

5.02 LIFT STATION DESIGN CRITERIA



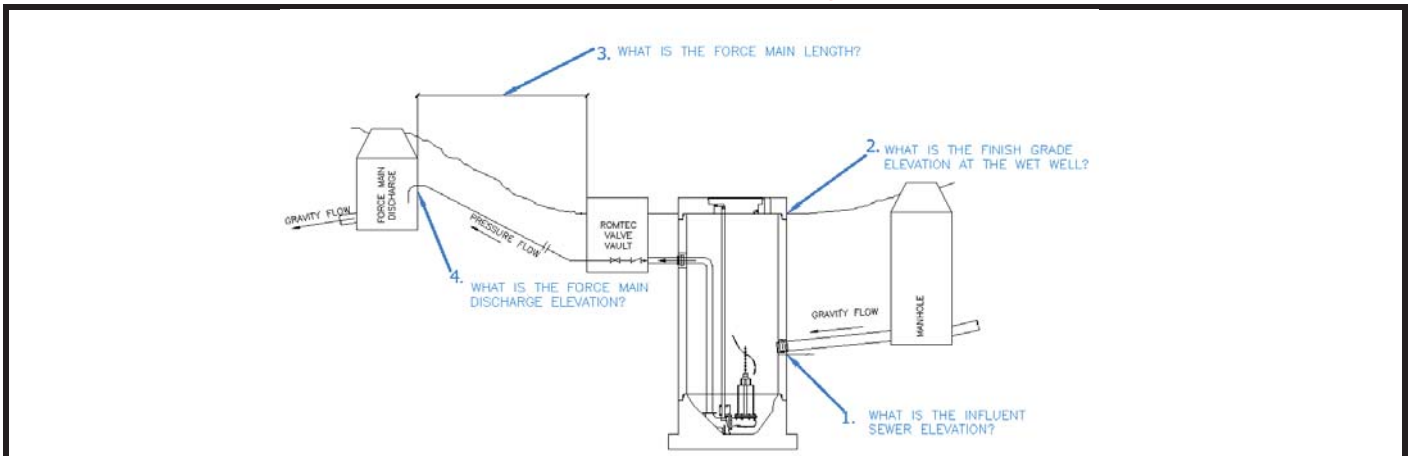
Romtec Utilities has designed this Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

Date:	<u>8/7/2015</u>			
Project Name:	<u>East Bay Municipal Utility District</u>			
Information here in provided by:	<u>East Bay Municipal Utility District</u>			
Name:	<u>Alex Borys</u>			
Email Address:	_____			
Telephone:	_____	Phone Ext:	_____	
Project Site Address:	<u>CA</u>			
ACAD site plan drawing available at this time?	<input checked="" type="checkbox"/> Yes	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Final Project Owner and/or Operator:	<u>East Bay Municipal Utility District</u>			
Governing Sewer or Water Authority:	<u>East Bay Municipal Utility District</u>			
Does Authority have a lift station standard?	<input checked="" type="checkbox"/> No	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Does this project require "Buy America" materials?	<input checked="" type="checkbox"/> No	<u>Yes</u>	<u>No</u>	<u>N/A</u>

PART 2: DESIGN DATA

Note: The drawing below is purely to represent elevations. It does not reflect the design of the lift station.



Source of Water:	<u>Treatment Plant</u>			
Water Type:	<u>Reclaimed Water</u>			
Peak design inflow (max flow to lift station):	<u>1736 g.p.m.</u>			
Pumping Rate:	<u>1736 g.p.m.</u>			
1. Influent sewer elevation:	<u>197.33 ft.</u>			
2. Rim elevation at wet well:	<u>208 ft.</u>			
3. Force main length:	<u>100 ft.</u>			
4. Force main discharge elevation:	<u>205 ft.</u>			
Force main diameter:	<u>12 in. inside dia.</u>			
Force main material (PVC, DI, etc.):	<u>Steel Pipe</u>			
Force Main is:	<input checked="" type="checkbox"/> New	<u>New</u>	<u>Existing</u>	
Force Main Discharge (manhole, pressure force main, etc.)	<u>Pressurized main</u>			
Standby generator:	<input checked="" type="checkbox"/> N/A	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>
Generator fuel:		<u>Diesel</u>	<u>Natural Gas</u>	
Power Supply:	<u>480V</u>	<u>480V</u>	<u>240V</u>	<u>208V</u>
Power Supply:	<u>Three-Phase</u>	<u>Three-Phase</u>	<u>Single-phase</u>	
Is lift station a classified space?	<input checked="" type="checkbox"/> No	<u>Yes</u>	<u>No</u>	