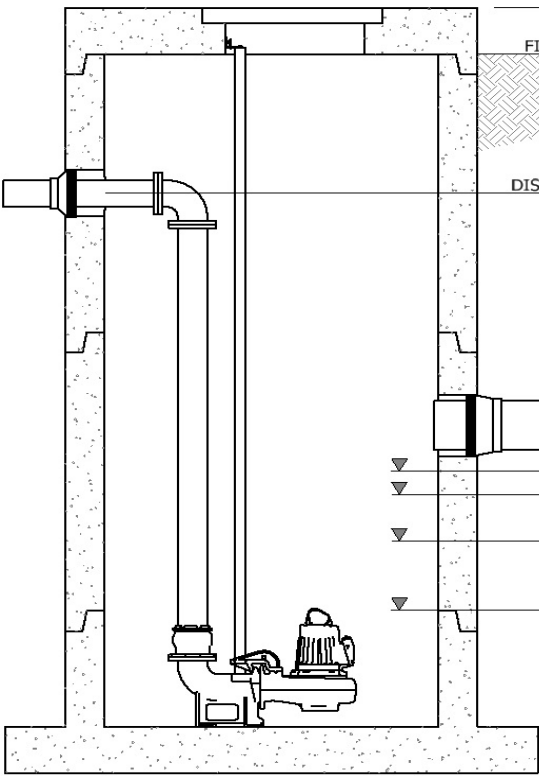


<b>PROJECT INFO</b>			<b>PACKAGE/STARTUP</b>	
Job Name:	HAMPTON PARK		Offering:	Complete System
Company:			Mechanical:	All by Romtec Utilities
Contact:			Pumps:	By Romtec Utilities
Job Type:	New Station		Control Panel:	By Romtec Utilities
Water Type/Source:	Stormwater		Generator:	N/A
Import/Domestic:	Import Acceptable	Advisor/Startup:	Mechanical & Electrical	
		Turnkey:	No	

**DESIGN CRITERIA - SWC12D-00-T0250-3500x20-14D-43-0**

<b>FLOW RATE</b>			RIM:	115.20
Peak Inflow:	10916		GPM	
Pumping Rate:	3639		GPM (of single pump)	
Static Head:	17.1		Feet	
TDH:	20.3		Feet	
TDH Calcs:	RU Calcs			
<b>ACTIVE VOLUME</b>			FINISH GRADE:	115.20
Max Pump Starts:	10.00		Starts/Hr	
Cycle Time:	6.00		Minutes	
Active Volume:	5458.50		Gallons	
Active Volume:	729.73	Cu Feet		
Well Shape:	Round			
Well Diameter:	12	Feet		
Well Dimensions:	N/A	N/A		
Cross-Section Area:	113.10	Sq Feet		
Min. Depth Required:	6.45	Feet		
Active Depth:	6.50	Feet		
<b>STORAGE VOLUME (if required)</b>		DISCHARGE C.L.:	112.20	
Time:		Minutes		
Flow Rate:		GPM		
Volume:	0.00	Gallons		
Volume:	0.00	Cu. Feet		
Min. Depth Required:	0.00	Feet		
Storage Depth:		Feet		
<b>ON-SITE POWER</b>		INVERT:	107.35	
Power:	480V / 3-Phase	HIGH LEVEL:	105.53	
		LAG START:	104.53	
		LEAD START:	102.53	
		PUMP STOP:	96.03	
<b>FORCE MAIN</b>		SUMP:	91.03	
FM Info:	New	Triple FM		
Length:	25	Feet		
FM Discharge:	113.16	Feet		
FM High Point:	113.16	Feet		
	(1)	(2)	(3)	
Nominal ID:	14"			
Type/Rating:	DI CL52			
<b>INFLUENT PIPING</b>		BASE:	89.94	
Influent Invert:	107.35			
Influent Size:	24"			
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.

**General Specification**

A. The package pump station supplier of the sewer lift station shall be Romtec Utilities. The package pump station supplier shall design and draw the complete lift station including the wet well structure and associated piping and valves along with the control panel and the associated schematics.

B. The package pump station supplier shall be solely responsible for proper prefabrication, integration, supply, performance, and warranty of all package pump station components delineated in this specification and on the drawings, which shall be used as a guide of the minimum product specifications that shall be met.

C. The package pump station supplier work shall include designing and supplying the piping, mechanical, and appurtenances within and adjacent to the wet well as a complete, predesigned, packaged pump station as described herein.

D. The drawings shall be of sufficient detail for the Engineer to review for conformity to the contract. All drawings shall include elevations on the same datum point as in the contract plans.

E. Romtec Utilities will manufacture and deliver the pump station as described below to the job site for the contractor. A representative of Romtec Utilities will be present the day of the underground installation.

F. The package pump station supplier is responsible for overseeing all start-up, testing and training procedures.