

PROJECT INFO

Job Name: **Brevard RNG Facility**
 Company:
 Contact:
 Job Type: **New Station**
 Water Type/Source: **Wastewater (Sewage)**
 Import/Domestic: **Import Acceptable**


PACKAGE/STARTUP

Offering: **Complete System**
 Mechanical: **All by Romtec Utilities**
 Pumps: **By Romtec Utilities**
 Control Panel: **By Romtec Utilities**
 Generator: **N/A**
 Advisor/Startup: **Mechanical & Electrical**
 Turnkey: **No**

DESIGN CRITERIA - WWF4D-V0-D0030-30x100-2P-43-00
FLOW RATE

Peak Inflow: **26** GPM
 Pumping Rate: **28** GPM (of single pump)
 Static Head: **2.2** Feet
 TDH: **97.0** Feet
 TDH Calcs: **Spec**

ACTIVE VOLUME

Max Pump Starts: **10.00** Starts/Hr
 Cycle Time: **6.00** Minutes
 Active Volume: **42.00** Gallons
 Active Volume: **5.61** Cu Feet
 Well Shape: **Round**
 Well Diameter: **4** Feet
 Well Dimensions: **N/A** **N/A**
 Cross-Section Area: **12.57** Sq Feet
 Min. Depth Required: **0.45** Feet
 Active Depth: **0.50** Feet

STORAGE VOLUME (if required)

Time:
 Flow Rate:
 Volume: **0.00** Gallons
 Volume: **0.00** Cu. Feet
 Min. Depth Required: **0.00** Feet
 Storage Depth:
 Minutes

ON-SITE POWER

Power: **480V / 3-Phase**

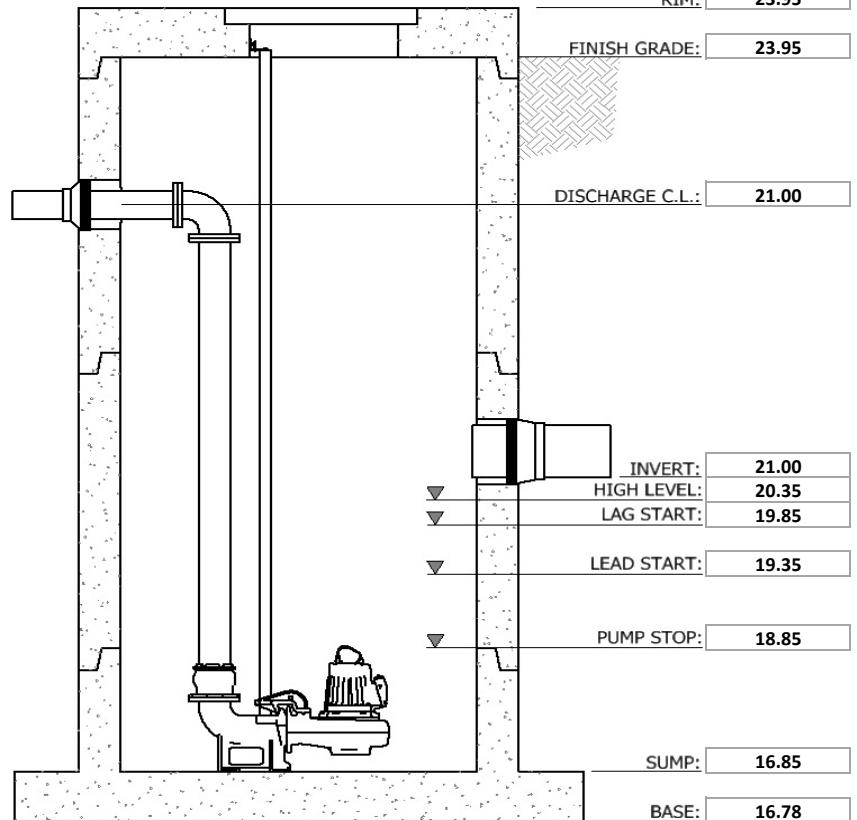
FORCE MAIN

FM Info: **New** **Single FM**
 Length:
 FM Discharge: **21.00** Feet
 FM High Point:
 Feet

(1) (2) (3)
 Nominal ID: **2"**
 Type/Rating: **HDPE DR11**

INFLUENT PIPING

(1) (2) (3)
 Influent Invert: **21**
 Influent Size: **6"**
 Type: **PVC (IPS)**



Note: Image is a preliminary representation of the pumping system.
 Elevations shown are the primary factors used for sizing the wet well.
 Backup levels not shown. Additional (or fewer) level settings may be required.