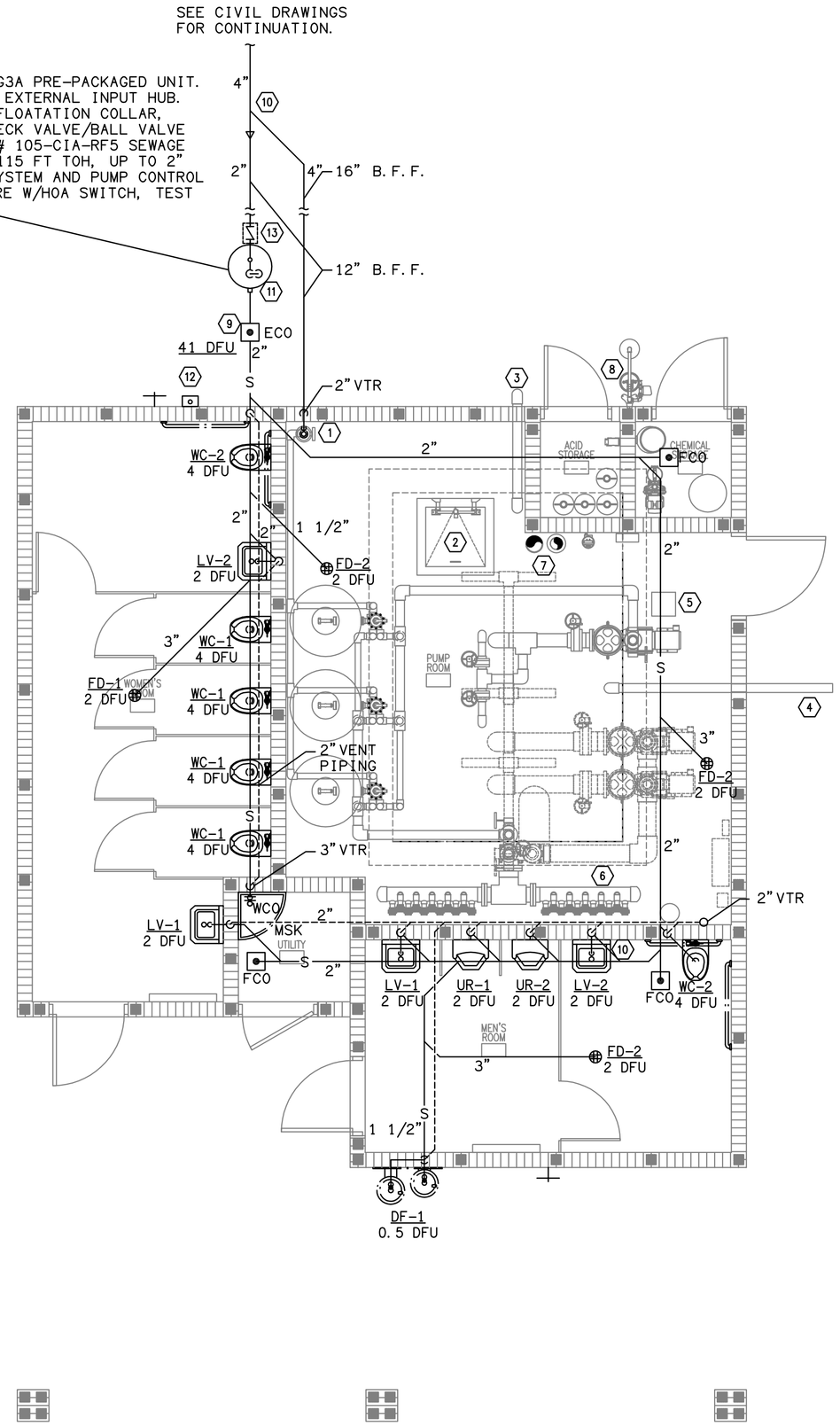
PACKAGED SEWAGE SYSTEM:

LITTLE GIANT MODEL # 10B-SMPX-LG3A PRE-PACKAGED UNIT. 20"X30" P.E. BASIN W/ 4" MOLDED EXTERNAL INPUT HUB. MOLDED PUMP TORQUE STOPS, ANTI-FLOATATION COLLAR, STAINLESS STEEL COVER BOLTS. CHECK VALVE/BALL VALVE COMBINATION LITTLE GIANT MODEL # 105-CIA-RF5 SEWAGE PUMP, 1/2 HP, 115/1/60, 45 GMP@ 115 FT TOH, UP TO 2" DIAMETER SOLID. PROVIDE ALARM SYSTEM AND PUMP CONTROL IN NEMA 4X WEATHERPROOF ENCLOSURE W/HOA SWITCH, TEST SWITCH, CABLES, AND FLOATS.

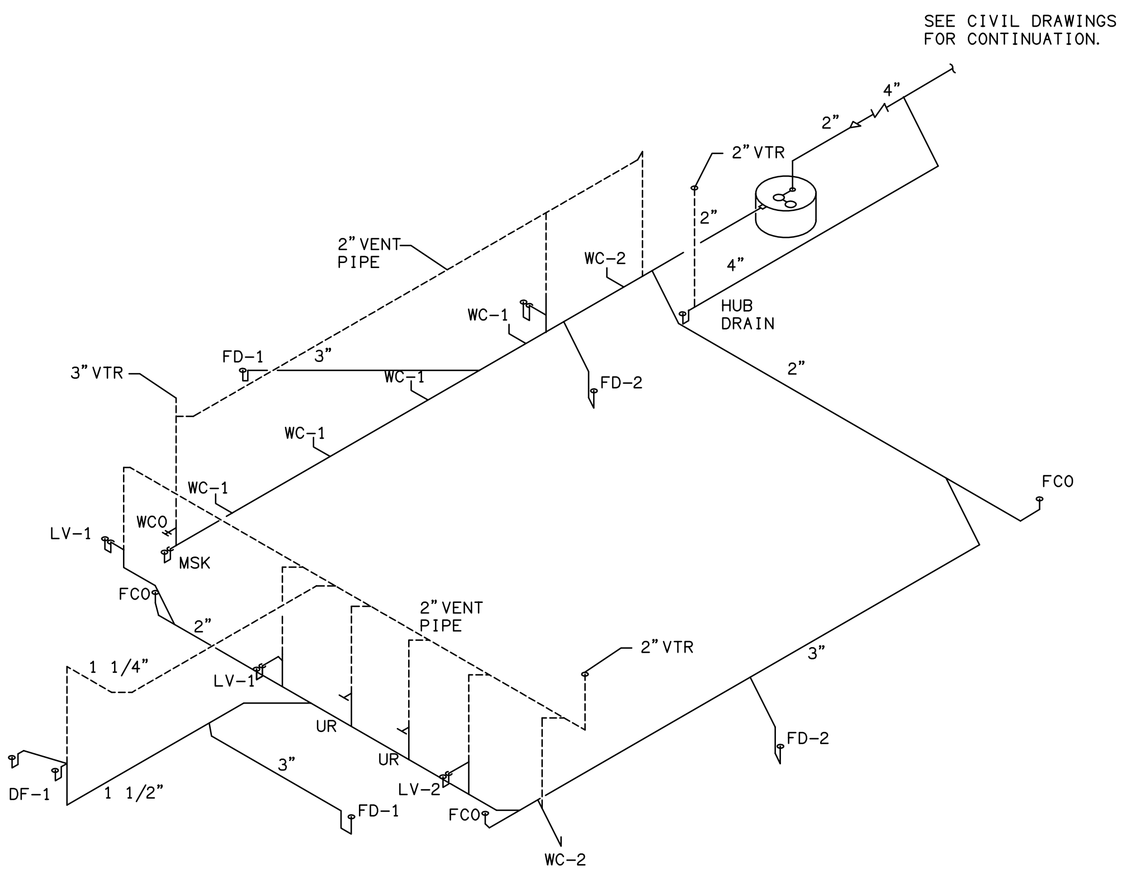


GENERAL NOTES:

1. COORDINATE ALL EQUIPMENT LOCATIONS TO PROVIDE SERVICE CLEARANCE REQUIRED BY THE MANUFACTURER.
2. ALL MECHANICAL EQUIPMENT AND ACCESSORIES PROVIDED FOR THE POOL CHEMICAL STORAGE AND THE POOL EQUIPMENT ROOM SHALL BE FIBERGLASS REINFORCED PLASTIC OR PVC. OTHER CHEMICAL RESISTANT MATERIALS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. SEE POOL LAYOUT DRAWINGS FOR DETAILS REGARDING CHEMICALS.
3. DRAINAGE PIPE ELEVATIONS ARE CRITICAL. COORDINATE CLOSELY WITH CIVIL DRAWINGS. MAINTAIN AS HIGH AS POSSIBLE.

KEY NOTES:

1. 6" BACKWASH HUB DRAIN CONNECTED TO 4" DRAIN PIPE. SEE PL4.02-9 FOR DETAILS.
2. TANK SERVICE HATCH WITH LADDER BY OTHERS.
3. SURGE TANK VENTILATION TO THE EXTERIOR BY OTHERS.
4. 4" SURGE TANK OVERFLOW PIPE BY OTHERS
5. OBSERVATION TUBE BY OTHERS.
6. WATER SUPLY TO PARK FEATURES BY OTHERS. COORDINATE PIPING HEIGHT WITH PARK WATER FEATURE CONSULTANT.
7. 1 1/2" DOMESTIC WATER SERVICE TO TANK MAKE-UP.
8. EMERGENCY EYEWASH STATION WITH DRENCH SHOWER.
9. PROVIDE TESTING TEE WITH 2-WAY CLEAN OUT.
10. CONNECT BACKWASH INTO THE SANITARY PIPING 25' DOWNSTREAM OF SEWAGE PUMPING SYSTEM.
11. TERMINATE SEWAGE PUMPING SYSTEM VENT WITH GOOSENECK.
12. WALL MOUNTED ALARM SYSTEM AND CONTROL SYSTEM FOR PACKAGED SEWAGE PUMPING SYSTEM.
13. PROVIDE CONCRETE VALVE BOX WITH LID FOR PACKAGED SEWAGE PUMPING SYSTEM CHECK VALVE.



SANITARY AND VENT PIPING

SCALE: 1/4" = 1'-0"

1 SANITARY AND VENT RISER DIAGRAM

SCALE: NOT TO SCALE

CONSTRUCTION DOCUMENTS

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GRAEF PROJECT #2009-4110

CAD DWG FILE: PL01-P201-104110.DWG

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SANITARY AND VENT PIPING PLAN

MANATEE COUNTY – LINCOLN SPLASH PARK

501 17TH STREET EAST PALMETTO, FL 34221

REVISIONS:

PROJECT NO: 10-4110
DATE: 08.27.2010
DRAWN BY: CF
CHK'D BY: MR

Baltu Yorkos
LIC. NO. 60308

SHEET

P201