

1.04 DESIGN CRITERIA FORM

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

Date: 4/25/2018
 Project Name: North Bend Cottages
 Information here in provided by: Group Four
 Name: _____

DESIGN CRITERIA

Project Site Address: City of North Bend, WA
 CAD site plan available at this time?

<input checked="" type="checkbox"/> Yes	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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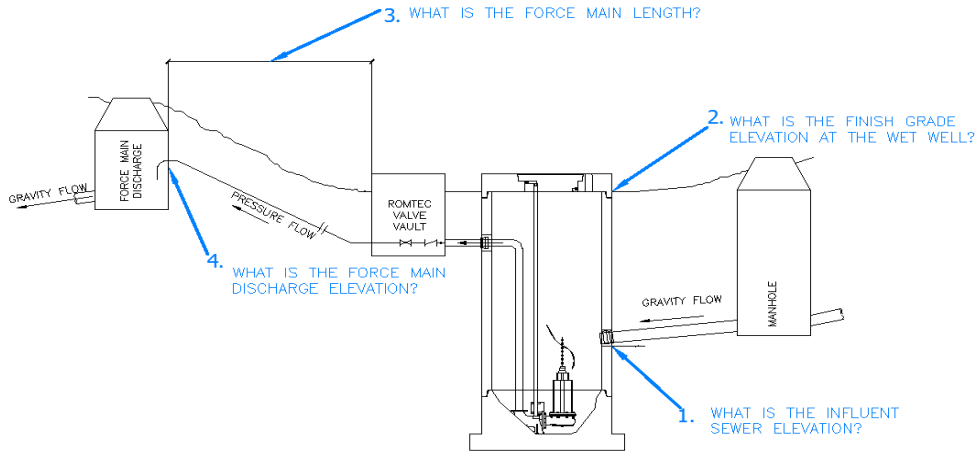
 Final Project Owner and/or Operator: Unknown
 Governing Sewer or Water Authority: Unknown
 Does Authority have a lift station standard?

<input checked="" type="checkbox"/> No	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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 Does this project require "Buy America" materials?

<input checked="" type="checkbox"/> No	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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 Source of Water: Stormwater
 Water Type: Stormwater



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

Peak design inflow (max flow to lift station): 100 g.p.m.
 Pumping Rate: 130 g.p.m. (GREATER THAN DESIGN INFLOW)
1. Influent sewer elevation: 435 ft.
2. Finish grade elevation at wet well: 443.33 ft.
3. Force main length: 18 ft.
4. Force main discharge elevation: 440.88 ft.
 Force main diameter: 3 in. inside dia.
 Force main material (PVC, DI, etc.): PVC SCH80
 Force Main is:

<input checked="" type="checkbox"/> New	<input type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>Existing</u>
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 Force Main Discharge (manhole, pressure force main, etc.) Manhole
 Standby generator:

<input checked="" type="checkbox"/> <u>N/A</u>	<input type="checkbox"/> <u>Permanent</u>	<input type="checkbox"/> <u>Portable</u>	<input type="checkbox"/> <u>N/A</u>
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 Generator fuel:

	<input type="checkbox"/> <u>Diesel</u>	<input type="checkbox"/> <u>Natural Gas</u>	
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 Power Supply:

<input checked="" type="checkbox"/> <u>480V</u>	<input type="checkbox"/> <u>480V</u>	<input type="checkbox"/> <u>240V</u>	<input type="checkbox"/> <u>208V</u>
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 Power Supply:

<input type="checkbox"/> <u>Three-Phase</u>	<input type="checkbox"/> <u>Three-Phase</u>	<input type="checkbox"/> <u>Single-phase</u>	
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 Is the lift station a classified space?

<input checked="" type="checkbox"/> <u>No</u>	<input type="checkbox"/> <u>Yes</u>	<input type="checkbox"/> <u>No</u>
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