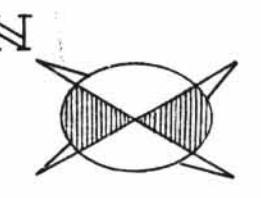
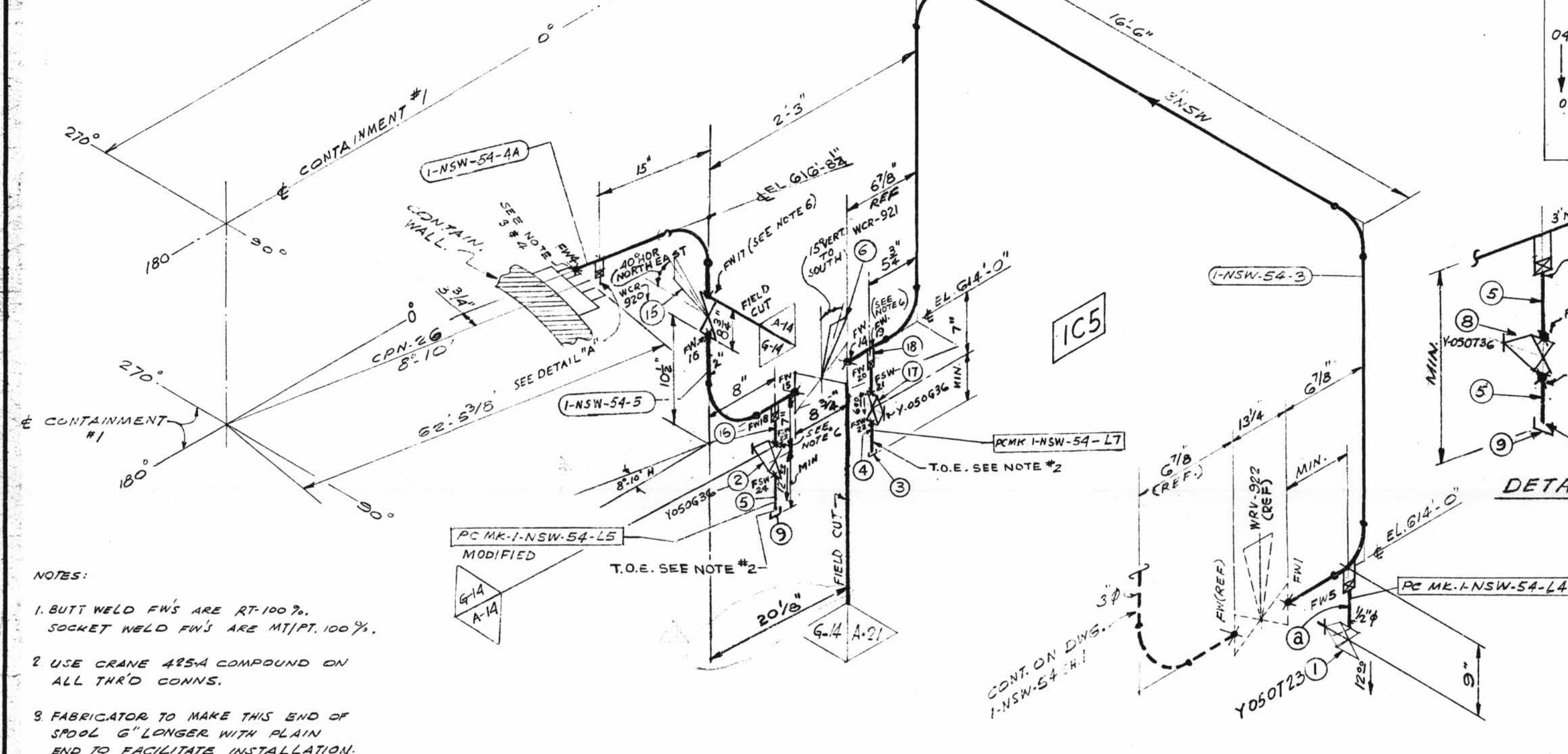


TOTAL FW 13



SIZE	QUAN	FW
3"	4	7
1/2"	2	4



- NOTES:
- BUTT WELD FWS ARE RT-100%. SOCKET WELD FWS ARE MT/PT-100%.
 - USE CRANE 4254 COMPOUND ON ALL THRD CONNS.
 - FABRICATOR TO MAKE THIS END OF SPOOL 6" LONGER WITH PLAIN END TO FACILITATE INSTALLATION.
 - FWS PERTAINING TO THIS NOTE ARE TO BE MADE AFTER PIPE IS PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
 - PIPE 2" & UNDER CS (LATER). PIPE 2 1/2" & UP CS (LATER).
 - PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL).
 - REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE.

P.O.#	PIECE MARK	SITE FAS	PIECE MARK
528	1-NSW-54-3		1-NSW-54-L4
530	44		L5
	5		L7

MATERIAL 1/50 SH. No. 1816

QSL	ITEM	QTY	SIZE	DESCRIPTION	TAG No. OR ASTM MAT.	HEAT NO.
01	1	1	1/2"	200# SCRD GLOBE VA BRONZE OR BRASS	Y050T23	
04	2	1	1/2"	600# S.W. GATE VA. C.S.	Y050G36	
01	3	1	1/2"	SCRD CAP C.S. 3000#	A-181 G-1 OR II	
4	AS REQ'D	1/2"		PIPE (SCH.80) SMLS C.S.	A-106 GR. B	
04	5	1	1/2"			
04	6	1	3"	B.W. DIAPH. CONTROL VA. S.S	WCR-921	
7						
8	1	1	1/2"	600# C.S. S.W. GLOBE VALVE	Y-050T36	
9	2	1	1/2"	3000# THD. CAP	A-105 II	
04	15	1	3"	B.W. DIAPH. CONTROL VA. S.S	WCR-920	
16	AS REQ'D	1/2"		PIPE (SCH. 40 S) SMLS. S.S.	A-312 GR TP 304	
17	1	1	1/2"	600# S.W. GATE VALVE C.S.	Y-050G36	
01	18	1	1/2"	3000# C.S. HALF CPLG.	A-181 GR I OR II	

REV.	DATE	OR CHG	DESCRIPTION	REMARKS
1	4/28/72	J.M.	S.G. RELEASED: PIPING AT CPN. ADDED: NOTES 3, 4 & 5; ITEM G; P.O.#; BOX FOR TOTAL NO. OF FW; PC MK 4A; FW. REV. NOTE 1; LOCATION OF SPEC CHG; WELD PROCEDURE; TESTING FOR FWE. DELETED: VALVE FWS 8, 10. PER DWS. 1-5497A-4	FIELD ACTION REQ'D
2	7/19/75	P.A.	REV'D; ITEM 2 Y050G36 WAS CY050G36 - REVISED BY A.E.P.	NO ACTION REQ'D
3	1/20/76	J.M.	REVISED BY A.E.P. DESIGN PER DPC-DC-12-57 TO REFLECT AS BUILT WHEN CHECK VALVE WAS ADDED	NO ACTION REQ'D
4	2/21/78	H.B. LB	PER RFP#12-1430 DELETE ITEM 7 & ADDED ITEM 10 (1) (2) (3) (4) SEE DET. "B"	FIELD ACTION REQ'D
5	1/13/82	K.A. DR	PER RFP#DC-12-2549 ADDED: PIPE SPEC. G-14, DIM'S, PC MK 1-NSW-54-5 & 1-NSW-54-L7. FIELD WELD BOX NOTES 6, 7, FIELD WELDS N814THRU 20; FSW21 THRU 24, ITEM N8'S 15 TO 18 IN B/M DELETED ITEM N8'S 10 THRU 14 FROM B/M, PC MK 1-NSW-54-4 REVISED DIM'S 3, 6, 9 IN B/M MODIFIED PC MK 1-NSW-54-L5.	FIELD ACTION REQ'D
6	1/28/82	J.M.	PER RFP#DC-12-2549 ADDED: DIM'S 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.	NO ACTION REQ'D

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"	27	0
1/2"	2	0
	7	
	6	

DESIGN SPEC.	DESIGN	TEST REQUIREMENTS	CODE	STAMP
A-14 DESIGN SPEC. DCCPM 103 QCN	JES	DESIGN		
HANGER SEISMIC CLASS	I	TEST REQUIREMENTS	QL-9	
WELD PROCEDURE	SEE NOTE 5	WELD PROCEDURE	SEE NOTE 5	
QSL-04	TESTING SEE NOTE 1	QSL-04	TESTING SEE NOTE 1	

POUR/ZONE No. 105

REQUIRED COMPLETION DATE: 12/82

FABRICATED BY: TUBECO

WELD PROCEDURE CODE STAMP

REVISION RECORD

NO.	DATE	DESCRIPTION

LIVSEY & COMPANY, INC.
DONALD C. COOK NUCLEAR PLANT

DWN: S.G. DATE: 10-4-77
CKD: WJP DATE: 10-5-77

ISSUED: 1-NSW-54 G
REF. DWG. 1-5497A-4 SH. 2088

D-84B

FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRG'T. DMS.