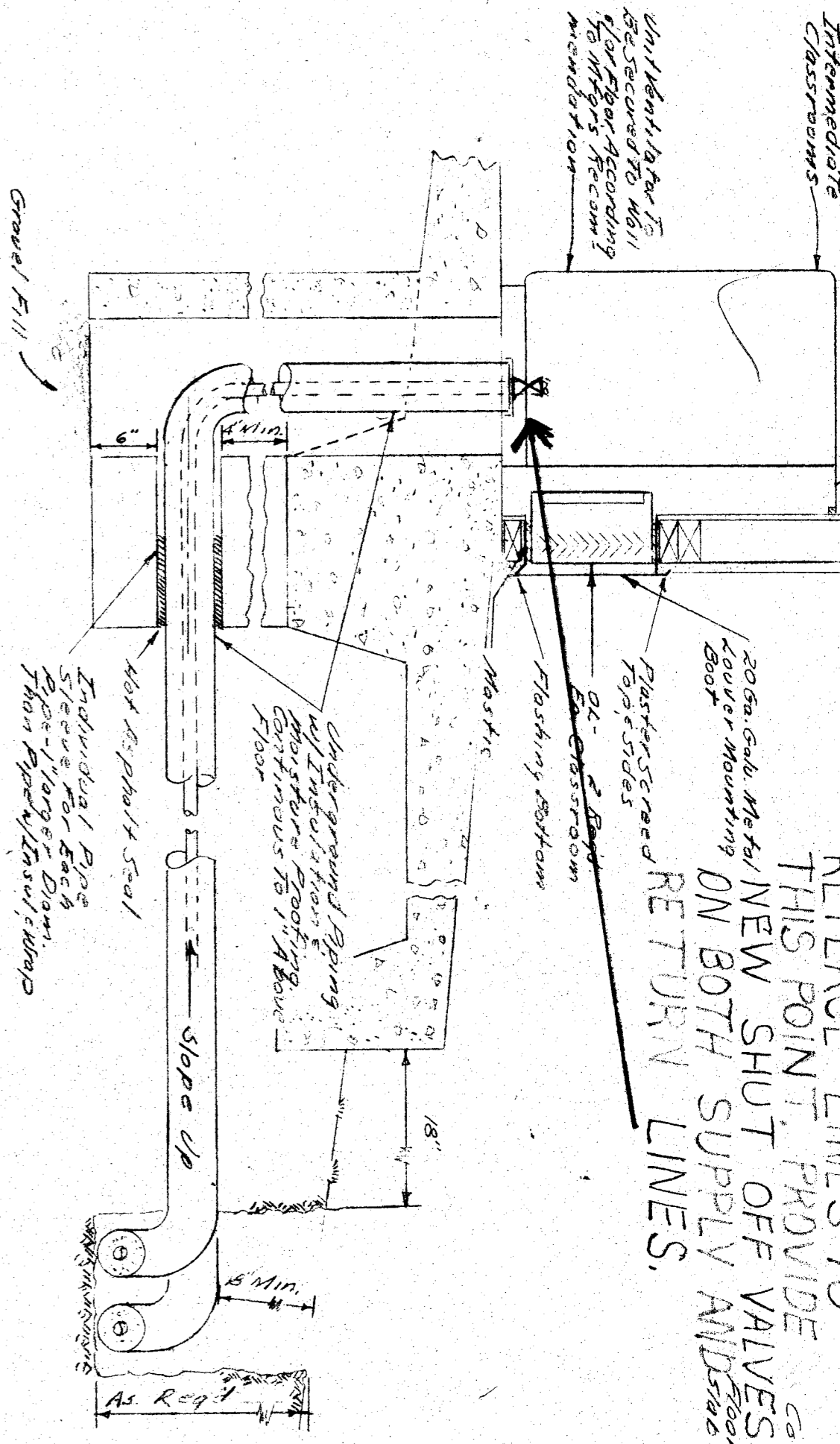


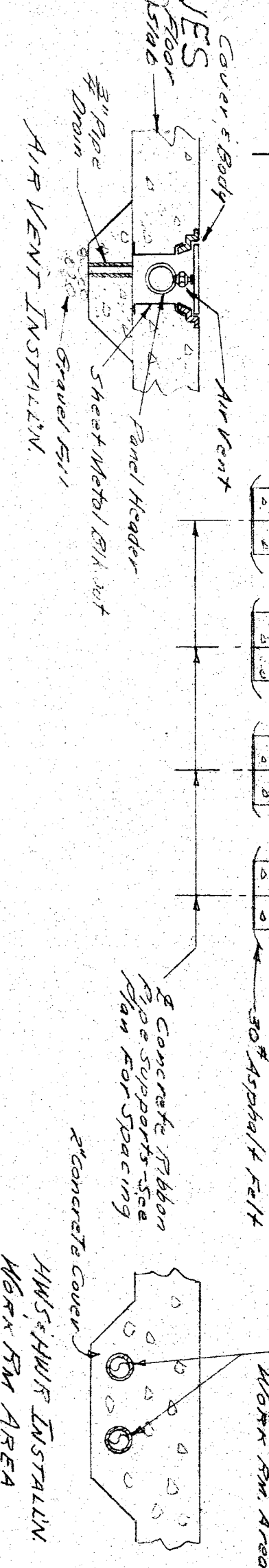
THIS POINT, PROVIDE NEW SHUT OFF VALVES ON BOTH SUPPLY AND RETURN LINES.



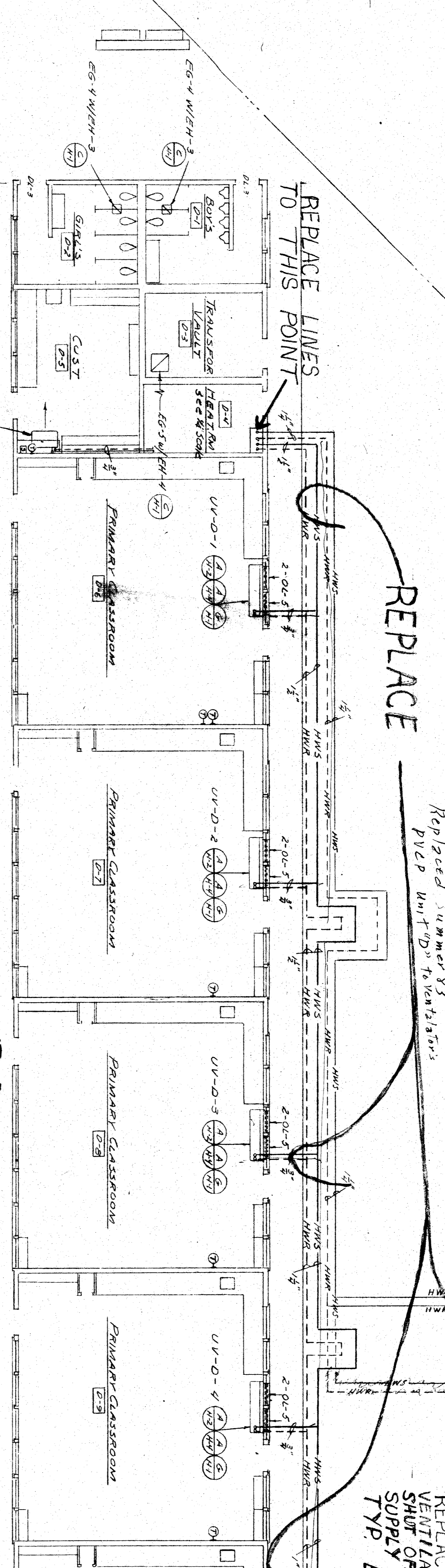
REPLACEMENT OF HEATING LINES

- GENERAL NOTES
1. Remove all existing underground heating lines as indicated on drawings, and replace with new Schedule 40 black steel pipe with Gilson-Gard insulation.
 2. Schedule 40 black steel pipe shall have all welded joints.
 3. Insulation shall be Gilson-Gard as manufactured by American Gilson Co.
 4. Installation of Gilson-Gard shall be as recommended by the manufacturer and as indicated in the manufacturer's Design and Installation Instructions' File Number AIA 37-D-2.1, dated April 1967.
 5. Provide adequate means for expansion and pipe movement, and for installation of expansion loops and bends refer to plate #2; pipe guides, plate #4; anchors, plate #5, of manufacturer's Design and Installation Instructions' File Number AIA 37-D-2.1, dated April 1967.
 6. Pipe supports shall be cement-asbestos pipe filled with concrete.
 7. The Gilson-Gard shall be compacted against permanent or slip forms.
 8. Provide the anchors and pipe guides as required for proper alignment and pipe expansion.
 9. All pipe shall be pressure tested to 100 psi prior to installation of insulation.
 10. Install shut off valves at unit ventilators in each classroom as indicated on plans with 125 lbs. steam cock, Crane #230 or approval equal.
 11. Backfill behind forms shall be clean and thoroughly compacted.
 12. Any concrete or blacktop disturbed or removed under this contract shall be repaired or replaced satisfactory to the District. (Saw cut only)
 13. Contractor shall be responsible for any damage to the underground piping, sewer, conduit, wiring, boxes, valves, sprinkler lines or heads, etc., or any other damage resulting from the completion of this contract, and shall replace same satisfactory to the District.

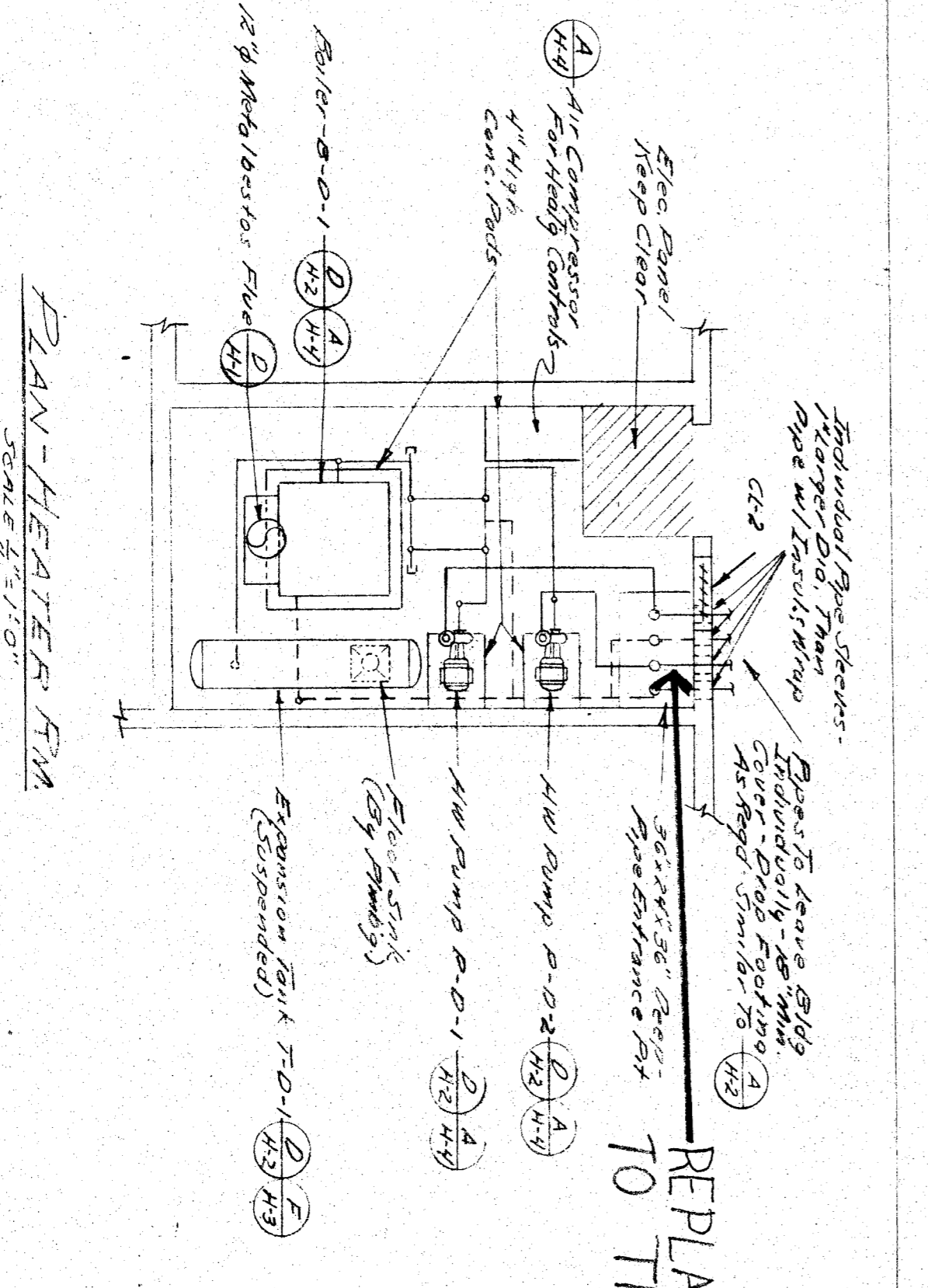
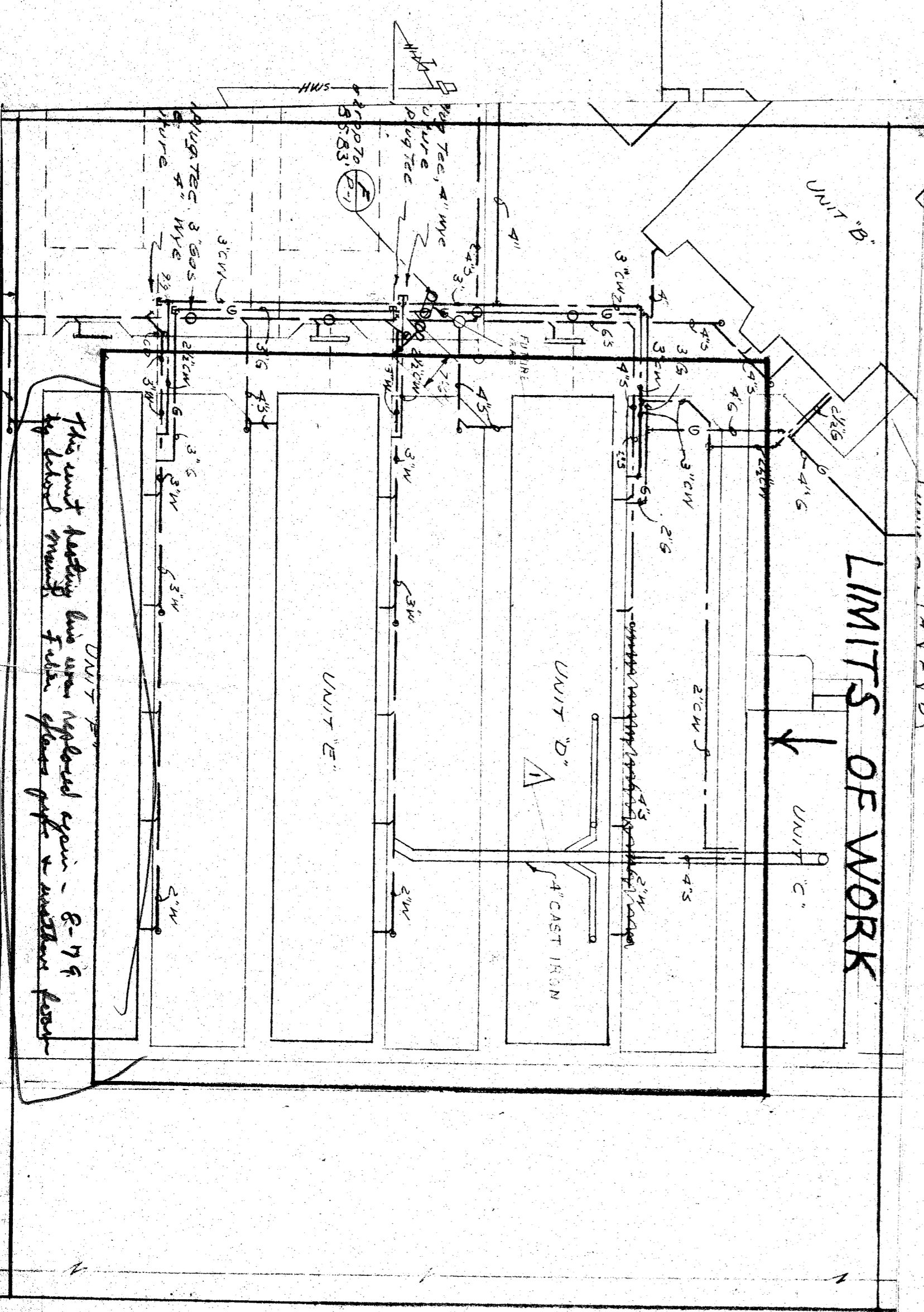
DETAIL - RADIANT PANEL INSTALLATION



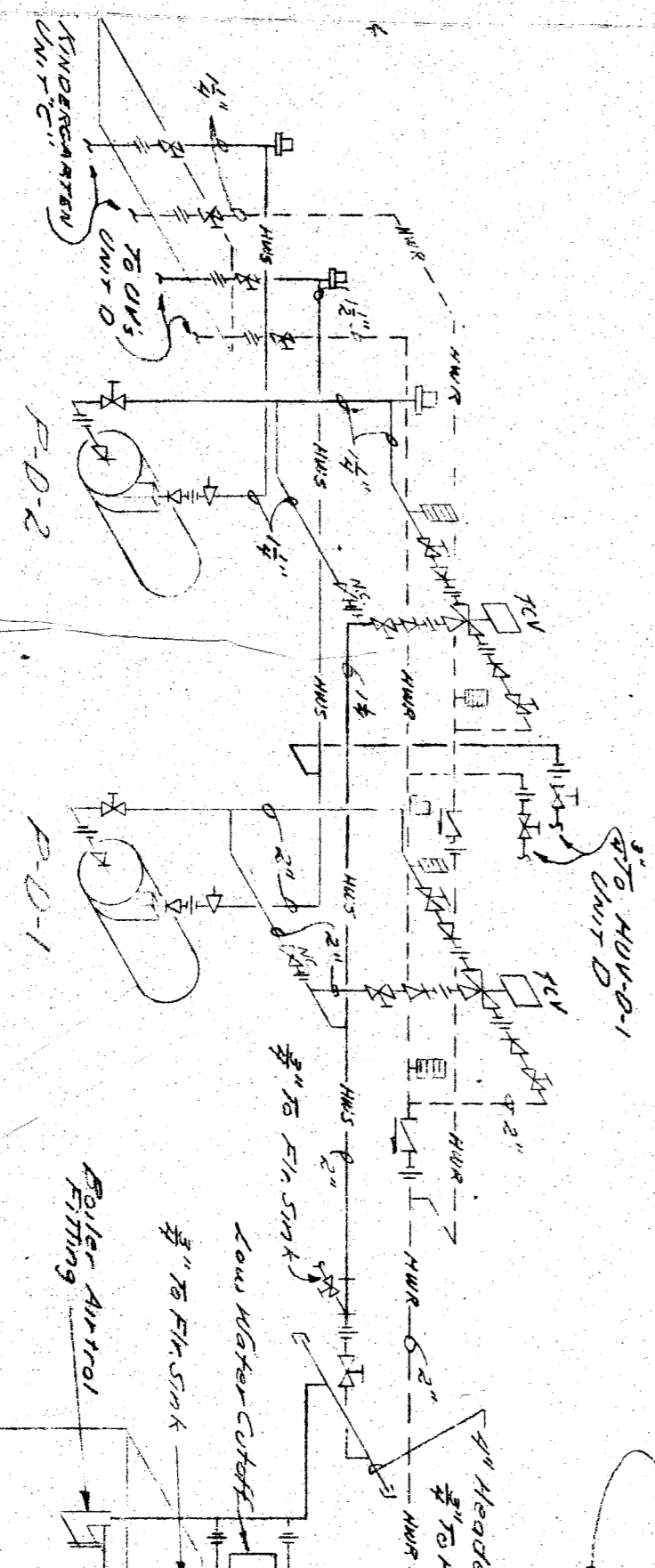
REPLACE LINES TO THIS POINT



LIMITS OF WORK



EATING & VENTILATING



HEATING-VENTILATING PA

OFFICE OF SUPERINTENDENT OF SCHOOLS
 STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ARCHITECTURE

BAKERSFIELD CITY SCHOOL DISTRICT
 BAKERSFIELD CALIFORNIA
 BOARD OF EDUCATION

APPROVED BY: [Signature]
 DATE: [Date]

REVISIONS:

MARK	DATE	REVISIONS
A	AS BUILT	
B		
C		
D		
E		

CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE PROCEEDING WITH THE WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

HOWARD F. MCKINDLESS
 CONSULTING ENGINEER
 2010 MERCED ST. BAKERSFIELD, CALIF.

DATE: [Date]

ERNEST L. MCCOY A.I.A. ARCHITECT
 2811 H STREET
 BAKERSFIELD CALIFORNIA

JOB NO. 57-21
 PHONE RA. 49851