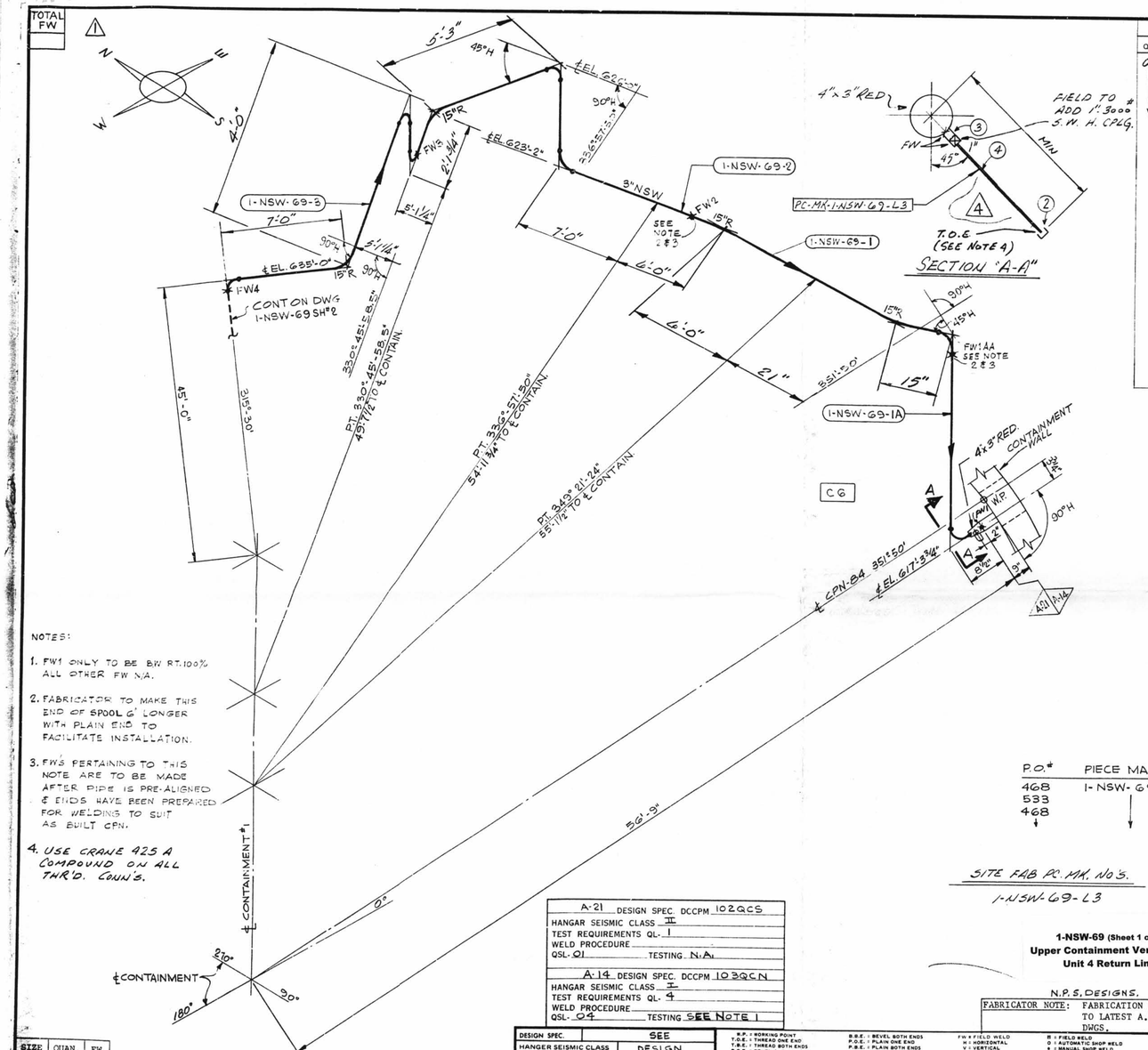
TOTAL FW



SECTION "A-A"

NOTES:

1. FW1 ONLY TO BE B/W RT. 100% ALL OTHER FW N/A.
2. FABRICATOR TO MAKE THIS END OF SPOOL 6' LONGER WITH PLAIN END TO FACILITATE INSTALLATION.
3. FW'S PERTAINING TO THIS NOTE ARE TO BE MADE AFTER PIPE IS PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS BUILT CPN.
4. USE CRANE 425 A COMPOUND ON ALL THR'D. CONN'S.

MATERIAL ISO SH. NO 1394

QSL	ITEM	QTY.	SIZE	DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01						4
	2	1	1"	3000# THR'D C.S. CAP	A-181 GR. I OR II	
	3	1	1"	3000# S.W. C.S. H CPLG.		
	4	AS REQD	1"	PIPE (SCH 80) SMLS. C.S.	A-106 GR. B	

REV.	DATE	DR. CHK	DESCRIPTION	REMARKS
1	12/1/71	SG GN	RELEASED PIPING AT CPN. ADDED: FW1AA; PC MK 1A; P.O.#; DESIGN CODE STAMP; NOTES 2&3; TOTAL NO. OF FW; REVISED: WELD PROCEDURE. PER DWG 1-5489A	FIELD ACTION REQD / FAB ACTION REQD
2	1/2/73	RJG LGR	ADDED: SECTION "A-A" PC-MK-1-NSW-69-L3, NOTE 4, ITEMS 1 THRU 4 IN BIM, 2" DIM. DELETED WELD PROCEDURE PER DWG. 1-5489A-3	FIELD ACTION REQD / —
3	1/11/74	LGR RJG	ADDED: DIMS: 4'-0", 7'-0", 6'-1 1/4", 2'-1 3/4", 6'-0", 21", 1'-3", 3'-3", DIM. 5'-1 1/4 WAS 5'-0 3/4", 49'-7 1/2" WAS 49'-6", 54'-1 3/4" WAS 55'-1 1/2" PER AS BUILT DIMS A.E.P. DWG. #1-5489A-4	NO ACTION REQ'D.
4	3/4/77	Hmc	AS PER RFC-DC-01-2007 REMOVED VA. FROM SECTION A-A	

D-56A

P.O.#	PIECE MARK
468	1-NSW-69-1
533	-1A
468	-2
	-3

SITE FAB PC. MK. NO'S.

1-NSW-69-L3

1-NSW-69 (Sheet 1 of 2)
Upper Containment Ventilation
Unit 4 Return Line

N.P.S. DESIGNS.

FABRICATOR NOTE: FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

LABOR COST CONTROL	
USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G – X-RAY	
STRESS RELIEVE	
MISC. WORK	

LABOR COST CONTROL	
USE ONLY WITH	
PIPE SIZE	
SCHEDULE	
TYPE	
ISO START DATE	
ISO FINISH DATE	
WORK OPERATION	LINE ITEM NUMBER
HANGER INST.	
ERECT	
WELD	
RADIO-G – X-RAY	
STRESS RELIEVE	
MISC. WORK	

A-21 DESIGN SPEC. DCCPM	102QCS
HANGAR SEISMIC CLASS	II
TEST REQUIREMENTS QL-	1
WELD PROCEDURE	
QSL- 01 TESTING	N.A.
A-14 DESIGN SPEC. DCCPM	103QCN
HANGAR SEISMIC CLASS	I
TEST REQUIREMENTS QL-	4
WELD PROCEDURE	
QSL- 04 TESTING	SEE NOTE 1

SIZE	QUAN.	FW
4"	—	1
3"	60'	4
1"	1'	2

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP

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

F = FIELD WELD
O = AUTOMATIC SHOP WELD
M = MANUAL SHOP WELD
# = VERIFY DIMENSION IN FIELD

PIPE

A-53	A-106	A-376	A-312
	GR. B		

STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160
						X						

SMLS	WLDD
X	

FITTINGS

A-105	A-234	A-182
A-403	A-181	

TESTING

N.D.T. SEE DESIGN CODE STAMP

M.T.	P.T.	R.T.	U.T.

PRESSURE TEST

MED.	PRESS.	DURATION

ADDITIONAL

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

FLOW DIAGRAM 1-2-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

REVISION RECORD

NO.	DATE	DESCRIPTION

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

DWN. LGR	DATE 7-28-71	CONTAINMENT BLDG	
CKD. GN	DATE 7-31-71	DWG. NO. 1-NSW-69 SH 1 OF 2	REV 4
ISSUED			
REF. DWG. 1-5489A			