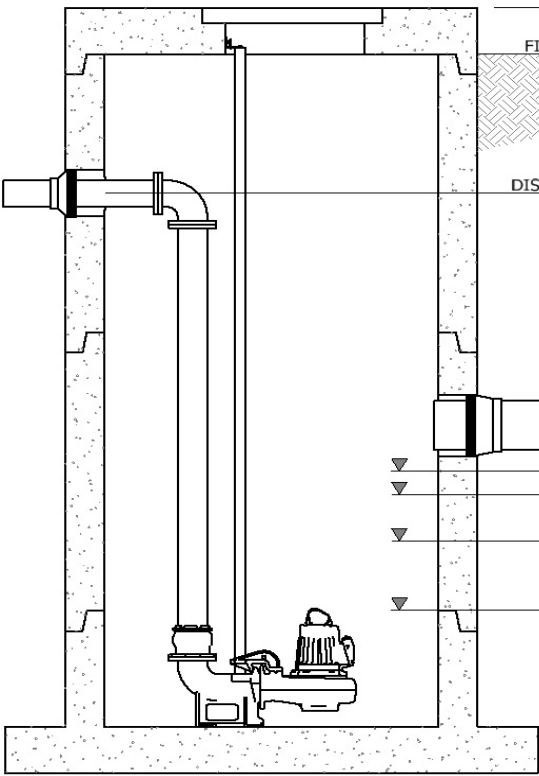


<b>PROJECT INFO</b>		<b>WWC8D-VM-D0100-400x50-6D-43-0B</b>				<b>PACKAGE/STARTUP</b>	
Job Name:	Dermody Tukwila DWA2					Offering:	Complete System
Company:	Hos Bros			Mechanical:	All by Romtec Utilities		
Contact:				Pumps:	By Romtec Utilities		
Job Type:	Replacement of Existing			Control Panel:	By Romtec Utilities		
Water Type/Source:	Wastewater (Sewage)			Generator:	By Others		
Import/Domestic:	Import Acceptable			Advisor/Startup:	Mechanical & Electrical		
				Turnkey:	No		

**DESIGN CRITERIA**

<b>FLOW RATE</b>		Peak Inflow: <b>400</b> GPM		RIM: <b>18.50</b>
Pumping Rate: <b>400</b> GPM (of single pump)		Static Head: <b>18.6</b> Feet		FINISH GRADE: <b>18.50</b>
TDH: <b>46.0</b> Feet		TDH Calcs: <b>Spec</b>		
<b>ACTIVE VOLUME</b>		Max Pump Starts: <b>10.00</b> Starts/Hr		DISCHARGE C.L.: <b>12.75</b>
Cycle Time: <b>6.00</b> Minutes		Active Volume: <b>600.00</b> Gallons		
Active Volume: <b>80.21</b> Cu Feet		Well Shape: <b>Round</b>		
Well Diameter: <b>8</b> Feet		Well Dimensions: <b>N/A</b> <b>N/A</b>		
Cross-Section Area: <b>50.27</b> Sq Feet		Min. Depth Required: <b>1.60</b> Feet		
Active Depth: <b>2.00</b> Feet				
<b>STORAGE VOLUME (if required)</b>		Time: _____ Minutes		INVERT: <b>-1.39</b>
Flow Rate: _____ GPM		Volume: <b>0.00</b> Gallons		HIGH LEVEL: <b>-2.00</b>
Volume: <b>0.00</b> Cu. Feet		Min. Depth Required: <b>0.00</b> Feet		LAG START: <b>-2.83</b>
Storage Depth: _____ Feet				LEAD START: <b>-3.50</b>
<b>ON-SITE POWER</b>		Power: <b>480V / 3-Phase</b>		PUMP STOP: <b>-5.50</b>
<b>FORCE MAIN</b>		FM Info: <b>New</b> <b>Existing</b>		SUMP: <b>-8.50</b>
Length: <b>290'</b> <b>1000'</b>		FM Discharge: <b>12.96</b> Feet		BASE: <b>-9.67</b>
FM High Point: <b>13.10</b> Feet				
		(1) (2) (3)		
Nominal ID: <b>6"</b> <b>6"</b>		Type/Rating: <b>CL 52 DUCTILE IRON</b>		
<b>INFLUENT PIPING</b>		(1) (2) (3)		
Influent Invert: <b>-1.39</b> <b>4.5</b> <b>14.25</b>				
Influent Size: <b>10"</b> <b>24"</b> <b>6"</b>				
Type: <b>PVC (IPS)</b> <b>PVC (IPS)</b> <b>PVC (IPS)</b>				



RIM:	18.50
FINISH GRADE:	18.50
DISCHARGE C.L.:	12.75
INVERT:	-1.39
HIGH LEVEL:	-2.00
LAG START:	-2.83
LEAD START:	-3.50
PUMP STOP:	-5.50
SUMP:	-8.50
BASE:	-9.67

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.