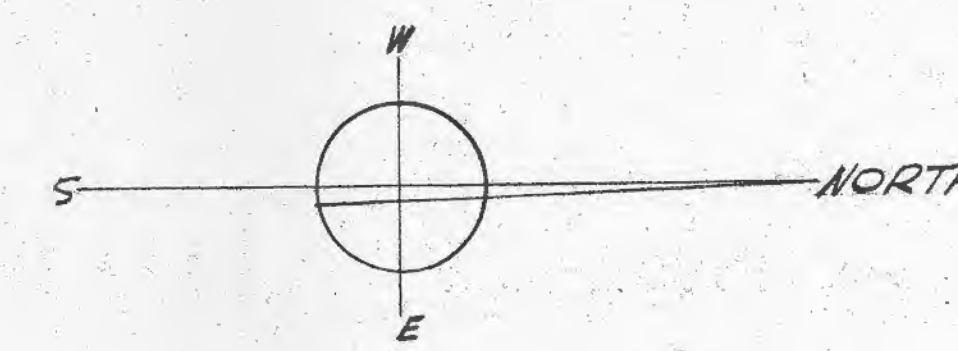


BASEMENT PLAN
SCALE 1/8" = 1'-0"



NOTES

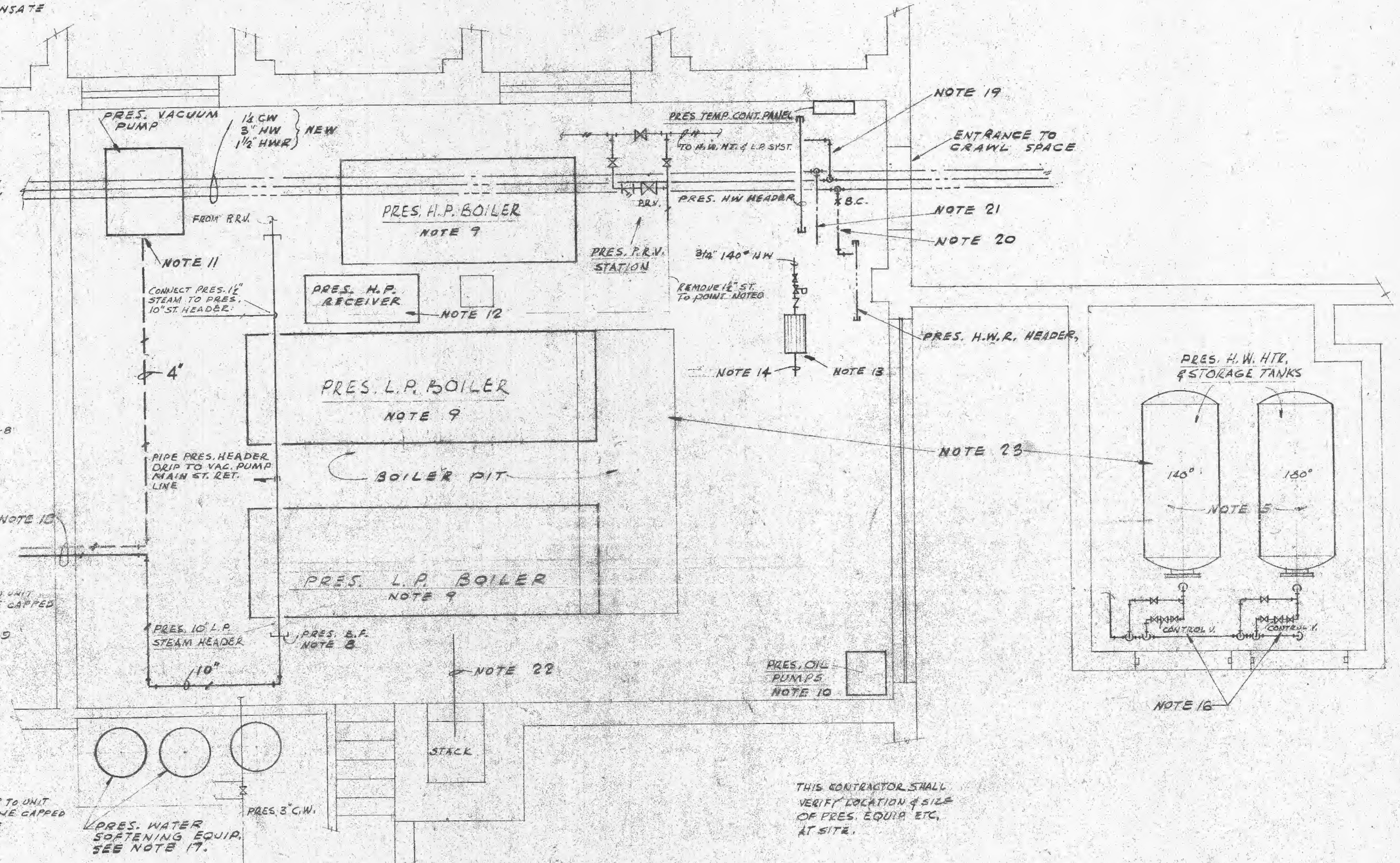
- 1-10" LP STEAM-CONNECT INTO EXISTING L.P. STEAM HEADER.
4" LP CONDENSATE-CONNECT TO EXISTING VACUUM PUMPS.
- 2-12" DIA. SAFETY VALVE-VENT UP. PROVIDE DRIP ELBOW AT BASE OF RISER.
- 3-2" AW, 1/2" H & CW UP TO LAB SINK-CONNECT HE, CW LINES INTO MAINS IN BOILER ROOM.
- 4-1" CW TO SPRINKLER HEAD ABOVE. CONNECT CW LINE INTO MAIN IN BOILER ROOM.
- 5-2" AW, 1/2" H & CW UP TO LAB SINK.
- 6-2" AW, 1/2" GAS, 1/2" H & CW UP TO LAB SINK.
- 7-CUT OPENING IN EXISTING WALLS FOR PIPING & DUCTWORK. PATCHING BY G.C. WALLS ARE CONCRETE.
- 8-CONNECT NEW 10" DIA. LOW PRESSURE STEAM LINE INTO EXISTING 10" LOW PRESSURE STEAM HEADER.
- 9-DISCONNECT EXISTING BOILERS. BOILERS SHALL BE REMOVED BY THE OWNER.
- 10-DISCONNECT EXISTING OIL PUMP. PUMPS SHALL BE REMOVED BY THE OWNER.
- 11-CONNECT NEW 4" CONDENSATE LINE INTO EXISTING VACUUM PUMPS.
- 12-DISCONNECT EXISTING HIGH PRESSURE CONDENSATE RECEIVER & FEED WATER PUMPS. REMOVAL BY OWNER.
- 13-BOOSTER HEATER WITH PRV, COATES #3204K BY P.C. EXACT LOCATION TO BE DETERMINED IN FIELD.
- 14-3/4" 180° HW, CONTINUE TO SINK IN PRES. KITCHEN
- 15-PLUMBING CONTRACTOR SHALL DISCONNECT & RELOCATE EXISTING WATER HEATER STORAGE TANKS TO NEW BOILER ROOM.
- 16-P.C. SHALL DISCONNECT & RELOCATE EXISTING CONTROL VALVES TO NEW BOILER ROOM.
- 17-P.C. SHALL DISCONNECT & RELOCATE EXISTING WATER SOFTENING EQUIPMENT TO NEW BOILER ROOM.
- 18-NEW 4" L.P. CONDENSATE, NEW 10" L.P. STEAM.
- 19-CONNECT NEW 3" HW (140°) INTO EXISTING 140° HW LINE
- 20-CONNECT NEW 1/2" HWR (140°) INTO EXISTING 140° HW LINE
- 21-CONNECT NEW 2 1/2" CW INTO EXISTING 3" CW LINE.
- 22-REMOVE ALL EXISTING BREECHINGS & PATCH OPENING IN STACK. INSTALL AT NEW 24" x 24" EXHAUST REGISTER IN PATCHED OPENING.
- 23-EXISTING HEATING SYSTEMS & DOMESTIC WATER SYSTEMS SHALL BE KEPT IN OPERATION AT ALL TIMES AT THE CONTRACTORS' RESPONSIBILITY.
- 24-24" x 24" SUMP & F.D. FOR WATER SOFTENING EQUIP.

LEFT TO RIGHT:
4" HP. STEAM
2" H.P. CONDENSATE
10" L.P. STEAM
4" L.P. CONDENSATE
3" HW 180°
1" HW 180°
4" CWS
4" CHR

NOTE: N.C. SHALL FURNISH TRAP & HANGERS FOR THIS PIPING.

RISERS:
2 1/2" x 26" R.A.
2 1/2" x 18" R.A.
2 1/2" x 26" SUPPLY
2 1/2" x 18" SUPPLY
SEE ALT. N-1

PRESENT BOILER ROOM PLAN
SCALE 1/4" = 1'-0"



DATE:	ADDITION TO ST. MARYS INSTITUTE O'FALLON, MO.		
DRAWN BY:	C.C.		
JOB NO.:	A.F. & ARTHUR STAUDER, ARCHITECTS 3608 SOUTH GRAND BLVD. ST. LOUIS 18, MISSOURI		SHEET M-2
REVISIONS:	PAUL LONDE & ASSOC. CONSULTING ENGINEERS		