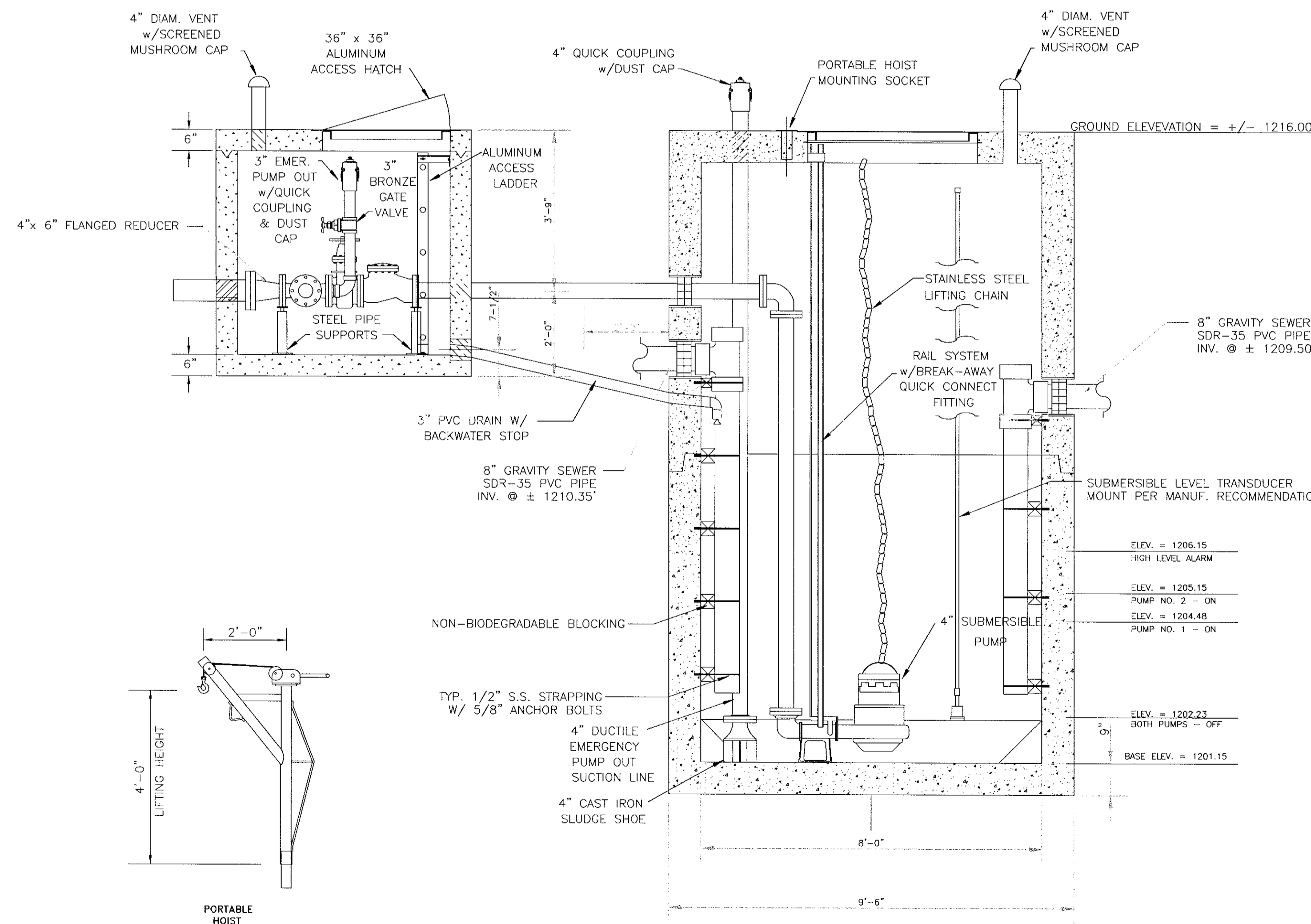


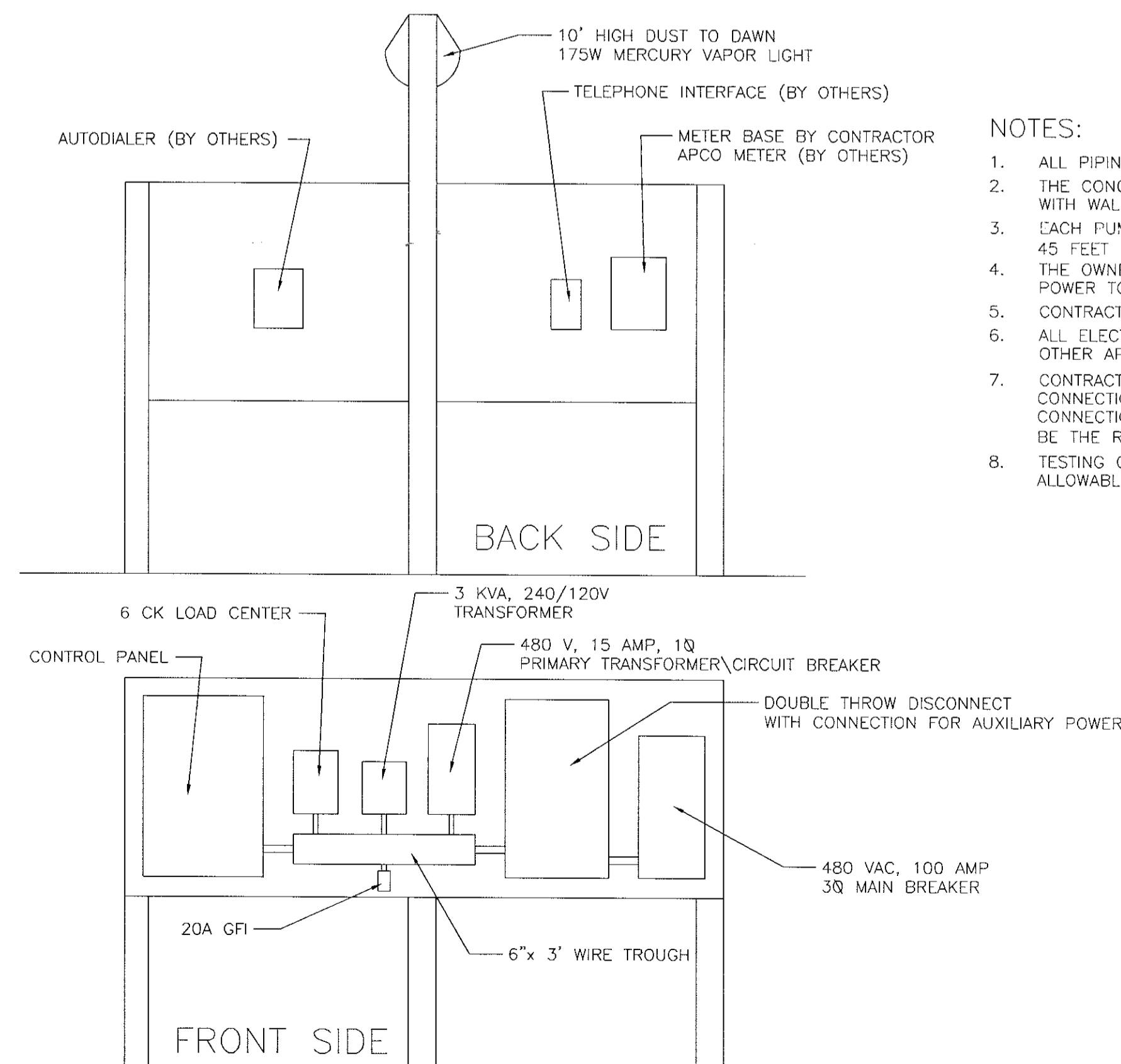
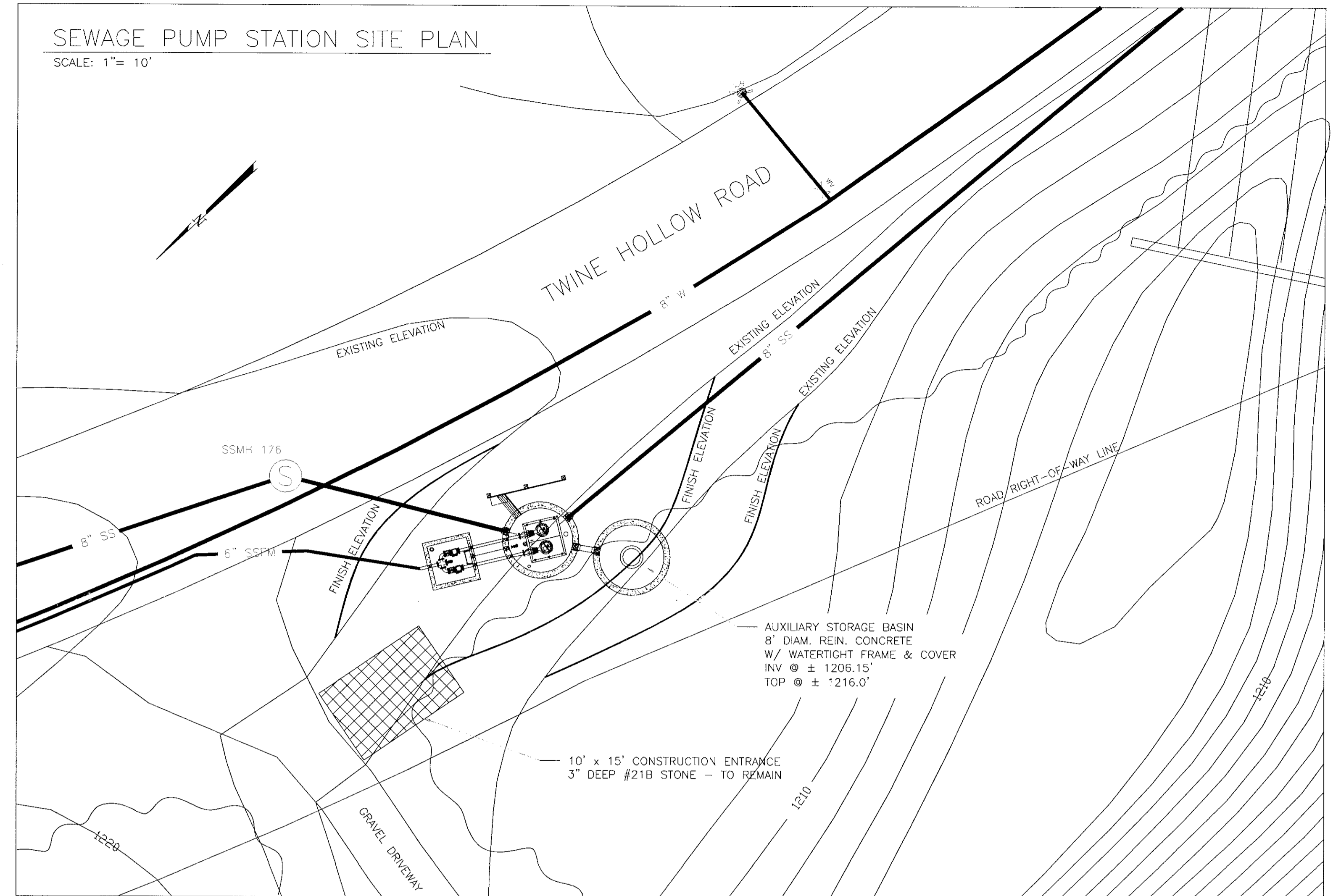
NOTES:

1. ALL PIPE PENETRATIONS THROUGH PRECAST STRUCTURES SHALL BE SEALED BY APPROPRIATELY SIZED STEEL WALL SLEEVE AND "LINK SEAL" UNLESS OTHERWISE NOTED.



SEWER PUMP STATION
SCALE: 1" = 2'

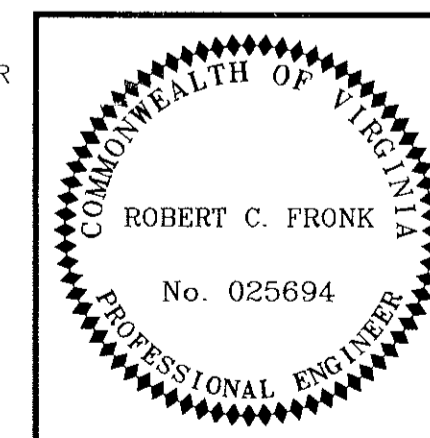
SEWAGE PUMP STATION SITE PLAN
SCALE: 1" = 10'



ELECTRICAL PANEL LAYOUT
SCALE: 1" = 2'

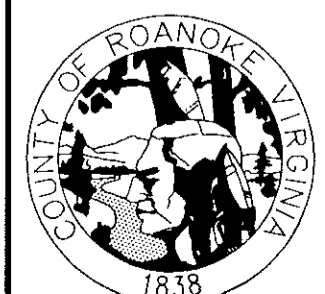
NOTES:

1. ALL PIPING TO BE CLASS 52 DUCTILE IRON UNLESS OTHERWISE NOTED.
2. THE CONCRETE WET WELL AND DRY WELL/VALVE VAULT TO BE PRECAST CONCRETE SECTIONS WITH WALL SLEEVES FOR ALL PRESSURE PIPING AND FLEXIBLE BOOT FOR ALL OTHER PIPING.
3. EACH PUMP SYSTEM SHALL BE CAPABLE OF DELIVERING 190 GPM AGAINST 45 FEET TDH.
4. THE OWNER WILL BE RESPONSIBLE FOR COORDINATION WITH AEP TO PROVIDE PERMANENT POWER TO THE PUMP STATION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY POWER TO THE PUMP STATION SITE.
6. ALL ELECTRICAL AND CONTROL EQUIPMENT SHALL BE INSTALLED ACCORDING TO NEC AND ALL OTHER APPLICABLE CODES OR STANDARDS.
7. CONTRACTOR SHALL BE REQUIRED TO SET ALL CONCRETE STRUCTURES AND MAKE ALL PIPING CONNECTIONS. INSTALLATION AND CONNECTION OF ALL ELECTRICAL EQUIPMENT FROM POINT OF CONNECTION TO AEP METER, CONTROLS, MECHANICAL, AND ALL ASSOCIATED APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE OWNER.
8. TESTING OF WET WELL AND AUXILIARY STORAGE BASIN TO BE ACCOMPLISHED BY EXFILTRATION METHOD. ALLOWABLE LEAKAGE IS 5 GALLONS PER 24 HOURS.



PLAN AND PROFILE FOR
TWINE HOLLOW SEWAGE PUMP STATION
TWINE HOLLOW WATERLINE &
SANITARY SEWER EXTENSION
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY R.C.F.
DESIGNED BY R.C.F.
CHECKED BY
PROJECT NO.
SCALE: AS SHOWN



ROANOKE COUNTY
UTILITY DEPARTMENT
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SALEM, VA 24153