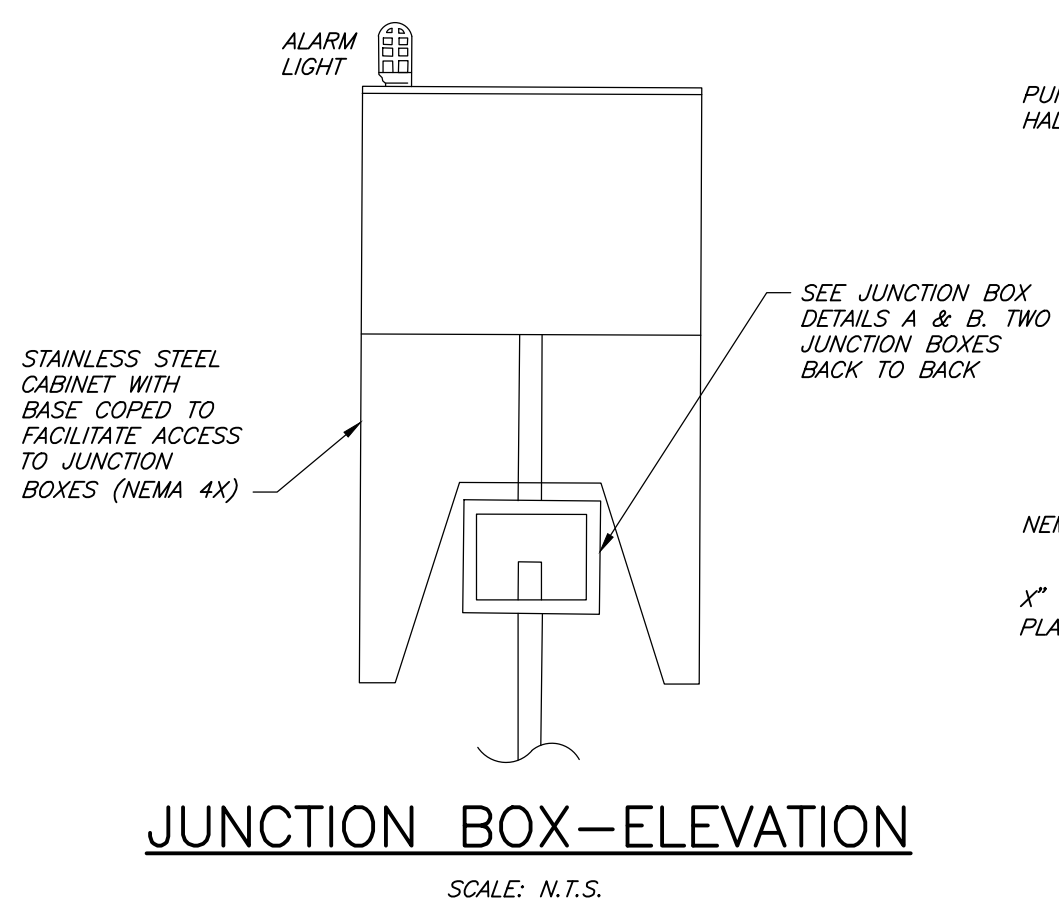
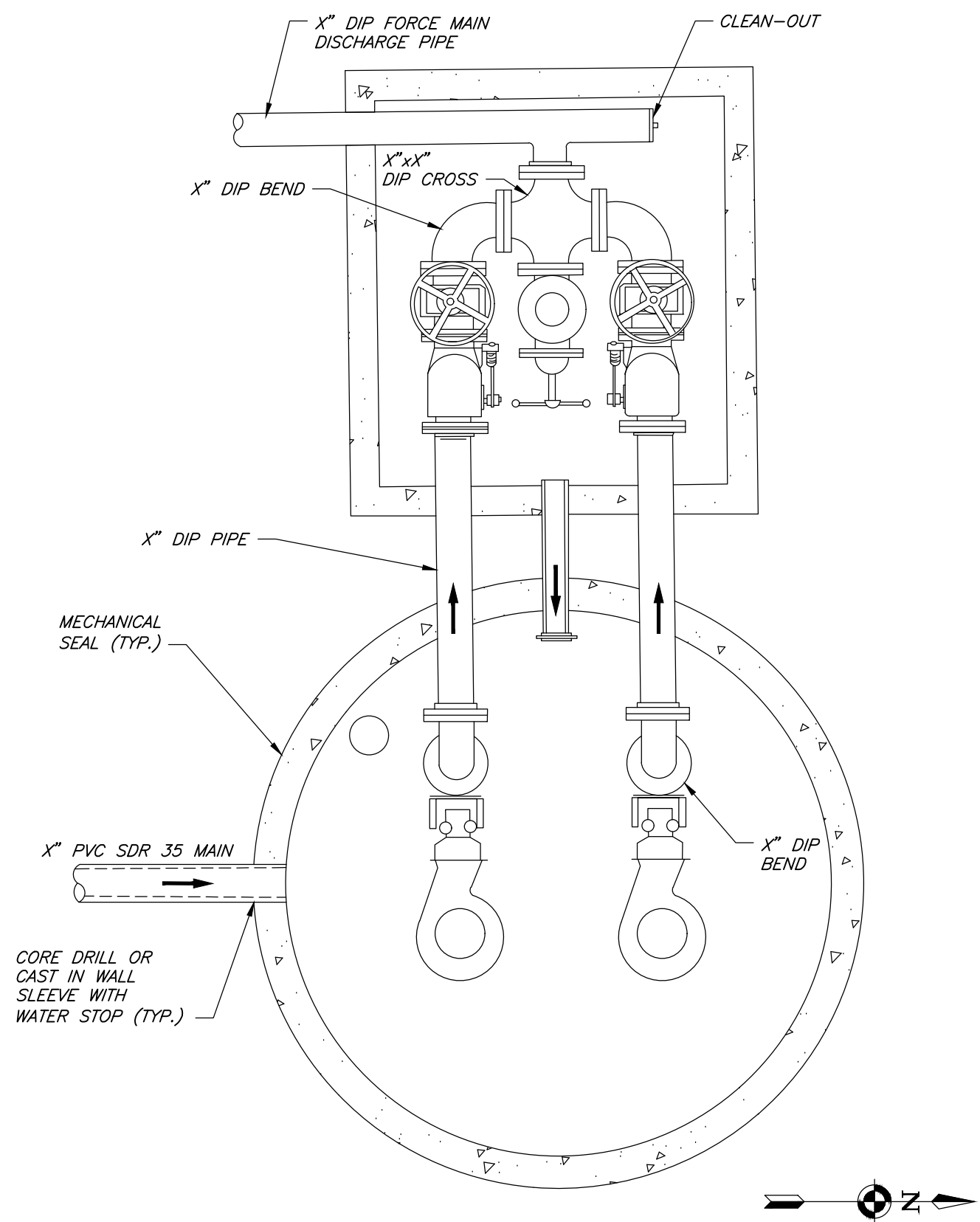


Drawing Name: S:\Projects\LaGrange\1\Genera\12977.01_Site Plan_Reviews\12977.01 Task 01 Sleight Form 5&6 Subd Review\Acad\Civil\Saxon Drive Pump House - Details.dwg Date last accessed: 9/6/2018 4:30 PM Date last plotted: 9/11/2018 12:38 PM Plot:



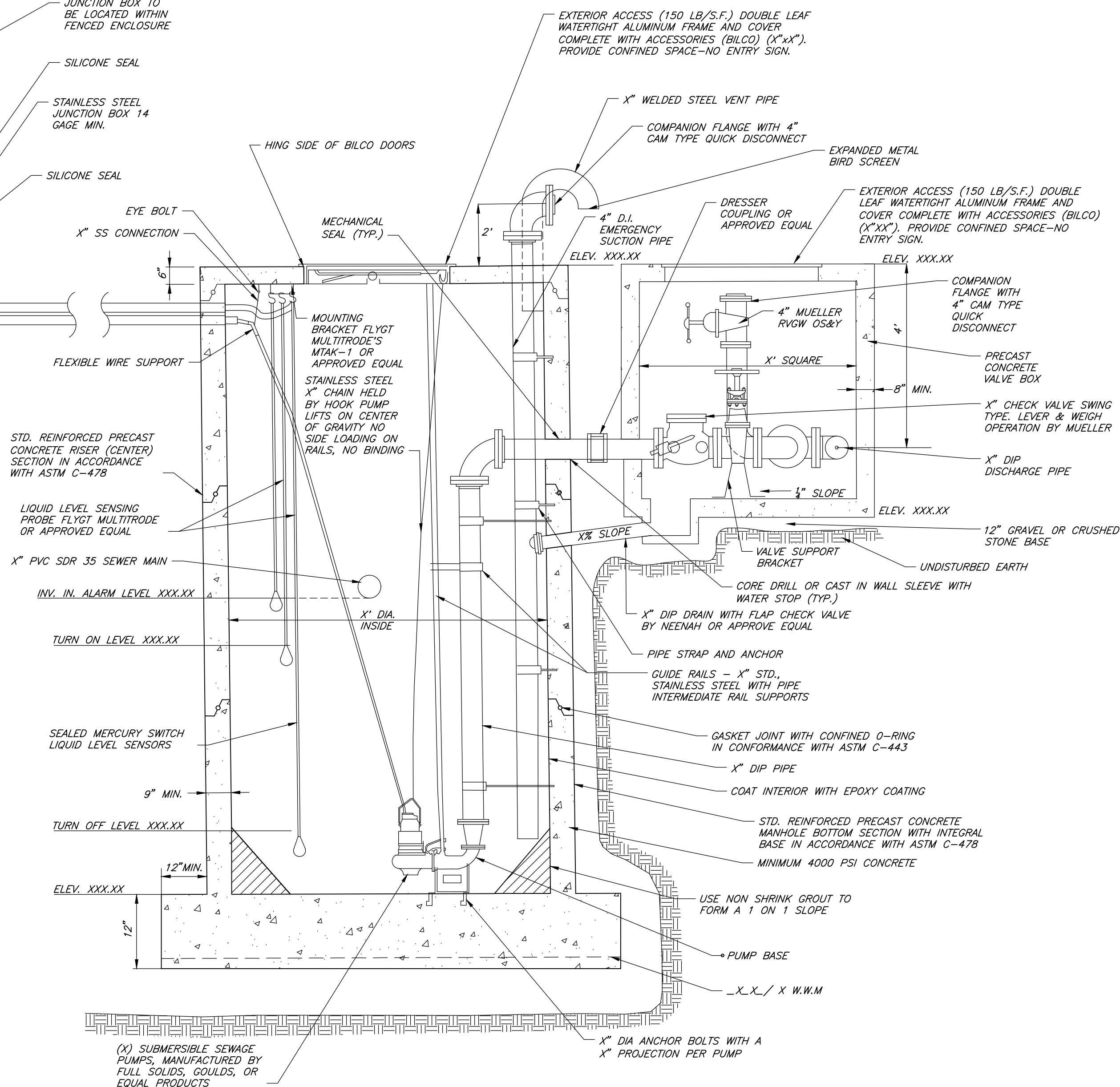
JUNCTION BOX-ELEVATION

SCALE: N.T.S.



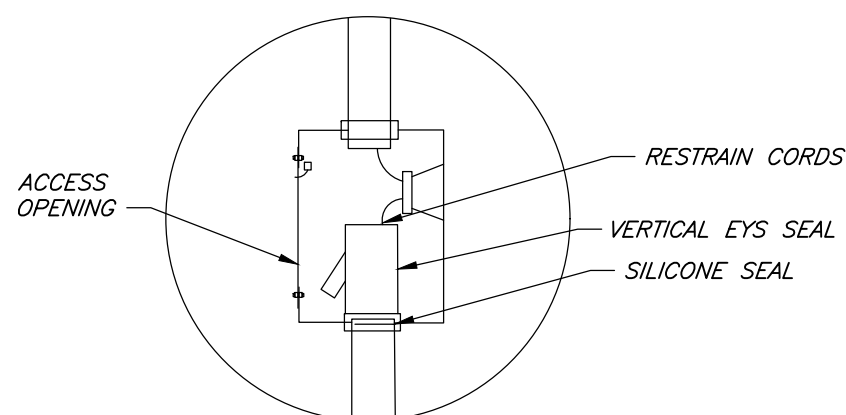
PUMP STATION
PLAN VIEW

SCALE: NTS



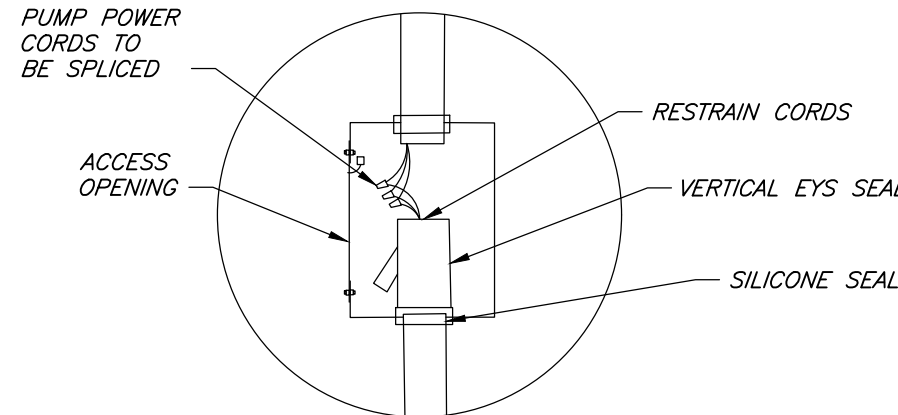
PUMP STATION
SIDE SECTION

SCALE: N.T.S.



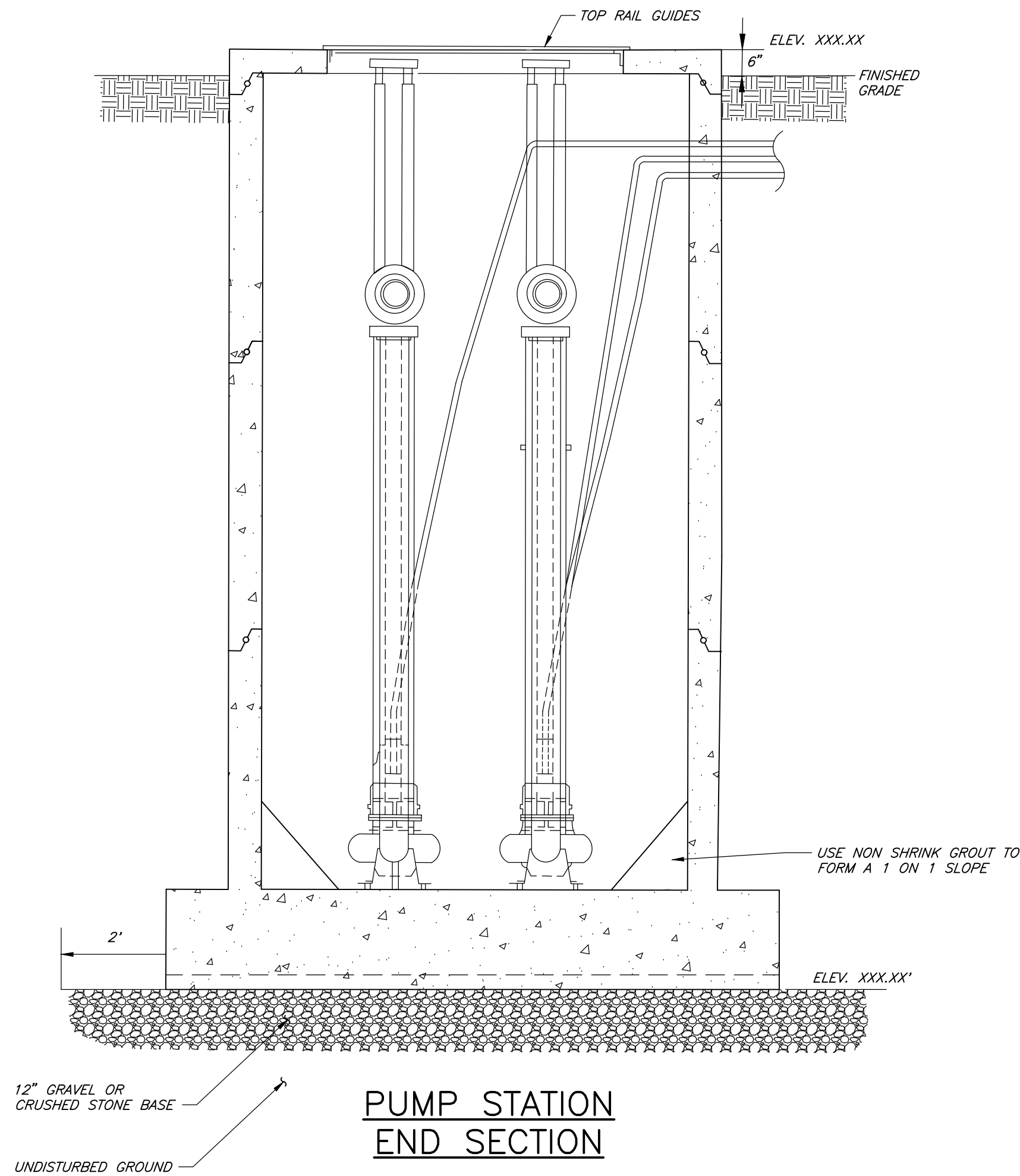
JUNCTION BOX-DETAIL A

SCALE: N.T.S.



JUNCTION BOX-DETAIL B

SCALE: N.T.S.



PUMP STATION
END SECTION

SCALE: N.T.S.

- NOTES:
1. ALL HARDWARE (I.E. NUTS, BOLTS, ANCHORS, ETC....) TO BE STAINLESS STEEL.
 2. X-INCH EQUALIZATION PIPE NOT SHOWN FOR CLARITY.
 3. ALL ELECTRICAL WORK TO CONFORM TO NEC STANDARD, LATEST EDITION.
 4. ALL PIPE PENETRATIONS OF WET WELL CHAMBER TO BE SEALED TO PREVENT SURFACE OR GROUNDWATER INTRUSION.
 5. THE PUMP STATION, GENERATOR, AND CONTROL PANEL SHALL ALL BE LOCATED WITHIN A FENCE ENCLOSURE WITH SCREENING. PROVIDE SIGN ON FENCE, "NO ENTRY, AUTHORIZED PERSONNEL ONLY."
 6. THE PUMP STATION ENCLOSURE SHALL PROVIDE PAVED ACCESS FOR SEWER PUMP TRUCK AND SMALL MAINTENANCE VEHICLES.
 7. A CRANE CAPABLE OF LIFTING THE PROPOSED SUBMERSIBLE PUMP SHALL BE PERMANENTLY MOUNTED AT A LOCATION FOR ACCESS TO BOTH SUBMERSIBLE PUMPS.
 8. A GENERATOR SHALL BE PROVIDED THAT IS SIZED, AS A MINIMUM, TO MEET THE POWER DEMANDS OF ONE PUMP, CONTROL PANEL, AND LIGHTING. PROPANE OR IF AVAILABLE, NATURAL GAS IS PREFERRED.
 9. BUOYANCY CALCULATIONS TO BE PROVIDED.
 10. PERFORM 24 HYDROSTATIC TEST OF PUMP STATION WITH ALLOWABLE LEAK OF 100-GAL/MILE/24 HOURS PER ONE INCH OF INTERNAL DIAMETER

CONTROL PANEL NOTES:

1. LIGHTING SHALL BE PROVIDED FOR VISIBILITY OF THE CONTROL PANEL, GENERATOR AND WET WELL.
2. HOUR METERS SHALL BE MOUNTED TO THE OUTSIDE OF THE DOOR FACE.
3. CONTROL PANEL SHALL COMMUNICATE OPERATOR INFORMATION TO THE WWTP SCADA SYSTEM.
4. CONTROL PANEL SHALL BE PROVIDED BATTERY BACKUP POWER.
5. ALARMS INCLUDE IN CONTROL PANEL SHALL AT MINIMUM INCLUDE: HIGH LEVEL, PUMP FAIL, GENERATOR ON, GENERATOR LOW FUEL, AND GENERATOR FAIL



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REVISIONS
NO. DATE BY CHECKED DESCRIPTION

TOWN OF LAGRANGE

SEWER PUMP STATION

DUTCHESS COUNTY, NEW YORK

DATE 8/28/18 DRAWN CML CHECKED GWB

SCALE AS NOTED

SHEET TITLE

PUMP STATION
TEMPLATE DETAIL

PROJECT NUMBER

11278.97

C-101

DRAWING NUMBER