

1.04 DESIGN CRITERIA FORM

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

Date: 9/6/2018
 Project Name: Glenwood and Laurin Pump Station
 Information here in provided by: Olson Engineering

DESIGN CRITERIA

Project Site Address: Vancouver, Washington
 CAD site plan available at this time?

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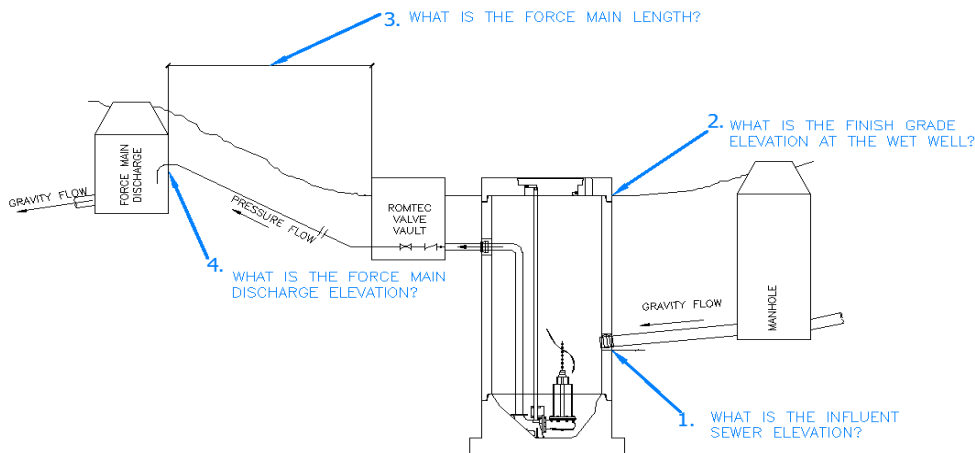
 Final Project Owner and/or Operator: _____
 Governing Sewer or Water Authority: CRWWD
 Does Authority have a lift station standard?

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: Wastewater
 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): 80 gpm
 Pumping Rate: 127 gpm (Greater than peak design inflow)
 1. Influent sewer elevation: 279.56 ft.
 2. Finish grade elevation at wet well: 289.75 ft.
 3. Force main length: 9756 ft.
 4. Force main discharge elevation: 193.09 ft.
 Force main diameter: 4 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.)

N/A	Permanent	Portable	N/A
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 Standby generator:

N/A	Diesel	Natural Gas	
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 Generator fuel:

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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