

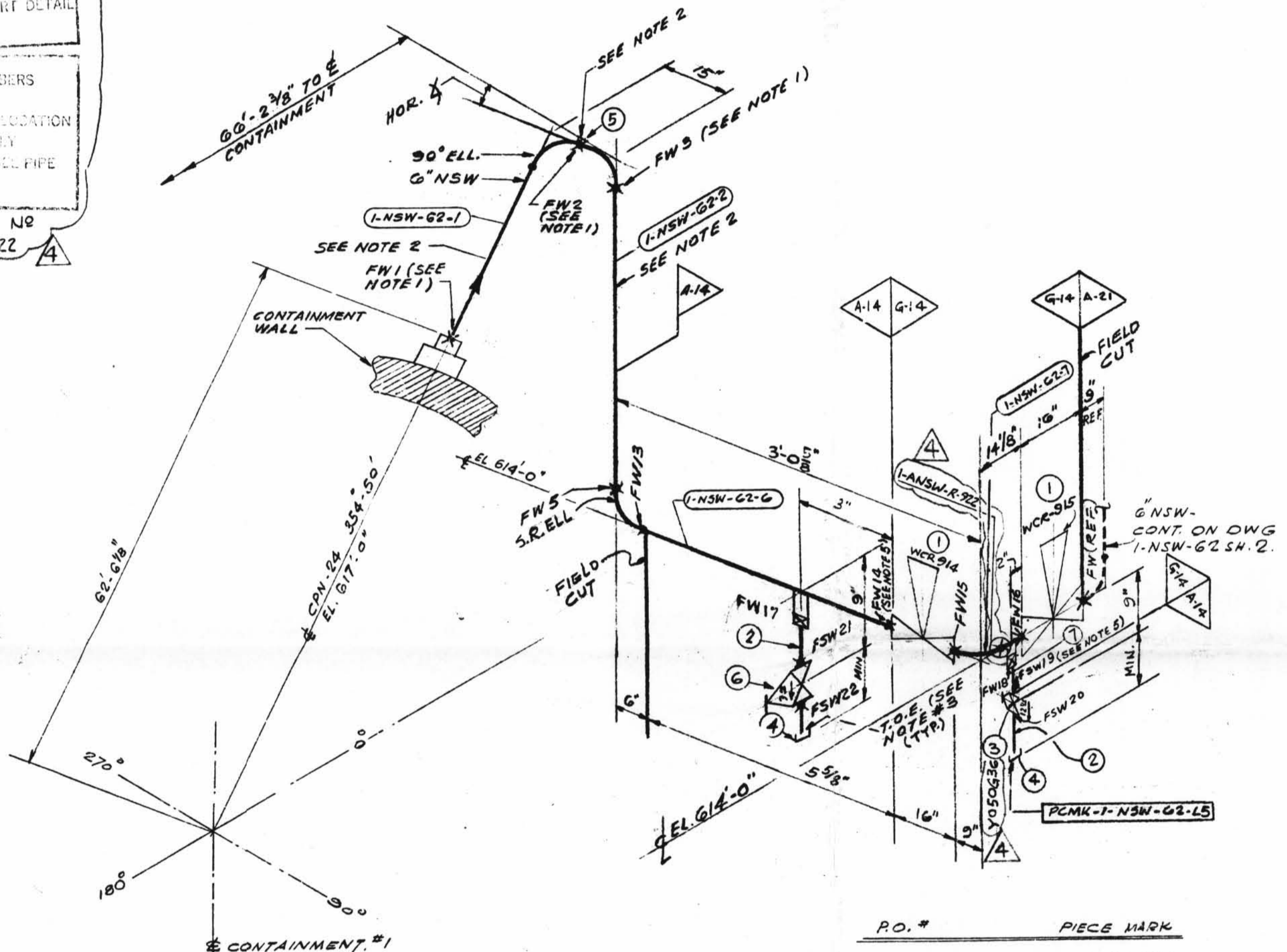
INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL REFERENCE ONLY. FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

HANGER MARK NO
1-ANSW-R-922

TOTAL FW 12

TOTAL FW ID	FOR REV 2 ONLY	SIZE	QUAN	FW
6"	1'	4		
1/2"	2'	6		



- NOTES:
- 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 CON.
 - SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE & PLAIN END TO FACILITATE INSTALLATION.
 - USE CRANE 425-A COMPOUND ON ALL THREADED CONNECTIONS
 - BUTT WELDS = RT-100% TESTING
SOCKET WELDS = PT-100% TESTING
 - PROVIDE BI-METALLIC WELDS (STAINLESS STEEL-CARBON STEEL)
 - REMOVE BONNET ASSEMBLY BEFORE WELDING VALVE BODY TO PIPE LINE

G-14 DESIGN SPEC. DCCPM 103 GCN
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL 4
WELD PROCEDURE QSL 04 TESTING SEE NOTE 4

DESIGN SPEC.	DCCPM 103 GCN
HANGER SEISMIC CLASS	I
TEST REQUIREMENTS	QL 4
MATERIAL CLASS	A-14 SPEC 104

PIPE	FITTINGS	TESTING	ADDITIONAL
A-33 A-106 A-376 A-312	A-105 A-234 A-182	N.D.T.	
STD. XY XZY 10 20 30 40 60 80 100 120 140 160	A-403 A-181	MT. P.T. RT. UT.	
SMLS WELD		PRESSURE TEST	
		MED. PRESS. DURATION	

MATERIAL 150 SH. No. 1322

QSL	ITEM	QTY	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L	HEAT No.
04	1	2	6"	B.W. DIAPH. CONTROL VA. S.S.	WCR-918	
	2	1	1/2"	PIPE (SCH. 80) SMLS. C.S.	AWG GRB	
	3	1	1/2"	C.S. SW GATE VALVE	Y050936	4
	4	2	1/2"	3000# C.S. SEC'D. CAP	AWG X	
	5	2	6"	S.R. 90° ELL. BW SCH 40 C.S.		
	6	1	1/2"	600# C.S. S.W. GATE VA.	Y050936	
	7	1	1/2"	PIPE (SCH. 40S) SMLS S.S.	A-312 QRTP 304	

REV. DATE	DR. CHK.	DESCRIPTION	REMARKS
1/20/76	H.M.	REVISED BY A.E.P. DESIGN PER RFC-DC-12-671 TO REFLECT AS BUILT WHEN REGULATING VA. WAS ADDED.	NO ACTION REQ'D.
1/13/82	A.G. E.J.G.	DER RFC-DC-12-2549 ADDED PIPE SPEC. G-14, PCMK 1, G, 7 L & L5, FIELD WELD BOX, HANGERS 4, 5 & 6, FW 13 THRU 18, FSW 19 THRU 22, ITEM NO'S G & 7 TO B/M. REVISED ITEM NO. 1 & 4 B/M, RELOCATED PCMK-1-NSW-62-15	FIELD ACTION REQ'D.
1/28/82	H.B. J.M.	PER RFC DC-12-2549 REVISED H.W. LOC. DN ITEM #3.	FIELD ACTION REQ'D.
5/11/86	D.W. J.M. L.B.	PER RFC-DC-12-2576 REV'D VALVE TYPE, ADDED SUPPORT MARK NOS, SUPERSEDED HGR 150 1-NSW-62 SHT 1. ALL ABOVE TO REFLECT AS-BUILT COND.	NO 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	

POUR/ZONE No. 105 FLOW DIAGRAM 1-5114A
REQUIRED COMPLETION DATE O.S.L. 04
FABRICATED BY TUBECO WELD PROCEDURE S-1 or CS-2

NO.	DATE	DESCRIPTION
1	1/27/87	ISSUED

1NSW-62 (sheet 1 of 2)
Lower Containment Ventilation
Unit 4 Return Line

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

DWN: J.G. DATE: 1/27/87 CONTAIN. VICINITY
CRD: LTB DATE: 1/27/87 DWG. NO.
ISSUED 1-NSW-62 4
REF. DWG. 1-54974 SH. 1 OF 2