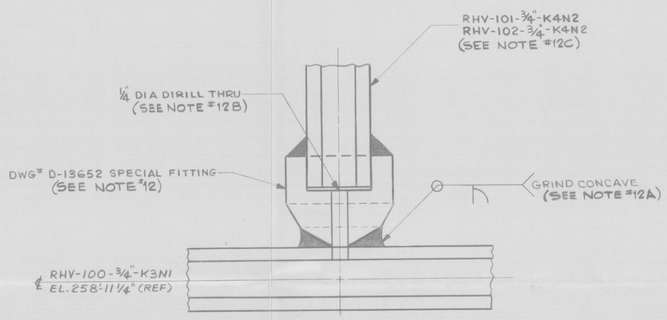
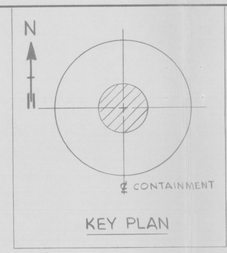
08801

A-13651

PLAN @ EL. 252'-6" & ABOVE
SCALE: 3/8" = 1'-0"



DETAIL 2 51 51
SCALE: FULL
TYP. 2-PLACES
(SEE NOTE #12)



KEY PLAN

NOTES:

1. DIMENSIONS NOTED AS "REFERENCE" DIMENSIONS ARE INTENDED TO DEFINE EXISTING PLANT FEATURES AND ARE FOR INFORMATION ONLY.
2. DIMENSION NOTED AS "APPROXIMATE" MAY BE VARIED TO SUIT.
3. UNLESS OTHERWISE NOTED, ALL DIMENSIONS (OTHER THAN "REFERENCE" OR "APPROXIMATE") SHALL BE HELD WITHIN THE FOLLOWING LIMITS

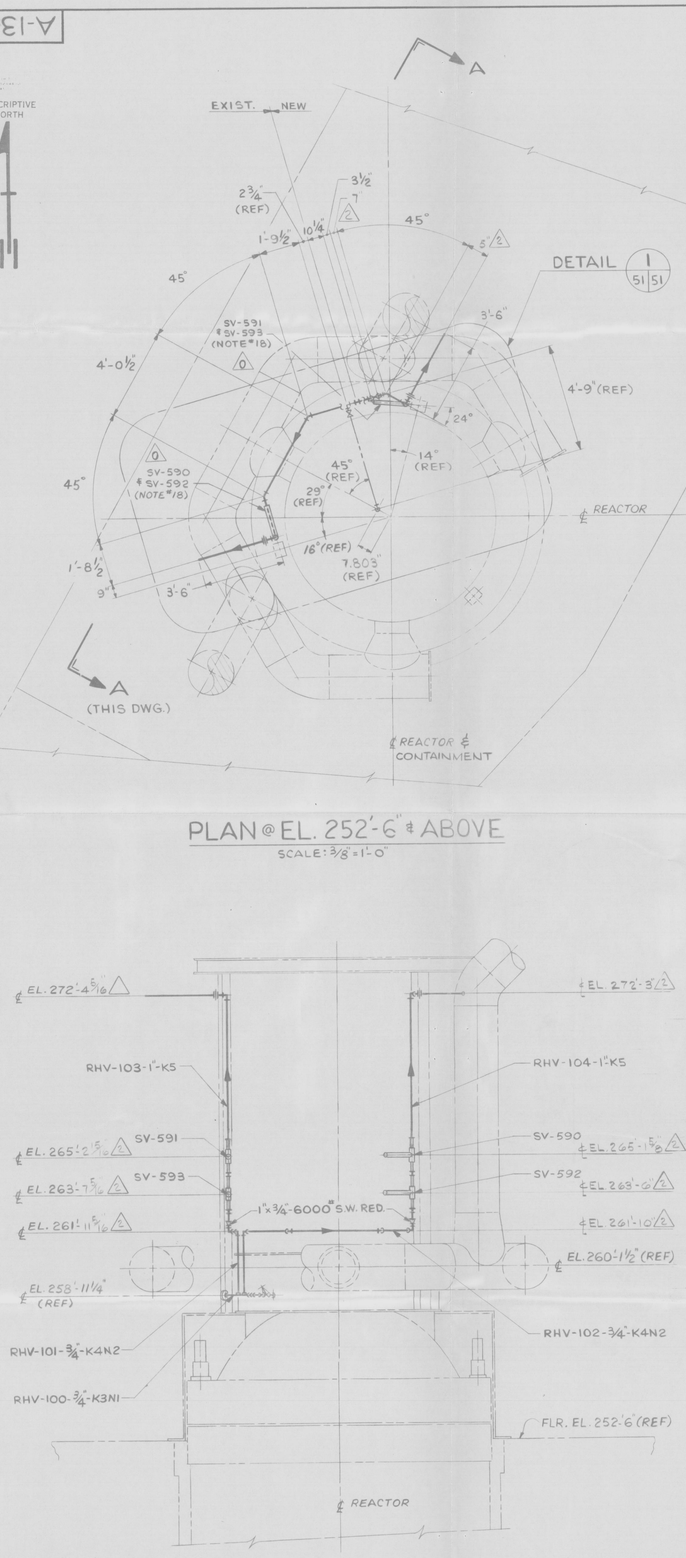
DIMENSION	ALLOWABLE DEVIATION
2'-0" OR LESS	± 1"
GREATER THAN 2'-0"	± ½" PER FOOT

4. UNLESS OTHERWISE NOTED, HORIZONTAL RUNS OF PIPE SHALL BE KEPT HORIZONTAL TO WITHIN 1/16" PER FOOT OF RUN OR 1/4 OF THE NOMINAL PIPE SIZE WHICHEVER IS LESS. IF A SLOPE IS SPECIFIED, THE SPECIFIED SLOPE SHALL BE CONSIDERED A MINIMUM. THIS NOTE DOES NOT APPLY IF BOTH ENDS OF THE PIPE CONNECT TO EXISTING EQUIPMENT OR PIPE.
5. RISERS SHALL BE KEPT TO WITHIN 1/16" OF THE VERTICAL PER FOOT OF VERTICAL LENGTH.
6. ALL MATERIALS TO BE IN ACCORDANCE WITH CATALYTIC, INC. SPECIFICATION 37276-1300-00-7B
7. ALL FABRICATION AND ERECTION OF PIPING TO BE IN ACCORDANCE WITH CATALYTIC, INC. SPECIFICATION 36720-1300-7G
8. ALL PIPE CAPS TO BE THREADED
9. *DENOTES 3" LONG NIPPLE
10. **DENOTES 6" LONG NIPPLE
11. LINE NUMBER LEGEND

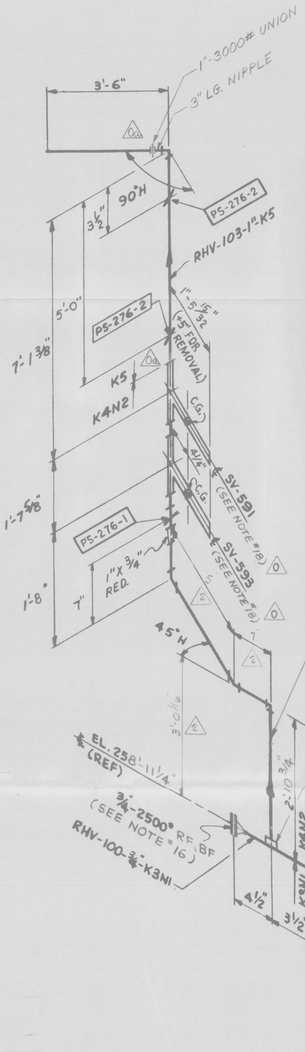
X-XXX-X"-(XX)
- SPECIFICATION
- SIZE
- SEQUENTIAL NUMBER (OPTIONAL)
- SERVICE DESIGNATION (OPTIONAL)

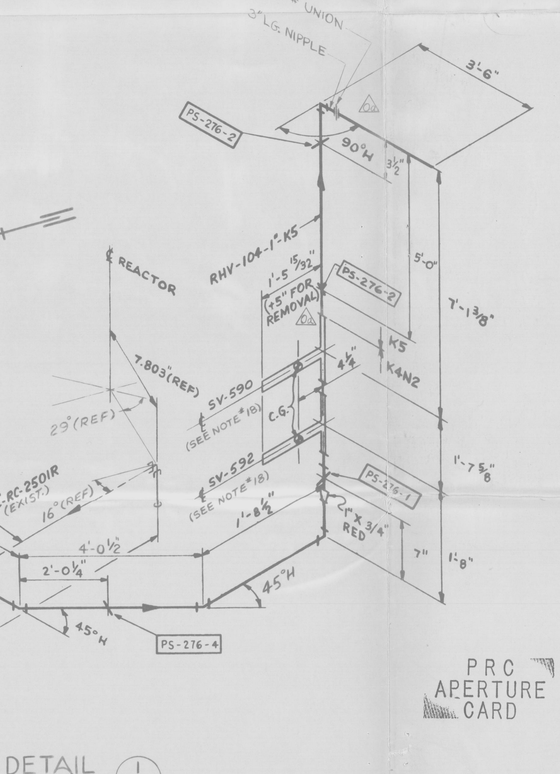
EXAMPLE G-101-1"-GIN2

12. SEQUENCE OF CONSTRUCTION FOR DETAIL #2.
    A. WELD SPECIAL FITTING'S DWG# D-13652 TO LINE# RHV-100-¾"-K3N1 AS SHOWN.
    B. DRILL OUT ⅛" PILOT HOLES TO ¼" DIA DRILL THRU SPECIAL FITTINGS DWG# D-13652 ℄ TOP OF LINE RHV-100-¾"-K3N1 AS SHOWN.
    C. WELD LINE# RHV-101-¾"-K4N2 & RHV-102-¾"-K4N2 IN SOCKET OF SPECIAL FITTINGS DWG# D-13652 AS SHOWN.
13. ALL INSTALLED PIPING SHALL MEET THE CLEANLINESS REQUIREMENTS OF ANSI-N-45.2.1 CLASS C.
14. MODIFICATIONS SHOWN ARE SEISMIC CATEGORY I AND REQUIRE A 10CFR50 APPENDIX B QUALITY ASSURANCE PROGRAM.
15. REFERENCE DWG'S (CATALYTIC INC. DWG'S)
    A. PIPE SUPPORT DWG#'S C-18651, C-18652, C-18653, & C-18654
    B. PIPE SPECIAL FITTING DWG# D-13652.
16. THE 8-¾" NUTS FOR THE ¾"-2500# FLANGE CONNECTION SHOWN SHALL BE EITHER ASME SA-194 GRADE 6 (OUT OF SPEC) OR ASME SA-453 GRADE 660 (IN SPEC).
17. ALL FABRICATION AND ERECTION OF PIPE SUPPORTS TO BE IN ACCORDANCE WITH CATALYTIC, INC. SPECIFICATION 36720-1300-77.
18. ORIENTATION OF OPERATORS FOR VALVES SV-590, SV-591, SV-592, AND SV-593 SHALL BE AS SHOWN IN PLAN.
19. PIPE SHALL BE HYDROSTATIC TESTED IN ACCORDANCE WITH CATALYTIC, INC SPEC 37276-1300-00-81



SECTION A-A
SCALE: 3/8" = 1'-0"
(THIS DWG)





DETAIL 1 51 51
SCALE: NONE

PRC APERTURE CARD

	CONSTRUCTION
	LIMITED CONSTRUCTION: AS NOTED
	PRELIMINARY NOT FOR CONSTRUCTION
	BIDDING PURPOSES
MAY 5 1982	FOR INFORMATION ONLY
DATE	RELEASED FOR ENGR.

△2 THIS DWG CONTAINS SEISMIC CATEGORY I MODIFICAIONS

△2 AS BUILT PER FCR# 2447-12 & 13

ISSUED FOR CLIENT RELEASE E

DATE	STAGE	NO. PTS.
5/11	2	14
5/11	1	13
5/11	0	14
5/11	A	12

PRINT RECORD

REV.	LOC.	REVISION	APP'D CATALYTIC	APP'D CLIENT
1		MOVED UNIONS, APP'D REV. 0a.	TL 5/11/82	
0		ISSUED FOR CLIENT RELEASE CLIENT COMMENTS INCORPORATED	TL 5/7/82	
A		FOR REVIEW & COMMENTS	TL 3/24/82	
△2		REVISED TO AS-BUILT CONDITION PER FCR's NO's 2447-12 & 2447-13	TL 5/11/82	

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FOR ROCHESTER GAS & ELECTRIC CORPORATION
ROBT. E. GINNA NUCLEAR UNIT, ONTARIO, N.Y.

PREPARED BY
CATALYTIC, INC.
ENGINEERING DEPARTMENT; PHILADELPHIA, PENNSYLVANIA

SCALE	AS NOTED	DATE
DRAWN BY	R. PAPALE	2/14/80
CHECKED BY	H. TORRANCE	3/3/80
CATALYTIC APPROVAL		3/4/80
CLIENT APPROVAL		

REACTOR VESSEL HEAD VENT SYSTEM PIPING PLAN, ELEVATION, & DETAILS @ EL. 252'-6" & ABOVE

CONTRACT NO. 36720 | DWG. NO. A-13651 | REV. NO. 2
JOB NO. 37276 | ENR NO. 2447

8205110430