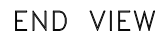


NO. REQ'D: (1)
CAPACITY: 5000 GALLONS
TYPE: RECTANGULAR, HTC-G, ABOVEGROUND, SINGLEWALL
MATERIAL: MILD CARBON STEEL
FLOW RATE: 500 GPM

CONSTRUCTION:
BUTT FIT & WELD ALL CORNERS IN & OUT

1. ALL INTERNAL MATERIAL IS 10 GA
2. ALL THREADED DRAIN FITTINGS TO HAVE STEEL THREADED PLUGS AND COATED WITH TANK
3. ALL OTHER THREADED FITTINGS TO HAVE PVC THREADED PLUGS
4. LIFTING LUGS HAVE REINFORCING PLATES



1. 3"x3"x1/4" FLAT W/ 9/16"Ø HOLE DRILLED IN CENTER (GROUNDING LUG)
2. SEDIMENT CHAMBER
3. OIL WATER SEPARATOR CHAMBER
4. 150# RF50 FLANGED INLET
5. STEEL TRANSFER ELBOW PIPING
6. VELOCITY HEAD DIFFUSION BAFFLE - 10GA
7. WEAR PLATE - 1/4"
8. REMOVABLE PARALLEL CORRUGATED PLATE COALESCER (CORELLA PVC PLATES) 1" PLATE SPACING
9. SLUDGE BAFFLE - 10GA
10. FLANGED PVC OUTLET DOWNCOMER PIPE
11. 150# RF50 FLANGED OUTLET W/ INTERNAL STEEL ELBOW AND FLANGE
12. (7) PIECE COVER W/ 5/8" BOLT HOLES - 7 GA
13. NUTS & BOLTS W/ LARGE WING NUTS-TYP. (CORROSION RESISTANT)
14. GASKET MATERIAL (FOR EACH REMOVABLE COVER)
15. 3"Ø FNPT (CLEAN-OUT)
16. 2"Ø FNPT (VENT)
17. 2"Ø FNPT HALF COUPLING (DRAIN) W/ STEEL PLUG
18. 3"Ø FNPT FULL COUPLING W/ 3" Ø INTERNAL PVC PIPE (OIL PUMPOUT)
19. 2"Ø FNPT HALF COUPLING (INTERFACE LEVEL SENSOR)
20. 7GA. CROSSMEMBER 9" WIDE FOR OIL PUMP-OUT AND LEVEL SENSOR FTG.
21. HANDLES PER H.T. STANDARD
22. 6" THICK REMOVABLE PETROSCREEN CARTRIDGE COALESCER
23. 10"Ø STEEL ELBOW W/ FLANGE WELDED TO TOP FOR PVC RISER PIPES
24. 10"Ø ADJUSTABLE FERNCO COUPLING
25. 1/2" THICK LIFTING LUG ANGLED TOWARD CENTER
26. 1"Ø FNPT COUPLING W/ PLUG
27. 2"Ø FNPT HALF COUPLING (SPARE)
28. SLUDGE CHAMBER
29. INTERNAL BULKHEAD

Highland Tank

5000 GALLON OIL WATER SEPARATOR
RECTANGULAR, HTC-G, SINGLE WALL

DWG. NO.:
05000RECSWHTC

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: | DATE: |
| 1/4"=1'-0" | 1-31-14 |

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|----------|
| DWG. BY: |
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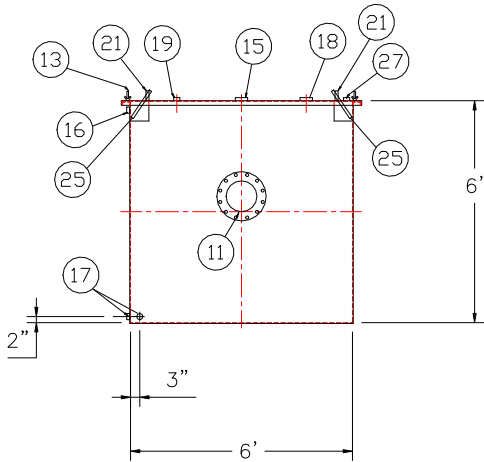
DWG. NO.:

GENERAL SPECIFICATIONS

NO. REQ'D: (1)
CAPACITY: 5000 GALLONS
TYPE: RECTANGULAR, HTC-G, ABOVEGROUND, SINGLEWALL
MATERIAL: MILD CARBON STEEL
FLOW RATE: 500 GPM
GAUGE:
SHELL- 7 GA
HEADS- 7 GA
SURFACE PREP:
SSPC NO.10 BLAST ALL INTERIOR SURFACES
SSPC NO.6 BLAST ALL EXTERIOR 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:
BUTT FIT & WELD ALL CORNERS IN & OUT

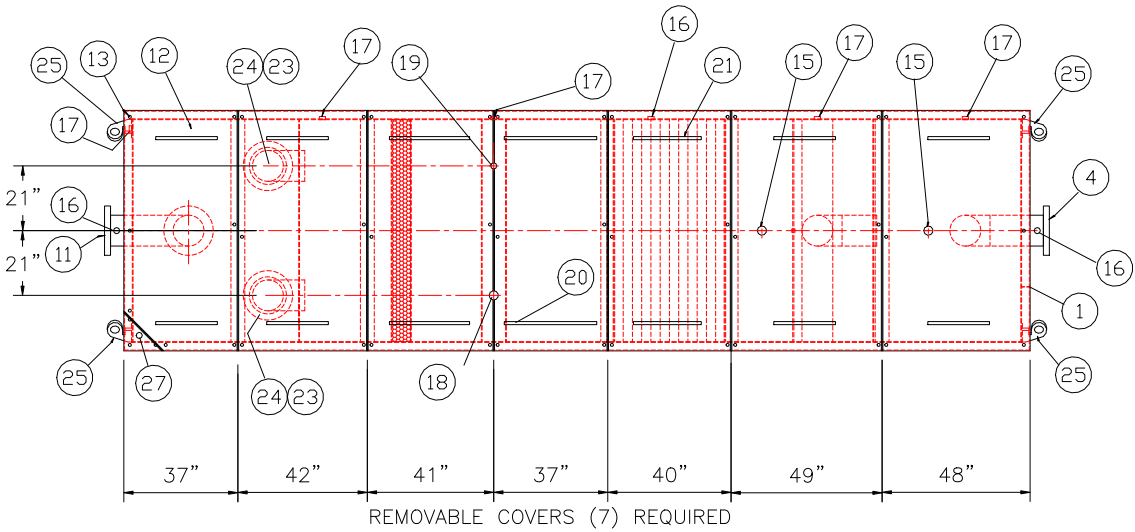
NOTES

- 1. ALL INTERNAL MATERIAL IS 10 GA
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- 3. ALL OTHER THREADED FITTINGS TO HAVE PVC THREADED PLUGS
- 4. LIFTING LUGS HAVE REINFORCING PLATES

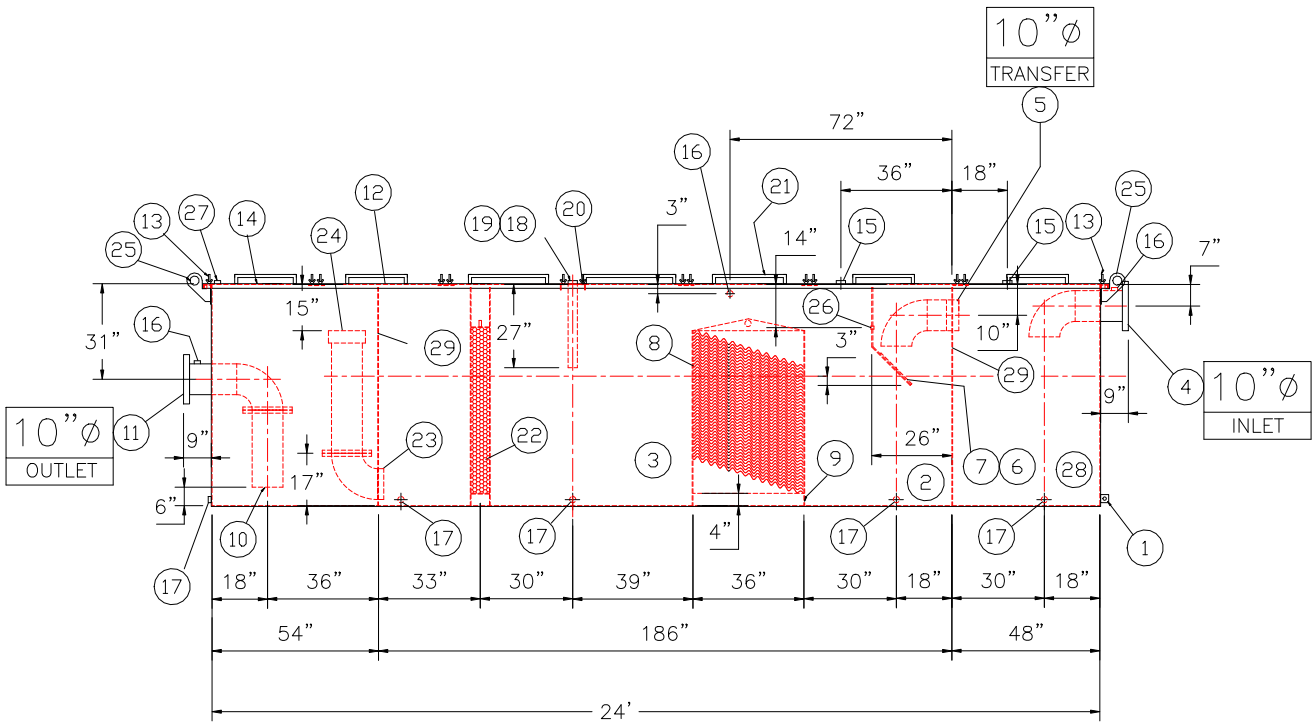


END VIEW

NOTE :
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PLAN VIEW



ELEVATION

PROVIDED EQUIPMENT

- 1. 3"x3"x1/4" FLAT W/ 9/16"ø HOLE DRILLED IN CENTER (GROUNDING LUG)
- 2. SEDIMENT CHAMBER
- 3. OIL WATER SEPARATOR CHAMBER
- 4. 150# RFSO FLANGED INLET
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- 27. 2"ø FNPT HALF COUPLING (SPARE)
- 28. SLUDGE CHAMBER
- 29. INTERNAL BULKHEAD

REVISIONS



Highland Tank

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

5000 GALLON OIL WATER SEPARATOR
RECTANGULAR, HTC-G, SINGLE WALL

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

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

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

DATE:
1-31-14

DWG. BY:

DWG. NO.:
05000RECSWHTCG