

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: 9/16/2013

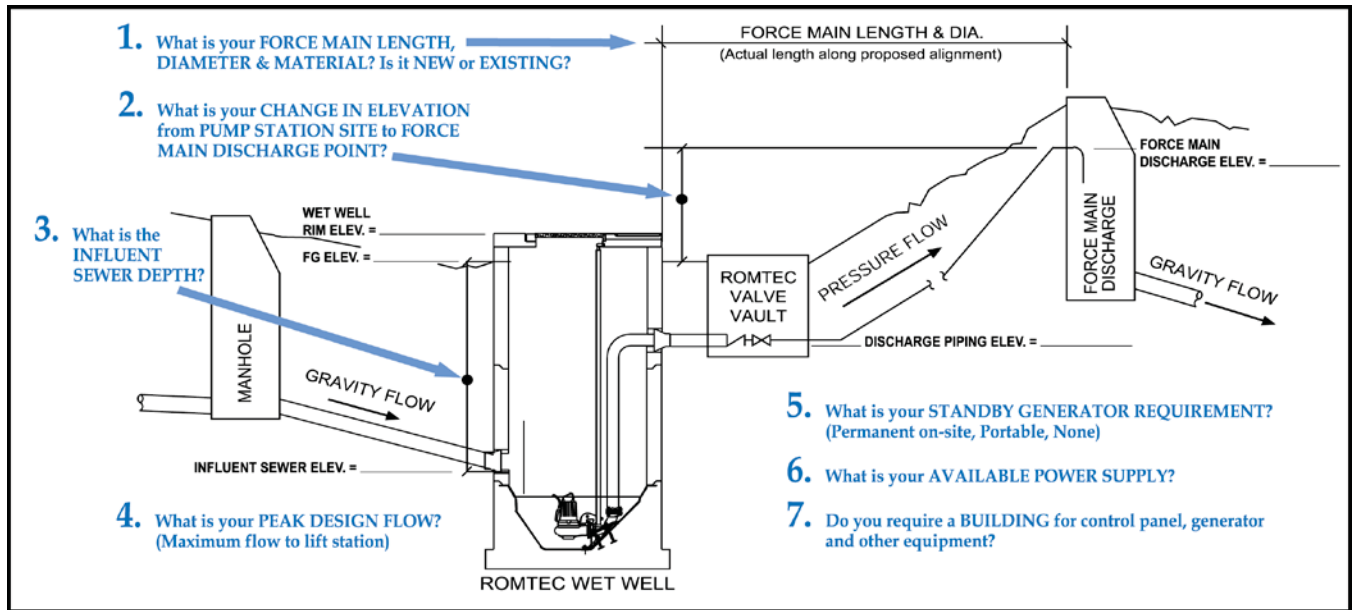
PART 1: PROJECT CONTACT INFORMATION

Information here in provided by:	<u>BKF Engineers</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>Santa Rose</u>				
State/Province:	<u>California</u>	Zip Code:	<u>95401</u>		
Country:	<u>USA</u>				
Telephone:	_____	Phone Ext:	_____		
Mobile/Other Phone:	_____	Fax:	_____		
Project Name:	<u>Indian Springs 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>Other</u>	
Project City:	<u>Santa Rosa</u>	Project Zip:	_____		
Project Engineer:	_____				
Reviewing Entity who reviews/approves this Scope of Supply & Design Submittal:	<u>BKF Engineers</u>				
Final Project Owner and/or Operator:	_____				
Governing Sewer or Water Authority:	_____				
Does Authority have a lift station standard?	<u>SELECT ONE</u>	<u>Yes</u>	<u>No</u>	<u>N/A</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: 76 ft. (actual length along proposed alignment)

Force main diameter (inside): 18 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): PVC C905

Force Main is: New New Existing

2. Elevation change from lift station site to force main discharge point: -0.37 ft.

Finish grade elevation at wet well: 351.4 ft.

Discharge piping elevation at valve vault: 347.4 ft.

Force main discharge elevation: 351.03 ft.

3. Influent sewer elevation: 345.12 ft.

4. Peak design inflow (maximum flow to lift station): 6800 g.p.m.

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