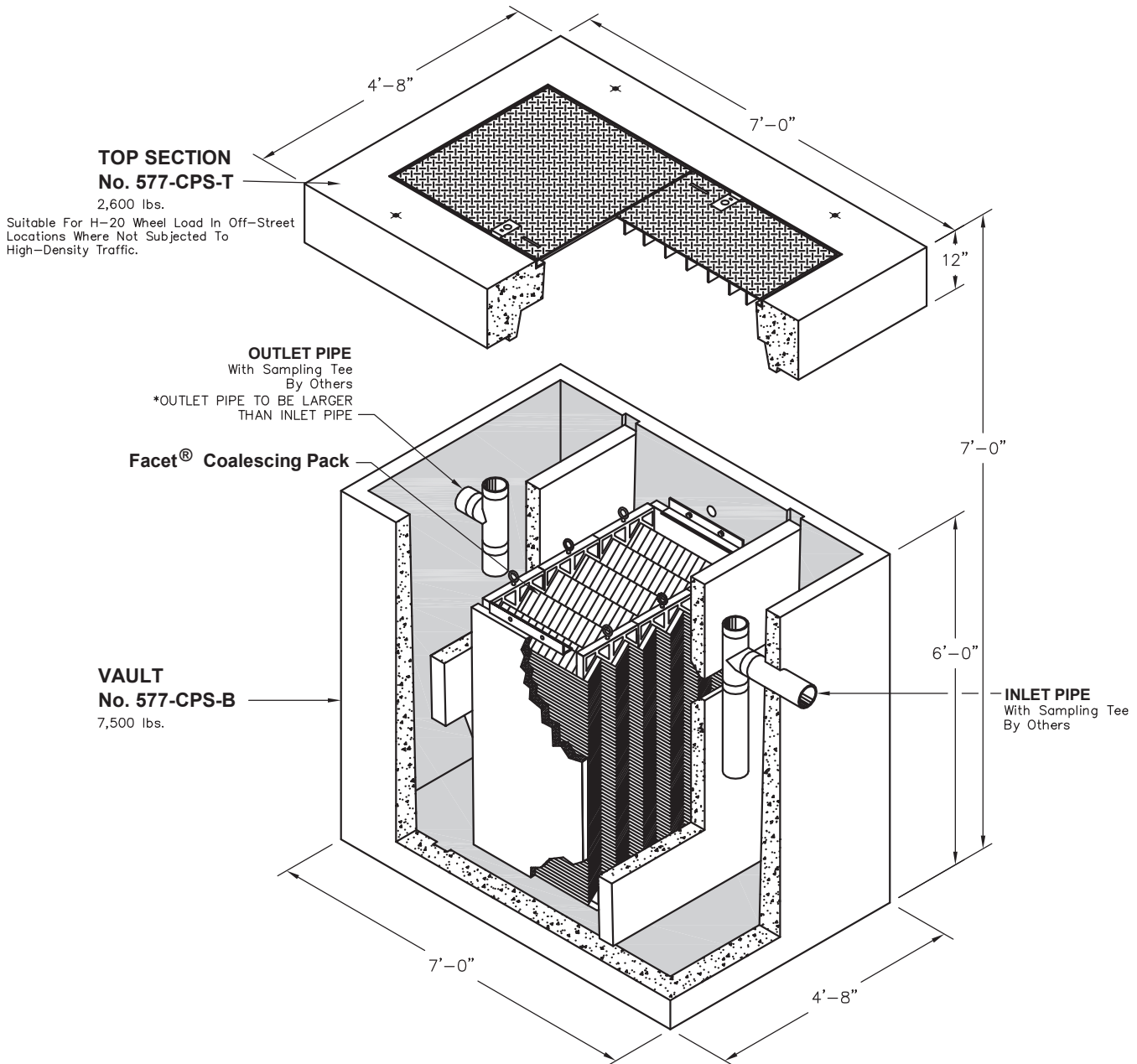


577-CPS OIL WATER SEPARATOR

Project Plate Area = 592 Sq/ft
Maximum Process Flow = 555 GPM

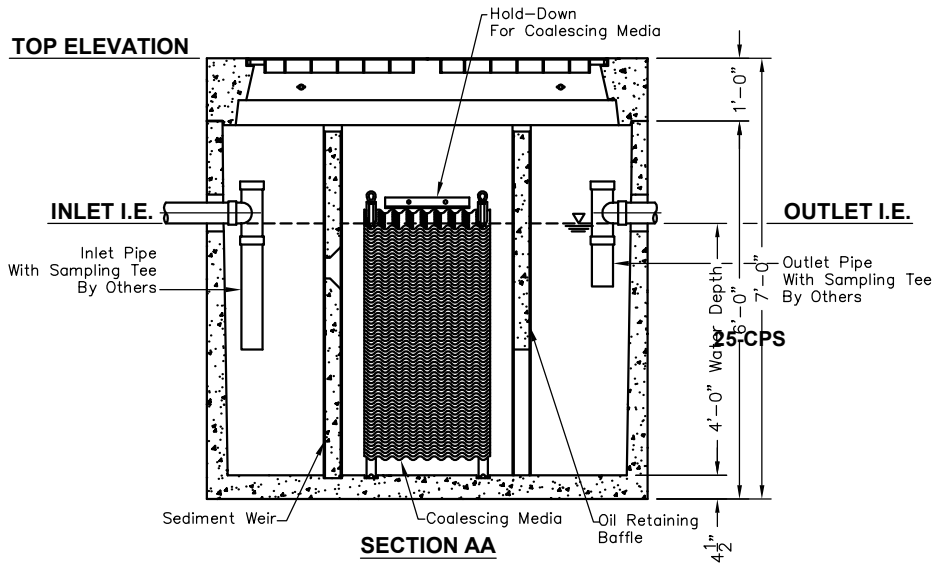
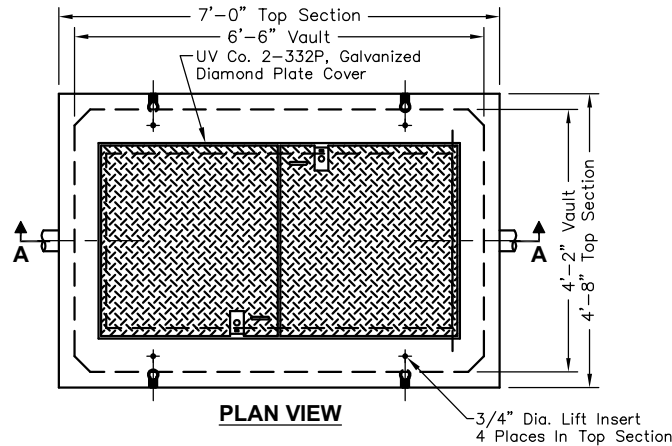


FOR DETAILS, SEE REVERSE>>

Items Shown Are Subject To Change Without Notice
Issue Date: April 2016

577-CPS

Project Plate Area = 592 Sq/ft
 Maximum Process Flow = 555 GPM



STRUCTURAL NOTES:

1. Concrete: 28 Day Compressive Strength $f'c = 7000$ psi
2. Rebar: ASTM A-615 Grade 60
3. Mesh: ASTM A-185 Grade 65
4. Design: ACI-318-05 Building Code
 ASTM C-890 "Minimum Structural Design Loading For Underground Precast Concrete Water and Wastewater Structures"
5. Loads: HS-20 Truck Wheel w/ 30% Impact Per AASHTO

GENERAL NOTES:

1. All Baffles and Weirs To Be Precast Concrete
2. Static Water Depth = 4'-0"
3. Contractor to:
 Supply and Install All Piping & Sampling Tees
 Grout In All Pipes
 Fill With Clean Water Prior To "Start-Up" Of System
 Verify All Blockout Sizes and Locations

INFORMATION NEEDED:

- Top Of Separator Elevation: _____
 Inlet Pipe Size: _____
 Inlet Pipe Elevation: _____
 Outlet Pipe Size: _____
 Outlet Pipe Elevation: _____

BASIC DESIGN INFORMATION:

- INFLUENT CHARACTERISTICS:**
 Oil Specific Gravity: 0.88
 Operating Temperature: 50°
 Influent Oil Concentration: 100 ppm
 Mean Oil Droplet Size: 130 Microns
 0.33 ft/min. Rise Rate
 Designed Per Washington State Department Of Ecology

FLOW RATE	EFFLUENT QUALITY	COLLECTED SIZE
146 GPM	10 ppm	60 Micron
		100%

SCALE: 3/8"=1'-0"