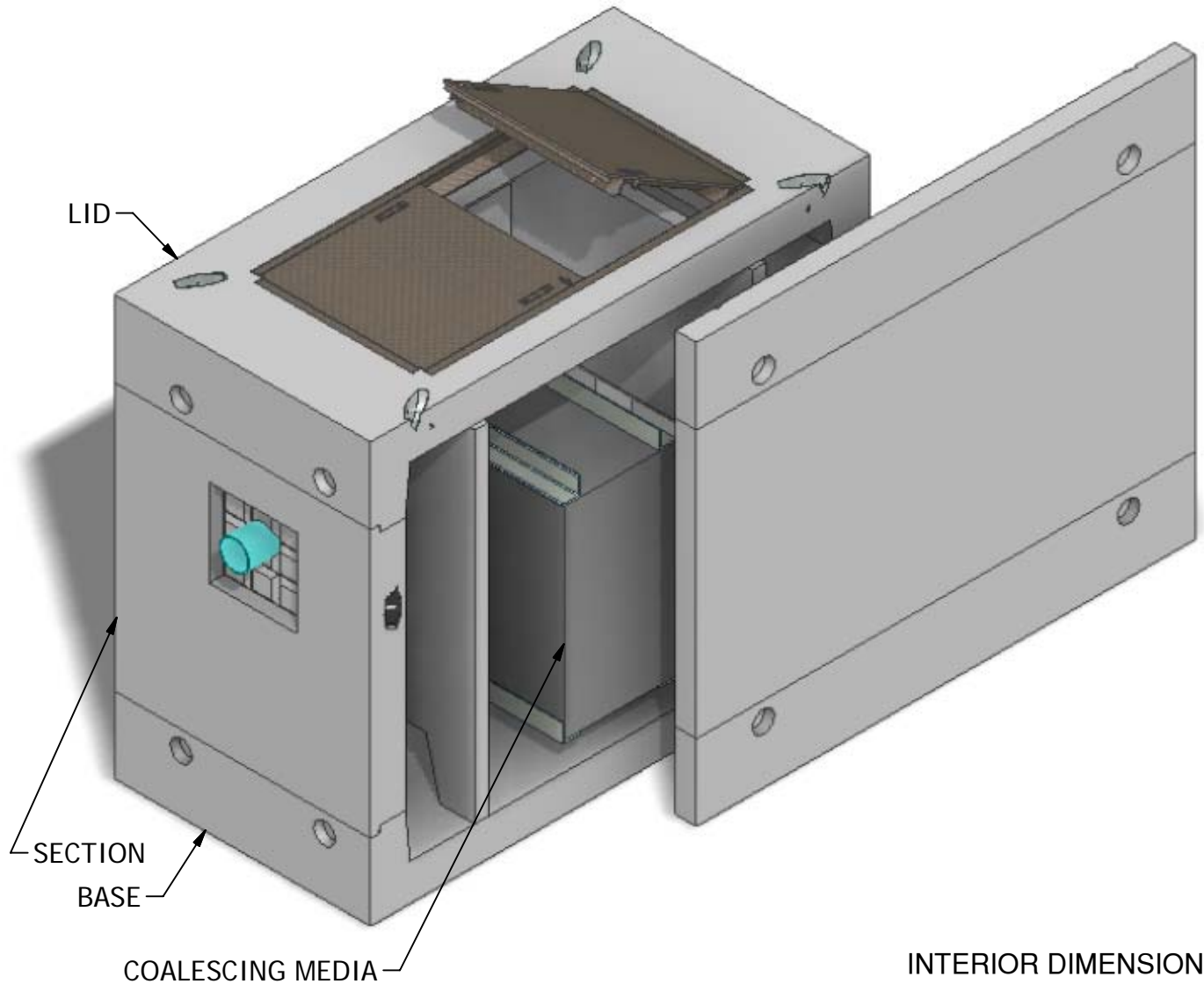


# 4 x 8 Coalescing Separator 1

Projected Plate Area: 983 Sq/ft  
Max. Process Flow Rate: 929 GPM



INTERIOR DIMENSIONS:  
4'-4"W x 8'-4"L x 6'-3"H

WEIGHTS:  
LID (4,360 lbs)  
SECTION (8,580 lbs)  
BASE (5,600 lbs)

NOTE: Side panel has been shifted to show internal view and is not removable.

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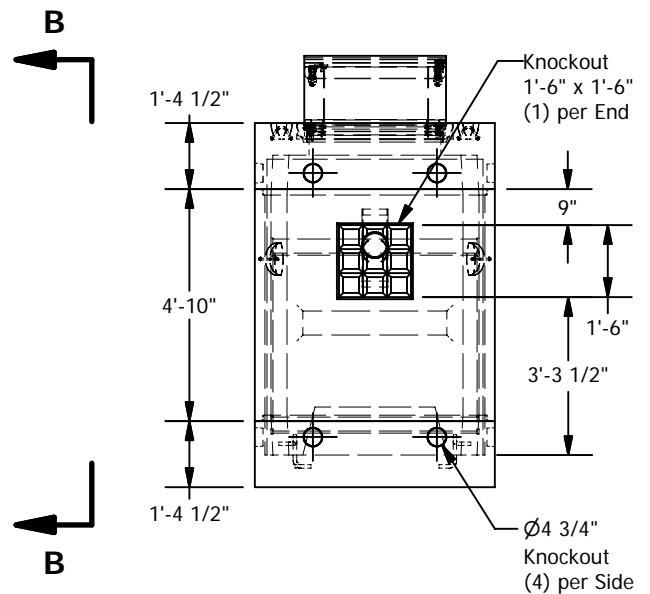
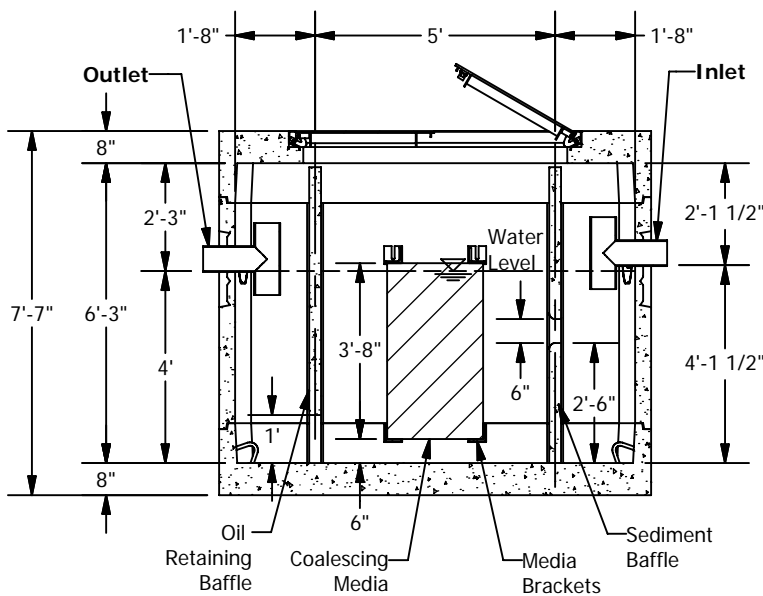
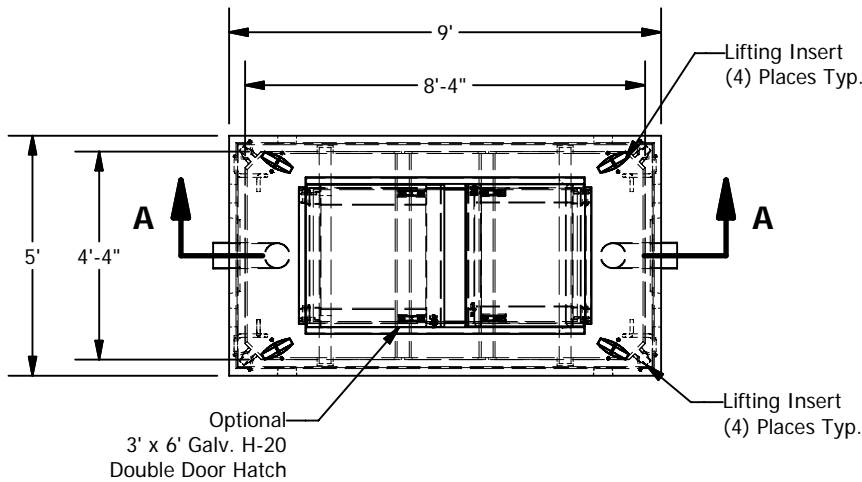
**PRECASTING &  
CONCRETE INC.**

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# 4 x 8 Coalescing Separator 1

Projected Plate Area: 983 Sq/ft  
Max. Process Flow Rate: 929 GPM

**BASIC DESIGN INFORMATION**  
 Design Flow = 246 GPM  
 Influent Oil Concentration = 100 ppm  
 Operating Temperature = 50 deg. F  
 Sized to Remove 60 micron and larger  
 Oil Specific Gravity = 0.88  
 Oil Rise Rate = 0.033 ft/min  
 Effluent Quality = 10 PPM  
 Designed per WA State Dept. of Ecology  
 "Volume V Runoff Treatment BMPs",  
 Chapter 11, August 2001



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## SPECIFICATIONS

- Concrete: Fc=5,000 psi @ 28 days
- Rebar: ASTM A-615 Grade 60
- Design: ASTM C-857 "Minimum Structural Design Loading for Underground Precast Concrete Utility Structures"
- Loads: AASHTO HS-20
- Backfill with granular free draining material (sand or pea gravel) free of stones or cobbles greater than 4" dia.
- All pipe to be supplied and installed by contractor.
- Contractor to field install baffle.
- Fill with clean water prior to start up.
- Items shown are subject to change without notice.