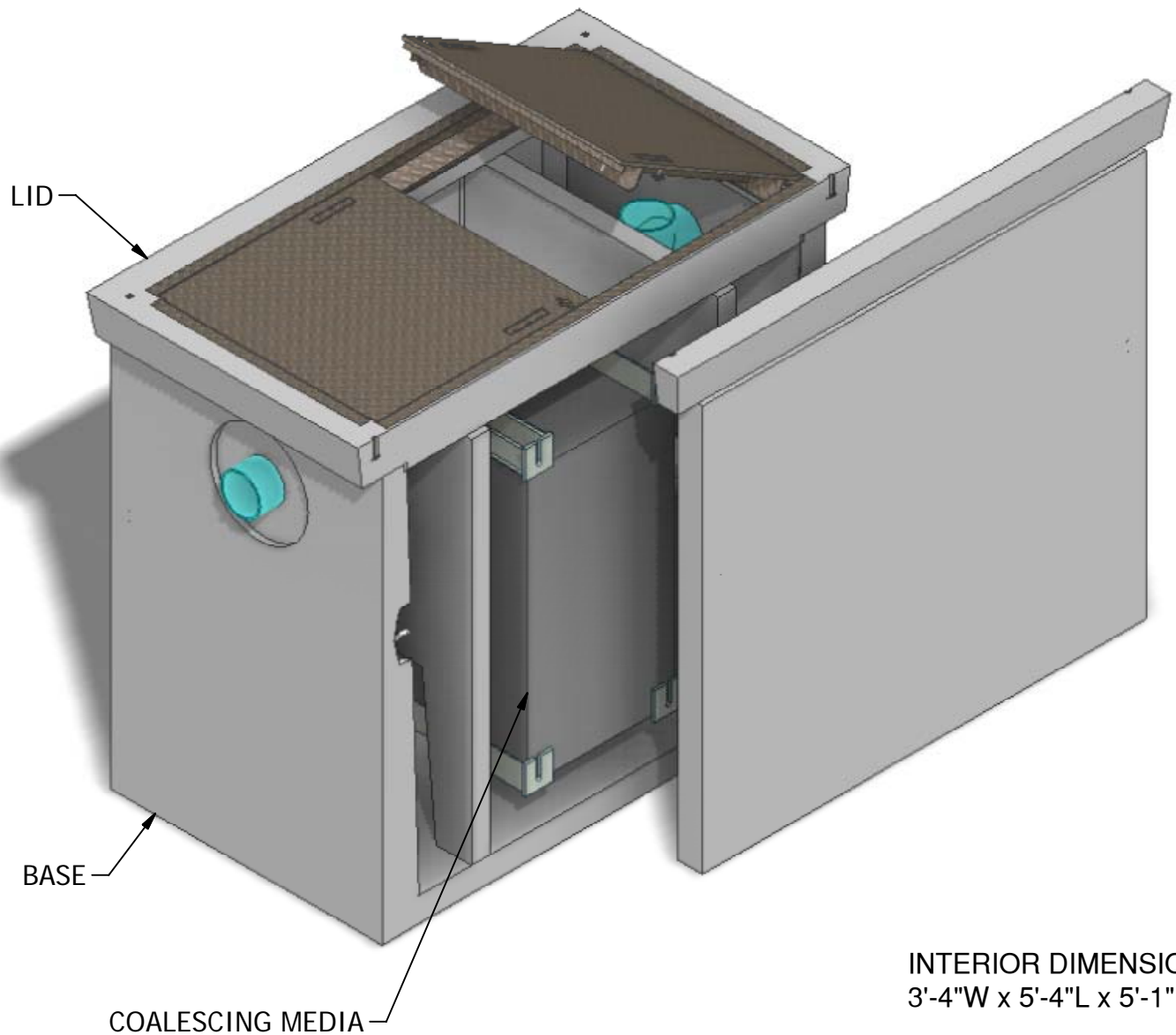


# 6 x 4 Coalescing Separator 1

Projected Plate Area: 756 Sq/ft  
Max. Process Flow Rate: 715 GPM



INTERIOR DIMENSIONS:  
3'-4"W x 5'-4"L x 5'-1"H

WEIGHTS:  
LID (1,500 lbs)  
BASE (6,720 lbs)

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

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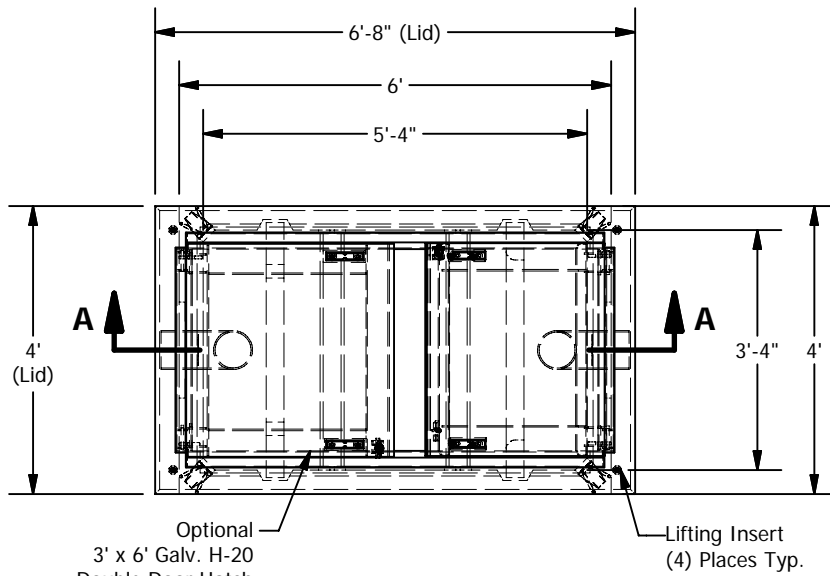
**PRECASTING &  
CONCRETE INC.**

4116 BAKERVIEW SPUR • BELLINGHAM, WA. 98226 • (360) 671-2251 • 1-800-808-2251 • FAX: (360) 671-0780

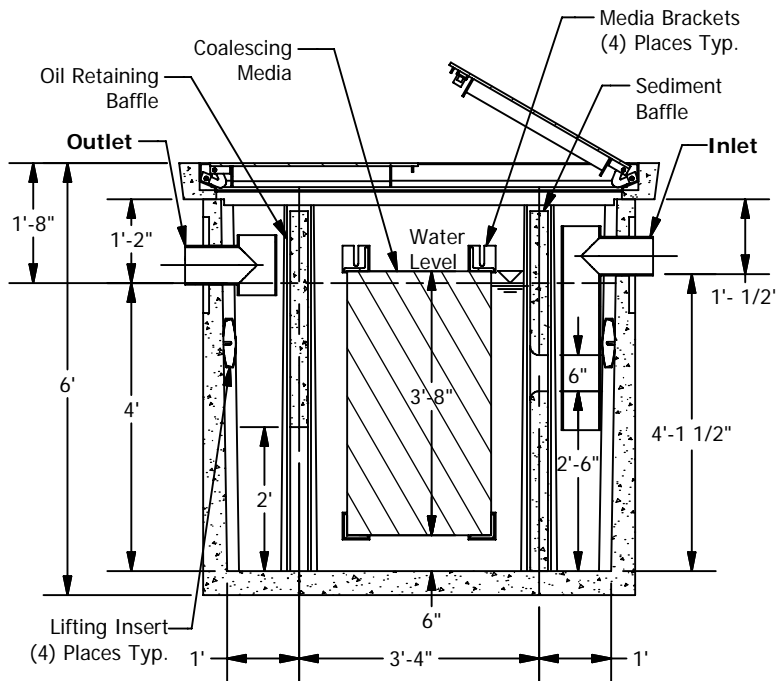
# 6 x 4 Coalescing Separator 1

Projected Plate Area: 756 Sq/ft  
Max. Process Flow Rate: 715 GPM

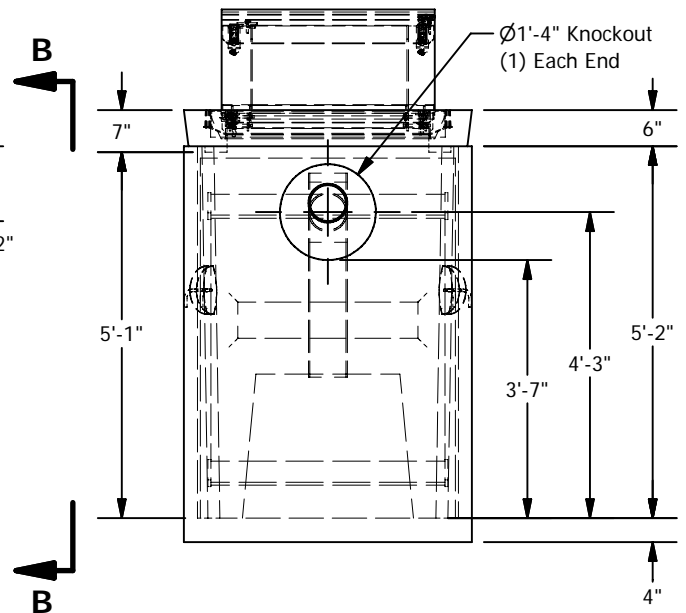
**BASIC DESIGN INFORMATION**  
Design Flow = 190 GPM  
Influent Oil Concentration = 100 ppm  
Operating Temperature = 50 deg. F  
Sized to Remove 60 micron and larger  
Oil Specific Gravity = 0.88  
Oil Rise Rate = 0.033 ft/min  
Effluent Quality = 10 PPM  
Designed per WA State Dept. of Ecology  
"Volume V Runoff Treatment BMPs",  
Chapter 11, August 2001



**PLAN**



**SECTION A-A**



**VIEW B-B**

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**SPECIFICATIONS**

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