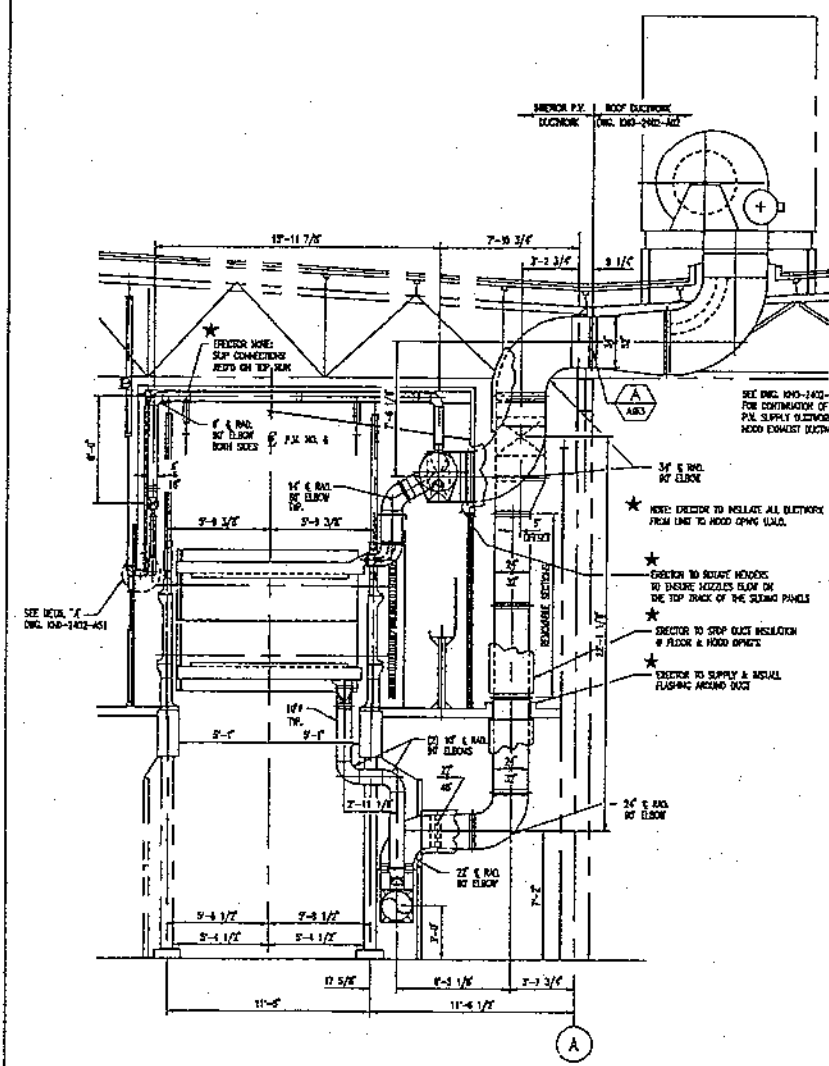
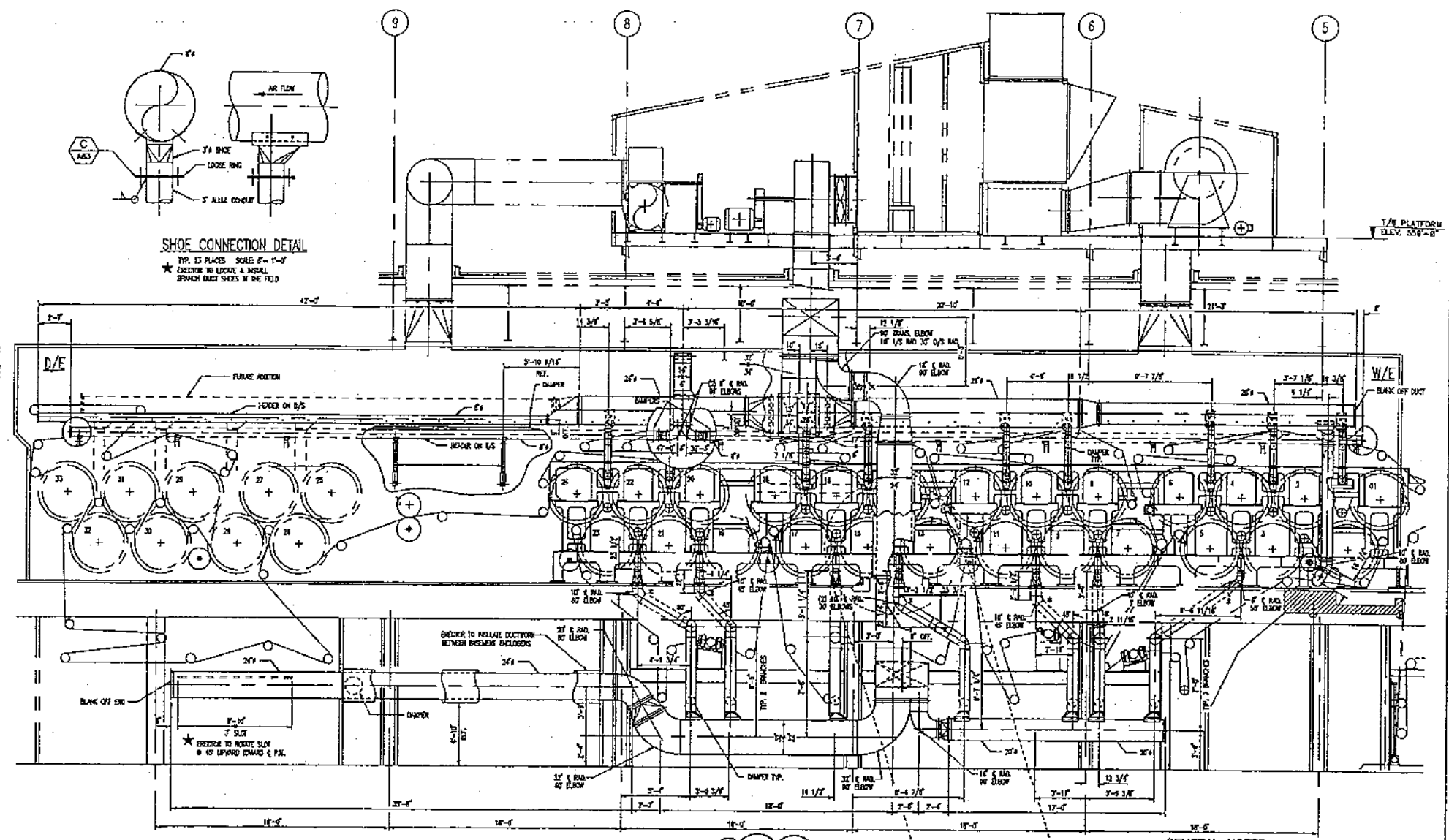
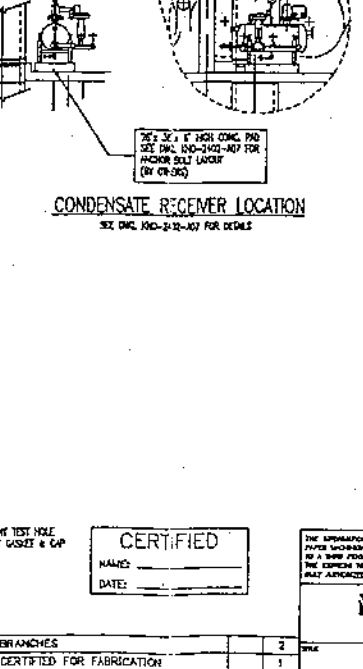
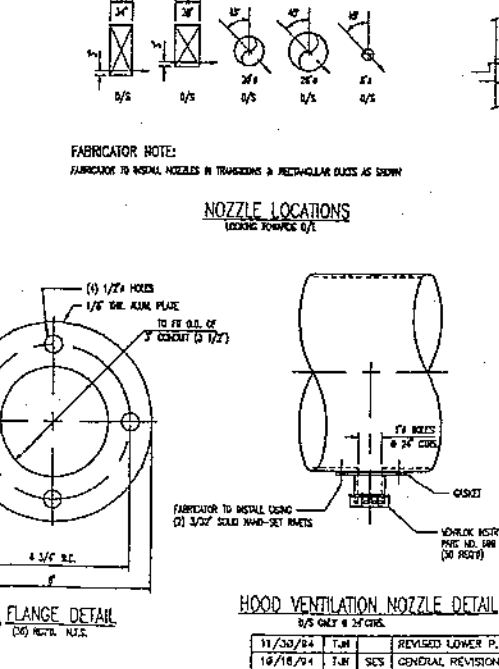
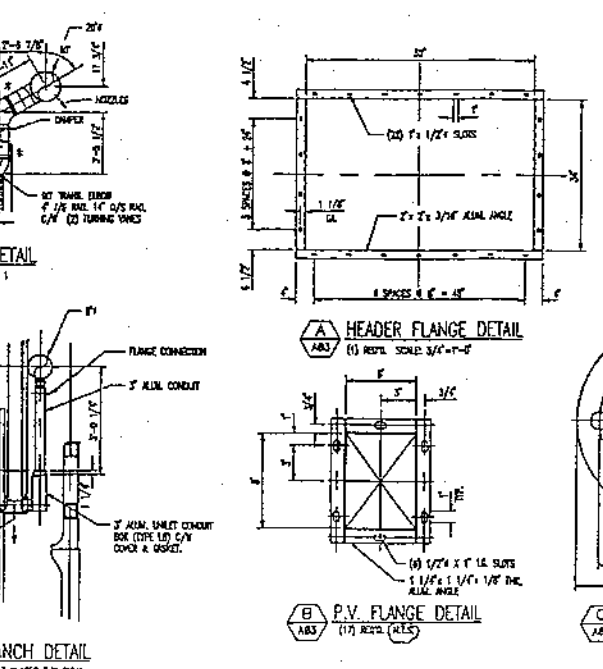
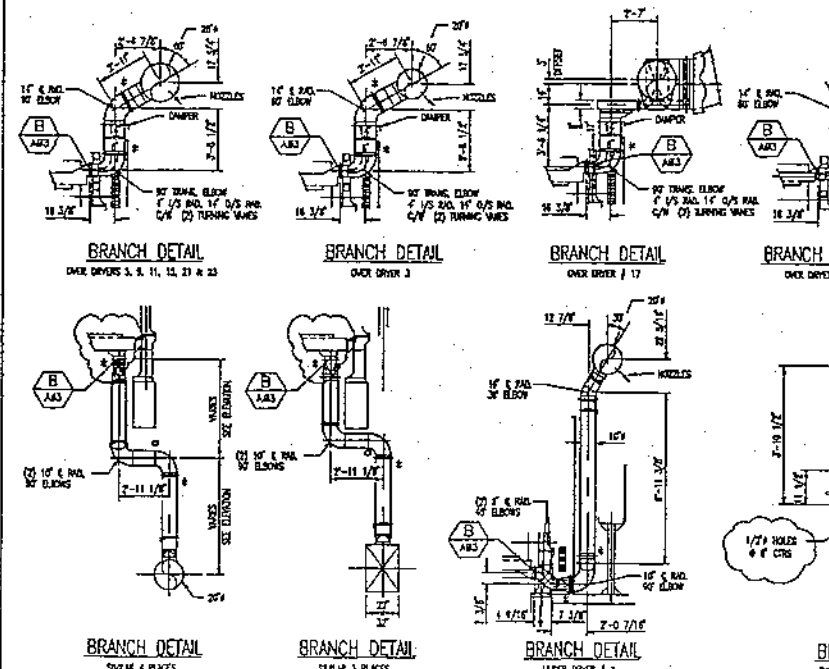




SECTION  
LIVING ROOMS W/E



D/S ELEVATION  
D/S OF HOOD REMOVED FOR CLIMATE



**GENERAL NOTES:**

1. ALL WORK IN ROOMS ARE FOR THE SPECIAL ATTENTION OF THE CUSTOMER AND REQUIRE CUSTOMER ATTENTION BEFORE VALMET-CHERRY'S SYSTEM CAN BE INSTALLED AS DESIGNED.
2. ALL WORK MARKED \* ARE FOR THE ENGINEER'S SPECIAL ATTENTION.
3. DUCTWORK SPECIFICATIONS ARE PER VALMET-CHERRY'S STANDARDS FOR ALUMINUM.
4. BRANCH RUN OPENINGS IN WALL DUCT HEADERS ARE TO BE FIELD CUT BY DIRECTOR. DIRECTOR TO DISCLOSE CONNECTIONS AND MAKE AIR TIGHT.
5. EACH BRANCH SLICE TO HAVE DAMPER AND GASKETING AS PER THIS DRAWING. DAMPERS ARE TO BE INSTALLED SO THAT AT FULL OPEN THE DAMPER HANDLE IS PARALLEL TO THE AIR FLOW.
6. FABRICATOR TO ENSURE THAT THE HANDLE HAS NO FLANGED CONNECTION OR BRANCH ANGLE OCCURS WITHIN 4" OF OTHER SIDE OF P.V. BRANCH.
7. IF INDICATES A LOOSE FLANGE, FABRICATOR TO SHIP ONE (1) COMPANION FLANGE LOOSE. FLANGE TO BE STRAIGHT 4" LONGER THAN REQUIRED FOR FIELD FIT.
8. ELECTRIC WELD-MARKING WILL APPEAR ON THE INSIDE OF EACH DUCT SECTION AT JOINTS AND INDICATE AIR FLOW. ONE SET OF SEAM MARKINGS WILL BE SENT TO FABRICATOR TO INDICATE WELD-MARKING USED. THESE SEAMS ARE TO BE RETURNED TO THE OFFICE WHEN DUCTWORK IS SHIPPED.
9. DIRECTOR TO USE 1/4" X 1/2" BRASS PIPE COUPLER BETWEEN ALL COMPANION ANGLE FLANGES. BRASS PIPE TO BE GOOD FOR 300 F.
10. DIRECTOR TO TIGHTEN DUCT TO FIT IN FIELD AND FASTEN ANY LOOSE FLANGES TO DUCT USING SOLID NUTS. (NO FOR NUTS ALLOWED)
11. DIRECTOR TO SUPPLY ALL HARDWARE AND CONNECTING HARDWARE TO COMPLETELY INSTALL DUCTWORK. HARDWARE TO BE THIMBLE TYPE FABRICATOR FROM 1/4" X 1/2" ALUMINUM ANGLE AND 1/4" DIAMETER ALL-THREAD ROD AND OR SEAM WING TYPE FABRICATOR FROM 1/4" THICK X 2" WIDE GALVANIZED FLAT BAR AND 1/4" DIAMETER ALL-THREAD ROD. HARDWARE TO BE INSTALLED AT 10'-0" ON CENTER MAXIMUM.
12. DIRECTOR TO SUPPLY ALL NECESSARY HARDWARE TO COMPLETELY INSTALL ROCKET VENTILATION DUCT SYSTEM. ALL HARDWARE TO BE ZINC-CHROMATE PLATED UNLESS OTHERWISE NOTED. NOTE: ALL BOLTED CONNECTIONS REQUIRE LOCKWASHERS.
13. DIRECTOR TO ENSURE THAT ALL CASE CONNECTIONS ARE AIR TIGHT SEALING WITH 3M OIL RESISTANT SEAL METAL SOLDER FILLER.
14. DIRECTOR WILL BE REQUIRED TO PROVIDE 3/4" DIA. TEST PORT HOLES IN DUCTWORK AT LOCATIONS SPECIFIED BY THE VALMET-CHERRY'S START-UP PERSONNEL.

**CERTIFIED**  
NAME: \_\_\_\_\_  
DATE: \_\_\_\_\_

|                                |  |                                                               |                                                                  |
|--------------------------------|--|---------------------------------------------------------------|------------------------------------------------------------------|
| <b>VALMET</b><br>Valmet-Cherry |  | PROJECT: P.V. SUPPLY DUCTWORK<br>GENERAL LAYOUT<br>NO. 8 P.V. | DATE: 07/25/94<br>BY: TJH<br>CHECKED BY: TJH<br>APPROVED BY: SES |
|--------------------------------|--|---------------------------------------------------------------|------------------------------------------------------------------|

| DATE     | REVISION | DESCRIPTION                                  | BY  | CHK |
|----------|----------|----------------------------------------------|-----|-----|
| 11/30/84 | 1.0      | REVISED LOWER P.V. BRANCHES                  | SES |     |
| 10/18/84 | 1.0      | GENERAL REVISIONS, CERTIFIED FOR FABRICATION | SES |     |
| 8/13/84  | 1.0      | RELEASED FOR QUOTE                           | SES |     |
| 05/30/84 | 1.0      | RELEASTED FOR APPROVAL                       | SES |     |