

1.04 DESIGN CRITERIA FORM

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

Date: 1/17/2017
 Project Name: RCEC Demin #2
 Information here in provided by: Advisian
 Name: _____
 Email Address: _____
 Telephone: _____

DESIGN CRITERIA

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

No	Yes	No	N/A
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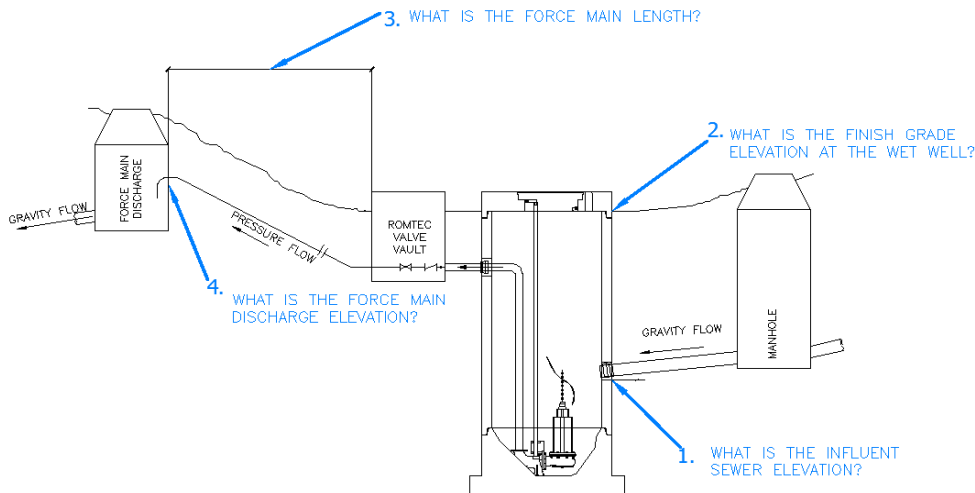
 Final Project Owner and/or Operator: CalPine Energy Center
 Governing Sewer or Water Authority: CalPine Energy Center
 Does Authority have a lift station standard?

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

No	Yes	No	N/A
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 Source of Water: Power Plant
 Water Type: Demineralized Water



Note: The drawing above represents elevations. It does not reflect the design of the lift station.

Peak design inflow (max flow to lift station): _____ ? g.p.m.
 Pumping Rate: _____ 1350 g.p.m. @15 ft. TDH
1. Influent sewer elevation: _____ 5.69 ft.
2. Finish grade elevation at wet well: _____ 10 ft.
3. Force main length: _____ ? ft.
4. Force main discharge elevation: _____ ? ft.
 Force main diameter: _____ ? in. inside dia.
 Force main material (PVC, DI, etc.): _____ ?
 Force Main is:

New	New	Existing
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 Force Main Discharge (manhole, pressure force main, etc.) _____ ?
 Standby generator:

N/A	Permanent	Portable	N/A
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 Generator fuel:

	Diesel	Natural Gas	
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 Power Supply:

480V	480V	240V	208V
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 Power Supply:

Three-Phase	Three-Phase	Single-phase	
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 Is the lift station a classified space?

No	Yes	No
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