

# 1.04 DESIGN CRITERIA FORM

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

Date: 7/5/2017  
 Project Name: UC Merced Lift Station  
 Information here in provided by: Rockwell Engineering  
 Name: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_

## DESIGN CRITERIA

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

No	Yes	No	N/A
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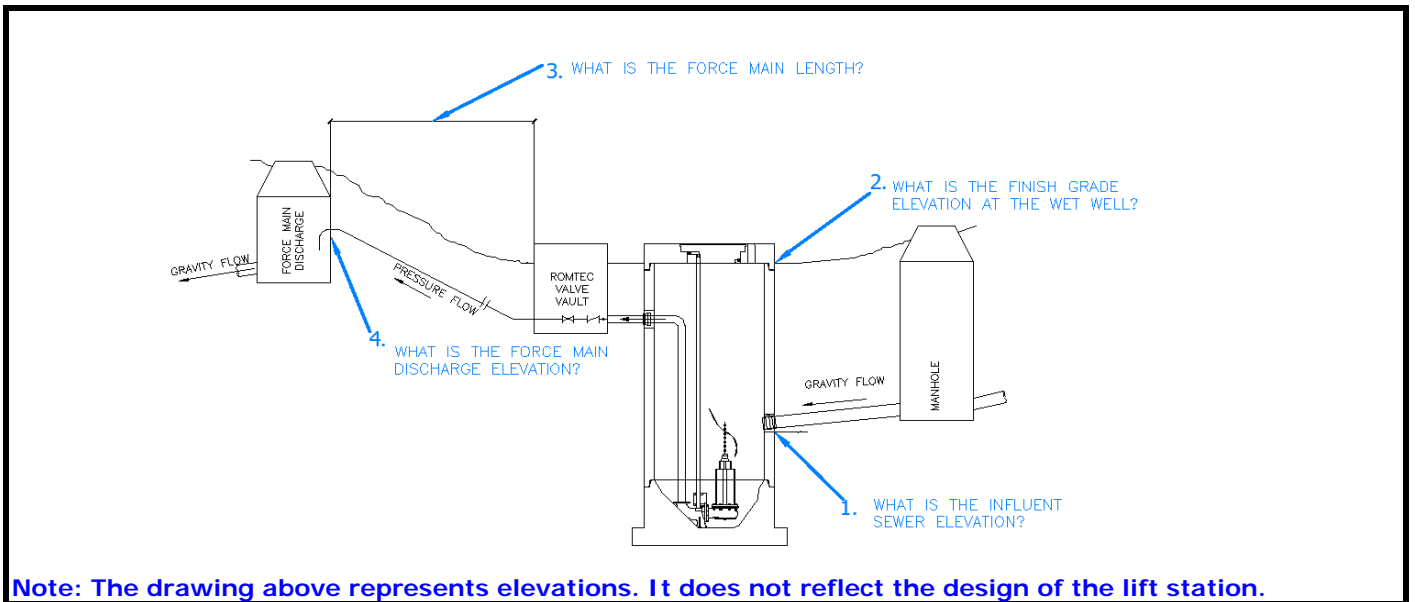
  
 Final Project Owner and/or Operator: UC Merced  
 Governing Sewer or Water Authority: Unknown  
 Does Authority have a lift station standard? 

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: College Campus  
 Water Type: Wastewater



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

Peak design inflow (max flow to lift station): 672 g.p.m.  
 Pumping Rate: 720 g.p.m. @ 48.9 ft. TDH (Greater than Peak Inflow)  
 1. Influent sewer elevation: 191.75 ft.  
 2. Finish grade elevation at wet well: 208 ft.  
 3. Force main length: 1820 ft.  
 4. Force main discharge elevation: 204 ft.  
 Force main diameter: 8 in. inside dia.  
 Force main material (PVC, DI, etc.): PVC C900 DR18  
 Force Main is: 

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

Yes	Yes	No
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