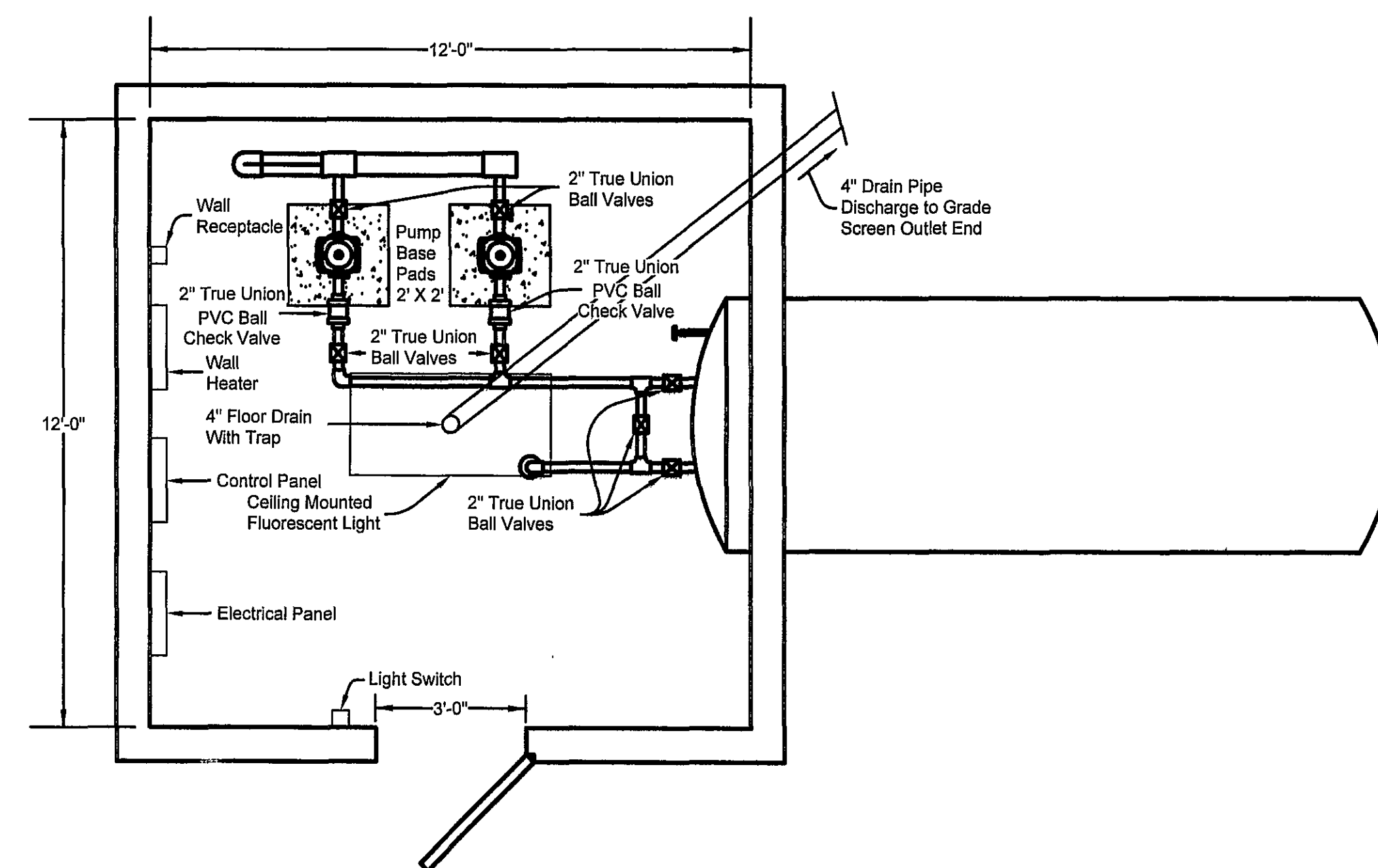




- Tank Operation:**

1. Tank starts out empty. Pressure is 0 PSI.
2. HYDROMASTER operates booster pump(s) until high water level in hydro-pneumatic tank is reached. HYDROMASTER then runs air compressor until high pressure stop point is reached.
3. Water is withdrawn from tank through the distribution system. Water level in tank subsequently drops and air pressure decreases.
4. HYDROMASTER sensors monitor pressure drop and water level. Control panel shall start booster pump, which shall continue to run until maximum water level or high air pressure set point is reached.
5. If maximum water level is reached and pump operation is stopped before required maximum air pressure is achieved, compressor will start and run until maximum air pressure set point is reached.
6. Should air pressure in tank decrease below minimum set point, tank sensor will relay condition to control panel and start compressor. Compressor will run until maximum air pressure set point is reached. It is not necessary that booster pump(s) operate during this phase of cycle.



SCALE: NONE

REVISIONS		
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		