

PROJECT INFO

Job Name: **HEARTWELL VALENTINE**
 Company: **WORLEY / HEARTWELL**
 Contact:
 Job Type: **New Station**
 Water Type/Source: **Wastewater (Sewage)**
 Import/Domestic:


PACKAGE/STARTUP

Offering: **Complete System**
 Mechanical:
 Pumps:
 Control Panel:
 Generator:
 Advisor/Startup:
 Turnkey: **No**

DESIGN CRITERIA - WWC4D-V0-D0020-30x70-2P-23-0
FLOW RATE

Peak Inflow: **32** GPM
 Pumping Rate: **32** GPM (of single pump)
 Static Head: **5.2** Feet
 TDH: **67.0** Feet
 TDH Calcs: **Given**

ACTIVE VOLUME

Max Pump Starts: **12.00** Starts/Hr
 Cycle Time: **5.00** Minutes
 Active Volume: **40.00** Gallons
 Active Volume: **5.35** Cu Feet
 Well Shape: **Round**
 Well Diameter: **4** Feet
 Cross-Section Area: **12.57** Sq Feet
 Min. Depth Required: **0.43** Feet
 Active Depth: **0.50** Feet

ON-SITE POWER

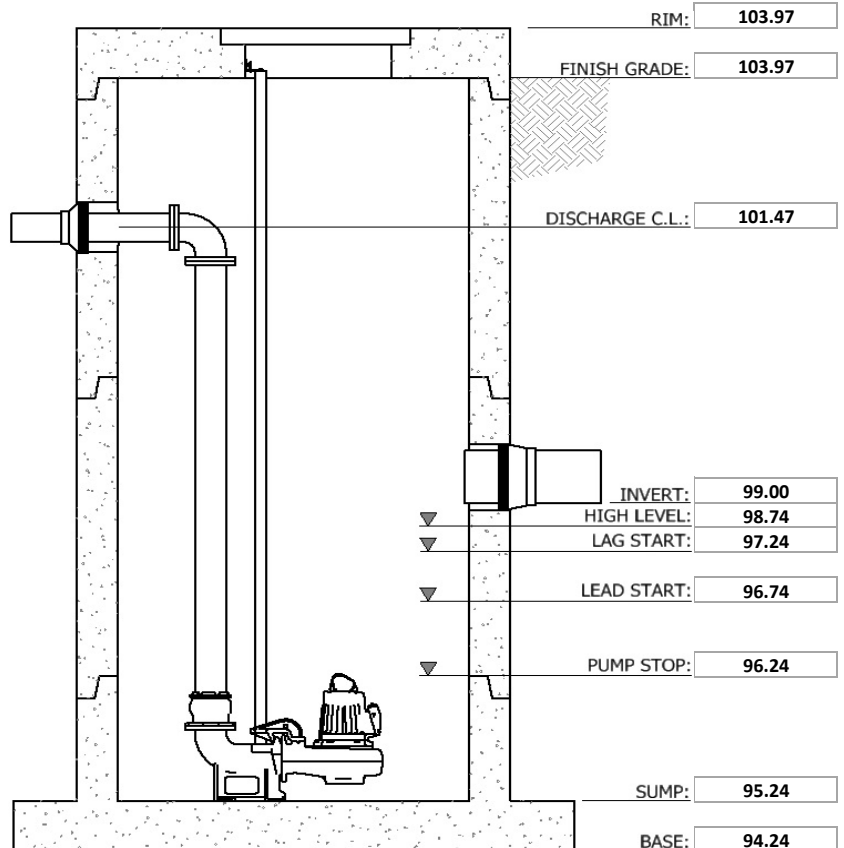
Power: **208V / 3-Phase**

FORCE MAIN

FM Info: **New** **Single FM**
 Length: **2300** Feet
 FM Discharge: Feet
 FM High Point: Feet
 (1) (2) (3)
 Nominal ID: **3"**
 Type/Rating: **CPVC SCH40**

INFLUENT PIPING

(1) (2) (3)
 Influent Invert: **99.00'**
 Influent Size: **6"**
 Type:



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.