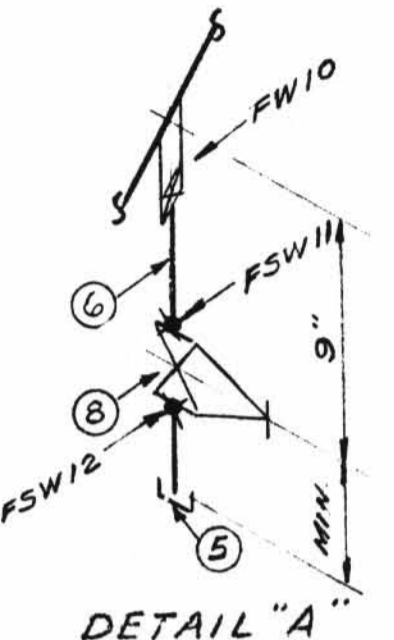
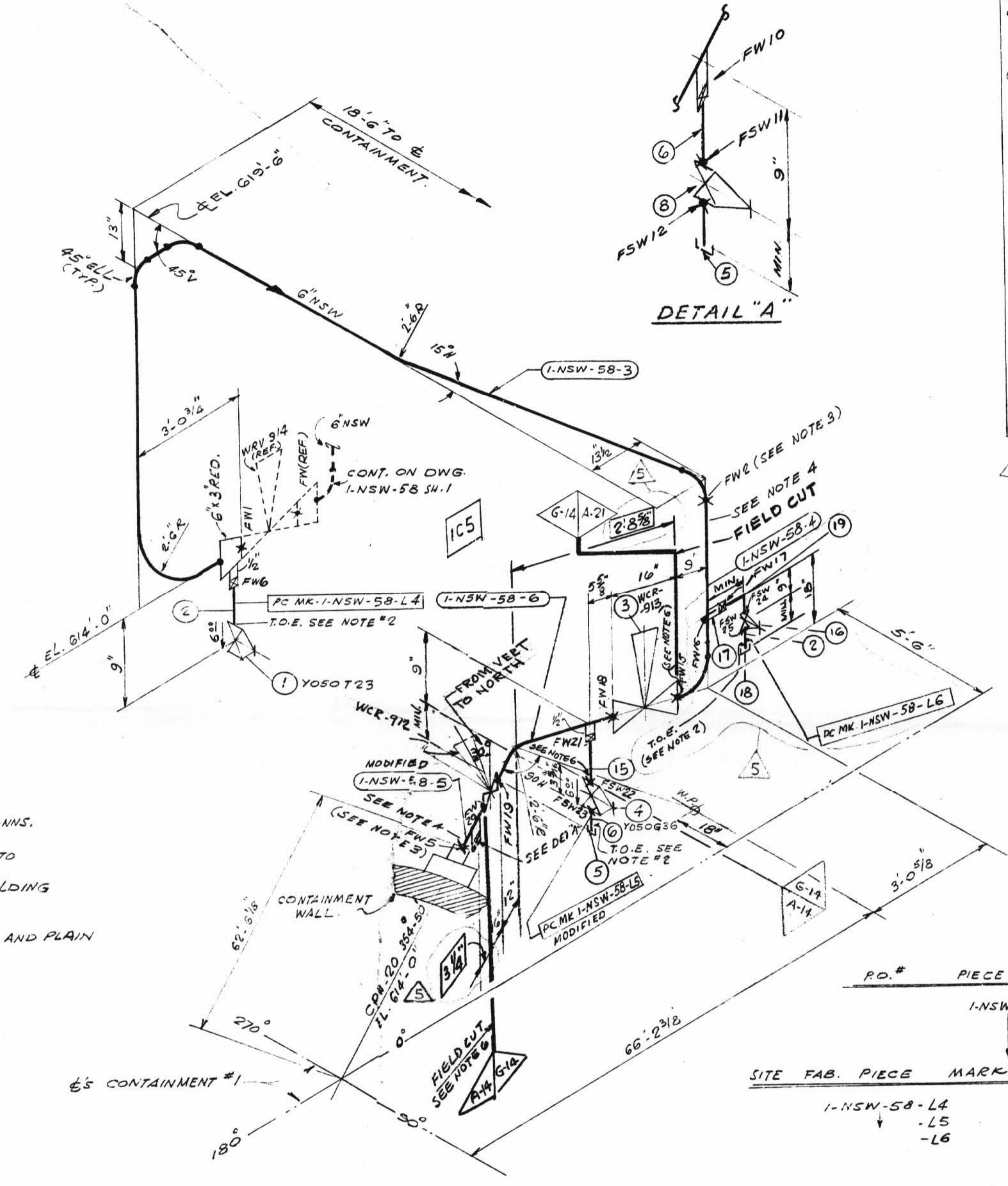


TOTAL FW 14

TOTAL FW FOR REV. 4 ONLY		
SIZE	QUAN.	FW
3"	2'-0"	4
1/2"	1'-0"	7

- NOTES:
- BUTTWELDS = RT-100% TESTING  
SOCKET WELDS = PT-100% TESTING
  - USE CRANE 425-A COMPOUND ON ALL THRD. CONNS.
  - FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PRE-ALIGNED AND ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS-BUILT CPN.
  - SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.
  - WELD PROCEDURE AS FOLLOWS:  
4/5 2" & UNDER - CS-1 OR CS-G  
4/5 2 1/2" & OVER - CS-1 OR CS-2
  - PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
  - REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE



MATERIAL 150 SH. No. 1857

OSL	ITEM	QTY	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT No.
01	1	1	1/2"	200# SCR'D GLOBE VA. BRONZE OR BRASS	Y050T23	
	2	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B.	
04	3	1	6"	B/W DIAPH. CONTROL VA. J.S.	WCR-913	
	4	1	1/2"	600# S.W. GATE VA. C.S.	Y050G36	
	5	2	1/2"	3000# SCR'D. C.S. CAP	A-181 GR. 1 OR 2	
	6	AS REQ'D	1/2"	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B.	
	7					
	8	1	1/2"	600# C.S. S.W. GLOBE VALVE	Y-050T36	
04	14	1	6"	B/W DIAPH. CONTROL VA. S.S.	WER-912	
	15	AS REQ'D	1/2"	PIPE (SCH. 40) SMLS 33	A-312 4R-TP-304	
01	16	1	1/2"	600# S.W. GATE VALVE C.S.	Y-050G36	
	17	1	1/2"	3000# C.S. HALF CPLG.	A-181 GR. 1 OR 2	
	18	1	1/2"	3000# C.S. THRD. CAP		
	19	1	1/2"	3000# S.W. 90° ELL. C.S.		

REV	DATE	DR	DESCRIPTION	REMARKS
1	7/19/75	P.C.A.	REVD.; ITEM #4 Y050436 WAS CY050436-REV'D. BY AEP.	NO ACTION REQ'D.
2	1-20-76	H.M.	REVISED BY A.E.P. DESIGN PER RFC-DC-12-671 TO REFLECT AS BUILT WHEN CHECK VALVE WAS ADDED	NO ACTION REQ'D.
3	2/12/78	H.B. LB	PER RFC #12-1430 DELETE ITEM (7) & ADDED ITEM (9) (10) (11) (12) (13) SEE DETAIL 'B'.	FIELD ACTION REQ'D.
4	1/13/82	A.G. DR.	PER RFC-DC-12-2549 ADDED PIPE SPEC. G-14. DIM'S. PCMK 616 FIELD WELD BOX. NOTES G & 7. FW 15 THRU 21, FSW 22 THRU 25. ITEM NOS 14 THRU 18 TO B/M. DELETED ITEM NOS 9 THRU 13 IN B/M. REVISED ITEM 3 IN B/M. MODIFIED PCMK'S 5 & 6.	FIELD ACTION REQ'D.
5	1/28/82	E.G. JM	PER RFC-DC-12-2549 BOXED DIMENSIONS INDICATE FIELD WELD. RELOCATED TEST CONN. & ADDED ITEM 19 TO B/M. PER FIELD	FIELD 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	

G-14 DESIGN SPEC. DCCPM 109 GEN.

HANGER SEISMIC CLASS I

TEST REQUIREMENTS QL 4

WELD PROCEDURE QSL 04 TESTING SEE NOTE 1

A-14 DESIGN SPEC. DCCPM 103 QCN

HANGER SEISMIC CLASS I

TEST REQUIREMENTS QL 4

WELD PROCEDURE QSL 04 TESTING SEE NOTE 1

A-21 DESIGN SPEC. DCCPM 102 QCS

HANGER SEISMIC CLASS II

TEST REQUIREMENTS QL N/A

WELD PROCEDURE QSL 01 TESTING N/A

DESIGN SPEC.	SEE	DESIGN	CODE	STAMP
DESIGN SPEC. DCCPM 103 QCN	DESIGN	DESIGN	CODE	STAMP

PIPE	FITTINGS	TESTING	ADDITIONAL
A-53 A-106 A-376 A-312	A-105 A-234 A-182	N.D.T. SEE DESIGN CODE STAMP	
STD. XY XXY 10 20 30 40 60 80 100 120 140 160	A-403 A-181	PRESSURE TEST	
SMLS WLD		MED. PRESS. DURATION	

N.P.S. DESIGNS

FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DHGS. 1-5427A

POUR/ZONE No. 105 FLOW DIAGRAM 1-5114A

REQUIRED COMPLETION DATE FABRICATED BY TUBECO WELD PROCEDURE CODE STAMP.

REVISION RECORD

LIVSEY & COMPANY, INC.

DONALD C. COOK NUCLEAR PLANT

DWN. S.G. DATE: 10/87/ CONTAIN. VICINITY

CDR: [Signature] DATE: 1/27/82 DWG. NO. 1-NSW-58

ISSUED 1-NSW-58

REF. DWG. 1-5497A SH. 2 OF 2

1NSW-58 (sheet 2 of 2)  
Lower Containment Ventilation  
Unit 4 Supply Line

D-07B