

eciLine-b CONFORMS TO ALL "EN-858" REQUIREMENTS:

OIL SPECIFIC GRAVITY:	0.85
(NON-EMULSIFIED / FREE OIL):	850 kg/m ³ (=53 lbs/ft ³)
OPERATING TEMPERATURE:	4-20°C (≈40-70°F)
INFLUENT OIL CONCENTRATION:	5ml/l (≈5000ppm)
EFFLUENT OIL CONCENTRATION:	5mg/l (≈5ppm)
FLOW RATE:	3 l/s (≈50gpm)

GENERAL NOTES:

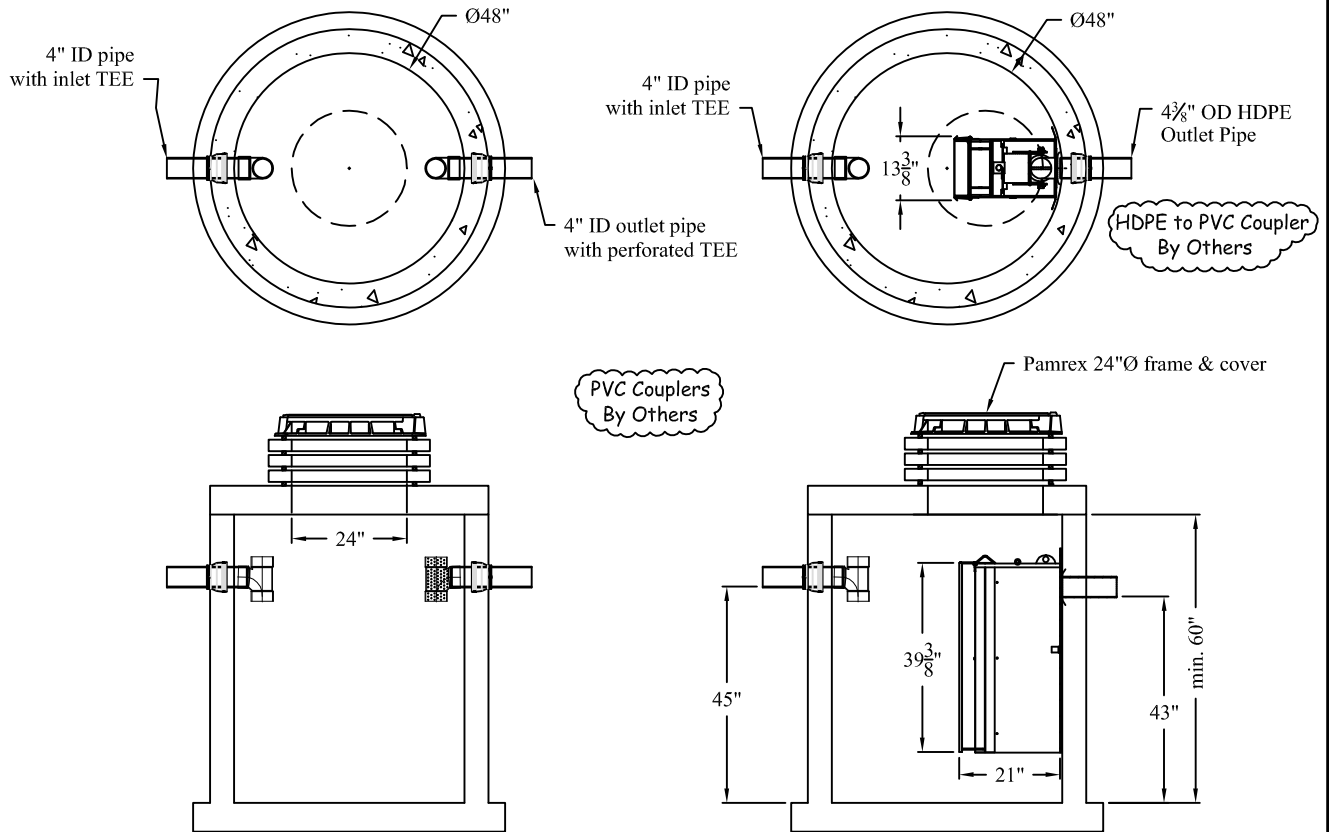
- MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST ASTM C478 SPEC. FOR "PRECAST" REINFORCED CONCRETE MANHOLE SECTIONS.
- DESIGN LOADING: HS20-44



ecoLine-b 50 gpm

PROTECTIVE INTERIOR LINING (OPTIONAL)

1. STRUCTURE WALLS AND FLOOR TO BE CAST WITH GSE H.D.P.E. "STUDLINER" TO THE FIRST HORIZONTAL JOINT ABOVE PIPE CROWNS.
2. WELDING TO BE COMPLETED BY CERTIFIED EXTRUSION FIELD WELDER'S.
3. ALL WELDS TO BE SPARK TESTED



Grit Chamber (OPTIONAL)
same vertical dims. as
corresponding ecoLine-b

ecoLine-b 50gpm
1 - 48"Ø required (min.)



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PROJECT NOTES:

1. CONTRACTOR RESPONSIBLE FOR WATERTIGHT SEALING OF ADJUSTMENT RINGS TO VAULT AND FRAME & COVER.
2. ALL PIPE TO VAULT SEALS TO BE A-LOK OR EQUAL.
3. ANY AND ALL PIPE COUPLERS BY CONTRACTOR.
4. HEAVIEST PIECE ____ LBS.

Proprietary Information: Patent Pending Design, All Rights Reserved - Royal Environmental Systems, Inc.
Royal Environmental Systems not responsible for any field testing or mitigation procedures (if required).

Project: _____	Location: _____
Owner: _____	Scale: NTS
Engineer: _____	Designed By: jgs
Contractor: _____	Date: 03-26-09
Manufacturer: Royal Concrete Pipe	Drawing #: ecoLine-b 50gpm
Product Designation: ecoLine-b - High-efficiency Oil Water Separator	

Drawn By: _____
Rev. Date: _____

