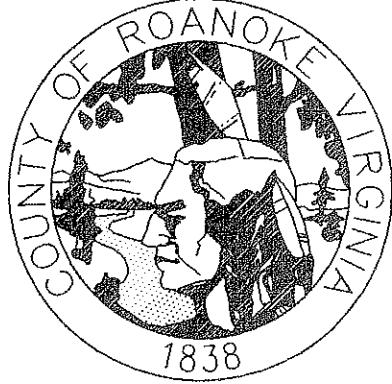
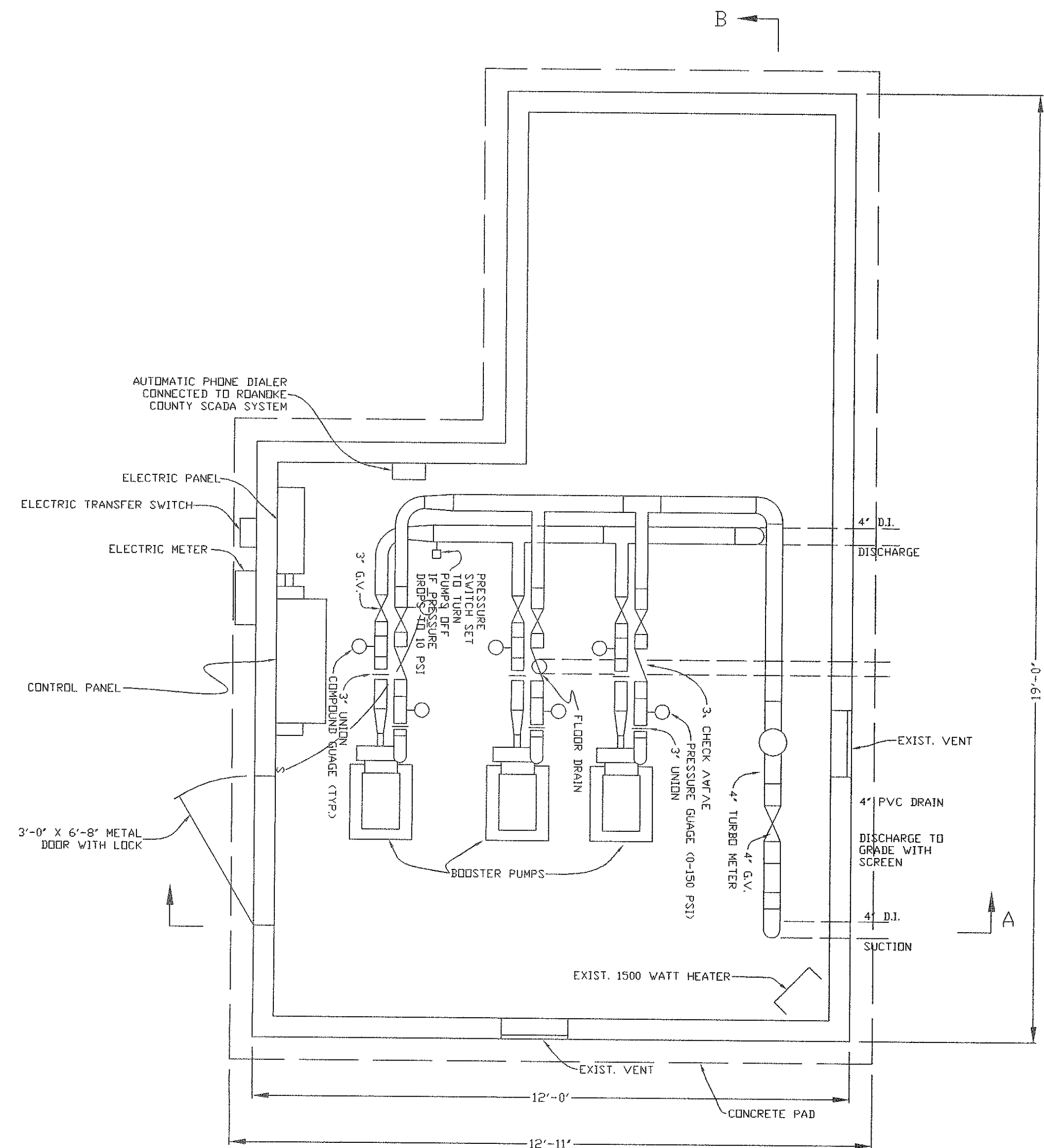
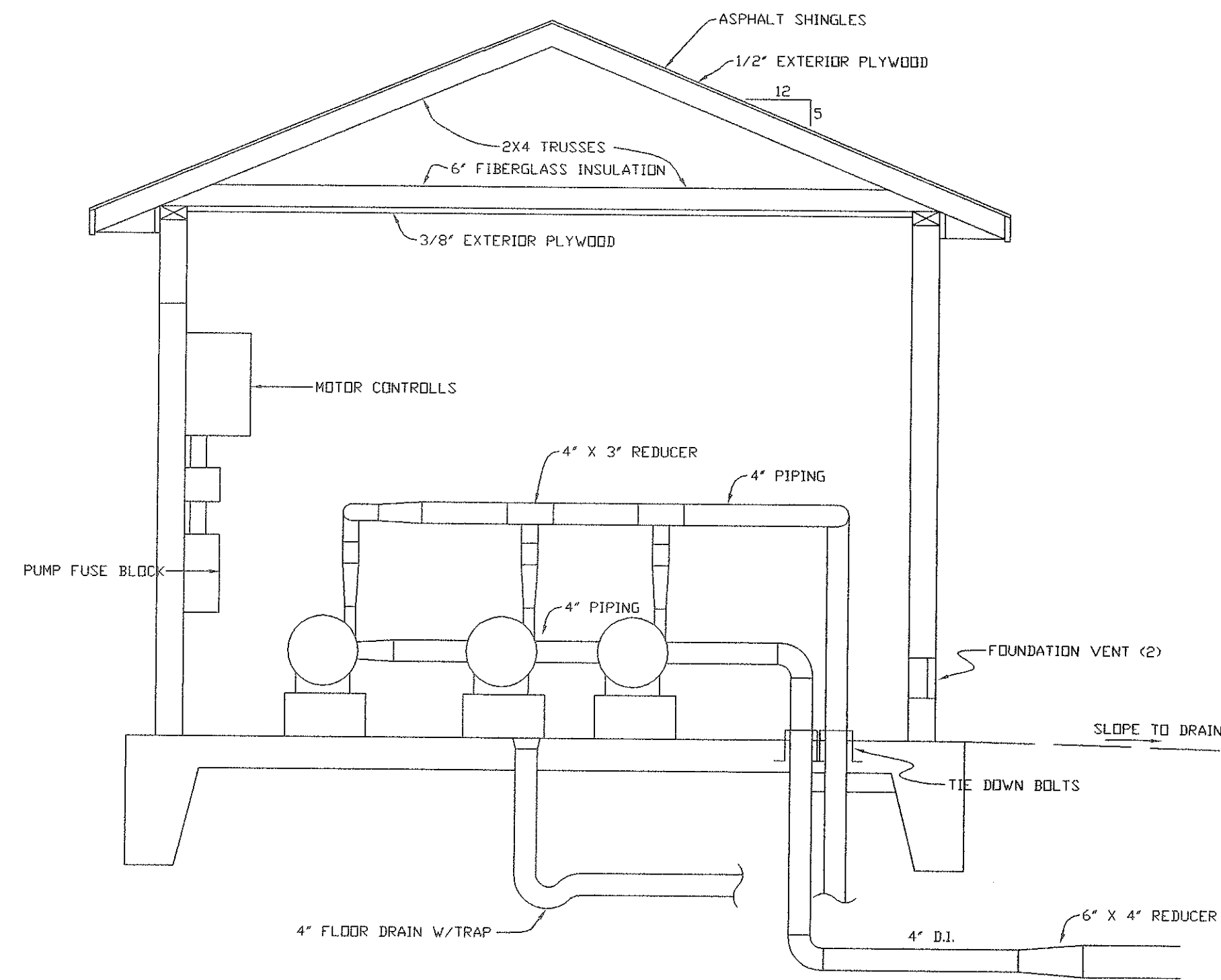


REVISION	DATE	DESCRIPTION
DESIGNED BY: DEB	<div>  <div> CAMPBELL HILLS WATER SYSTEM BOOSTER PUMP STATION CATAWBA MAGISTERIAL DISTRICT ROANOKE COUNTY, VIRGINIA ROANOKE COUNTY UTILITY DEPARTMENT 1206 KESSLER MILL ROAD SALEM, VIRGINIA 24153 </div> </div>	
DRAWN BY: JAK		
CHECKED BY:		
SCALE: 1/2" = 1'		
DATE: 27 NOV. 2000		
		SHEET NO. 1 OF

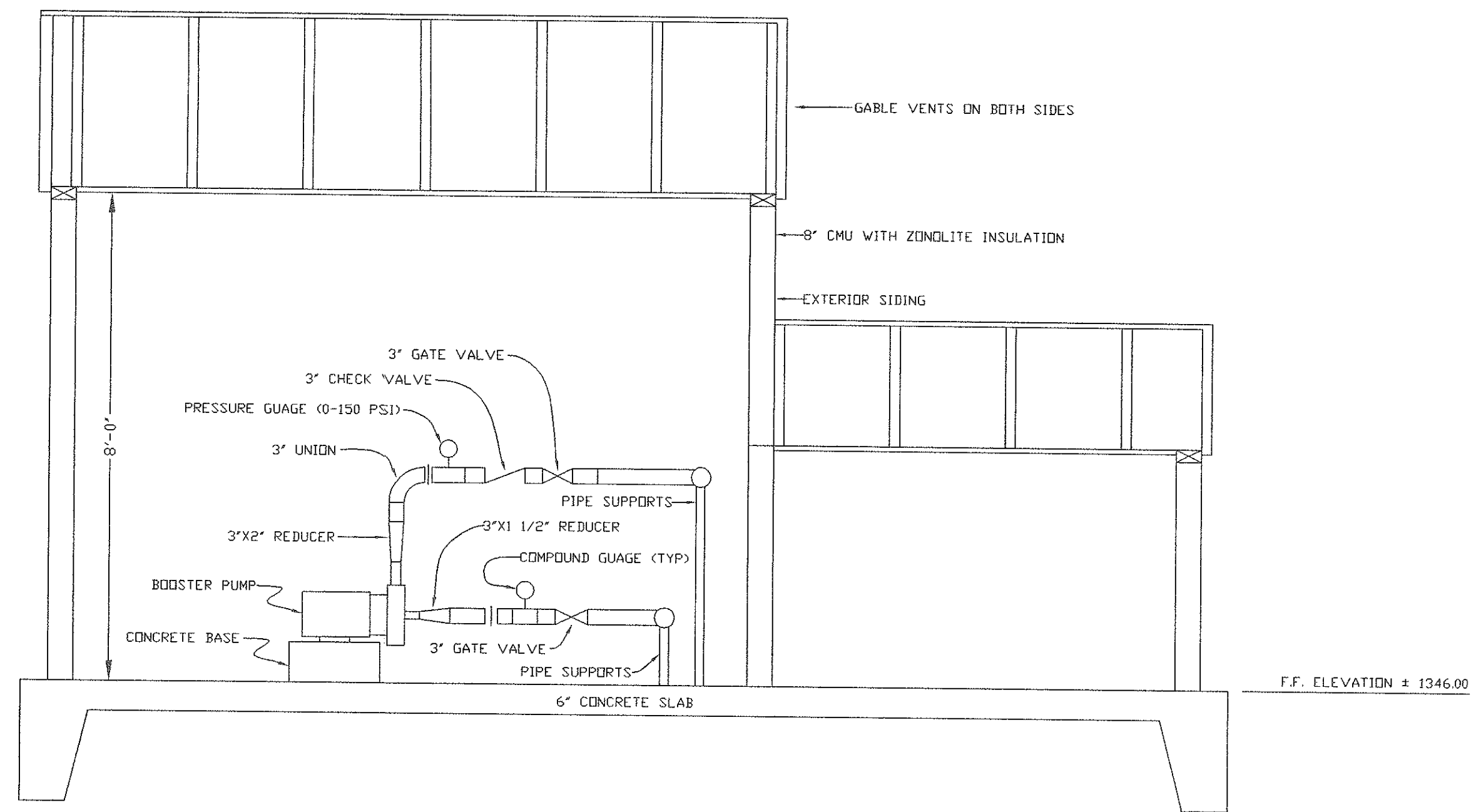


BUILDING PLAN



SECTION A-A

- NOTES:
- BUILDING AND PLUMBING CONSTRUCTION SHALL COMPLY WITH BOCA BUILDING CODES
 - ELECTRICAL CONSTRUCTION SHALL COMPLY WITH NATIONAL ELECTRIC CODE
 - INTERIOR PIPING SHALL BE CLASS 52 FLANGED DUCTILE IRON PIPE (2" AND LARGER)
 - UNDERGROUND PIPING SHALL BE DUCTILE IRON CLASS 52 OR PVC, AWWA C-900
 - INTERIOR FITTINGS SHALL BE FLANGED DUCTILE IRON
 - UNDERGROUND FITTINGS SHALL BE DUCTILE IRON, CLASS 250, WITH MECHANICAL JOINTS
 - ALL PIPING SHALL BE BRACED AND SECURED TO PREVENT MOVEMENT
 - ALL PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C653-87.
 - BOOSTER PUMPS SHALL BE GRINDFOS, PUMP #52, 6.0" IMPELLOR, 7.5 HP
 - BOOSTER PUMPS SHALL BE SEQUENCED TO ALTERNATE WITH ON-OFF CYCLES.
 - BOOSTER PUMPS SHALL BE CONTROLLED BY TANK ELECTRODE SIGNALS.
 - A PRESSURE SWITCH ON SUCTION PIPING SHALL TURN PUMPS OFF, IF INLET PRESSURE DROPS TO 10 PSI.
 - THE PUMP STATION SHALL BE EQUIPPED WITH AN AUTOMATIC PHONE DIALER WHICH SHALL SIGNAL THE ROANOKE COUNTY SCADA SYSTEM IF THE PUMP STATION FAILS TO RUN AUTOMATICALLY
 - AN ELECTRODE TRANSFER SWITCH SHALL BE PROVIDED TO ALLOW THE CONNECTION OF A GENERATOR



SECTION B-B