

PROJECT INFO

Job Name: **Cleveland Street**
 Company: **City of Cottage Grove**
 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: **By Romtec Utilities**
 Advisor/Startup: **Mechanical & Electrical**
 Turnkey: **No**

DESIGN CRITERIA - WWC6D-VM-D0040-100x60-4D-43-00G
FLOW RATE

Peak Inflow: **98** GPM
 Pumping Rate: **135** GPM (of single pump)
 Static Head: **45.0** Feet
 TDH: **62.3** Feet
 TDH Calcs: **RU Calcs**

ACTIVE VOLUME

Max Pump Starts: **10.00** Starts/Hr
 Cycle Time: **6.00** Minutes
 Active Volume: **202.50** Gallons
 Active Volume: **27.07** Cu Feet
 Well Shape: **Round**
 Well Diameter: **6** Feet
 Well Dimensions: **N/A** **N/A**
 Cross-Section Area: **28.27** Sq Feet
 Min. Depth Required: **0.96** Feet
 Active Depth: **1.00** Feet

STORAGE VOLUME (if required)

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

ON-SITE POWER

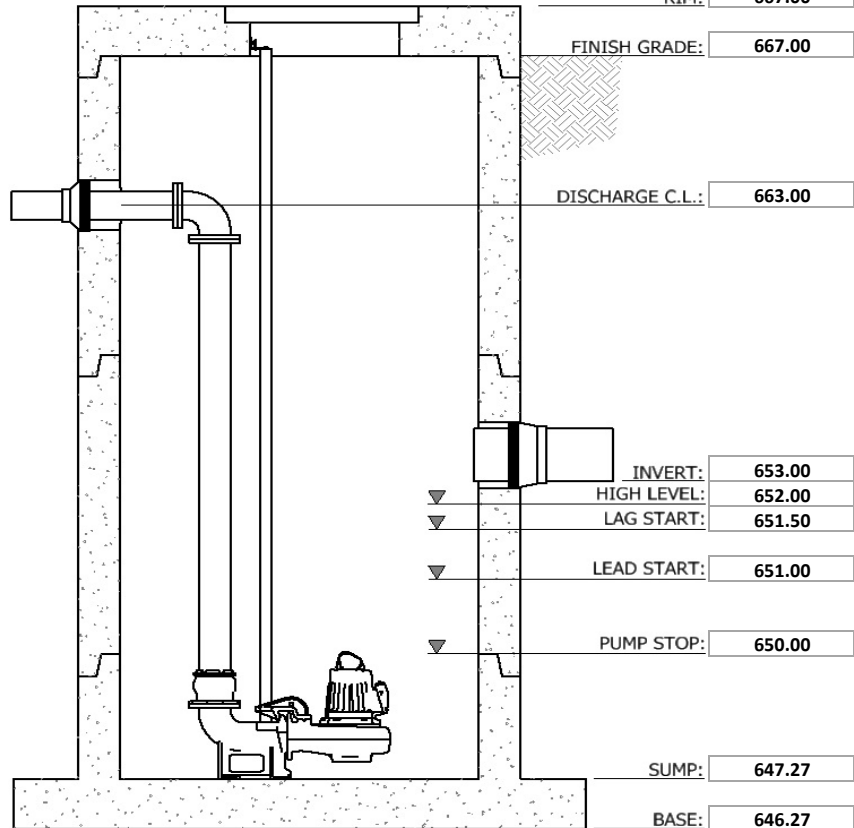
Power: **480V / 3-Phase**

FORCE MAIN

FM Info: **New** **Single FM**
 Length: **1580** Feet
 FM Discharge: **695.00** Feet
 FM High Point: **695.00** Feet
 (1) (2) (3)
 Nominal ID: **4"**
 Type/Rating: **PVC C900 DR18**

INFLUENT PIPING

(1) (2) (3)
 Influent Invert: **653**
 Influent Size: **8"**
 Type: **PVC (DIPS)**



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.