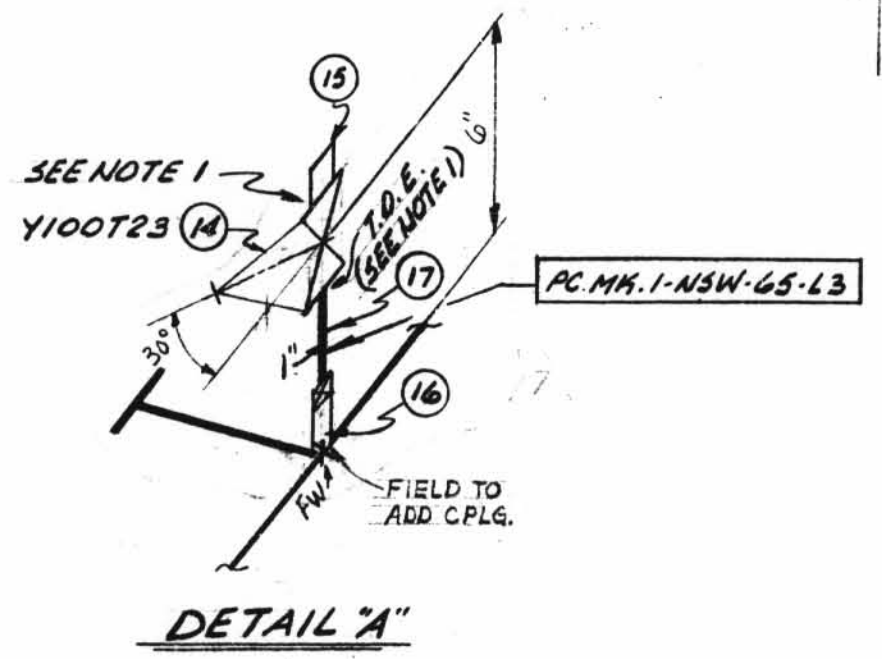
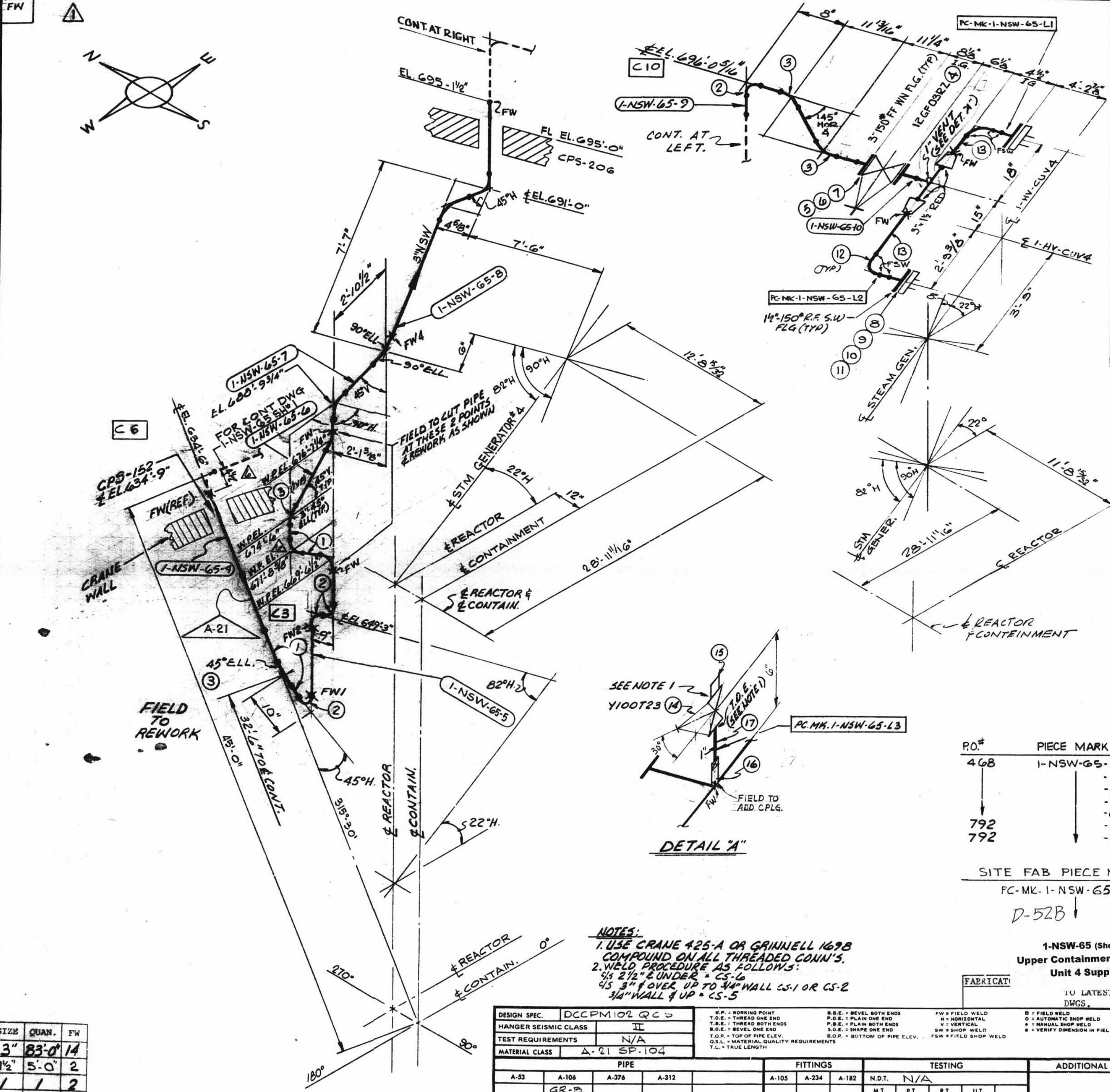
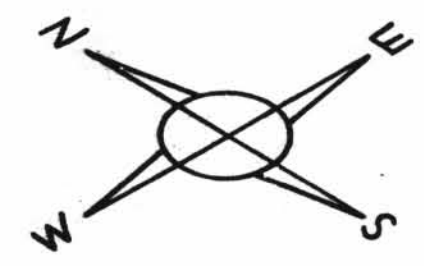


TOTAL FW



NOTES:
 1. USE CRANE 425-A OR GRINNELL 169B COMPOUND ON ALL THREADED CONN'S.
 2. WELD PROCEDURE AS FOLLOWS:
 3/8\"/>

MATERIAL ISO SH No. 1472

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MATL.	HEAT NO.
01	1	AS REQD	3"	PIPE, SMLS, CS, SCH 40	A-100 GR. B	
	2	4	3"	90° LR ELL, BW, CS, SCH 40	A-234 GR. B	
	3	5	3"	45° ELL, BW, CS, SCH 40	A-234 GR. B	
	4	1	3"	125° C.I. FLGD GATE VA.	12GF09RZ	
	5	2	3"	1/16 THK 150° FF GASK. COMP ASBESTOS RUBBER BONDED		
	6	8	3/8"	x 3 LG. HEX. HD. MACH BOLTS	A307 GR B	
	7	8	3/8"	HEAVY HEX NUTS CL 2 TOL	A307 GR B	
	8	2	1 1/2"	150° RF SW FLG.	A181 GR IOR II	
	9	2	1 1/2"	1/16 THK 150° FF GASK. COMP ASBESTOS RUBBER BONDED		
	10	8	1/2"	x 2 1/2 LG. HEX. HD. MACH BOLTS	A307 GR B	
	11	8	1/2"	HEAVY HEX NUTS CL 2 TOL	A307 GR B	
	12	2	1 1/2"	3000° CS. SW 90° ELL	A181 GR IOR II	
	13	AS REQD	1 1/2"	SMLS C.S PIPE SCH 80	A106 GR B	
	14	1	1"	200° THD. BRONZE GLOBE VA	Y100T23	
	15	1	1"	3000° CS THD. PLUG	A-181 GR. B	
	16	1	1"	3000° CS SW COUPLING	A-181 GR. B	
	17	AS REQD	1"	PIPE (SCH 80) SMLS CS	A-100 GR. B	

REV	DATE	OR CHK.	DESCRIPTION	REMARKS
NF	7/15/71	SM	RELOCATED TAP FOR Y-100T23 & REV. ORIENTATION OF HAND WHEEL (ADDED DIM. PER RFC-DC-12-264)	
2	8/15/71	CRM	ADDED: SPOOLS 9 & 10; PC-MK-1-NSW-65-11 & 12; BILL OF MATL ITEMS 4 THRU 13. PER AEP DWG 5740-REV-1 ADDED REF DWG 1-57-40 REVISED BY N.P.S. DESIGNS	FIELD ACTION REQ'D FAB ACTION REQ'D
3			BY FIELD	
4	11/30/71	J.R.	ADDED: 1" VENT, PC-1-NSW-65-13, REF. NOTE 1, ITEMS 14 THRU 17 AEP ARRGT. DWG. 1-5744 REV. 5	FIELD ACTION REQ'D
5	3/15/73	J.R. I.F.	REVISED BY N.P.S. DESIGNS. REVISED PC-MK-1-NSW-65-6 & 1-NSW-65-7. ADDED FIELD NOTE, FW'S FOR AEP ARRGT. DWG. 1-5889A REV. 4	FIELD ACTION REQ'D
6	12/14/73	GR. ETC.	REVISED BY N.P.S. DESIGNS. ADDED: NOTE 2, DIM. 3" 2 1/8" 10" 32" 10" EL. 603.934" QTY IN ITEM 8 WAS (3). DIM. 11 3/4" WAS 12 1/8". 11 1/4" WAS 10 7/8". EL. 696.091" WAS 696.091". 18" WAS 19 1/2". 15" WAS 13 3/4". 2 1/2" WAS 2 3/8". EL. 676.714" WAS 675.3". EL. 674.6 WAS 673.291". EL. 671.898" WAS 670.491". DIM. 12 1/2" WAS 12 1/8". DIM. 6 1/2" WAS 6 1/8". DIM. 4 1/2" WAS 4 1/8".	NO ACTION REQ'D

P.O.#	PIECE MARK
408	1-NSW-65-4
	-5
	-6
	-7
792	-8
792	-9
	-10

SITE FAB PIECE MARK
 PC-MK-1-NSW-65-L1
 L2
 L3
 D-52B

1-NSW-65 (Sheet 2 of 2)
 Upper Containment Ventilation
 Unit 4 Supply Line

FABRICATED TO LATEST A.E.P. ARRGT. DWGS.

LABOR COST CONTROL		LABOR COST CONTROL	
USE ONLY WITH		USE ONLY WITH	
PIPE SIZE		PIPE SIZE	
SCHEDULE		SCHEDULE	
TYPE		TYPE	
ISO START DATE		ISO START DATE	
ISO FINISH DATE		ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER	WORK OPERATION	LINE ITEM NUMBER
HANGER INST.		HANGER INST.	
ERECT		ERECT	
WELD		WELD	
RADIO-G - X-RAY		RADIO-G - X-RAY	
STRESS RELIEVE		STRESS RELIEVE	
MISC. WORK		MISC. WORK	

SIZE	QUAN.	FW
3"	83'-0"	14
1 1/2"	5'-0"	2
1"	1	2

DESIGN SPEC.				TESTING			
DCCPM102 QC 0				PRESSURE TEST			
HANGER SEISMIC CLASS II				MED. PRESS. DURATION			
TEST REQUIREMENTS N/A							
MATERIAL CLASS A-21 SP.104							
PIPE				FITTINGS			
A-33	A-106	A-376	A-312	A-105	A-234	A-182	N.D.T. N/A
STD. XY XXY 10 20 30 40 60 80 100 120 140 160				A-403 A-181			
SMLS WELD							

POUR/ZONE No. 103 FLOW DIAGRAM 1-2-5114A
 REQUIRED COMPLETION DATE O.S.L. 01
 FABRICATED BY TUBECO WELD PROCEDURE 1-57-2

REVISION RECORD		LIVSEY & COMPANY, INC.	
NO.	DATE	DESCRIPTION	
		DONALD C. COOK NUCLEAR PLANT	
DWN LGR	DATE: 7-23-71	CONTAINMENT BLDG	
CKD: GN	DATE: 7-31-71	DWG. NO.	
ISSUED		1-NSW-65	
REF. DWG 1-57-20 A		SH 2 OF 2	