

# LIFT STATION DESIGN CRITERIA



## PART 1: PROJECT CONTACT INFORMATION

Date: 4/6/2015

Project Name: Tract 6325

Information here in provided by: Bradford and Sons

Name: \_\_\_\_\_

Email Address: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Country: USA

Telephone: \_\_\_\_\_ Phone Ext: \_\_\_\_\_

Mobile/Other Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Project Site Address: Bakersfield, CA

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

Final Project Owner and/or Operator: Home Owner's Association

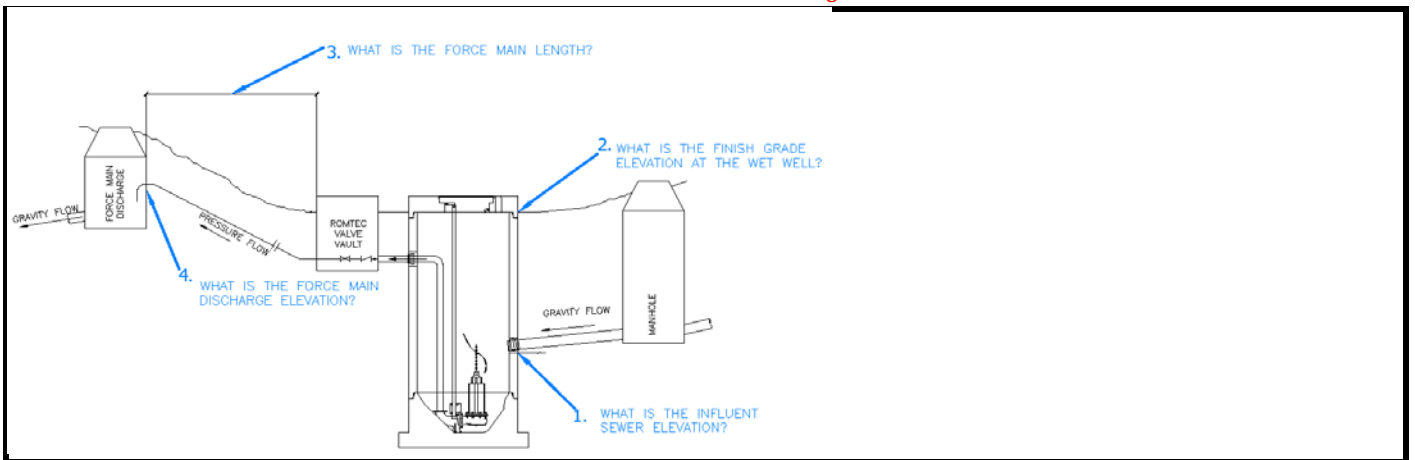
Governing Sewer or Water Authority: \_\_\_\_\_

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: Development

Water Type: Wastewater

Peak design inflow (max flow to lift station): 200 g.p.m.

**1.** Influent sewer elevation: 325.22 ft.

**2.** Finish grade elevation at wet well: 343.5 ft.

**3.** Force main length: 256 ft.

Force main diameter: 4 in. inside dia.

Force main material (PVC, DI, etc.): C900 PVC

Force Main is:  Existing  New  Existing

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

**4.** Force main discharge elevation: 338.4 ft.

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

Standby generator fuel:  Diesel  Natural Gas  Propane

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

3-phase  Single-phase  3-phase

Lift station considered a classified space?  Yes  No