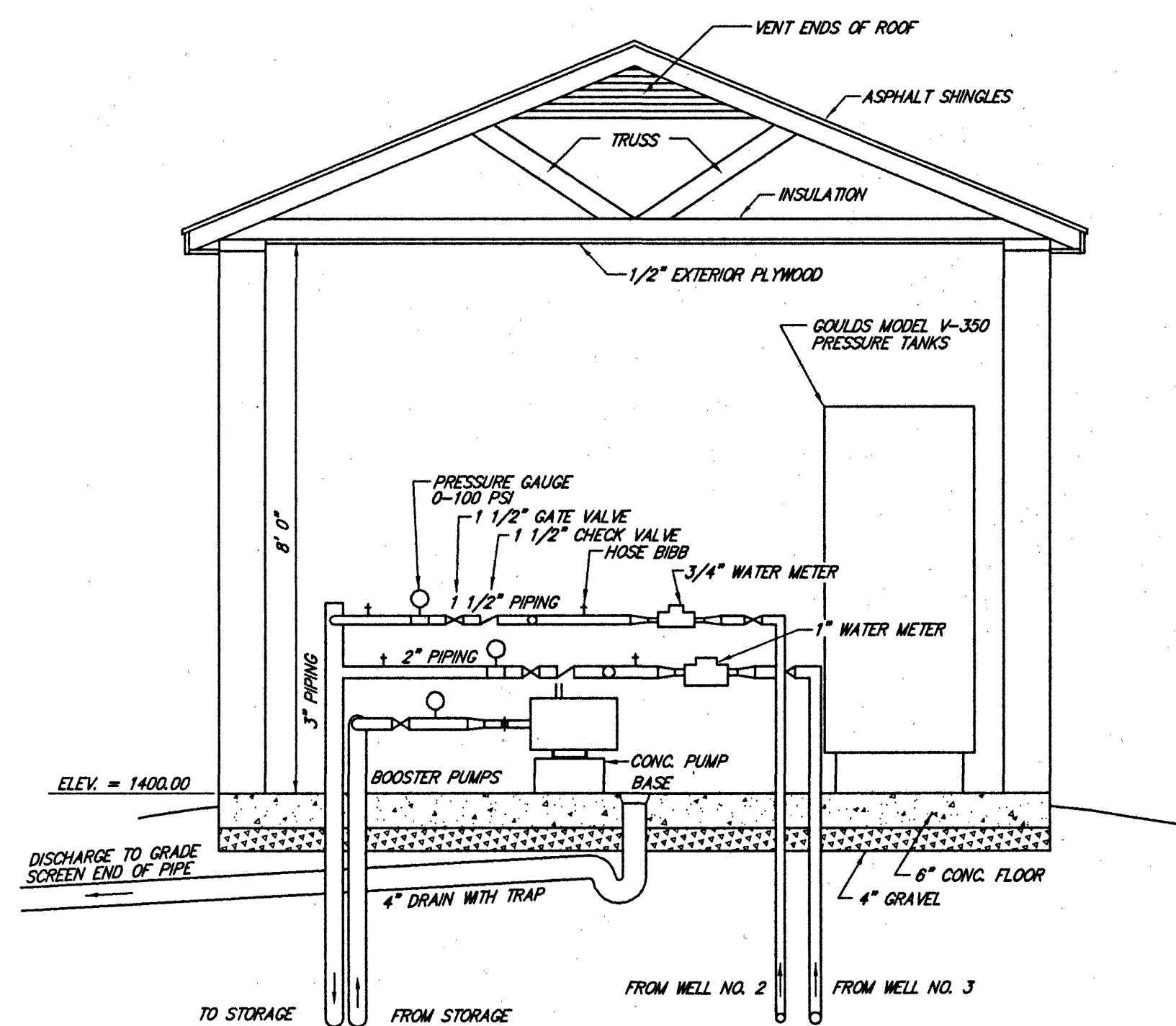
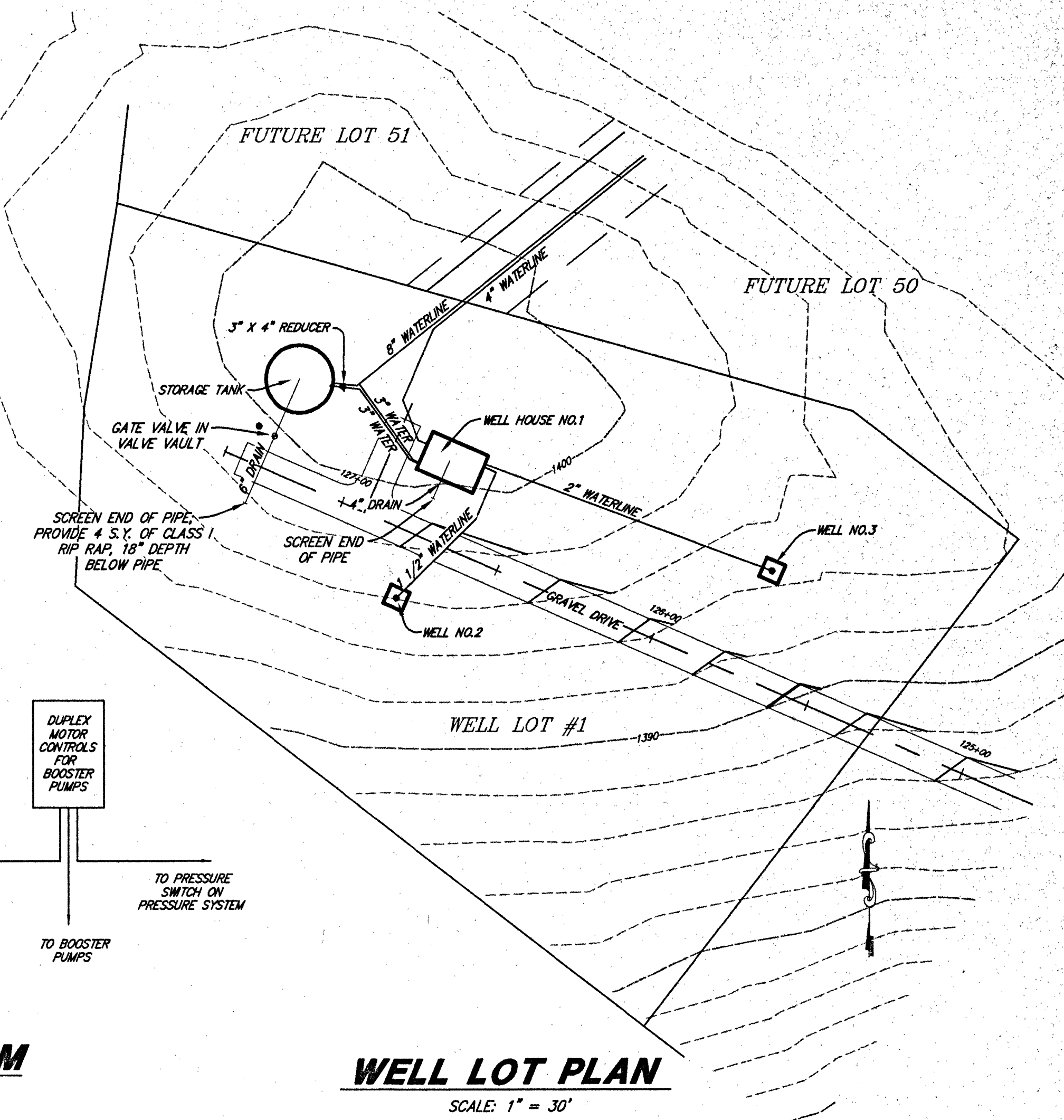
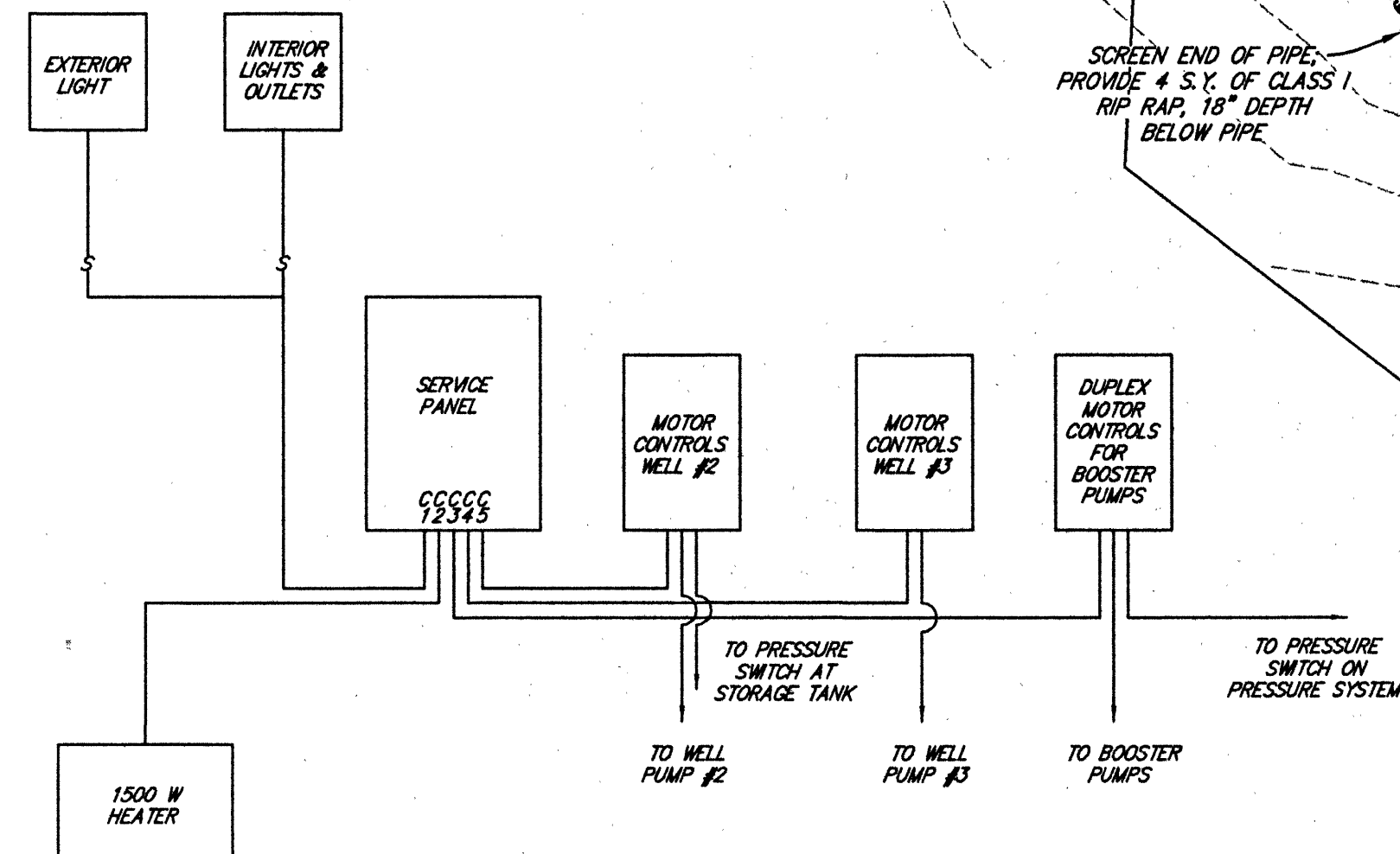
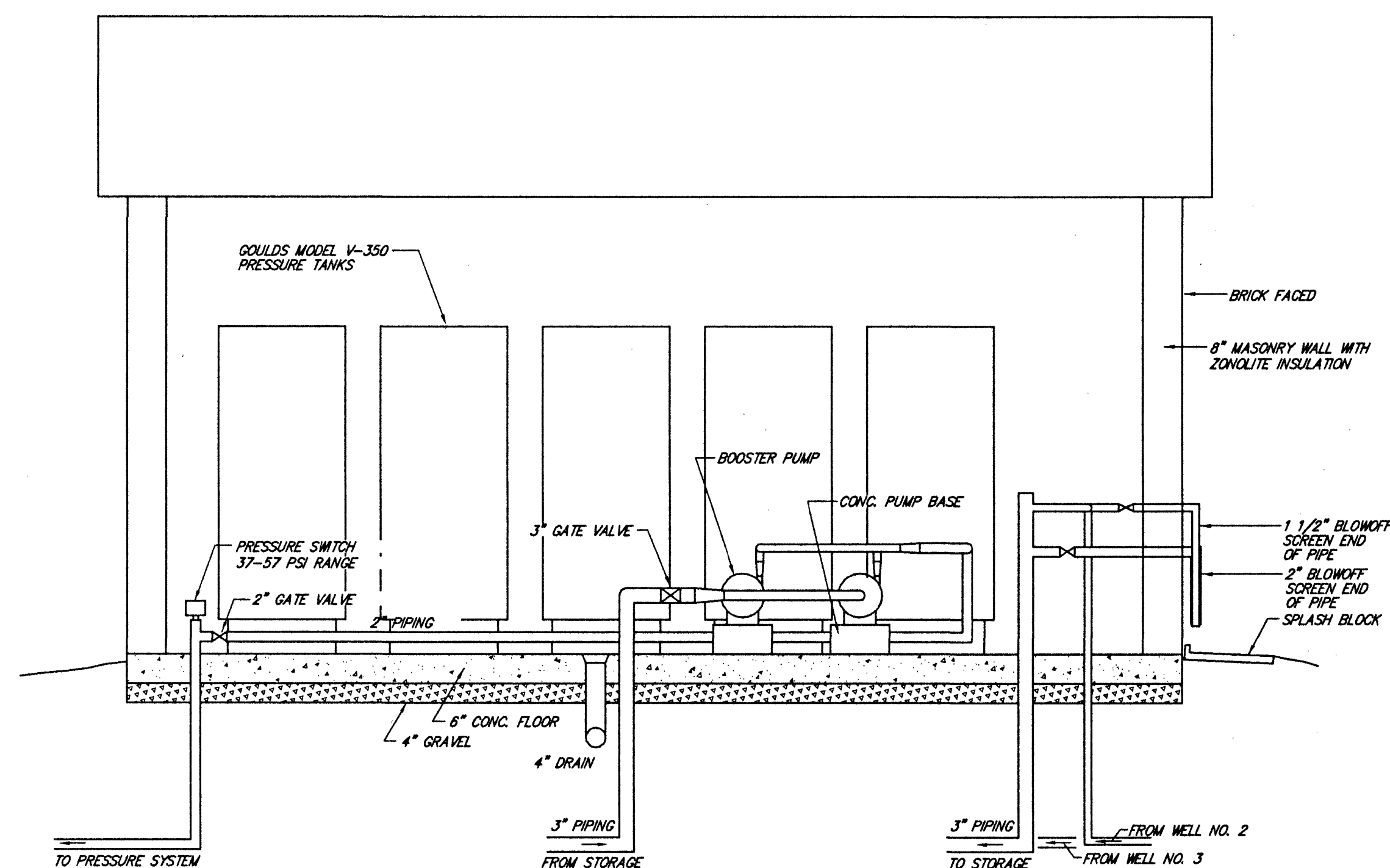
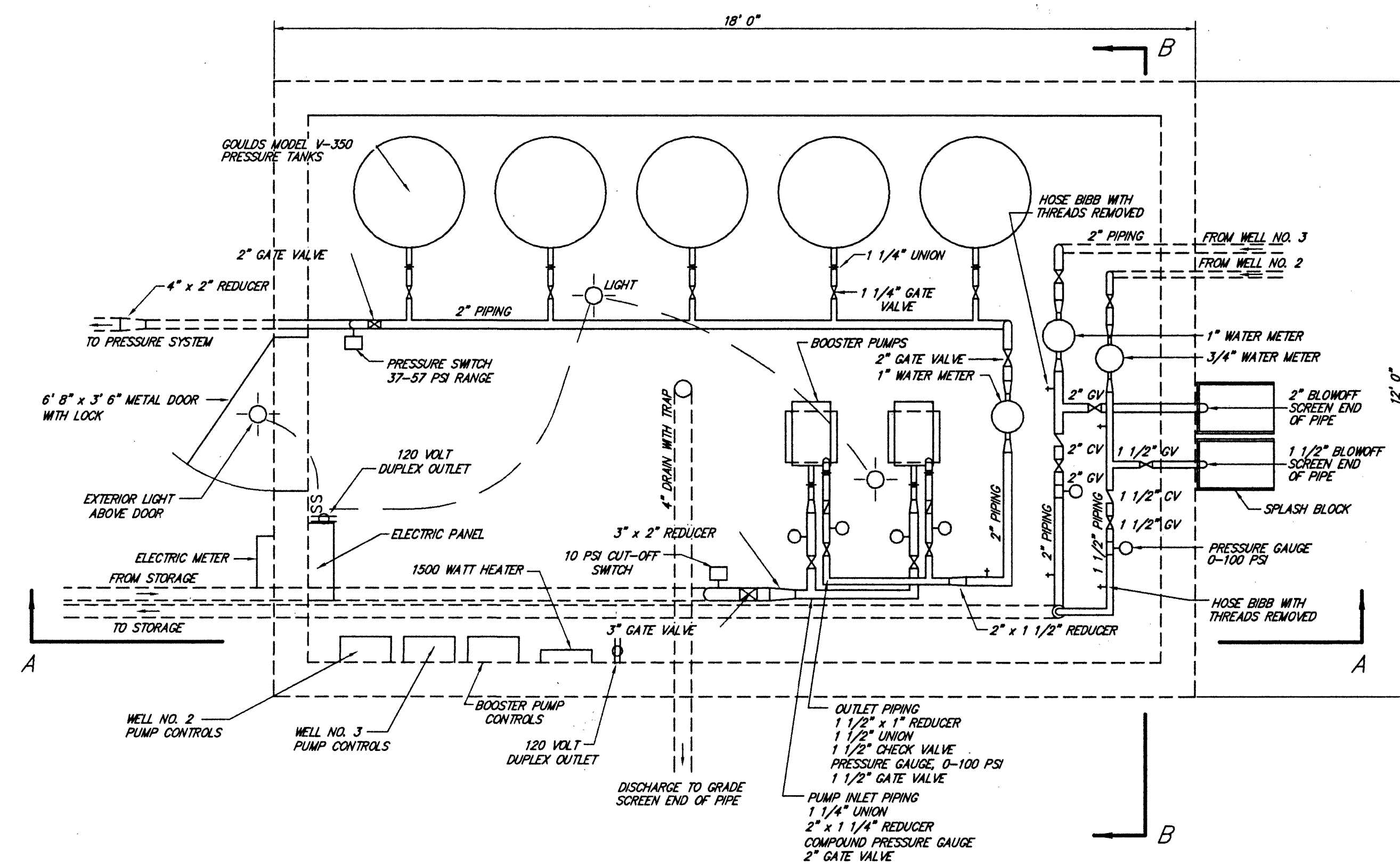




- GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO BOTETOURT COUNTY AND VIRGINIA DEPT. OF HEALTH STANDARDS AND SPECIFICATIONS.
2. WELL HOUSE CONSTRUCTION SHALL COMPLY WITH APPLICABLE BOCA BUILDING CODES.
3. INTERIOR PIPING SHALL BE SCHEDULE 40 PVC, NSF APPROVED PIPE.
4. SEE SHEET 8 FOR WELL DETAILS.
5. SEE SHEET 10 FOR WATER TANK DETAILS.

- PUMPS AND PUMP CONTROLS:**

1. WELL PUMPS SHALL BE CONTROLLED BY A PRESSURE SWITCH LOCATED ON THE DRAIN LINE OF THE STORAGE TANK. SEE SHEET B FOR ADDITIONAL WELL PUMP SPECIFICATIONS.
2. BOOSTER PUMPS SHALL BE GOULDS MODEL H5C07, 3/4 HORSEPOWER, SINGLE PHASE, 230 VOLT.
3. BOOSTER PUMPS SHALL BE CONTROLLED BY A PRESSURE SWITCH WITH PUMP ON SET AT 37 PSI AND PUMP OFF SET AT 57 PSI.
4. BOOSTER PUMP CONTROLS SHALL PROVIDE FOR ALTERNATION OF PUMPS WITH ON-OFF CYCLES. BOOSTER PUMP CONTROLS SHALL ALSO INCLUDE PROVISIONS FOR BACKUP CONTROL OF PUMPS.

- ELECTRICAL NOTES:**

1. ALL PUMPS SHALL BE CONTROLLED BY STARTERS AND SHALL HAVE INDIVIDUAL HOA SWITCHES.
2. STARTERS SHALL BE SIZED ONE SIZE LARGER THAN HORSEPOWER REQUIRED. HEATERS SHALL BE SIZED FOR ACTUAL CURRENT LOAD.
3. ALL CONTROL CIRCUITS SHALL BE 120 VOLT.
4. HOUR RUN METERS SHALL BE PROVIDED FOR EACH PUMP.
5. ELECTRICAL SERVICE SHALL BE PROVIDED WITH LIGHTNING ARRESTERS.
6. THE WELL SHALL HAVE A WET WELL HOUSE WITH A MINIMUM OF 20 CIRCUITS, 200 AMP MINIMUM.
7. ALL ELECTRICAL WIRING SHALL BE PLACED IN CONDUIT.
8. THE WELL HOUSE SHALL BE CONSIDERED A WET LOCATION FOR INTERPRETATION OF THE NATIONAL ELECTRIC CODE REQUIREMENTS.
9. ALL SWITCHES SHALL HAVE A MINIMUM 20 AMP RATING.
10. ALL RECEPTACLES SHALL BE OF PROTECTED TYPE.
11. ALL ELECTRICAL EQUIPMENT NOT IN PUMP SHALL BE MANUFACTURED UNITS WITH UL LISTING AND SHALL INCLUDE THE MANUFACTURER'S WARRANTY.
12. SERVICE DISCONNECT SHALL BE LOCKABLE.