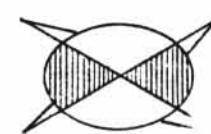
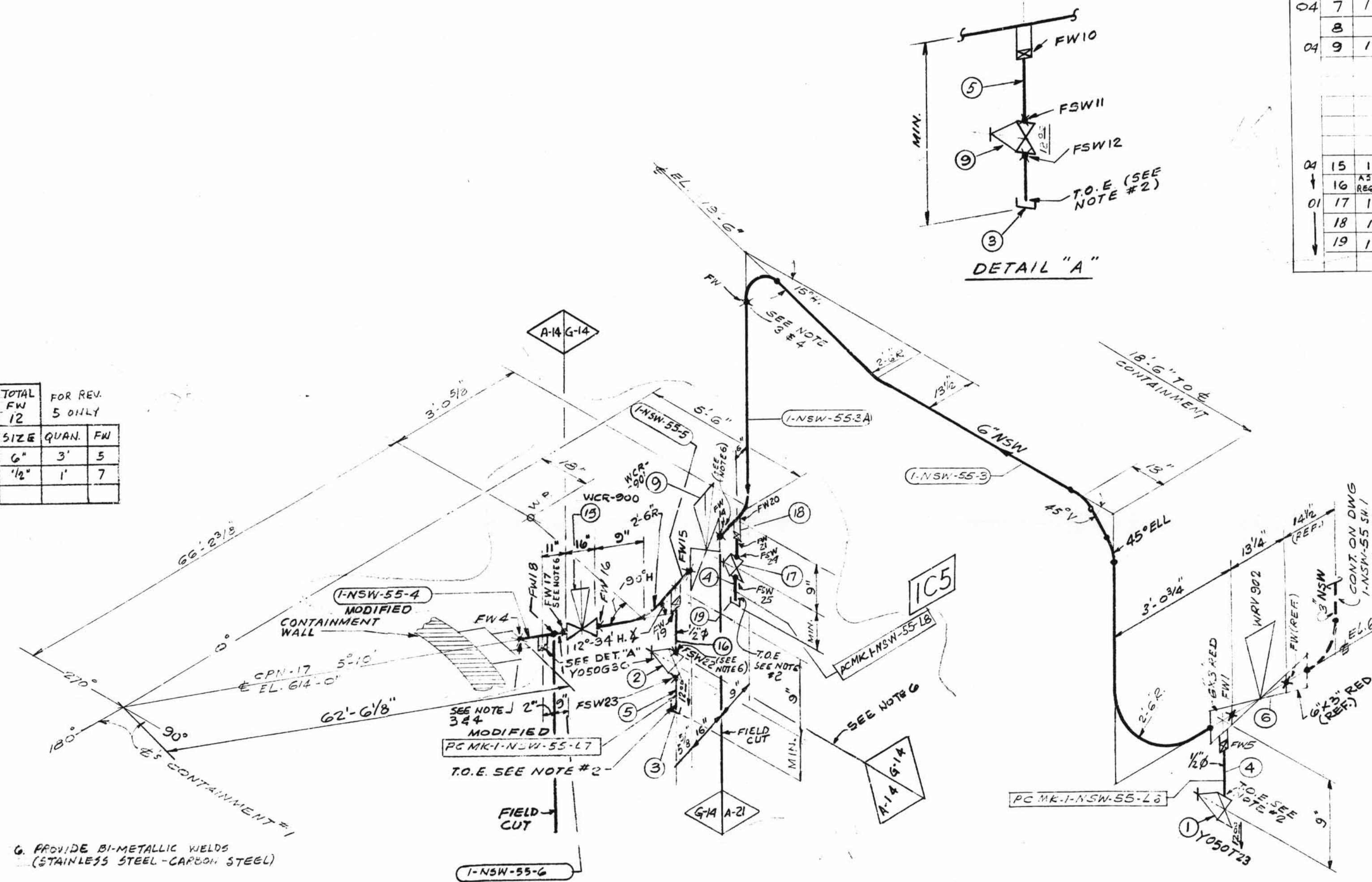


TOTAL
FW
13

N



TOTAL FW 12		FOR REV. 5 ONLY	
SIZE	QUAN.	FW	
6"	3'	5	
1/2"	1'	7	



6. PROVIDE BI-METALLIC WELDS
(STAINLESS STEEL-CARBON STEEL)

7. REMOVE BONNET ASSEMBLY BEFORE
WELDING VALVE BODY TO PIPE LINE

NOTES:

1. BUTTWELDS = RT-100% TESTING
"SOCKET" WELDS = RT-100% TESTING

2. USE CRANE 425-A COMPOUND
ON ALL THRD. CONNS.

3. FABRICATOR TO MAKE THIS END OF
SPOOL 6" LONGER WITH PLAIN END
TO FACILITATE INSTALLATION

4. 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.

5. CS-106 CS-G FOR 2" & UNDER
CS-106 CS-2 FOR 2 1/2" & UP.

G-14 DESIGN SPEC. DCCPM 109 & CH
HANGER SEISMIC CLASS
TEST REQUIREMENTS QL
WELD PROCEDURE

QSL 04 TESTING SEE NOTE #1
A-14 DESIGN SPEC. DCCPM 103 & CH
HANGER SEISMIC CLASS
TEST REQUIREMENTS QL
WELD PROCEDURE

QSL 24 TESTING SEE NOTE #1
A-21 DESIGN SPEC. DCCPM 102 & CS
HANGER SEISMIC CLASS
TEST REQUIREMENTS QL
WELD PROCEDURE

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP
PIPE	
A-33	A-106 A-376 A-312
STD.	XY XZY 10 20 30 40 60 80 100 120 140 160
SMIS	WIDD

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP
PIPE	
A-33	A-106 A-376 A-312
STD.	XY XZY 10 20 30 40 60 80 100 120 140 160
SMIS	WIDD

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP
PIPE	
A-33	A-106 A-376 A-312
STD.	XY XZY 10 20 30 40 60 80 100 120 140 160
SMIS	WIDD

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG NO. OR ASTM MAT'L	HEAT NO.
01	1	1	1/2"	200# SCD GLOBE VA. BRONZE	Y050723	
04	2	1	1/2"	600# S.W. GATE VA. C.S.	Y050836	
04	3	1	1/2"	SCRD CAP C.S. 3000#	A-181	
01	4	1	1/2"	PIPE (SCH 80) SMLS C.S.	A-181	
04	5	1	1/2"	"	"	
01	6	1	3"	CONTROL VALVE	WCR-902	
04	7	1	6"	B/W DIAPH. CONTROL VA. 3.5.	WCR-901	
04	9	1	1/2"	600# C.S. SW GLOBE VALVE	Y050736	
04	15	1	6"	B/W DIAPH. CONTROL VA. 3.5.	WCR-900	
01	16	1	1/2"	PIPE (SCH-40S) SMLS 3.5.	A-312	
01	17	1	1/2"	600# S.W. GATE VALVE C.S.	Y-050636	
01	18	1	1/2"	3000# C.S. HALF CPLG.	A-181	
01	19	1	1/2"	3000# C.S. THRD CAP.	A-181	

REV	DATE	DR	CHK	DESCRIPTION	REMARKS
1	12/19/71	S.G.	GN	RELEASED PIPING AT CPN. ADDED: FW; PC MK 3A; NOTES 3, 4, 5; ITEMS 6, 7, 8, 9; TOTAL NO. OF FV. REVISED: WELD PROCEDURE. PER DWG 1-5497A-3.	FIELD ACTION REQ'D FAB REQ'D
2	7/15/75	P.A.		REV'D: ITEM #2 Y050636 WAS CY050636-REVISED BY A.E.P.	NO ACTION REQ'D.
3	1/20/76	N.M.		REVISED BY A.E.P. DESIGN PER RFG-DC-12-571 TO REFLECT AS BUILT WHEN CHECK VALVE WAS ADDED	NO ACTION REQ'D.
4	2/2/78	N.B.	LB	PER RFG-12-1430 DELETE ITEM 8 & ADDED ITEM 10, 11, 12, 13, 14. SEE DETAIL "B."	FIELD ACTION REQ'D.
5	1/13/82	AG.	DR	PER RFG-DC-12-2549 ADDED: PIPE SPEC. 6" 14, DIM'S PC MK 3 5 & 6, FIELD WELD BOX, NOTES 2, 4, 7, FW 14 THRU 21, FSW 22 TO 25, ITEM NO'S 15 TO 19 TO DIM. DELETED ITEM'S 10 THRU 14 FROM B/M. REVISED ITEM NO. 7 IN B/M. ADDED PC MK 3 & 4 ELT.	FIELD ACTION REQUIRED

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	

N.P.S. DESIGNS
FABRICATOR NOTE: FABRICATION MUST CONFORM
TO LATEST A.E.P. ARRGT.
DHGS.

POUR/ZONE No. 1-5
REQUIRED COMPLETION DATE
FABRICATED BY TUBECO

FLOW DIAGRAM 1-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

REVISION RECORD
NO. DATE DESCRIPTION
1-NSW-55 (sheet 2 of 2)
Lower Containment Ventilation
Unit 1 Supply Line

LIVSEY & COMPANY, INC.
DONALD C. COOK NUCLEAR PLANT
OWN: J.G. DATE: 10/8/71
CD: WJP DATE: 10/8/71
ISSUED
REF. DWG: 1-5497A

1-NSW-55
SH. 2082

REV. 5