

MATERIAL CLASSIFICATION					
CODE	DESCRIPTION	SIZE	CODE	DESCRIPTION	SIZE
W-1	PIPE	24" SCH 40	PI-D	PIPE	24" SCH 40
F-1	FITTINGS	A-254	FI-A	FITTINGS	A-254
J-1	JOINTS	J-1	J-1	JOINTS	J-1
FL-1-1P	FLANGES	FL-1-1P	FL-1-1P	FLANGES	FL-1-1P
B-1	BOLTS	B-1	B-1	BOLTS	B-1
G-1	GASKETS	G-1	G-1	GASKETS	G-1

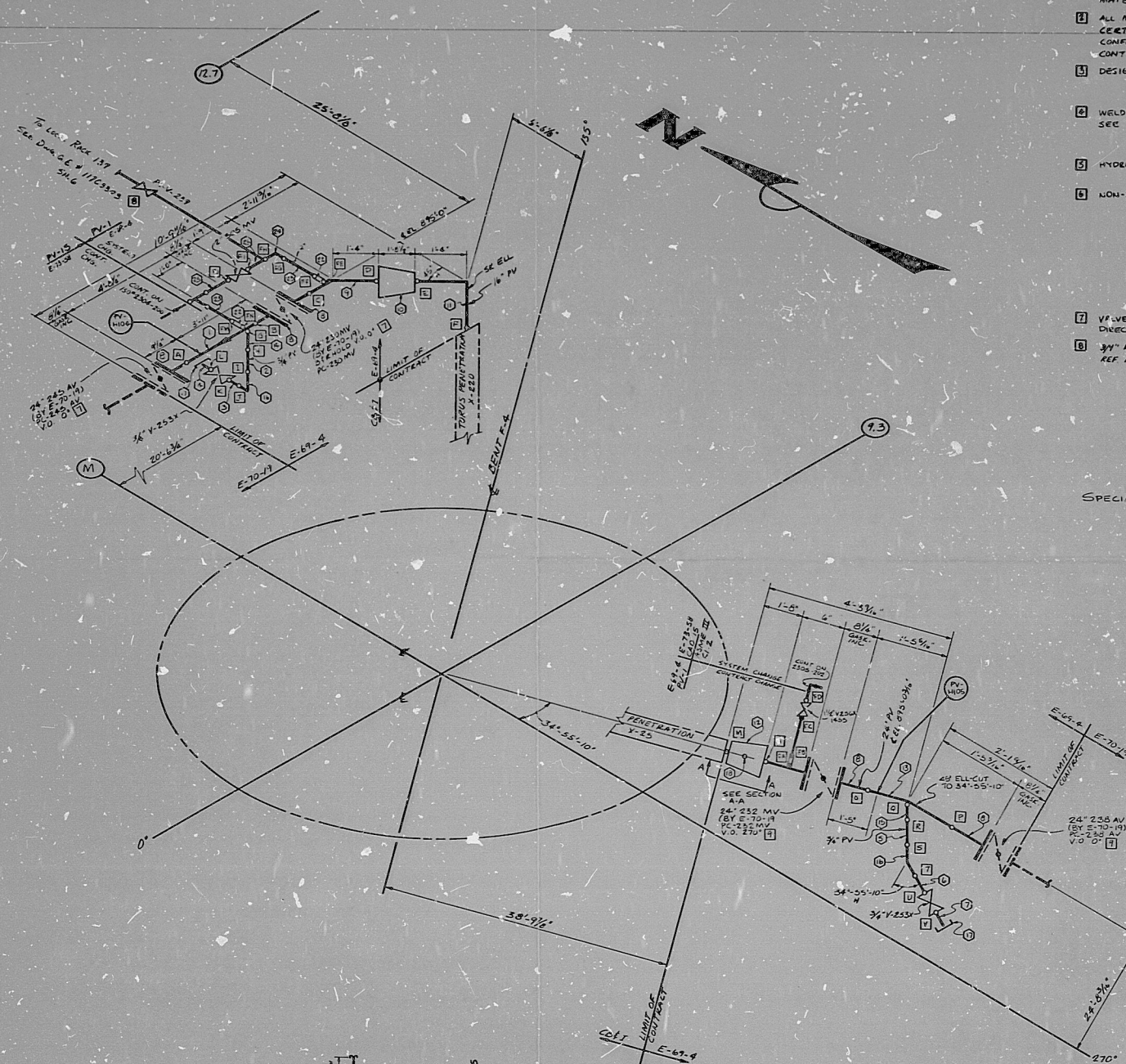
MATERIALS: CARBON STEEL					
WELD NUMBER	JOINT TYPE	WELD TYPE	PIPE SIZE	WAL. THK.	REMARKS
RCD-755-1A	J-1	AW	24"	.375	SOCKET WELD
B					
C					
D					
E					
F					
G	AW		24"	.375	SOCKET WELD
H	SW		24"	.375	
I					
J					
K					
L					
M	J-1	AW	24"	.375	SOCKET WELD
N					
O					
P					
Q	AW		24"	.375	SOCKET WELD
R	SW		24"	.375	
S					
T					
U					
V					
W	AW		24"	.375	SOCKET WELD
X	SW		24"	.375	
Y					
Z					

PIPE					
MARK NO.	QTY	SIZE	SCH	TYPE	MATERIAL I.D. NO.
1	1	24"	40	A-105	B
2	1	3/4"	40	A-105	F
3	1	3/4"	40	A-105	F
4	1	3/4"	40	A-105	F
5	1	3/4"	40	A-105	F
6	1	3/4"	40	A-105	F
7	1	3/4"	40	A-105	F
8	1	3/4"	40	A-105	F
9	1	3/4"	40	A-105	F
10	1	3/4"	40	A-105	F
11	1	3/4"	40	A-105	F
12	1	3/4"	40	A-105	F
13	1	3/4"	40	A-105	F
14	1	3/4"	40	A-105	F
15	1	3/4"	40	A-105	F
16	1	3/4"	40	A-105	F
17	1	3/4"	40	A-105	F
18	1	3/4"	40	A-105	F
19	1	3/4"	40	A-105	F
20	1	3/4"	40	A-105	F

FLANGE					
MARK NO.	QTY	SIZE	SCH	TYPE	MATERIAL I.D. NO.
B	1	24"	40	RF	J-4

FITTINGS								
MARK NO.	QTY	SIZE	SCH	DESCRIPTION	SPEC	GR	END PREP	MATERIAL I.D. NO.
Q	1	24"	SFD	45° WELD BELL	A-254	H70	J-4	
10	1	24" X 16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
11	1	16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
12	1	24" X 16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
13	1	16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
14	1	24" X 16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
15	1	24" X 16"	SFD	CONC. WELD REDUCER	A-254	H70	J-4	
16	2	3/4"		SOCKET WELD	A-105	H70	J-1	
17	2	3/4"		SOCKET WELD	A-105	H70	J-1	
18	1	1/2"		SOCKET WELD	A-105	H70	J-1	
19	2	3/4"		SOCKET WELD	A-105	H70	J-1	
20	2	3/4"		SOCKET WELD	A-105	H70	J-1	

MATERIALS: CARBON STEEL					
WELD NO.	JOINT TYPE	WELD TYPE	PIPE SIZE	WAL. THK.	REMARKS
FE-1	J-1	AW	24"	.375	SOCKET WELD
FE-2	J-1	AW	24"	.375	SOCKET WELD



- GENERAL NOTES:**
- MATERIALS SPECIFICATIONS PER CONTRACT 2-61-6 MATERIAL SPECIFICATIONS CODE TABLES.
 - ALL MATERIALS, FABRICATION, INSPECTION, INSTALLATION, CERTIFICATIONS, RECORDS AND ALL OTHER REQUIREMENTS CONFORM TO SPECIFICATIONS E-1-1-6 AND ALL APPENDIX AND CONTRACT CHANGES THERE TO.
 - DESIGN CONDITIONS: PRESS: 75 PSIG TEMP: 300° F
 - WELDING PROCEDURES AND END PREPARATIONS FOR FIELD WELDS SEE WELDING PROCEDURES (END PREPARATIONS) PAGE 1, ITEM I
 - HYDROSTATIC TEST: 112 PSIG
 - NON-DESTRUCTIVE TEST REQUIREMENTS: I. VISUAL-100% ALL WELDS II. MAGNETIC PARTICLE OR LIQUID PENETRANT-100% (A) ALL FILET & SOCKET WELDS (B) ALL SEAL WELDS (C) ALL BRANCH CONNECTIONS 4" & SMALLER (D) ALL ATTACHMENT WELDS III. RADIOGRAPH-100% (A) ALL BUTT WELDS (B) ALL BRANCH CONNECTIONS OVER 4"
 - VALVE ORIENTATION: ALL VALVE FRONT TOP LOCKING IN SAME DIRECTION OF FLOW. NORTH IS 0° ON VERTICAL PIPE.
 - 3/4" ANGLE GROOVE 1500 PSI VALVE CARBON STEEL REF. 1700 20-100 CLASS II N.

- SPECIAL NOTES:**
- COMPLETE FIELD FABRICATION. ALL WELDS TO BE MADE INSIDE THE BUILDING.
 - ALL PIPING MATERIALS ON THIS DRAWING TO BE AS INDICATED ON RCD-755.
 - BACKING RINGS ARE PERMITTED.
 - CLEANLINESS SHALL BE WORK TO CLASS II CLEANLINESS CONDITION PER TIG WELDS.
 - THE INTERIOR SURFACES OF ALL PIPING IF A LUBRICANT SHALL BE PROPERLY PREPARED IN ACCORDANCE WITH PAINT MANUFACTURER'S RECOMMENDATION IF GIVEN A PRIME COAT OF ZINC-RICH AS MANUFACTURED BY THE FABRICATOR'S COMPANY INTERIOR SURFACES OF WELDS SHALL BE TOUCHED UP AFTER WELDS HAVE BEEN INSPECTED.
 - ALL WELDS SHALL CONFORM TO USAS B31.7 'NUCLEAR PIPING' CLASS II REQUIREMENTS.

PRC APERTURE CARD

454014445

INFORMATION ONLY
JUL 16 1982
N.P.P.D., R.A.D.

SCALE	DATE
DRAWN BY	FILE NO.
CHECKED	APPROVED
BY	FOR
PV VENTILATION SYSTEMS PIPING	
REACTOR BLDG	
CLASS II N PIPING	
WAL. THK. 24" X 16" 40	
24" X 16" 40	
RCD-755-1	
CLASS IS SEISMIC	

JUNE 23, 1982 N.P.P.D.

8207290343

17"

17"

RIDS

8207290343

