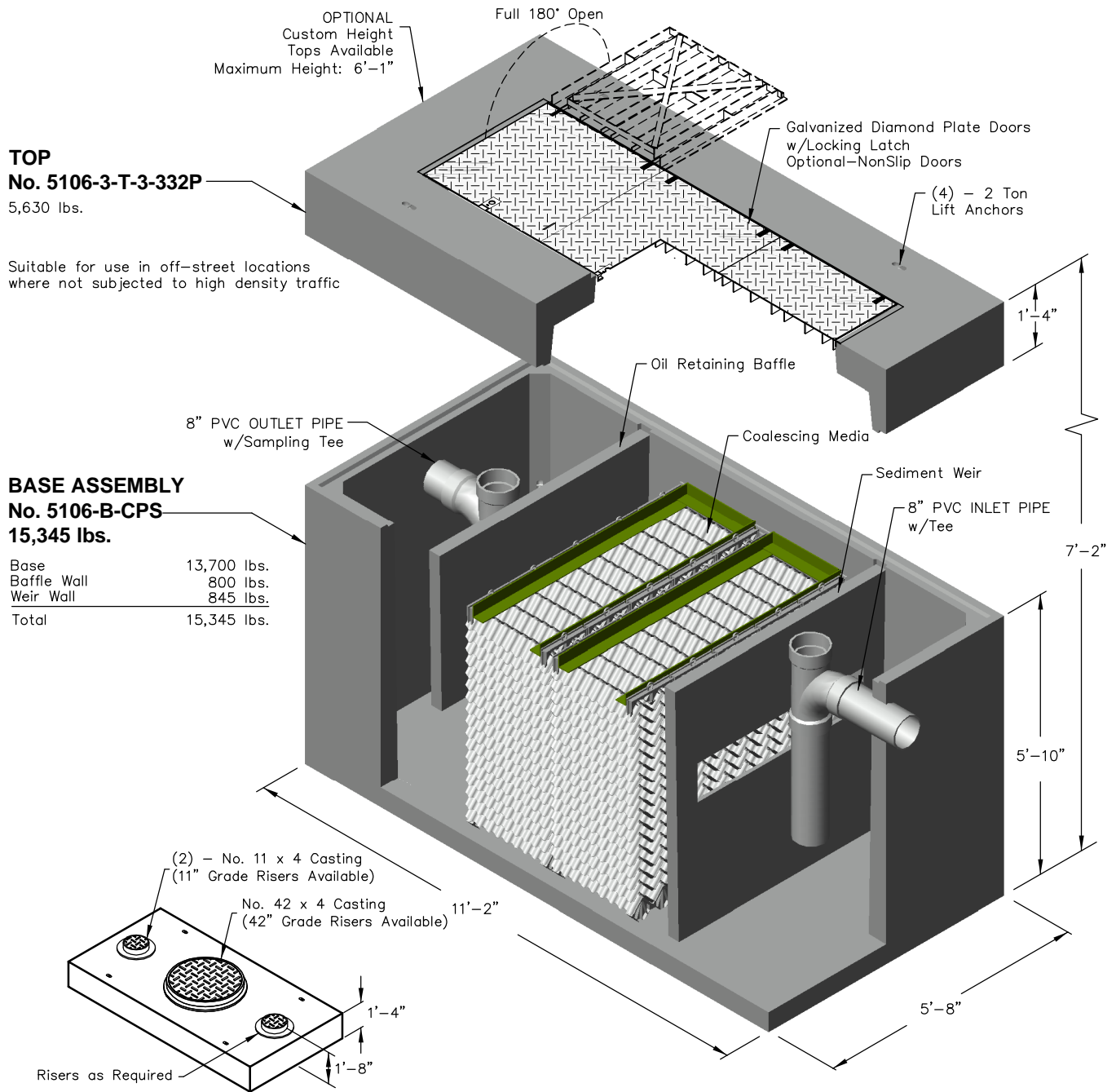



# 5106-2-CPS



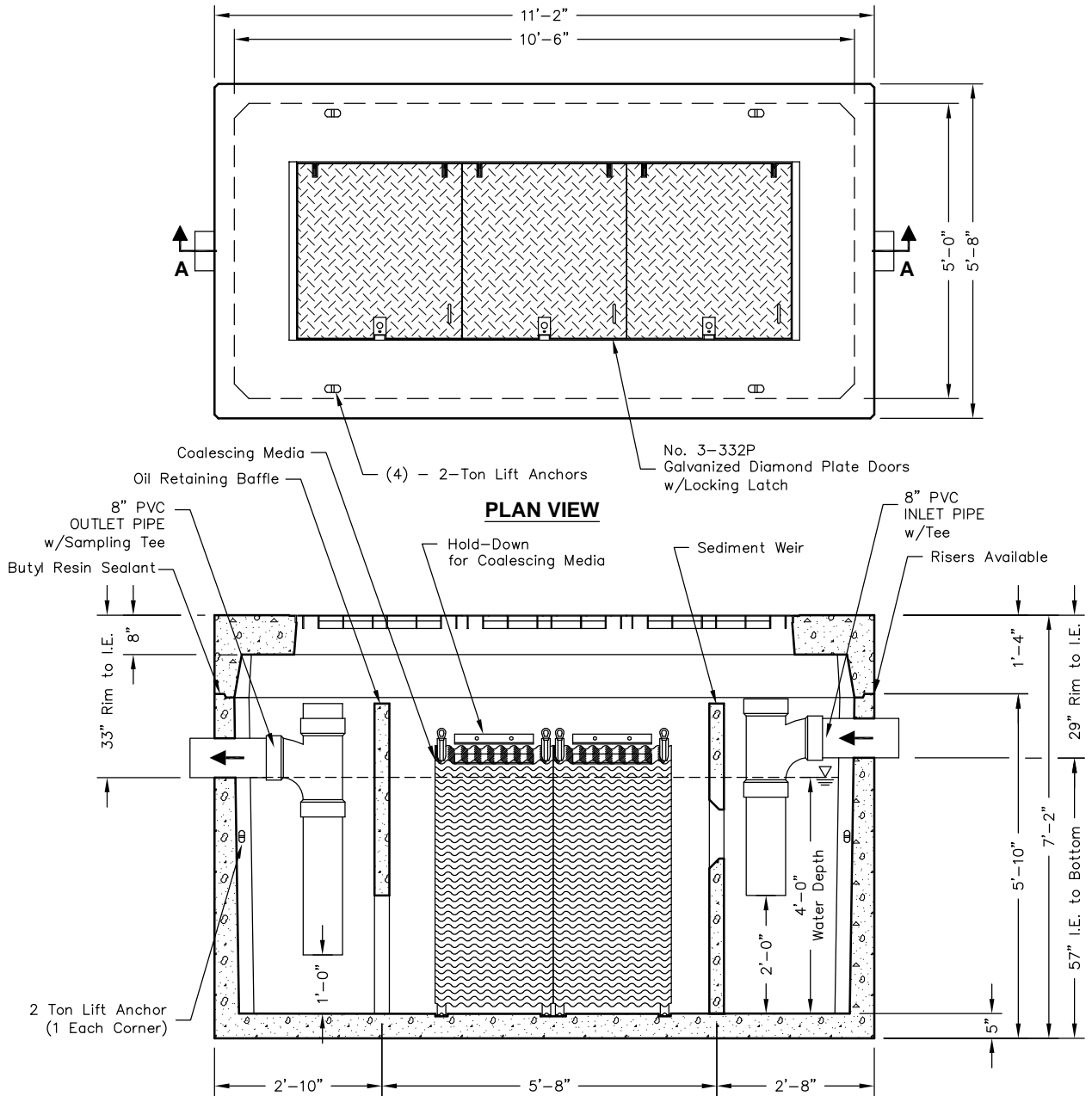
- Notes:
- 5106-2-CPS is available set up for future installation of coalescing media and designated as 5106-CPS-R.
  - Customer is responsible for supplying crane to set and assemble vault.

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

 PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657	<b>5106-2-CPS</b>	<b>5106-2-CPS</b> <b>OIL / WATER SEPARATOR</b> <b>COALESCING - 280 GPM</b>
	File Name: 020-5106CPS2	
	Issue Date: 2018	
	<a href="http://oldcastleprecast.com/wilsonville">oldcastleprecast.com/wilsonville</a>	

# 5106-2-CPS

Projected Coalescing Plate Area = 1,184 Sq.Ft.  
 \*Design Flow Rate = 280 GPM  
 Maximum Process Flow = 754 GPM




*DESIGN FLOW RATE	EFFLUENT QUALITY	100% COLLECTED SIZE
280 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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