

4.02 LIFT STATION DESIGN CRITERIA FORM

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

Design Criteria Date: 12/19/2013

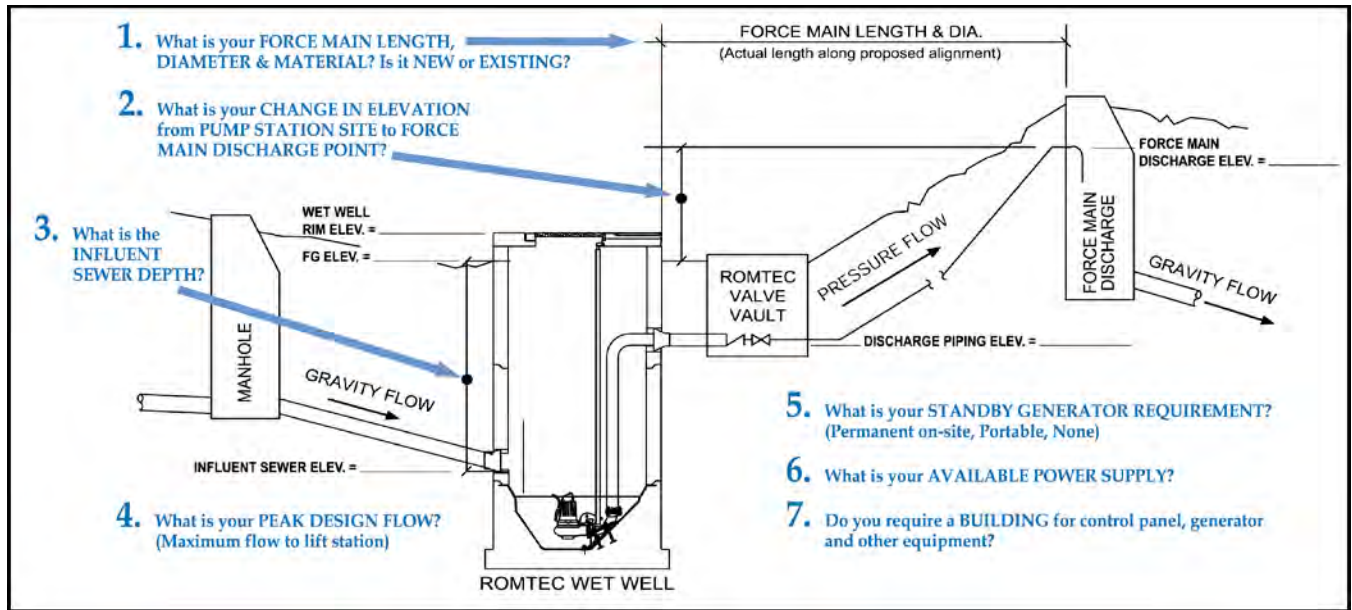
PART 1: PROJECT CONTACT INFORMATION

Information here in provided by:	<u>Delta Pipeline, Inc.</u>		
Company/Agency Type:	<u>Engineer</u>	<u>Engineer</u>	<u>Developer</u>
		<u>Gov't. Agency</u>	<u>Other</u>
First Name:	_____		
Last Name:	_____		
Title:	_____		
Email Address:	_____		
Address:	_____		
City:	<u>La Verne</u>		
State/Province:	<u>CA</u>	Zip Code:	<u>91750</u>
Country:	<u>USA</u>		
Telephone:	_____	Phone Ext:	_____
Mobile/Other Phone:		Fax:	_____
Project Name:	<u>Millikan Stormwater</u>		
Your Client for this project is:	<u>Private Co.</u>	<u>Public Agency</u>	<u>Private Co.</u>
Project Type:	<u>Stormwater</u>	<u>Wastewater</u>	<u>Stormwater</u>
		<u>Industrial</u>	
Project City:	<u>Claremont, CA</u>		Project Zip: _____
Project Engineer:	_____		
Reviewing Entity who reviews/approves this Scope of Supply & Design Submittal:	<u>Delta Pipeline, Inc.</u>		
Final Project Owner and/or Operator:	<u>Pomona College</u>		
Governing Sewer or Water Authority:	_____		
Does Authority have a lift station standard?	<input type="checkbox"/>	<u>Yes</u>	<u>No</u>
Who should Romtec contact about the lift station design standard?	_____		
What is the Expected Project Bid Date?	_____	Project Completion Date:	_____

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PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: ? ft. (actual length along proposed alignment)

Force main diameter (inside): 4" in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): PVC C900 CL150

Force Main is: New New ?

2. Elevation change from lift station site to force main discharge point: -1.13 ft.

Finish grade elevation at wet well: 1204.3 ft.

Discharge piping elevation at wet well: 1202.5 ft.

Force main discharge elevation: 1203.17 ft.

3. Influent sewer elevation: 1194.04 ft.

4. Peak design inflow (maximum flow to lift station): 100 g.p.m. @ 19 TDH Dual Force Mains

270 g.p.m. @ 14.5 TDH Dual Force Mains

5. Standby generator requirement: None Permanent Portable None Don't Know

Standby generator fuel: Diesel Natural Gas Propane

6. Available power supply: 480V 208V 240V 480V

3-phase Single-phase 3-phase

Additional loads on site (besides the lift station) to be powered by generator: ? KVA