

1.04 DESIGN CRITERIA FORM

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

Date: 7/24/2018
 Project Name: Back Nine Lift Station
 Information here in provided by: I.E. Engineering
 Name: _____
 Email Address: _____
 Telephone: _____

DESIGN CRITERIA

Project Site Address: Roseburg, Oregon
 CAD site plan available at this time?

Yes	Yes	No	N/A
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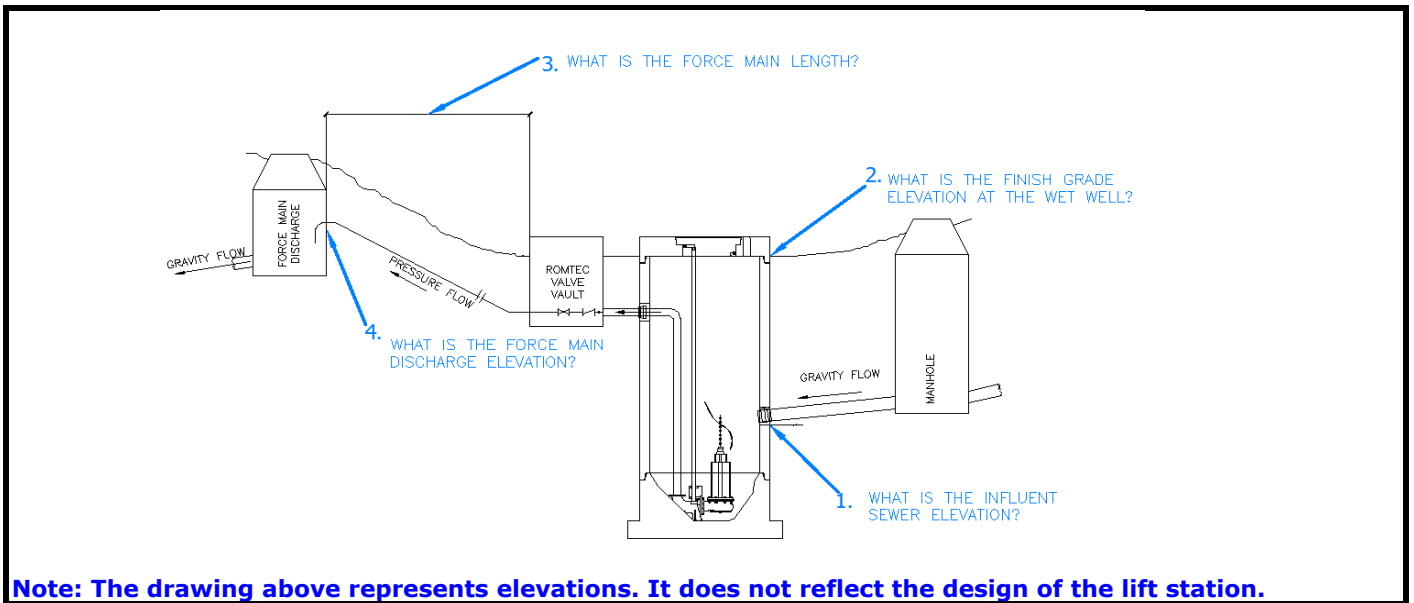
 Final Project Owner and/or Operator: Roseburg Urban Sanitary Authority
 Governing Sewer or Water Authority: Roseburg Urban Sanitary Authority
 Does Authority have a lift station standard?

Yes	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: Development
 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): 200 g.p.m.
 Pumping Rate: 197 gpm @ 45.3ft TDH (Less than Peak design Inflow of 200 gpm)

1. Influent sewer elevation: 482.3 ft.
2. Finish grade elevation at wet well: 497 ft.
3. Force main length: 2830 ft.
4. Force main discharge elevation: 505.8 ft.

Force main diameter: 5.57 in. inside dia.
 Force main material (PVC, DI, etc.): HDPE DR11 (DIPS) with ID 5.57"

Force Main is:

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

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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