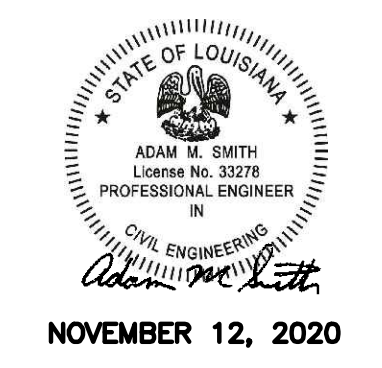
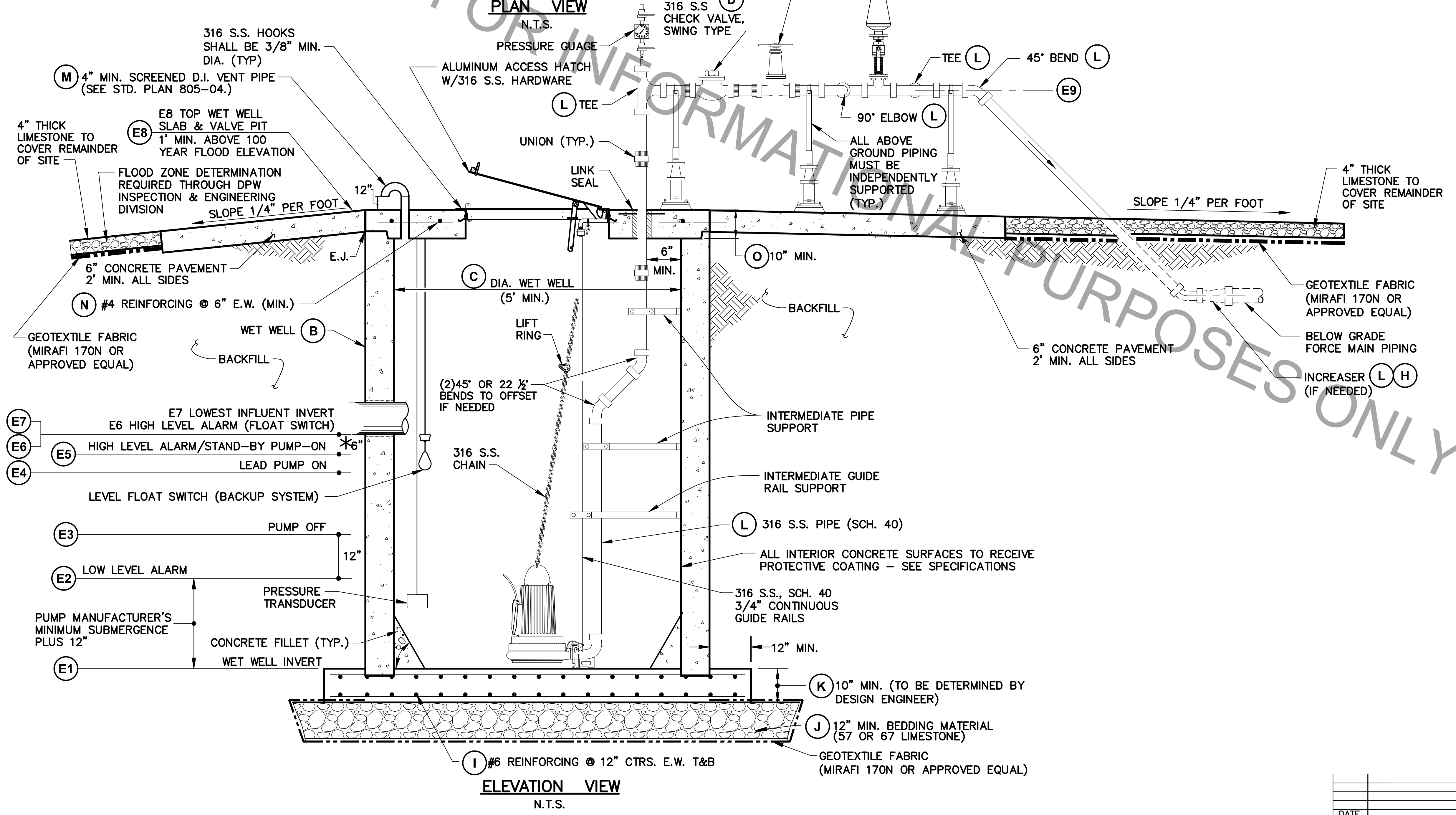
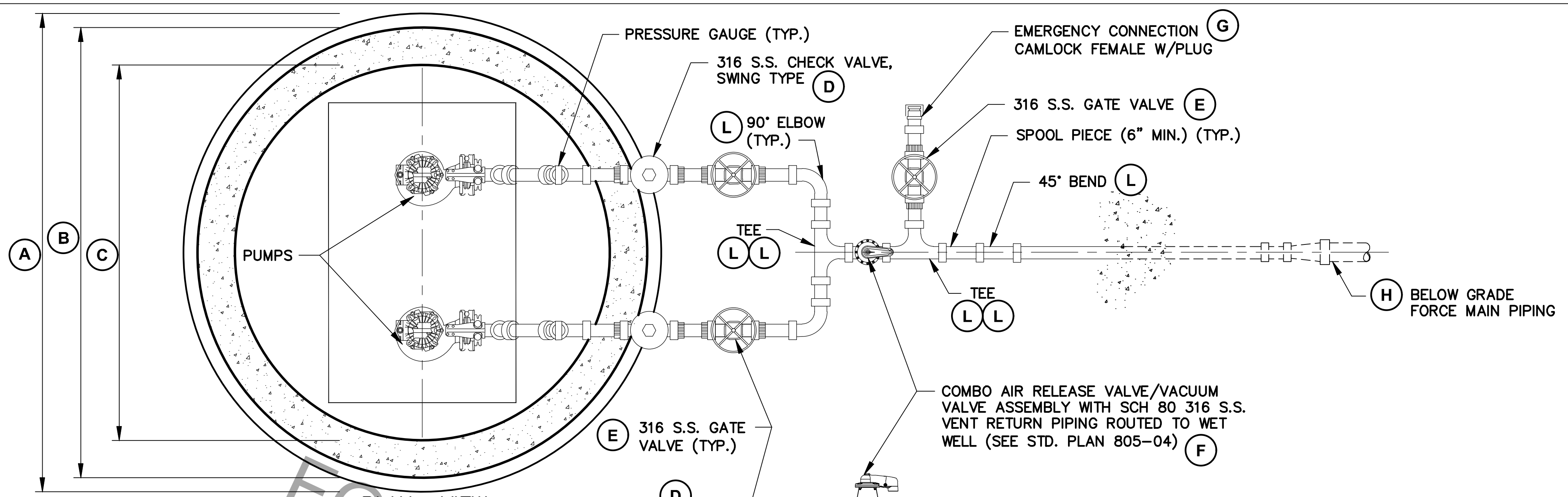


PROJECT NO.	SHEET

GENERAL NOTES:

- GRINDER PUMP STATION (TYPE 1A) ONLY ALLOWED FOR LOW FLOWS DISCHARGING INTO GRAVITY COLLECTION SYSTEMS. REQUIRES AUTHORIZATION BY DES PRIOR TO USE.
- PIPING MAY BE SHOWN ROTATED FOR CLARITY.
- WET WELL INTERIOR AND ALL EXPOSED D.I. PIPING SHALL BE COATED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL REINFORCING SHALL BE ASTM 615 GRADE 60, #6 BARS @ 12" CENTER TO CENTER, EACH WAY TOP AND BOTTOM, AS SHOWN. PROVIDE ADDITIONAL BARS AROUND OPENING.
- ALL FASTENERS IN WETWELL SHALL BE 316 STAINLESS STEEL. ALL PARTS IN WETWELL TO BE COATED AND/OR STAINLESS STEEL AS STATED IN THE SPECIFICATIONS.
- ACCESS DOORS/HATCHES SHALL BE ALUMINUM W/316 STAINLESS STEEL HARDWARE AND FALL PROTECTION GRATING (BILCO JD OR EQUAL).
- CONTROL PANEL AND ELECTRICAL NOT SHOWN, REFER TO ELECTRICAL DRAWINGS.
- GRINDER PUMP STATION DISCHARGE PIPING SHALL BE 1 1/2" OR 2" DIAMETER. BELOW GRADE FORCE MAIN PIPING MAY BE LARGER AS DETERMINED BY THE DESIGN ENGINEER.
- INSTALL LINK SEAL FOR TOP SLAB PENETRATION WITH EXPANSION BOLTS ACCESSIBLE FROM TOP OF SLAB.
- LIMITS OF EXCAVATION TO BE DETERMINED BY THE CONSTRUCTION EXCAVATION METHOD SELECTED BY CONTRACTOR. MAINTAINING THE STABILITY OF THE SLOPED SIDES OF EXCAVATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH OSHA REGULATIONS AND ANY LOCAL CODES OR ORDINANCES.
- PUMP STATION BEDDING AND BACKFILL SHALL CONFORM TO SECTION 805 OF THE SPECIFICATIONS.
- ALL PUMP STATIONS SHALL HAVE A BACKFLOW PREVENTOR AND HOSE BIB CONNECTION INSTALLED. SEE STD. PLAN 805-04.
- ALL ELECTRICAL CONDUIT PENETRATING CONCRETE WALLS SHALL BE SINGLE PENETRATION AND IN SEPARATE SLEEVES. PENETRATIONS SHALL BE A MINIMUM OF 2" APART MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE DIAMETER.
- LEVEL DIMENSIONS ARE A MINIMUM. DOORS MUST PROVIDE DIRECT ACCESS FOR UNOBSTRUCTED REMOVAL OF PUMPS.
- 6" CONCRETE SLAB AROUND PUMP STATION SHALL HAVE WWF PLACED AT MIDPOINT 6x6 - W4xW4.



STANDARD PLAN NO. 805-18	DATED NOVEMBER 12, 2020	SHEET NO. 1 OF 2
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SUBMERSIBLE GRINDER PUMP STATION DETAILS (TYPE IA STATION)

ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED A. SMITH	DRAWN S. CORTEZ	CHECKED	APPROVED

DATE	DESCRIPTION REVISIONS	BY