

PROJECT INFO

Job Name: **MHJ Flood Control - Non-Redundant**
 Company:
 Contact:
 Job Type: **New Station**
 Water Type/Source: **Stormwater**
 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 - SWC10D-00-T0150-2000x20-10D-43-0
FLOW RATE

Peak Inflow: **6000** GPM
 Pumping Rate: **2000** GPM (of single pump)
 Static Head: **16.0** Feet
 TDH: **16.9** Feet
 TDH Calcs: **RU Calcs**

ACTIVE VOLUME

Max Pump Starts: **15.00** Starts/Hr
 Cycle Time: **4.00** Minutes
 Active Volume: **2000.00** Gallons
 Active Volume: **267.37** Cu Feet
 Well Shape: **Round**
 Well Diameter: **10** Feet
 Well Dimensions: **N/A** **N/A**
 Cross-Section Area: **78.54** Sq Feet
 Min. Depth Required: **3.40** Feet
 Active Depth: **3.50** 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

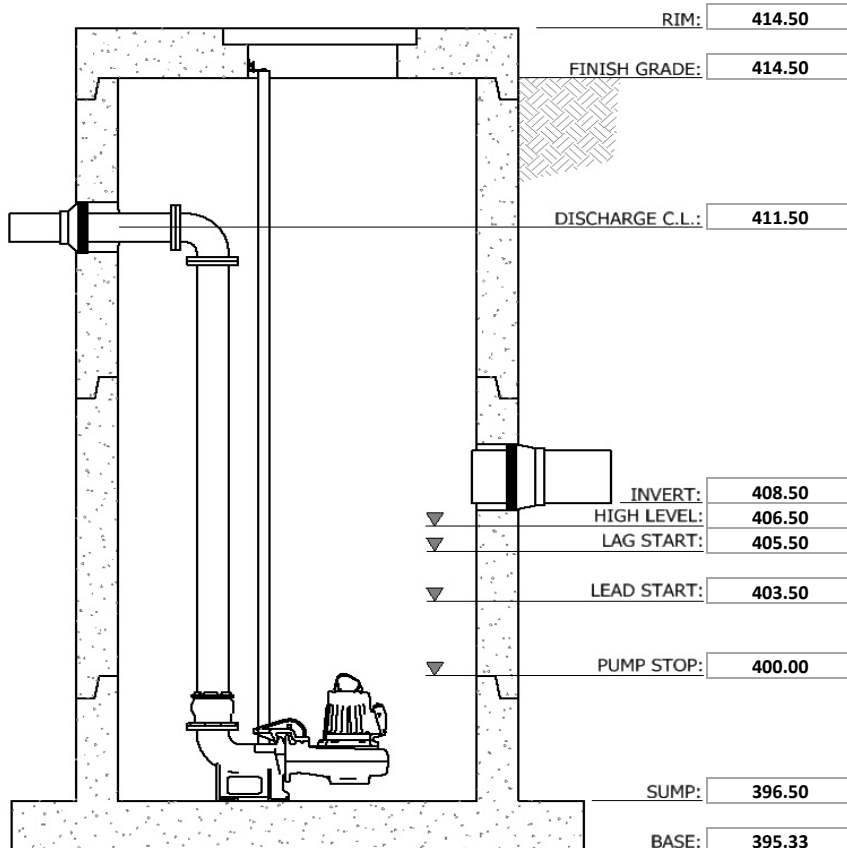
Power: **480V / 3-Phase**

FORCE MAIN

FM Info:	New	Triple FM
Length:	40	Feet
FM Discharge:	412.50	Feet
FM High Point:	416.00	Feet
	(1)	(2)
Nominal ID:	10"	10"
Type/Rating:	Ductile iron Class 53	

INFLUENT PIPING

	(1)	(2)	(3)
Influent Invert:	408.5		
Influent Size:	24"		
Type:	HDPE (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.