

576-CPS

TOP

No. 576-T-2-332P

3,930 lbs.

Suitable for use in off-street locations where not subjected to high density traffic.

Full 180° Open (Typical)

Projected Coalescing Plate Area = 592 Sq.Ft.
 *Design Flow Rate = 140 GPM (see back page)
 Maximum Process Flow = 754 GPM

(4) - 2 Ton Lift Anchors

Spring Assisted Galvanized Diamond Plate Doors w/Locking Latch
 Optional-NonSlip Doors

OPTIONAL Custom Height Tops Available
 Maximum Height: 5'-10"

4" PVC OUTLET PIPE w/Flexible Connector & Sampling Tee

2 Ton Lift Anchors (1 Each Corner)

Oil Retaining Baffle

BASE ASSEMBLY

No. 576-CPS-B

12,320 lbs.

Base	10,850 lbs.
Baffle Wall	770 lbs.
Weir Wall	700 lbs.
Total	12,320 lbs.

Coalescing Media

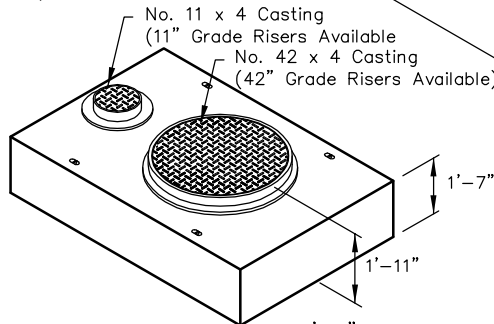
Sediment Weir
 4" PVC INLET PIPE w/Flexible Connector & Tee

OPTIONAL TOP HEAVY TRAFFIC

No. 576-T-CPS-HD

4,470 lbs.

No. 11 x 4 Casting (11" Grade Risers Available)
 No. 42 x 4 Casting (42" Grade Risers Available)



Note: Designed for 0 to 5'-0" of Cover

Note:

- 576-CPS is available set up for future installation of coalescing media and designated as 576-CPS-R.

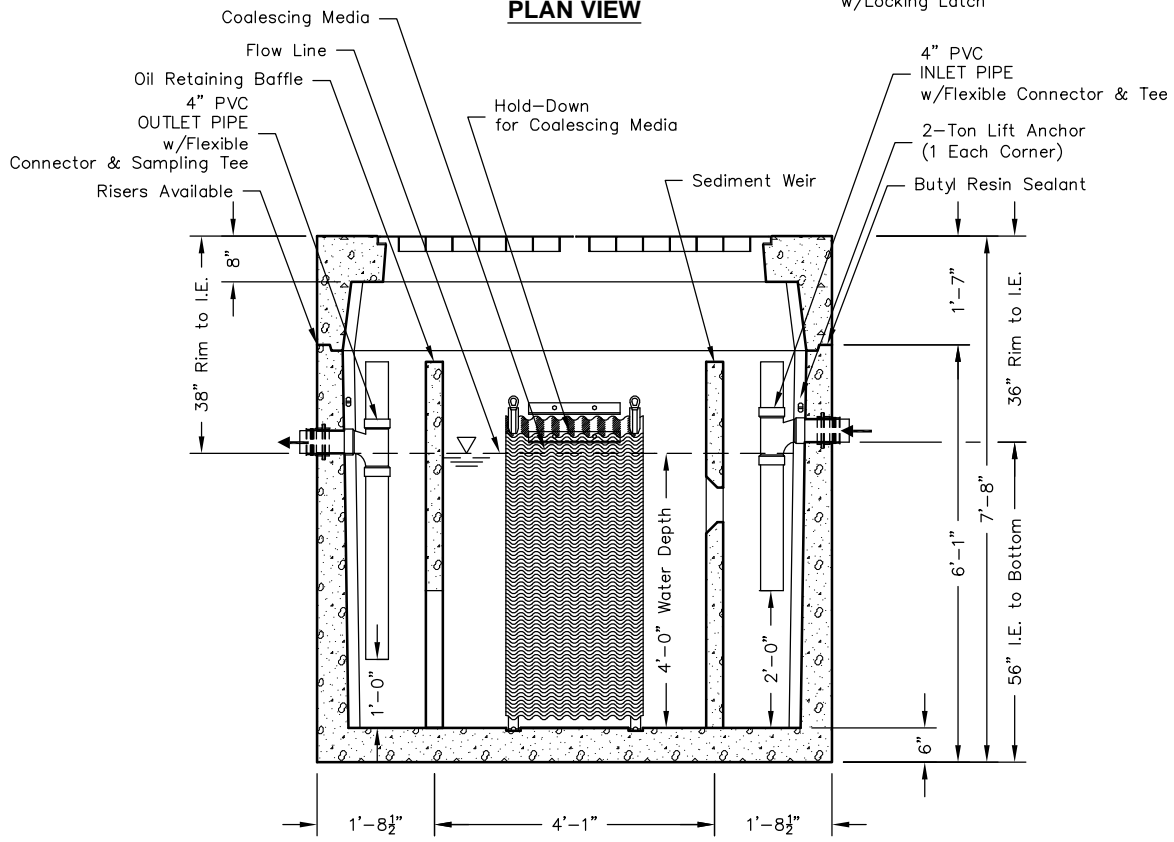
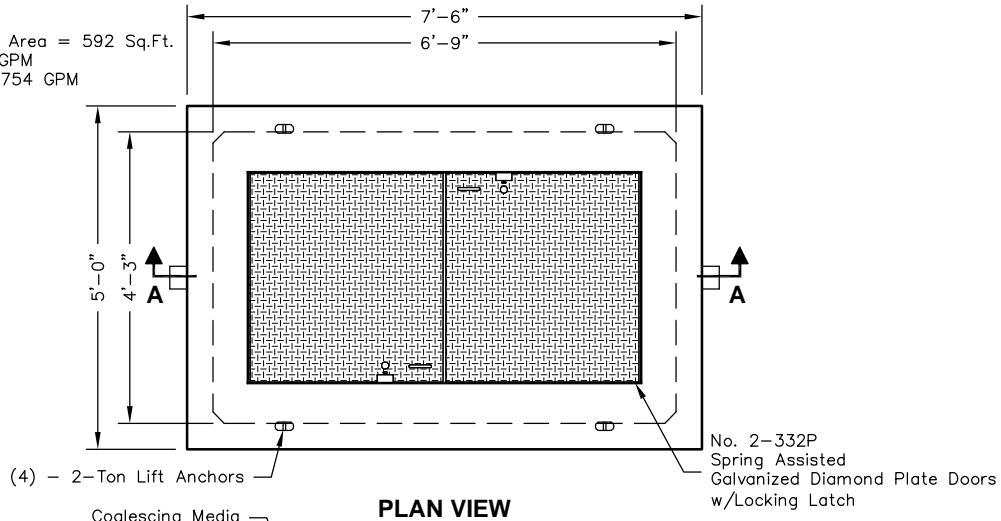
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576-CPS
File Name: 020ECO576CPS1
Issue Date: 2018
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576-CPS
OIL / WATER SEPARATOR
COALESCING - 140 GPM

576-CPS

Projected Coalescing Plate Area = 592 Sq.Ft.
 *Design Flow Rate = 140 GPM
 Maximum Process Flow = 754 GPM




SECTION AA

*DESIGN FLOW RATE	EFFLUENT QUALITY	100% COLLECTED SIZE
140 GPM	10 ppm	60 Micron

Basic Design Information: *
 Influent Characteristics
 - Oil Specific Gravity = 0.88
 - Operating Temperature = 50°
 - Influent Oil Concentration = 100 ppm
 - Mean Oil Droplet Size = 130 Microns
 - .033 ft./min. Critical Oil Droplet Predicted Rise Rate

- Notes:
- Static Water Depth = 4'-0"
 - Prior to "Startup" of system, fill with clean water to bottom of outlet pipe. For best results, fill to flow line.
 - Follow Regular Inspection, Cleaning, & Maintenance Schedule (See Clean Out & Maintenance).

*Basic Design Information per Washington State Department of Ecology; User to Adjust Estimates for Variations in Real Conditions.

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