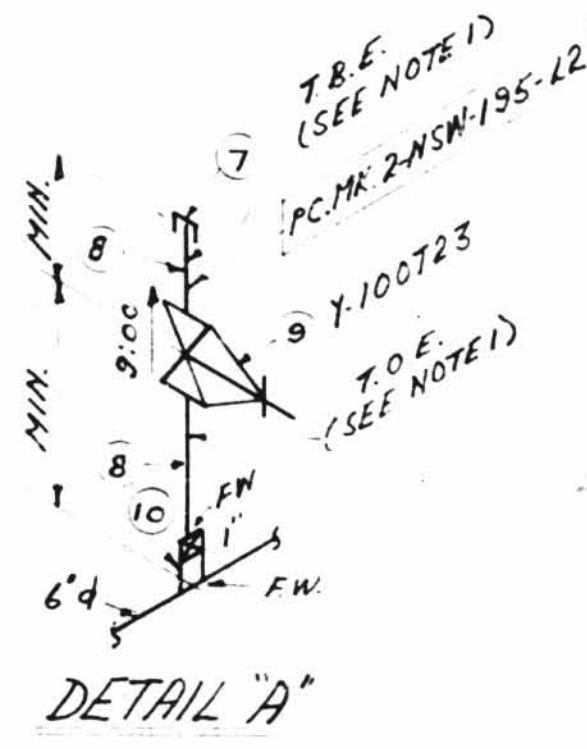
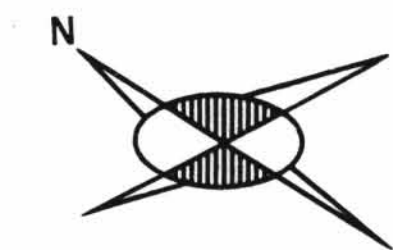


TOTAL
FW



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

INDICATES LOCATION OF PIPE
SUPPORT AND SUPPORT DETAIL
NUMBER

ISO SHT. NO. 5446

QSL	ITEM	QTY	SIZE	MATERIAL DESCRIPTION	TAG No OR ASTM MAT'L	HEAT NO.
01	1	3	2 1/2"	125# C.I. FLG'D. GATE VA.	12GF25R2	
	2	36	3/8"	3/16 HEX HD MACH BOLTS	A307 GR B	
	3	36	3/8"	HEAVY HEX NUTS (CL2 TOL)		
	4	9	2 1/2"	1/16 THK COMP ASS GASKET 150#		
	5	1	1"	150# THD. GATE VA. BRASS	Y100G22	
	6	1	1"	3000# C.S. S.W. 90° ELL.	A-181 GR 3 OR II	
	7	2	1"	3000# C.S. THD. CAP		
	8	1	1"	PIPE (SCH 80) SMLS. C.S.	A-106 GR B	
	9	1	1"	200# THD. BRASS OR BRONZE GLOBE VALVE	Y-100T23	
	10	1	1"	3000# 1/2 S.W.H. CPLG.	A-181 GR 3 OR II	

REVISION RECORD				
NO	DATE	BY	DESCRIPTION	REMARKS
1	8/30/74	J.C.	ADDED 12" DIM, DETAIL 'A', 1" S.W.H. CPLG., ITEMS 9 & 10 IN B.I., P.C. MK 2-NSW-195-L2, QTY. IN ITEM 7 WAS 1. PER ARRG'T DWG 2-5692 REV. 3	FIELD ACTION REQ.
2	7/5/83	VE	PER RFC-DC-12-2231: REVISED PIPING & ADDED VALVE WRV-911. PER AS BUILT INFO.	NO FIELD ACTION REQ'D.
3	12/13/89	JS	TO REFLECT AS-BUILT CONDITIONS FOR RFC-DC-12-2947 REVISED VALVE NO. WRV-911 TO READ WRV915, ADDED SUPPORT MARK NBS & SUPERSEDED HANGER ISO 2-GNSW-R5	NO FIELD ACTION REQ'D.

SITE FABR. PIECE MKS	P.O. #	PIECE MARKS
2-NSW-195L1	74	2-NSW-195-1
2-NSW-195L2		2-NSW-195-2
		2-NSW-195-3
		2-NSW-195-4
		2-NSW-195-5
		2-NSW-195-6
		2-NSW-195-7

NOTES:
 1) USE CRANE AND A COMPOUND OR GRINNELL 1678 ON ALL THREADED CONNS.
 2) FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS-BUILT COND.
 3) SHALL TO BE FABRICATED WITH 1/4" EXTRA PIPE & ALIGN END TO FACILITATE INSTALLATION.

D-11A

2-NSW-195 (Sheet 1 of 3)
 Lower Containment Ventilation
 Unit 4 Supply Line

QTY	BY	DATE	REVISION
6	24	4	
4	6	1	
2 1/2	12	-	
1	2	3	

HANGER MARK NOS.

2-GNSW-R-590
2-GNSW-R-591
2-GNSW-R-594

A-14 DESIGN SPEC DCBPM 103 GCN

HANGER SEISMIC CLASS	TEST REQUIREMENTS	Q	WELD PROCEDURE
I	OD	100% RT & W.	08

A-21 DESIGN SPEC DCBPM 102 OCS

HANGER SEISMIC CLASS	TEST REQUIREMENTS	Q	WELD PROCEDURE
II	N/A	N/A	01

DESIGN SPEC	SEE	DESIGN
HANGER SEISMIC CLASS	DESIGN	DESIGN
TEST REQUIREMENTS	CODE	CODE
MATERIAL CLASS	STAMP	STAMP
PIPE	STAMP	STAMP
FITTINGS	STAMP	STAMP
TESTING	STAMP	STAMP
ADDITIONAL		

POUR ZONE No.	REQUIRED COMPLETION DATE	FLOW DIAGRAM
206	2-28-89	2-28-89
FABRICATED BY	WELD PROCEDURE	
DWNS	DATE	
LSD	DATE	
ISSUED	DATE	
REV		

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 ARRG'T DWGS

2-NSW-195
 (SHT 1 OF 3)
 3