

GENERAL SPECIFICATIONS

NO. REQ'D: (1)
CAPACITY: 4000 GALLONS
TYPE: HTC-EZ, ABOVEGROUND CYLINDRICAL, DW TYPE I 360
MATERIAL: MILD CARBON STEEL
FLOW RATE: 400 GPM
GAUGE:

INNER

OUTER

SHELL- 7 GA. 10 GA.
HEADS- 7 GA. 10 GA.

SURFACE PREP:
SSPC NO.6 BLAST ALL EXTERIOR SURFACES
SSPC NO.10 BLAST ALL INTERIOR SURFACES

COATING: MATERIAL THICKNESS
EXTERIOR- CHEMPRIME 3001 (3-6 MILS)
CHEMTHANE 3300 (2-3 MILS)
TOP COAT "WHITE"
INTERIOR- CHEMLINE 4200 PW (15 MILS)

CONSTRUCTION :
LAP FIT & WELD ALL EXTERIOR SEAMS
OPERATING PRESSURE : ATMOSPHERIC

Plan view of the oil/water separator. The drawing shows a rectangular layout with various internal components and dimensions. Key dimensions include a 24" width for a section, a 48" width for another section, and a 54" TYP height for a section. Components are labeled with circled numbers 1 through 18. A 6" dimension is shown at the bottom left, and a 9" dimension is shown at the top left.

PLAN

PROVIDED EQUIPMENT

1. 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT

2. 4"Ø FNPT FOR GAUGE WITH PLUG

3. VELOCITY HEAD DIFFUSION BAFFLE

4. WEAR PLATE

5. SEDIMENT CHAMBER

6. UNDERFLOW BAFFLE (REMOVABLE)

7. SLUDGE BAFFLE

8. STRIKER PLATES

9. REMOVABLE PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)

10. OIL/WATER SEPARATOR CHAMBER

11. 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE

12. STEEL OUTLET DOWNCOMER

13. RECTANGULAR MANWAY

14. 4"Ø FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED

15. 2"Ø FNPT FOR LEVEL SENSOR

16. LIFTING LUG

17. 2"Ø FNPT FOR VENT

18. 2"Ø FNPT FOR LEAK SENSOR

ANCILLARY PROVIDED EQUIPMENT

(1) 48"x54" CLOSED CELL FOAM MANWAY GASKET

(1) SETS OF NUTS/BOLTS/WASHERS FOR 48"x54" MANWAY

(1) 24"x54" CLOSED CELL FOAM MANWAY GASKET

(1) SETS OF NUTS/BOLTS/WASHERS FOR 24"x54" MANWAY

NOTES

1. ALL VENT PIPING BY INSTALLER

End view of the oil/water separator. The drawing shows a circular manway with a diameter of 64" (Ø64"). The manway is surrounded by a 6" TYP flange. Dimensions include a 3" height for the top flange and a 9" height for the bottom flange. Components are labeled with circled numbers 1 through 18.

END VIEW

Elevation view of the oil/water separator. The drawing shows a side profile of the tank with various internal components and dimensions. Key dimensions include a 24'-0" overall length, a 72" section, a 92" section, and a 16" section. Components are labeled with circled numbers 1 through 18. A 10" dimension is shown at the top left, and a 6" dimension is shown at the bottom left. A 24" dimension is shown at the bottom right. A 12" dimension is shown at the bottom left. A 36" dimension is shown at the bottom left. A 48" dimension is shown at the bottom left. A 12" dimension is shown at the bottom left. A 22" dimension is shown at the bottom left. A 6" dimension is shown at the bottom left. A 9" dimension is shown at the top left. A 10" dimension is shown at the top left. A 6" dimension is shown at the bottom left. A 24" dimension is shown at the bottom right. A 16" dimension is shown at the bottom right. A 92" dimension is shown at the bottom right. A 72" dimension is shown at the bottom right. A 24'-0" dimension is shown at the bottom right.

ELEVATION

NOTE :
ALL RIGHTS RESERVED. THIS DRAWING OR ANY PART THEREOF MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK.
HIGHLAND TANK SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE / LOCATION OF FITTINGS , ACCESSORIES & COATINGS SHOWN ON THIS DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE + OR - 1"

SCALE: 1/4"=1'-0"

DATE:

DWG. BY:

DWG. NO.: 04000AGCYLDWHTCEZ

REVISIONS

Highland Tank

U.S. Patent #4,722,800 Canadian Patent # 1,296,263

4000 GALLON OIL WATER SEPARATOR
HTC-EZ, ABOVEGROUND CYLINDRICAL,
DW TYPE I 360

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY: