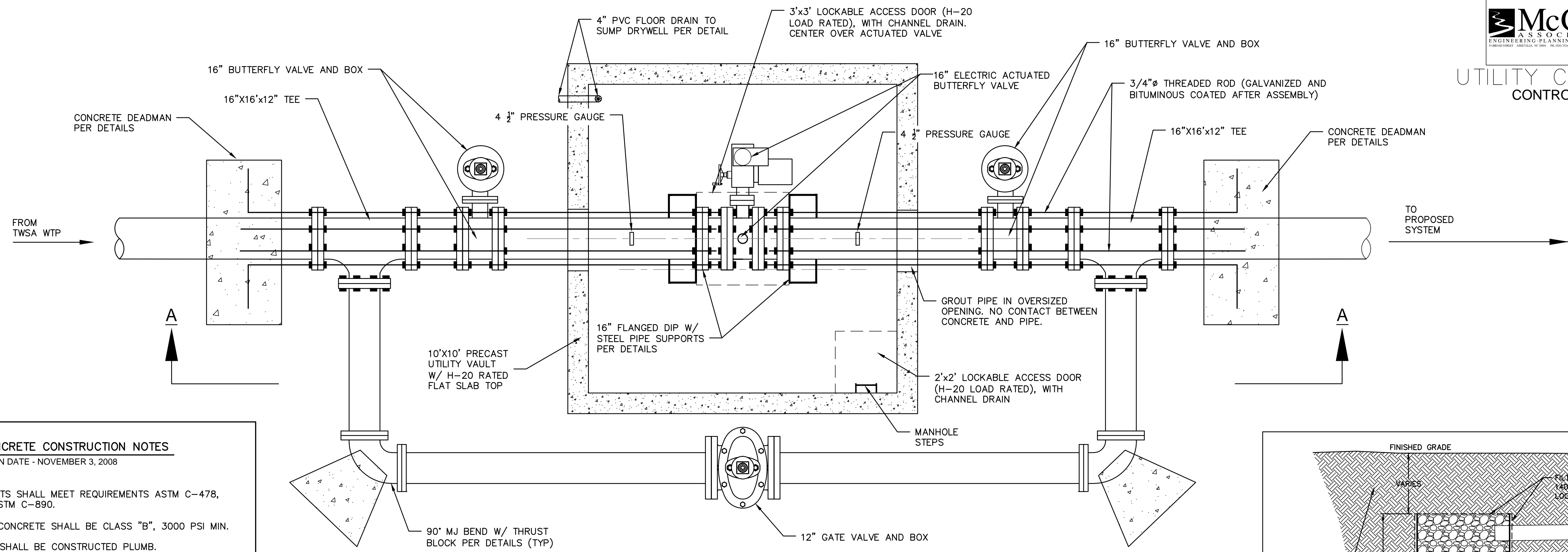
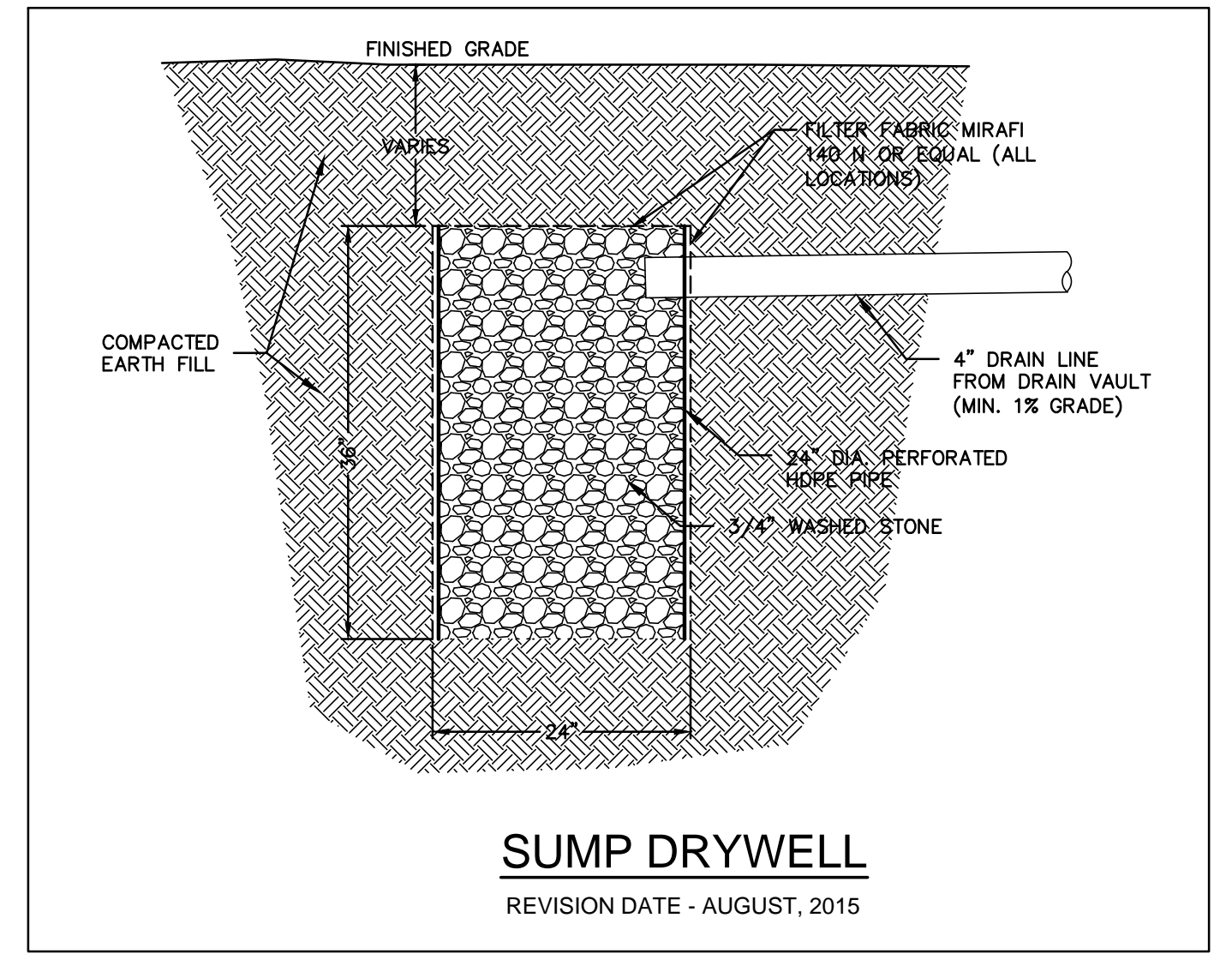


UTILITY CONSTRUCTION  
CONTROL VALVE VAULT



PLAN



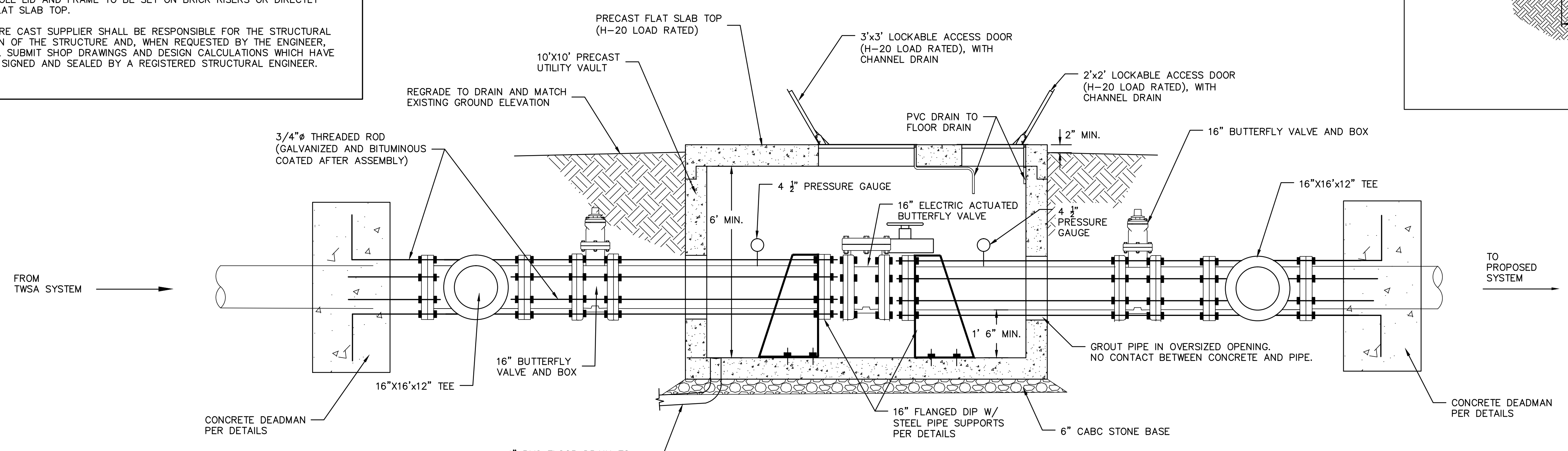
SUMP DRYWELL  
REVISION DATE - AUGUST, 2015

**PRECAST CONCRETE CONSTRUCTION NOTES**  
REVISION DATE - NOVEMBER 3, 2008

1. ALL PRE CAST COMPONENTS SHALL MEET REQUIREMENTS ASTM C-478, LATEST REVISION, AND ASTM C-890.
2. ALL "FORMED IN PLACE" CONCRETE SHALL BE CLASS "B", 3000 PSI MIN.
3. ALL PRE CAST SECTIONS SHALL BE CONSTRUCTED PLUMB.
4. ALL GRADES SHOWN ON THE PLANS ARE FOR THE CENTER OF INVERT.
5. IF MANHOLES OR VAULTS ARE SET IN LOCATION OF HIGH WATER TABLE OR UNDERGROUND WATER IS ENCOUNTERED, THE CONTRACTOR SHALL INSTALL UNDER DRAINS AND STONE AS DIRECTED IN THE FIELD BY THE ENGINEER.
6. STEPS SHALL BE INSTALLED ON STRAIGHT SIDE OF MANHOLES. STEPS IN EACH VAULT SECTION SHALL LINE UP VERTICALLY AND STEPS BETWEEN MANHOLE AND VAULT SECTIONS SHALL LINE UP VERTICALLY.
7. IF DEPTH OF VAULT DOES NOT REQUIRE USE OF MANHOLE SECTIONS, MANHOLE LID AND FRAME TO BE SET ON BRICK RISERS OR DIRECTLY ON FLAT SLAB TOP.
8. THE PRE CAST SUPPLIER SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE STRUCTURE AND, WHEN REQUESTED BY THE ENGINEER, SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER.

**NOTES:**

1. ALL FITTINGS, VALVE AND PIPING WITHIN 50' OF VALVE VAULT SHALL BE RESTRAINED JOINT
2. INSTALL FLAP VALVE AT VAULT DRAIN OUTLET
3. SEE ELECTRICAL PLAN FOR ACTUATED VALVE POWER AND SCADA TELEMTRY



SECTION A-A

PROPOSED CONTROL VALVE UTILITY VAULT  
NTS

REVISIONS