

1.04 DESIGN CRITERIA FORM



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

Date: 3/23/2017
 Project Name: USPS Sanitary Lift Station
 Information here in provided by: KPFF
 Name: _____
 Email Address: _____
 Telephone: _____

DESIGN CRITERIA

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

| | | | |
|-----|-----|----|-----|
| Yes | Yes | No | N/A |
|-----|-----|----|-----|

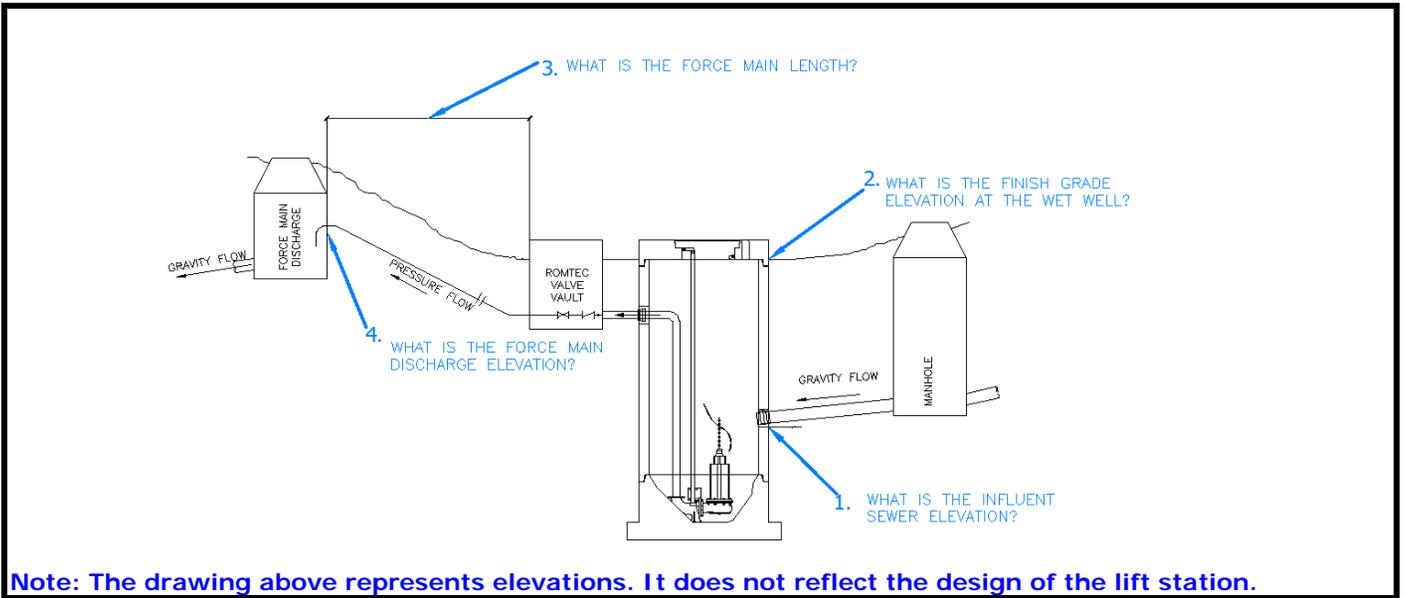
 Final Project Owner and/or Operator: United States Postal Service
 Governing Sewer or Water Authority: ?
 Does Authority have a lift station standard?

| | | | |
|----|-----|----|-----|
| No | Yes | No | N/A |
|----|-----|----|-----|

 Does this project require "Buy America" materials?

| | | | |
|----|-----|----|-----|
| No | Yes | No | N/A |
|----|-----|----|-----|

 Source of Water: Buildings
 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): 372 g.p.m.
 Pumping Rate: 92 g.p.m. (Less than Peak Inflow)
1. Influent sewer elevation: 6.52 ft.
2. Finish grade elevation at wet well: 18.91 ft.
3. Force main length: 1525 ft.
4. Force main discharge elevation: 21.71 ft.
 Force main diameter: 4 in. inside dia.
 Force main material (PVC, DI, etc.): C900 PVC
 Force Main is:

| | | |
|-----|-----|----------|
| New | New | Existing |
|-----|-----|----------|

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

| | | | |
|-----|-----------|----------|-----|
| N/A | Permanent | Portable | N/A |
|-----|-----------|----------|-----|

 Generator fuel:

| | | | |
|--|--------|-------------|--|
| | Diesel | Natural Gas | |
|--|--------|-------------|--|

 Power Supply:

| | | | |
|------|------|------|------|
| 480V | 480V | 240V | 208V |
|------|------|------|------|

 Power Supply:

| | | | |
|-------------|-------------|--------------|--|
| Three-Phase | Three-Phase | Single-phase | |
|-------------|-------------|--------------|--|

 Is the lift station a classified space?

| | | |
|-----|-----|----|
| Yes | Yes | No |
|-----|-----|----|