

GENERAL SPECIFICATIONS

NO. REQ'D: (1)
CAPACITY: 4000 GALLONS
TYPE: HTC, 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)
CHEMLINE 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 cylindrical tank with various internal components labeled with circled numbers 1 through 18. A horizontal centerline is shown with dashed lines. Dimensions include a 9" vertical offset on the left and a 6" horizontal offset on the left. The tank is divided into sections by vertical dashed lines.

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. 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. 24"Ø 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

(2) 24" FIBREFLEX MANWAY GASKETS

(2) SETS OF NUTS/BOLTS/WASHERS FOR 24" 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 labeled with circled numbers 1 through 18. Dimensions include a 6" typical height and a 3" offset on the right. The manway is shown in a cross-section view.

END VIEW

Elevation view of the oil/water separator. The drawing shows a cylindrical tank with various internal components labeled with circled numbers 1 through 18. Dimensions include a 9" vertical offset on the left, a 10" vertical offset on the left, a 6" vertical offset on the left, a 22" vertical offset on the left, a 6" vertical offset on the left, a 24" vertical offset on the right, and a 16" vertical offset on the right. The tank is divided into sections by vertical dashed lines. The total length is 24'-0".

ELEVATION

NOTE :
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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.: 04000AGCYLDWHTC
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REVISIONS

HIGHLAND TANK

MFG. CO.

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

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

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY: