

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: 3/31/2016

Project Name: _____

Information here in provided by: Fuscoe Engineering, Inc.

Name: _____

Email Address: _____

Telephone: _____ Phone Ext: _____

Project Site Address: Dana Point, CA

ACAD site plan drawing available at this time? No Yes No N/A

Final Project Owner and/or Operator: ?

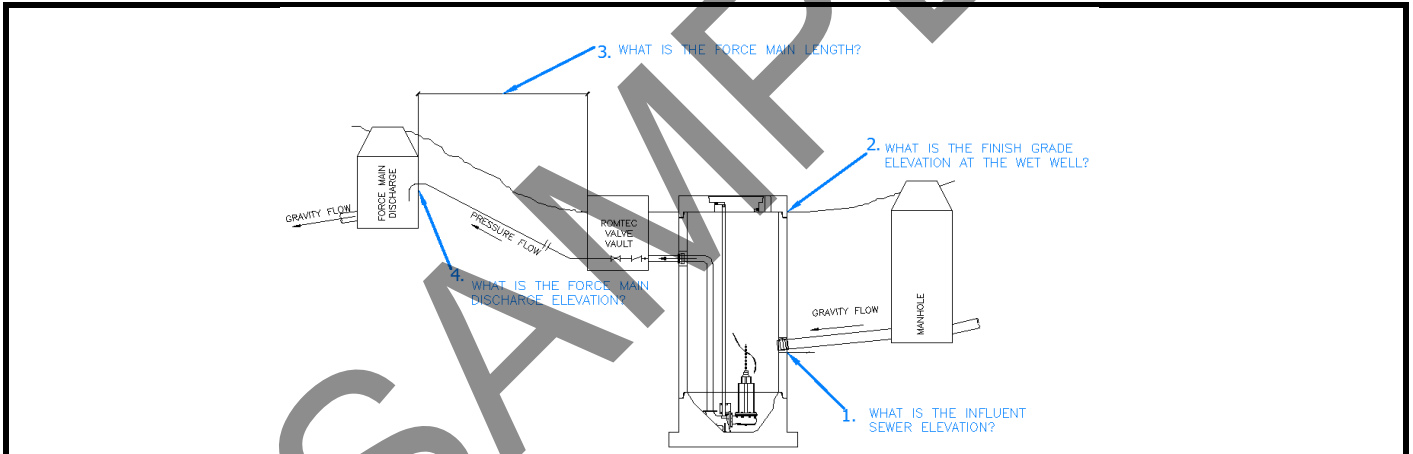
Governing Sewer or Water Authority: ?

Does Authority have a lift station standard? No Yes No N/A

Does this project require "Buy America" materials? No Yes No N/A

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: ?

Water Type: Stormwater

Peak design inflow (max flow to lift station): 50 g.p.m. @ 14' TDH

Pumping Rate: 50 g.p.m.

1. Influent sewer elevation: 3.2 ft.

2. Finish grade elevation at wet well: 13.9 ft.

3. Force main length: ? ft.

4. Force main discharge elevation: 10.9 ft.

Force main diameter: 2 in. inside dia.

Force main material (PVC, DI, etc.): PVC SCH40

Force Main is: New New Existing

Force Main Discharge (manhole, pressure force main, etc.) ?

Standby generator: N/A Permanent Portable N/A

Generator fuel: Diesel Natural Gas

Power Supply: 208V 480V 240V 208V

Power Supply: Single-Phase Three-Phase Single-phase

Is lift station a classified space? No Yes No