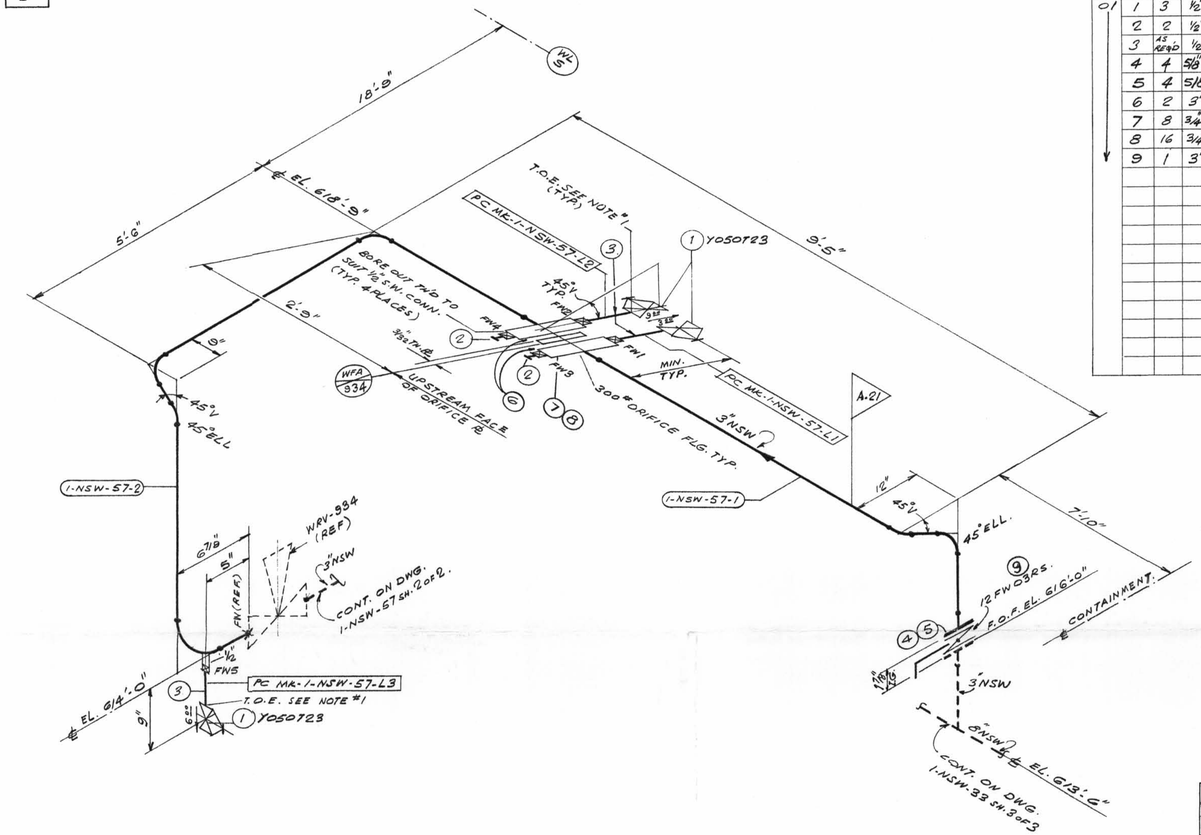
TOTAL FN 5



QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
				MATERIAL 150 SH. No. 1317		
01	1	3	1/2"	200# SCRD GLOBE VA. BRONZE OR BRASS	Y050723	
	2	2	1/2"	C.S. S.W. PLUG 3000#	A-181 GR. I OR II	
	3	AS REQD	1/2	PIPE (SCH. 80) SMLS C.S.	A-106 GR. B	
	4	4	5/8"φ	5" LG. HEX. HD. MACH. BOLTS	A.307 GR. B	
	5	4	5/8"	HEAVY HEX. NUT CL. 2 TOL.	A.307 GR. B	
	6	2	3"	1/8" THK. SPIRAL WOUND FLEXITALLIC GASKET STYLE CG TYPE 304		
	7	8	3/4"φ	4 1/2" LG. STUD BOLTS	A-193 GR. B7	
	8	16	3/4"	HEAVY HEX. NUT.	A-194 GR. 2H	
	9	1	3"	125# C.I WAFFER BUTTERFLY VA	12FW03RS	

P.O. #	PIECE MARK
	1-NSW-57-1
	-2

SITE	FAB. PIECE MARK
	1-NSW-57-L1
	-L2
	-L3

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	

NOTE

1. USE CRANE 425-A COMPOUND ON ALL TWO CONNECTIONS
2. WELD PROCEDURE AS FOLLOWS:
   c/s 2" & UNDER - CS-1 OR CS-6
   c/s 2 1/2" & OVER - CS-1 OR CS-2

N.P.S. DESIGNS

FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS, 1-5497A

DESIGN SPEC.	DCCPM 102 QCS
HANGER SEISMIC CLASS	II
TEST REQUIREMENTS	N/A.
MATERIAL CLASS	A-21 SPEC 104

W.P. = WORKING POINT
T.O.E. = THREAD ONE END
T.B.E. = THREAD BOTH ENDS
B.O.E. = BEVEL ONE END
T.O.P. = TOP OF PIPE ELEV.
Q.S.L. = MATERIAL QUALITY REQUIREMENTS
T.L. = TRUE LENGTH
B.B.E. = BEVEL BOTH ENDS
P.O.E. = PLAIN ONE END
P.B.E. = PLAIN BOTH ENDS
S.O.E. = SHAPE ONE END
B.O.P. = BOTTOM OF PIPE ELEV.
FW = FIELD WELD
H = HORIZONTAL
V = VERTICAL
SW = SHOP WELD
FSW = FIELD SHOP WELD
■ = FIELD WELD
O = AUTOMATIC SHOP WELD
● = MANUAL SHOP WELD
■ = VERIFY DIMENSION IN FIELD

PIPE														FITTINGS			TESTING					ADDITIONAL
A-53		A-106		A-376		A-312								A-105	A-234	A-182	N.D.T. N/A.					
	GR. B.																M.T.	P.T.	R.T.	U.T.		
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160										
						X								A-403	A-181		PRESSURE TEST					
SMLS		WLDD															MED.		PRESS.		DURATION	
X																						

POUR/ZONE No. 1C5 FLOW DIAGRAM 1-2-5114A
REQUIRED COMPLETION DATE _____ O.S.L. 01
FABRICATED BY TUBECO WELD PROCEDURE SEE NOTE 2

REVISION RECORD		
NO.	DATE	DESCRIPTION

1NSW-57 (sheet 1 of 2)
Upper Containment Ventilation
Unit 4 Supply Line

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

DWN. S.G.	DATE 10-7-71	CONTAIN. VICINITY	
CKD. DB	DATE 11-12-71	DWG. NO.	
ISSUED		1-NSW-57 SH. 1 OF 2.	
REF. DWG. 1-5497A			

D-08A