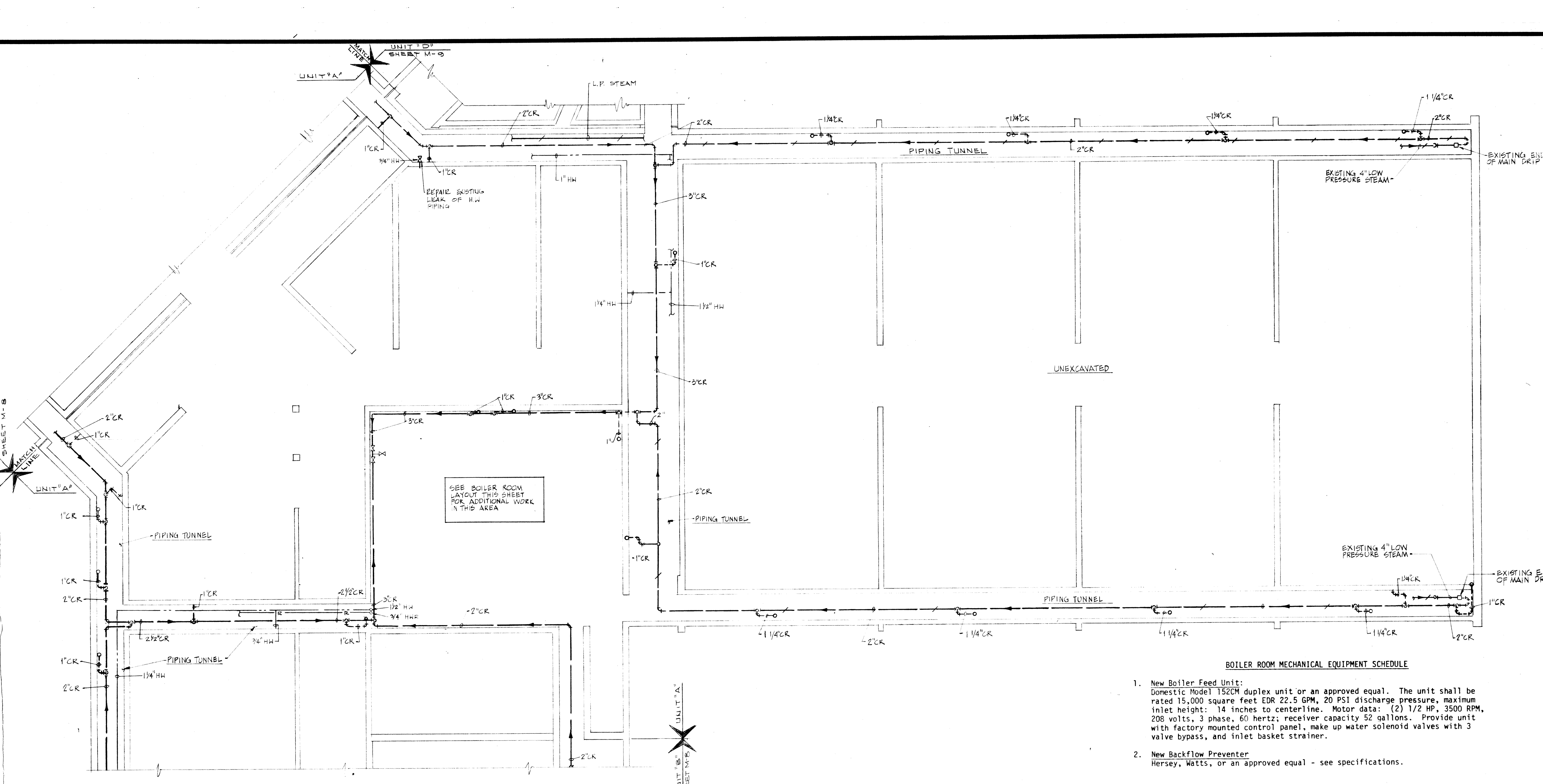
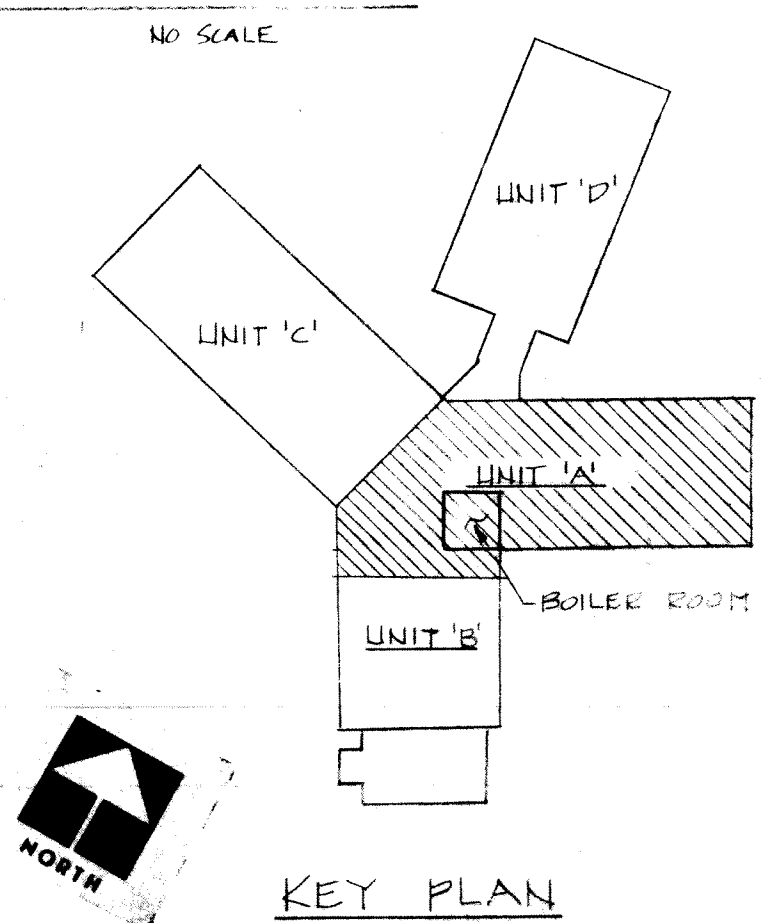
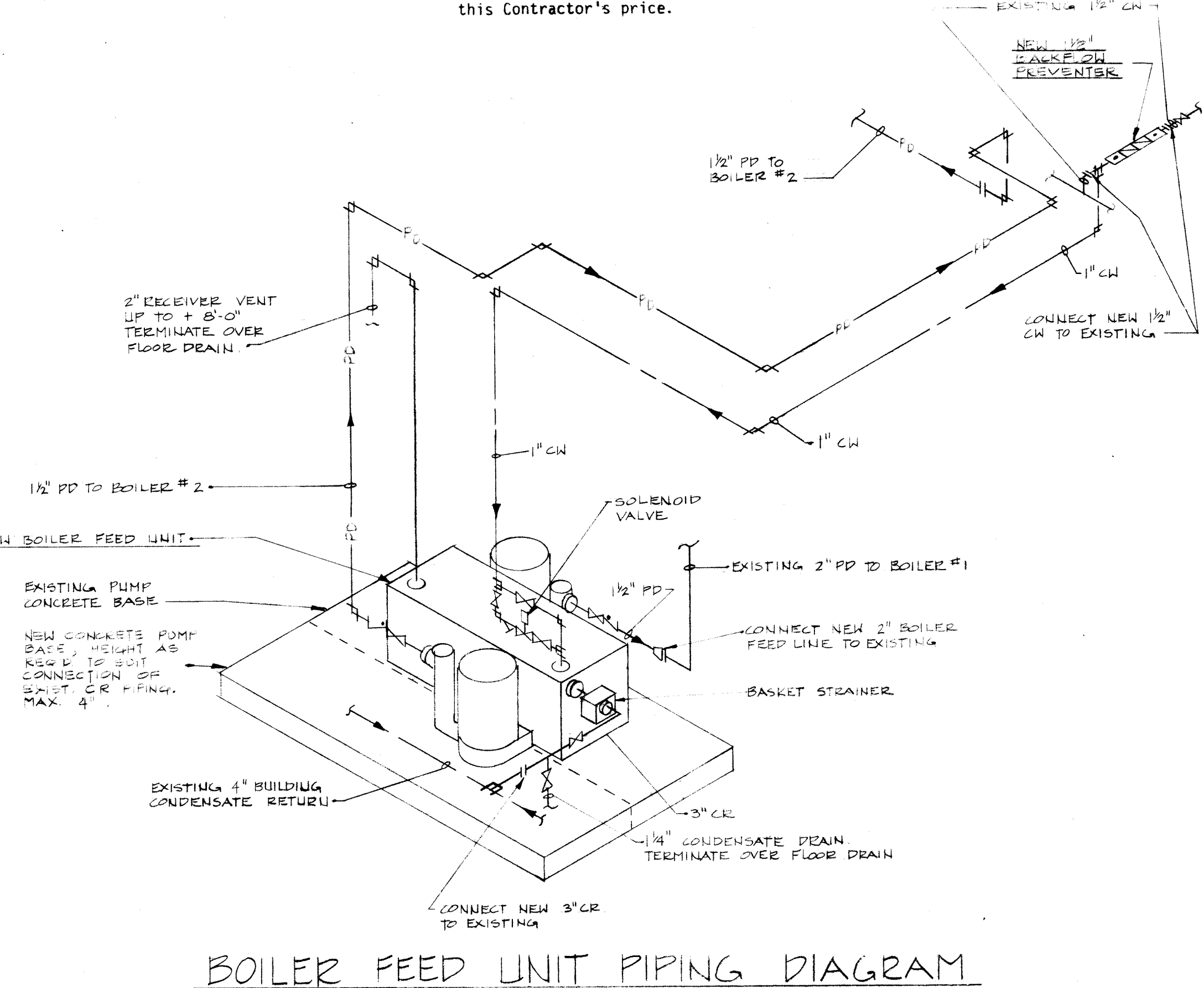
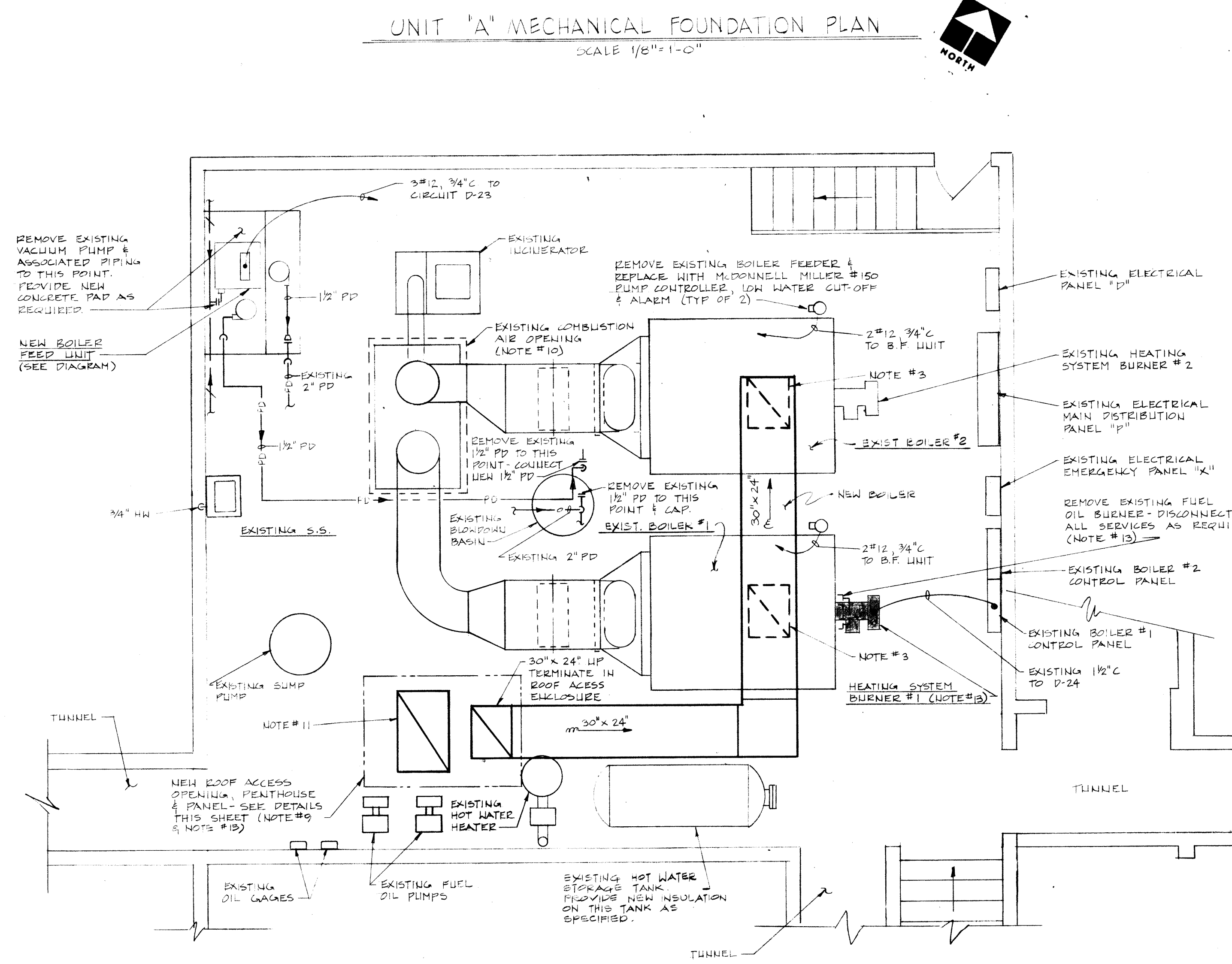
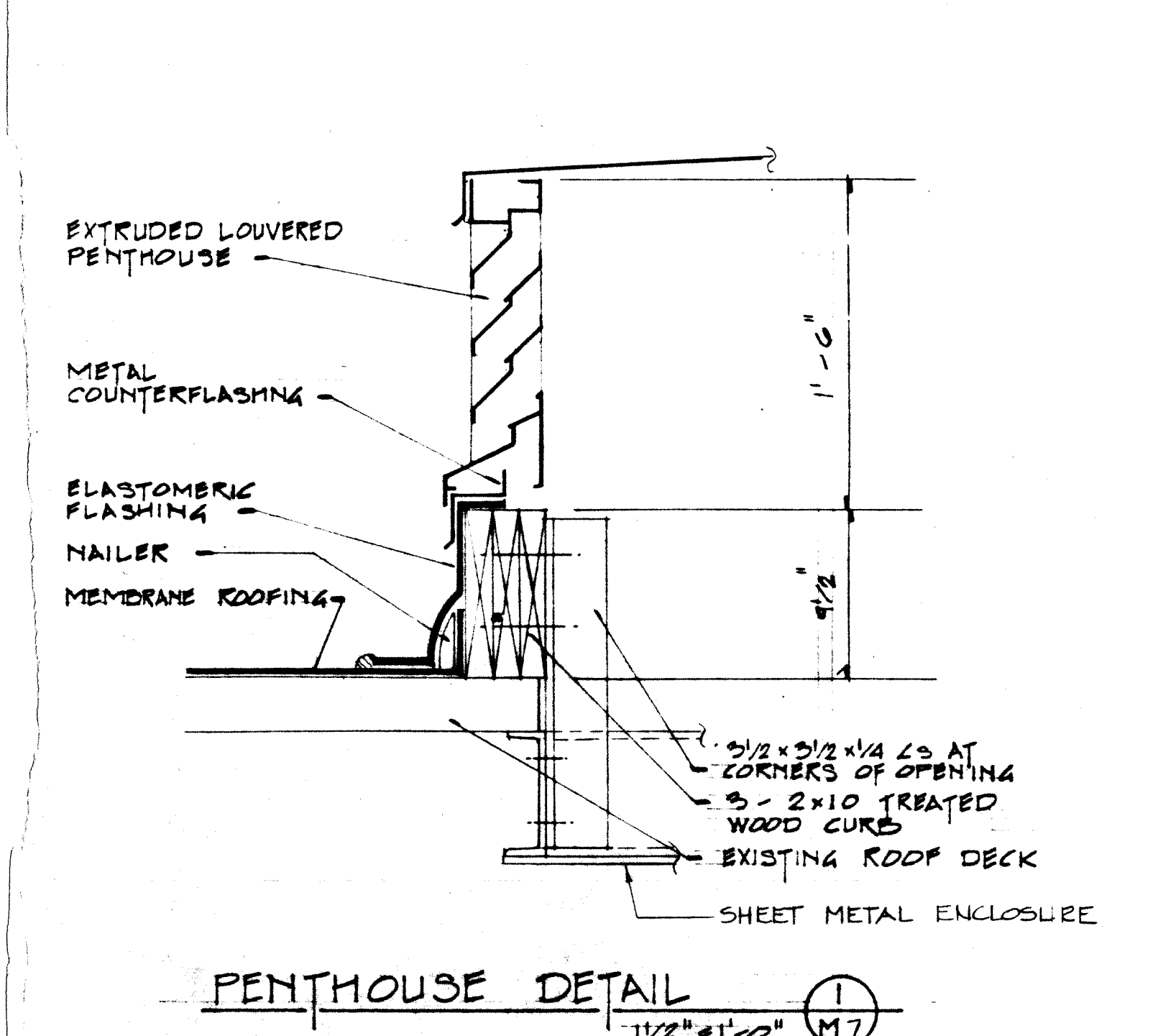
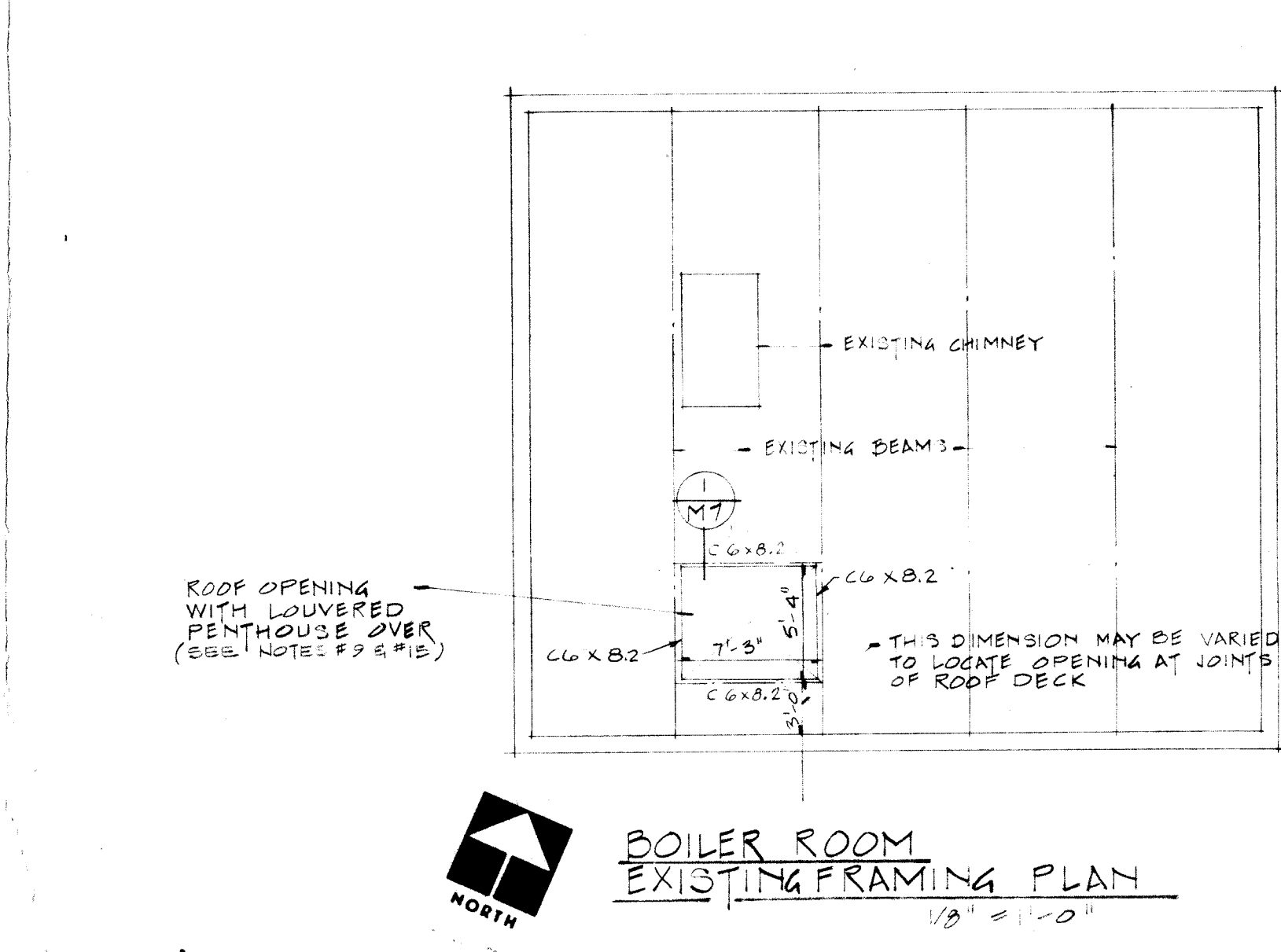




- ### PLAN NOTES
- All piping shown is existing and to be insulated as shown in the specifications unless otherwise noted.
 - The drawing shows only piping requiring work under this contract. The Contractor shall verify location of additional piping etc., in the areas of work which possibly might effect the performance of his works and notify the Engineer prior to proceeding with the work.
 - Any of existing ferrous or non-ferrous piping, hangers, etc., removed from the areas of work by the Contractor shall be turned over to the Owner.
 - All existing debris and debris created by this contract in the work areas shall be immediately removed from the job site.
 - Provide pipe label information and flow direction arrows on all existing or new piping in the tunnels. Painting is not required.
 - Refasten all existing loose insulation on steam mains in piping tunnels.

- ### BOILER ROOM NOTES
- All work shown is new and by the Contractor unless otherwise noted.
 - Contractor shall verify all existing conditions at the job site.
 - 24" x 30" opposed blade motorized combustion air damper by Temperature Control Contractor. Damper shall be controlled by a relay furnished by the burner supplier in the Heating System burner control cabinet. Contractor shall furnish remote wall switch to override relay for summer ventilation.
 - All valves, thermometers, gauges, feeders, fittings, etc., noted on boilers, and pumps, are typical for all boilers and pumps.
 - All existing and new overhead gate valves on supply heating mains, 4" and larger, and over 8'-0" above finished floor shall be chain operated.
 - All horizontal piping within the boiler room shall be suspended on rubber-in-shear hangers (see specifications).
 - All existing steam, domestic hot and cold water piping, and domestic hot water storage tank within the boiler room where insulation is missing, loose, or damaged shall be reinsulated as per specifications unless otherwise noted.
 - Contractor shall paint all wall and ceiling surfaces in the boiler room including doors and steel stairs. Colors to be as selected by Owner. Paint all new and existing piping, pipe hangers, supports, tanks, receivers, fuel oil pumps, etc. Piping, tanks and pumps shall be color coded and piping identified as per specifications. Electrical conduit and temperature control tubing shall be painted to match walls. Electrical panels and new equipment shall not be painted.
 - Roof in this area shall be removed, opening framed, and louvered penthouse and curb installed as detailed on this sheet and specified.
 - Roof in this area shall be installed, chimney flashed and counterflashed by Hinshaw Roofing as specified.
 - 30" x 48" opposed blade relief air damper by Temperature Control Contractor. Damper to be controlled by wall mounted switch.
 - Existing ferrous and non-ferrous piping, valves and fittings, vacuum pump and accumulator, etc. removed from boiler room shall be turned over to the Owner.
 - Install existing Iron Fireman dual fuel burner, control panel and gas train removed from Crestview Elementary School on Boiler #1 combustion chamber. Coordinate mounting with boiler manufacturer. Modify existing or provide new front plate, refractory, etc. as required for complete installation. Reconnect fuel oil gas and electric services.
 - Contractor shall patch and repair existing chimney masonry within the Boiler Room as required and directed by the Engineer.
 - All cost of this work, including that of Hinshaw Roofing, shall be included in this Contractor's price.

- ### BOILER ROOM MECHANICAL EQUIPMENT SCHEDULE
- New Boiler Feed Unit:**
Domestic Model 152CM duplex unit or an approved equal. The unit shall be rated 15,000 square feet EDR 22.5 GPM, 20 PSI discharge pressure, maximum inlet height: 14 inches to centerline. Motor data: (2) 1/2 HP, 3500 RPM, 208 volts, 3 phase, 60 hertz; receiver capacity 52 gallons. Provide unit with factory mounted control panel, make up water solenoid valves with 3 valve bypass, and inlet basket strainer.
 - New Backflow Preventer:**
Hersey, Watts, or an approved equal - see specifications.



WRIGHT PORTER & LOWE INC.
 ARCHITECTS - ENGINEERS
 INDIANAPOLIS, INDIANA

COGILL/OBERLIES & ASSOCIATES
 Consulting Engineers
 INDIANAPOLIS, INDIANA

UNIT A - TUNNEL PLAN - BOILER ROOM

METROPOLITAN SCHOOL DISTRICT
 OF LAWRENCE TOWNSHIP
 BROOK PARK ELEMENTARY SCHOOL

NO.	DATE	REVISIONS	DESCRIPTION	CONV. NO.	DATE	BY	CHECKED BY
1	8/20/81			11-900-81	11-900-81	DAVID BY	3/2/82
2							
3							
4							
5							

REGISTERED PROFESSIONAL ENGINEER
 No. 13968
 STATE OF INDIANA

SHEET
M-7
 OF 13