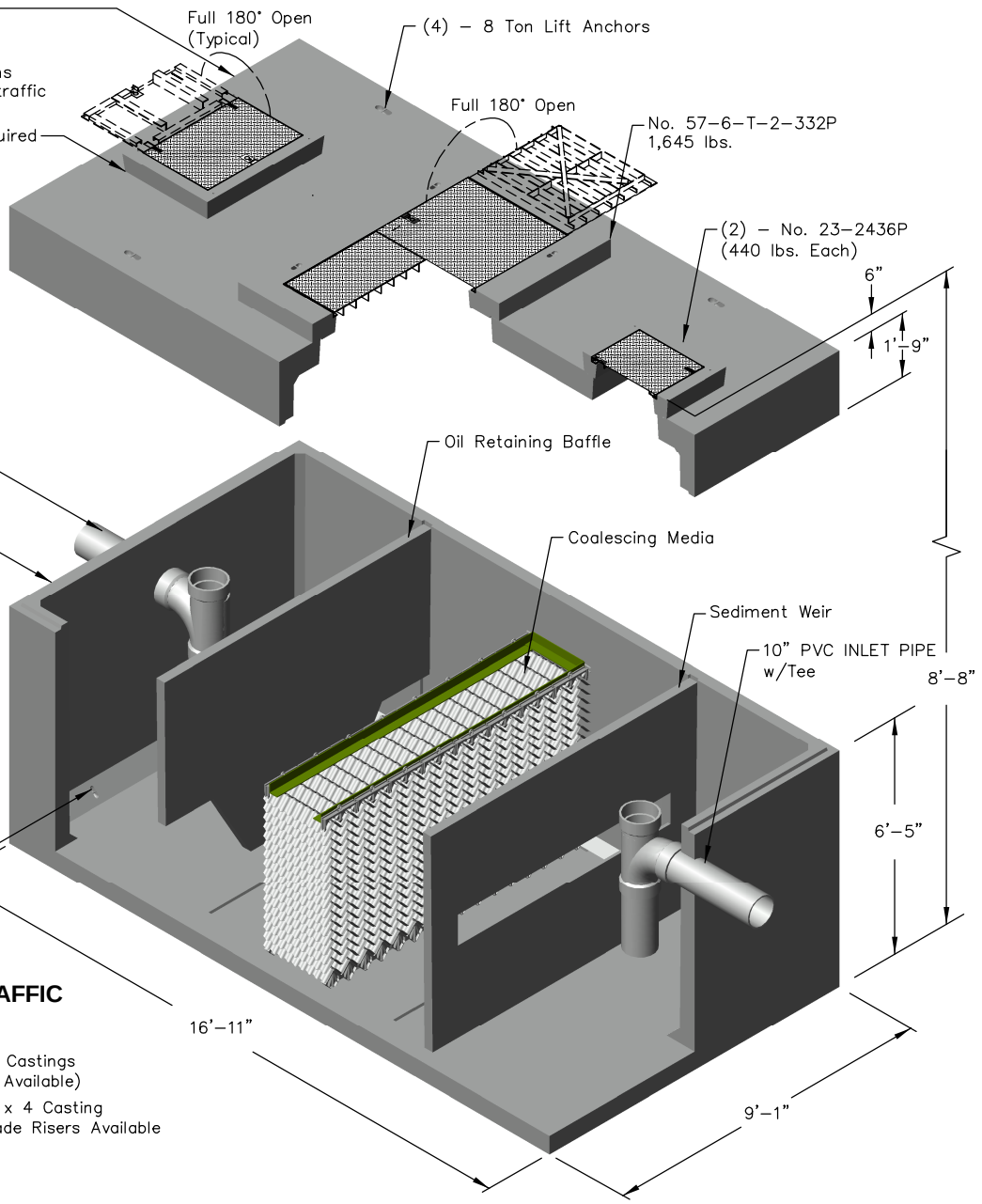
816-1-CPS

Projected Coalescing Plate Area = 1,184 Sq.Ft.
*Design Flow Rate = 280 GPM (see back page)
Maximum Process Flow = 1,508 GPM

TOP
No. 816-T-CPS
14,970 lbs.

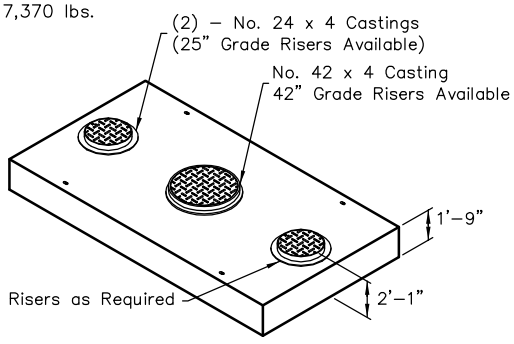
Suitable for use in off-street locations where not subjected to high density traffic



BASE ASSEMBLY
No. 816-B-CPS
34,325 lbs.

Base	31,185 lbs.
Baffle Wall	1,530 lbs.
Weir Wall	1,610 lbs.
Total	34,325 lbs.

OPTIONAL TOP - HEAVY TRAFFIC
No. 816-T-CPS-HD
17,370 lbs.



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

Notes:
– 816–CPS is available set up for future installation of coalescing media and designated as 816–CPS–R.
– Customer is responsible for supplying crane to set and assemble vault.

Oldcastle Precast®
PO Box 323, Wilsonville, Oregon 97070-0323
Tel: (503) 682-2844 Fax: (503) 682-2657

816-1-CPS	816-1-CPS OIL / WATER SEPARATOR COALESCING - 280 GPM
File Name: 020-816CPS1	
Issue Date: 2018	
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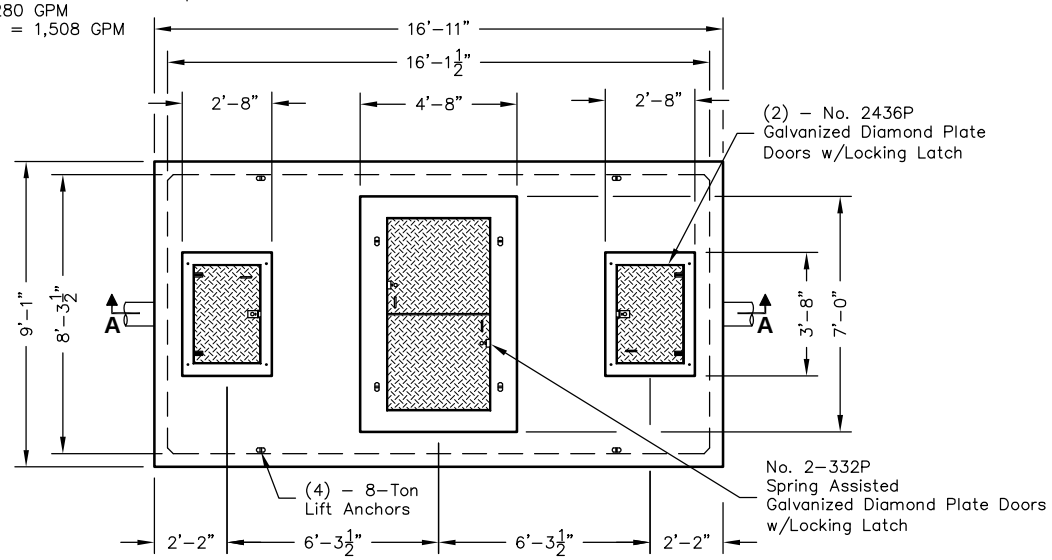
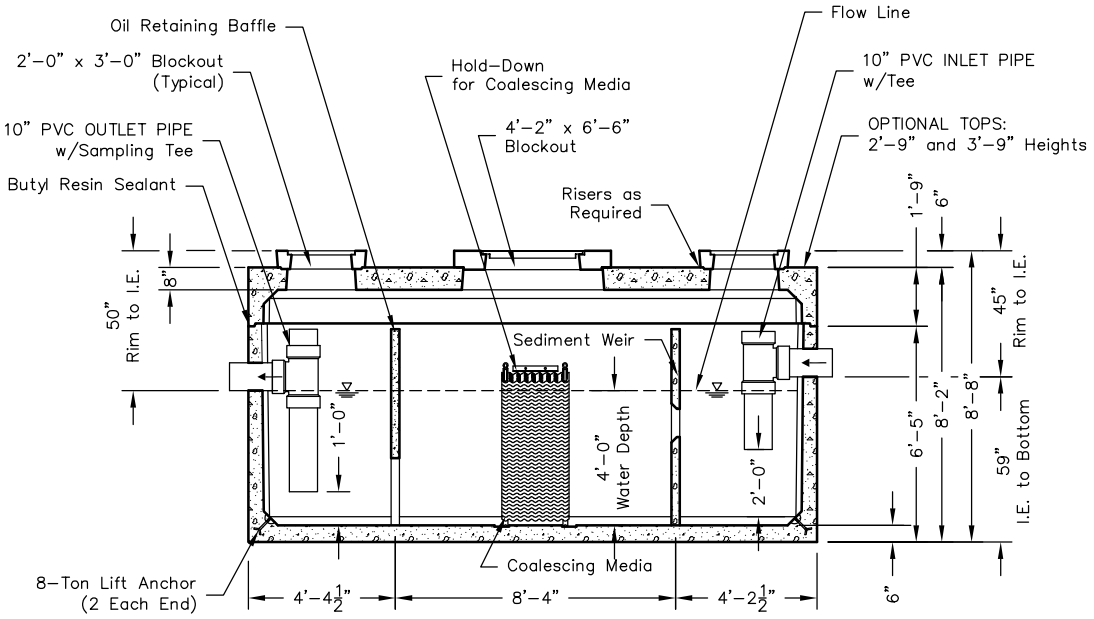
816-1-CPS

Projected Coalescing Plate Area = 1,184 Sq.Ft.
*Design Flow Rate = 280 GPM
Maximum Process Flow = 1,508 GPM



PLAN VIEW



SECTION AA

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

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: *
Influent Characterics
- 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

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

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