

1.04 DESIGN CRITERIA FORM



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

Date: 1/13/2017
 Project Name: Ashe Road Sewer Lift Station
 Information here in provided by: MG3 Partners
 Name: [REDACTED]
 Email Address: [REDACTED]
 Telephone: _____

DESIGN CRITERIA

Project Site Address: Bakersfield, CA
 CAD site plan available at this time?

<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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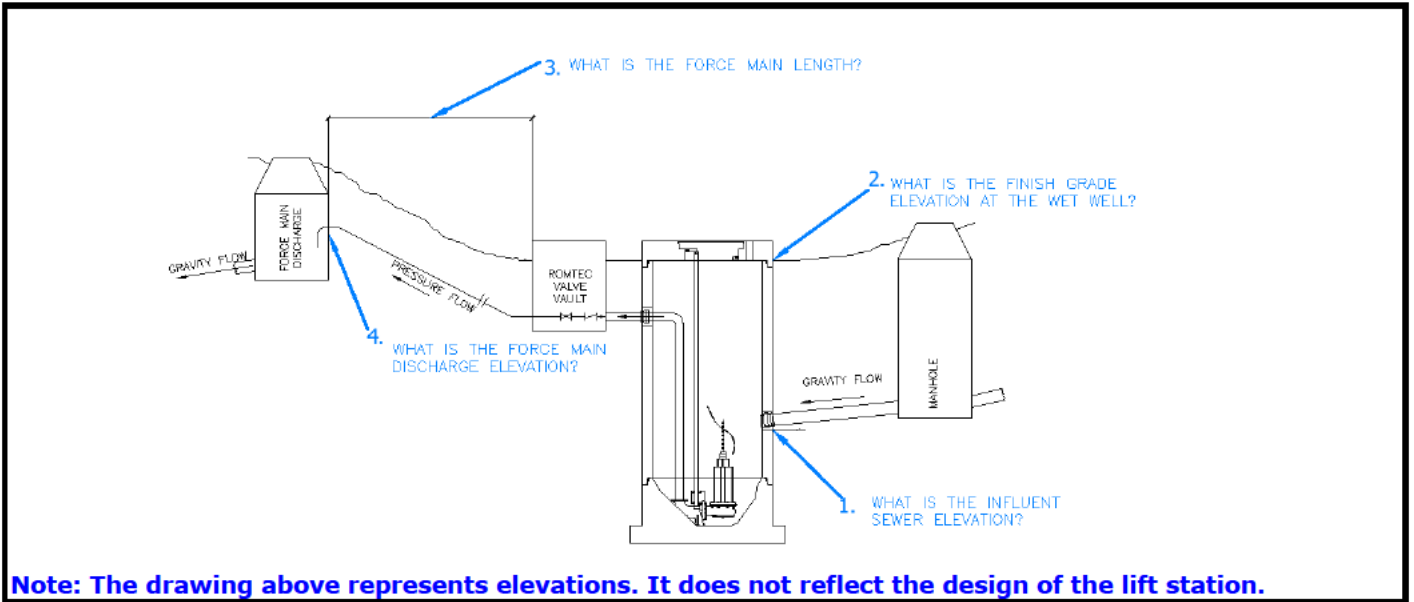
 Final Project Owner and/or Operator: City of Bakersfield
 Governing Sewer or Water Authority: City of Bakersfield
 Does Authority have a lift station standard?

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

<u>No</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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 Source of Water: Municipal
 Water Type: Wastewater



Peak design inflow (max flow to lift station): 6600 g.p.m. (Full Buildout)
 Pumping Rate: 2688 g.p.m.

1. Influent sewer elevation: 317.28 ft.
2. Finish grade elevation at wet well: 355.21 ft.
3. Force main length: 97 ft.
4. Force main discharge elevation: 348 ft.

Force main diameter: 24 in. inside dia.
 Force main material (PVC, DI, etc.): C905 PVC DR18

Force Main is:

<u>New</u>	<u>New</u>	<u>Existing</u>
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Force Main Discharge (manhole, pressure force main, etc.) ?

Standby generator:

<u>N/A</u>	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>
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Generator fuel:

	<u>Diesel</u>	<u>Natural Gas</u>	
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Power Supply:

<u>480V</u>	<u>480V</u>	<u>240V</u>	<u>208V</u>
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Power Supply:

<u>Three-Phase</u>	<u>Three-Phase</u>	<u>Single-phase</u>	
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Is the lift station a classified space?

<u>Yes</u>	<u>Yes</u>	<u>No</u>	
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