



LIFT STATION DESIGN FORM

Romtec Utilities, Inc.

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Romtec Utilities has designed this 12/11/12 dated Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

Today's Date: 10/2/2012

Information here in provided by:

CITY OF SHAFTER

Company/Agency Type:

Engineer

Engineer

Developer

Gov't.
Agency

Other

First Name:

Last Name:

Title:

ENGINEER/GOVERNING AGENCY

Email Address:

Address:

City:

SHAFTER

State/Province:

CA

Zip Code:

93263

Country:

USA

Telephone:

Mobile/Other Phone:

Project Name:

RODRIGUEZ PARK

Your Client for this project is:

Public Agency

Public Agency

Private Co.

Project Type:

Wastewater

Wastewater

Stormwater

Other

Project City:

SHAFTER, CA

Project Zip:

93263

Project Engineer:

Reviewing Entity who reviews/approves this
Scope of Supply & Design Submittal:

CITY OF SHAFTER

Final Project Owner and/or Operator:

CITY OF SHAFTER

Governing Sewer or Water Authority:

CITY OF SHAFTER

Does Authority have a lift station standard?

SELECT ONE

Yes

No

N/A

Who should Romtec contact about the lift station
design standard?

What is the Expected Project Bid Date?

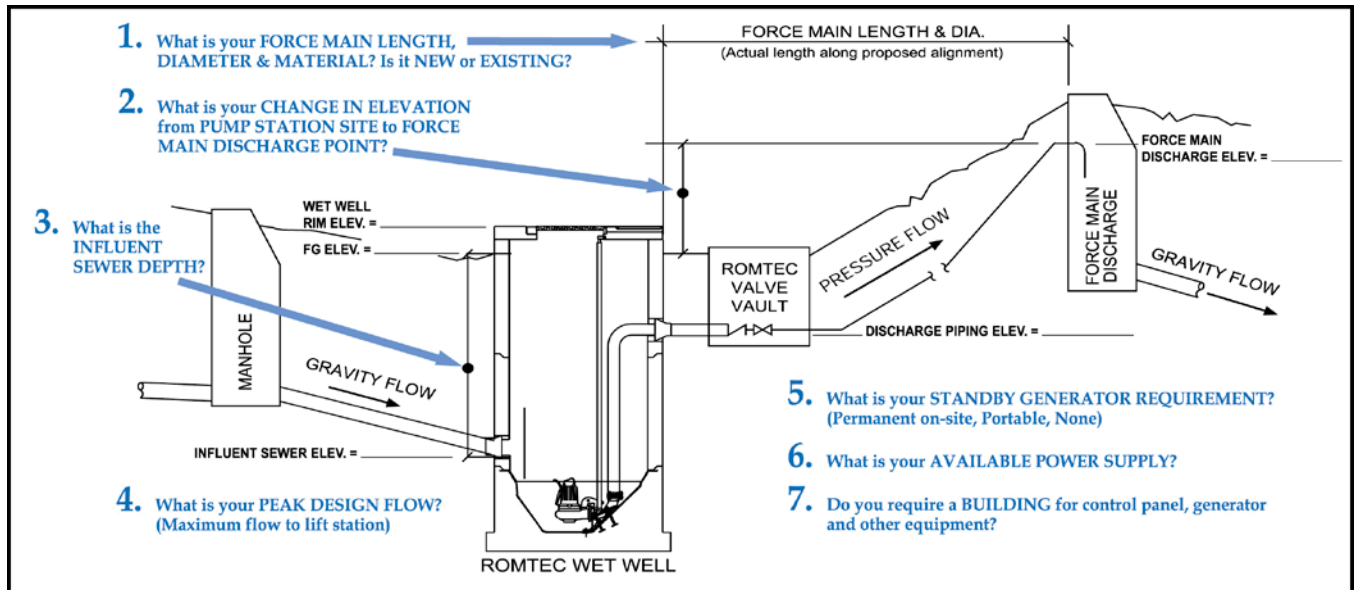
9/2/2011

Project Completion Date:

Dec-11

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 75 ft. (actual length along proposed alignment)

Force main diameter (inside): 6 in. inside dia.

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

Force Main is: ☒ New ☐ Existing

2. Elevation change from lift station site to force main discharge point: -4.1 ft.

Finish grade elevation at wet well: 337 ft.

Discharge piping elevation at valve vault: 333 ft.

Force main discharge elevation: 332.9 ft.

3. Influent sewer elevation: 321 ft. 15" SDR-35

4. Peak design flow (maximum flow to lift station): 400 g.p.m.

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

Standby generator fuel: ☒ SELECT ONE ☐ 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

7. Electrical controls weather protection: ☒ None ☐ Enclosed Building ☐ Shelter Structure ☐ None

Weather protection structure is for: ☒ SELECT ONE ☐ Electrical Controls Only

☐ Electrical Controls & Generator

☐ Controls, Generator, Chemical Feed