

PROJECT INFO

Job Name:	Wastewater
Company:	Westech Construction, Inc.
Contact:	Mike Wright
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

FLOW RATE

Peak Inflow:	51	GPM
Pumping Rate:	85	GPM (of single pump)
Static Head:	15.4	Feet
TDH:	18.0	Feet
TDH Calcs:	RU Calcs	

ACTIVE VOLUME

Max Pump Starts:	10.00	Starts/Hr
Cycle Time:	6.00	Minutes
Active Volume:	127.50	Gallons
Active Volume:	17.04	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:	1.36	Feet
Active Depth:	1.50	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

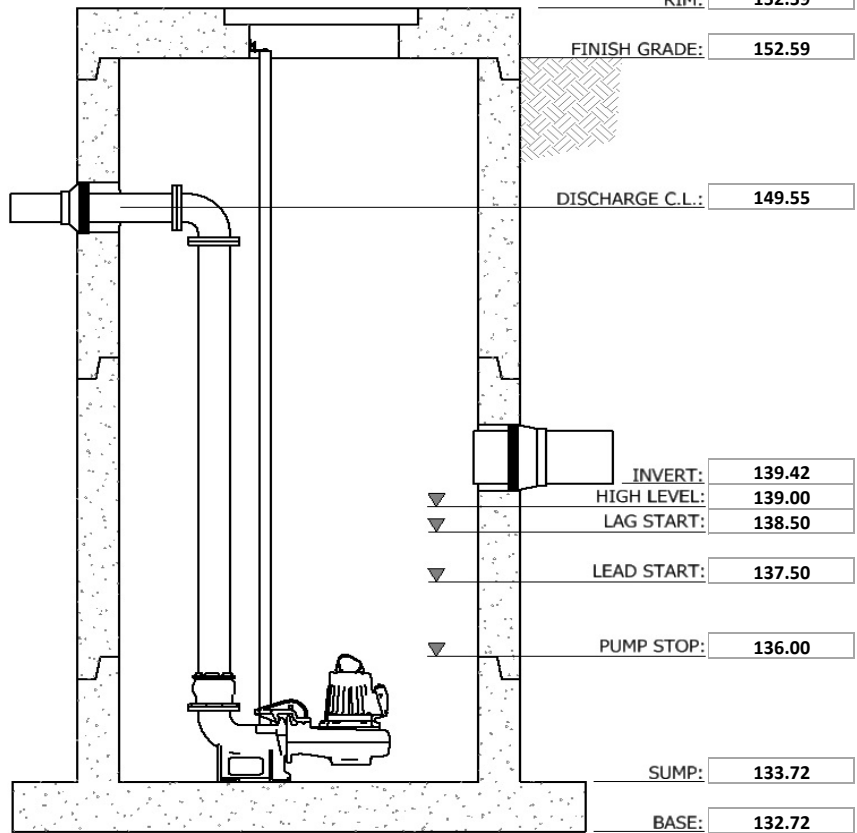
Power:	240V / 3-Phase
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FORCE MAIN

FM Info:			
Length:		Feet	
FM Discharge:	151.45	Feet	
FM High Point:	151.45	Feet	
Nominal ID:	(1)	(2)	(3)
Type/Rating:			

INFLUENT PIPING

Influent Invert:	(1) 139.42	(2) 139.48	(3)
Influent Size:	6"	6"	
Type:	PVC (IPS)	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.