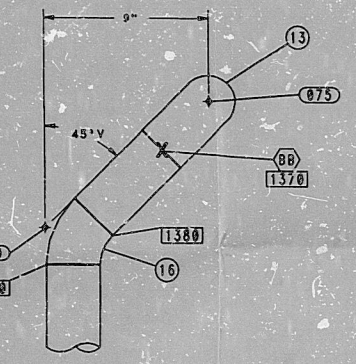
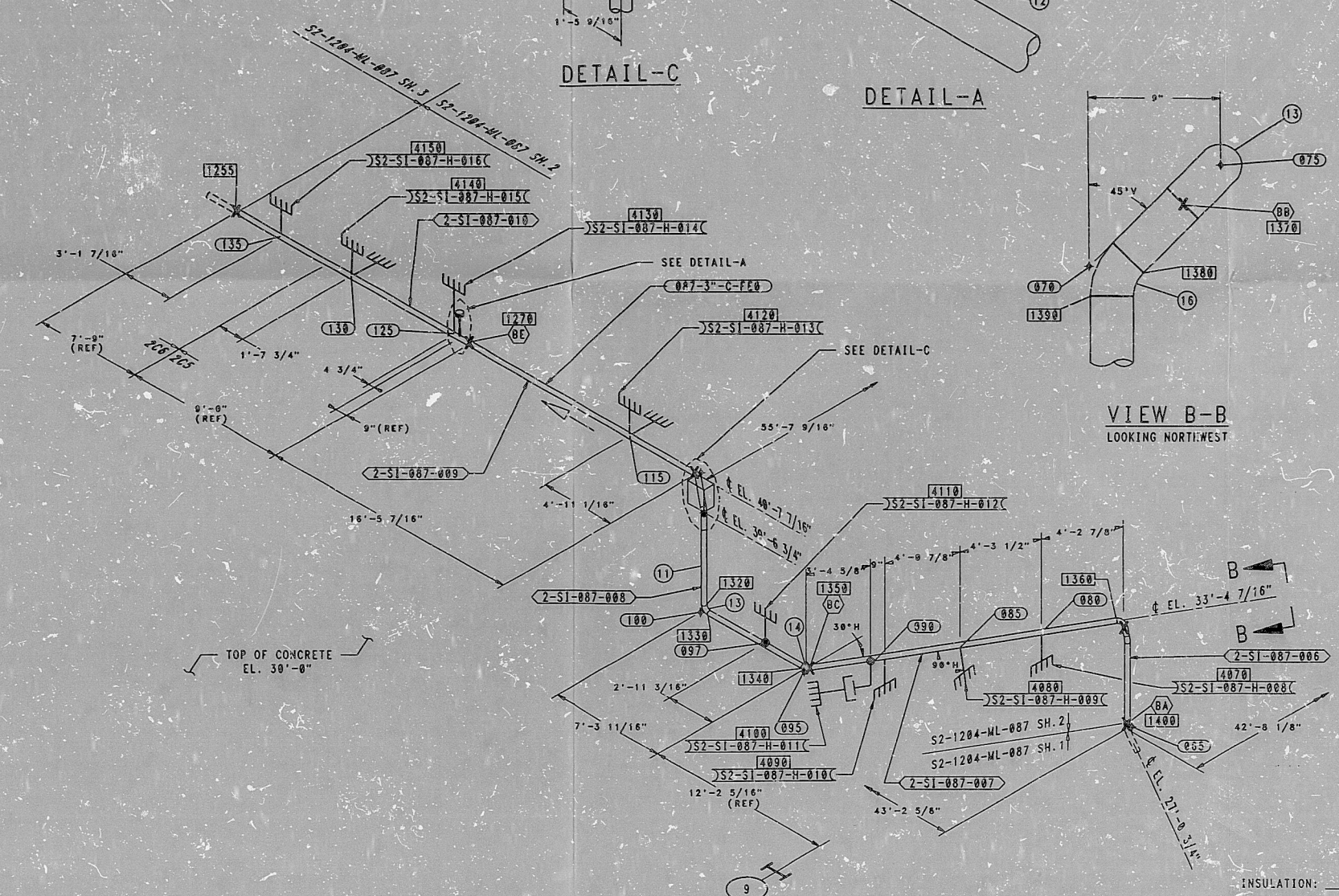
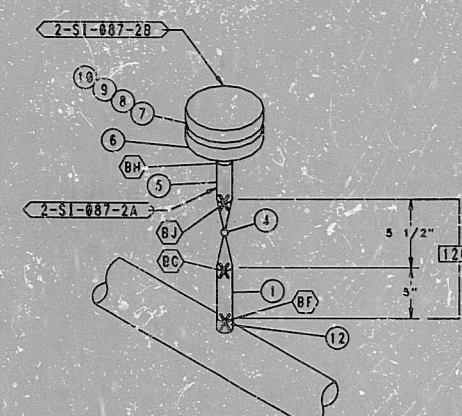
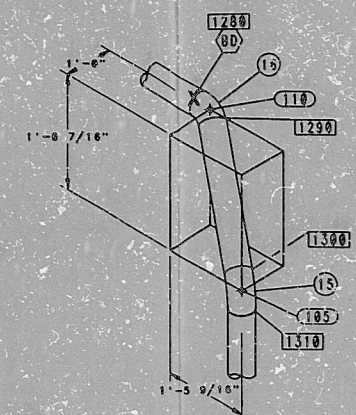
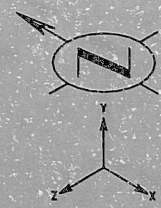




BILL OF MATERIALS						
ITEM NO.	QTY.	SIZE	DESCRIPTION	VLV ORIN	ASME	GRD
1	1	3/4"	NIPPLE 5" LG. (B8E) SCH. 160		SA376	TP316
4	1	3/4"	S2-1204-MR-181-C-334-N (BW)	0°	SA182	F316
5	1	3/4"	NIPPLE 5" LG. (B8E) SCH. 160		SA376	TP316
6	1	3/4"	FLANGE 1500# R.F. W.N.		SA182	F316
7	1	3/4"	BLIND FLANGE 1500# R.F.		SA182	F316
8	1	3/4"	GASKET FLEX. 1500# CG-CA-304SS			
9	4	3/4"	STUD BOLT 4 1/2" LG.		SA193	B7
10	8	3/4"	HEX NUT		SA194	2H
11	72L/F	3"	PIPE SMLS SCH. 160		SA376	TP316
12	1	3/4"	WELDOLET SCH. 160		SA403	WP316
13	2	3"	90° ELL. SCH. 160 (BW)		SA403	WP316
14	1	3"	60° ELL. SCH. 160 (BW)		SA403	WP316
15	1	3"	59°-05' ELL. SCH. 160 (BW)		SA403	WP316
16	2	3"	45° ELL. SCH. 160 (BW)		SA403	WP316

VALVE/IN-LINE COMPONENT C.G. LOCATION DATA (INCHES)										
UPSTREAM D. P.	DOWNSTREAM D. P.	D. P. "B"	Δ X1	Δ Y1	Δ Z1	D. P. "C"	Δ X2	Δ Y2	Δ Z2	

- NOTES:
- 1 - FOR LEGEND, STANDARD SYMBOLS AND VALVE ORIENTATION DESCRIPTION SEE DRAWING 41376.
 - 2 - PREFIX FOR ISI INSPECTION AREA NUMBERS IS 02-069-XXX UNLESS OTHERWISE NOTED.

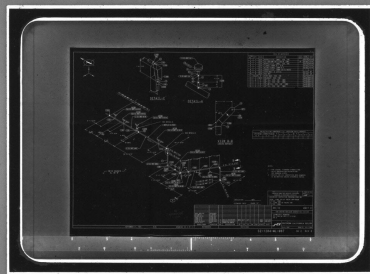
INSERVICE INSPECTION PROGRAM ZONE 69
FROM: LINE 163 AT VALVE 2HV-9420
SYSTEM: 1204
TO: LINE 167 AT VALVE 150
SYSTEM: 1204

DRAWING NUMBER	DESCRIPTION	NO	DESCRIPTION	RE	IRE	GS	DM	CHK	OTHER	DATE
48125 (C-3)	PIPING PLAN	6	ADD ISI DESIGNATORS	BA5	ba	002				09/11/93
48125 (C-5, B)	PIPING PLAN	5	CONVERTED TO CTRIA.							06/12/93
48125 (C-3)	PIPING PLAN	4	ISSUED FOR CONSTRUCTION							

QC II UNIT 2
SAN ONOFRE NUCLEAR GENERATING STATION
ISOMETRIC DRAWING
S2-1204-ML-087-3"-C-FE0
SH. 2
SOUTHERN CALIFORNIA EDISON
Scale: NONE DRAWN BY: B.M. OYAMA

PDR RIDE.

9401060393



9401060393