

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 MOTED. CUSTOMER IS RESPONSIBLE FOR VERIFINING CORRECTIVESS OF SIZE / LOCATION OF FITTINGS. ACCESSORISE & COATINGS SHOWN ON THIS DRAWING

(17)

GENERAL SPECIFICATIONS

SSPC NO.10 BLAST ALL INTERIOR SURFACES

THICKNESS

(3-6 MILS)

(2-3 MILS)

(15 MILS)

(25)

SSPC NO.6 BLAST ALL EXTERIOR SURFACES

BUTT FIT & WELD ALL CORNERS IN & OUT

NOTES

2. ALL THREADED DRAIN FITTINGS TO HAVE STEEL THREADED PLUGS

3. ALL OTHER THREADED FITTINGS TO HAVE PVC THREADED PLUGS

MATERIAL

CHEMLINE 3300

TOP COAT "WHITE"

NO. REQ'D: (1)

GAUGE:

CAPACITY: 5000 GALLONS

FLOW RATE: 500 GPM

SHELL- 7 GA

HEADS- 7 GA

SURFACE PREP:

CONSTRUCTION:

COATING:

MATERIAL: MILD CARBON STÉEL

EXTERIOR- CHEMPRIME 3001

INTERIOR- CHEMLINE 4200 PW

1. ALL INTERNAL MATERIAL IS 10 GA

4. LIFTING LUGS HAVE REINFORCING PLATES

AND COATED WITH TANK

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

SCALE: DATE: DWG. BY: 1/4"=1'-0" |1-31-14

QUOTE NO:

PROVIDED EQUIPMENT

(GROUNĎING LUG)

SEDIMENT CHAMBÉR

7. WEAR PLATE - 1/4"

RESISTANT)

16. 2"ø FNPT (VENT)

RISER PIPES

28. SLUDGE CHAMBER 29. INTERNAL BULKHEAD

(OIL PUMPOUT)

LEVEL SENSOR FTG. 21. HANDLES PER H.T. STANDARD

24. 10"ø ADJUSTABLE FERNCO COUPLING

26. 1"ø FNPT COUPLING W/ PLUG 27. 2"ø FNPT HALF COUPLING (SPARE)

3. OIL WATER SEPARATOR CHAMBER

5. STEËL TRANSFER ELBOW PIPING

6. VELOCITY HEAD DIFFUSION BAFFLE - 10GA

FLANGED PVC OUTLET DOWNCOMER PIPE

(CORELLA PVC PLATES) 1" PLATE SPACING

12. (7) PIECE COVER W/ 5/8" BOLT HOLES - 7 GA

4. 150# RFSO FLANGED INLET

SLUDGE BAFFLE - 10GA

3"ø FNPT (CLEAN-OUT)

1. 3"X3"X1/4" FLAT W/ 9/16" HOLF DRILLED IN CENTER

8. REMOVABLE PARALLEL CORRUGATED PLATE COALESCER

11. 150# RFSO FLANGED OUTLET W/ INTERNAL STEEL ELBOW AND FLANGE

13. NUTS & BOLTS W/ LARGE WING NUTS-TYP. (CORROSION

GASKET MÁTERIAL (FOR EACH REMOVABLE COVER)

17. 2"Ø FNPT HALF COUPLING (DRAIN) W/ STEEL PLUG

18. 3"Ø FNPT FULL COUPLING W/ 3" Ø ÍNTERNAL PVC PIPE

19. 2"Ø FNPT HALF COUPLING (INTERFACE LEVEL SENSOR)

20. 7GA. CROSSMEMBER 9" WIDE FOR OIL PUMP-OUT AND

25. 1/2" THICK LIFTING LUG ANGLED TOWARD CENTER

22. 6" THICK REMOVABLE PETROSCREEN CARTRIDGE COALESCER 23. 10"ø STEEL ELBOW W/ FLANGE WELDED TO TOP FOR PVC

REVISIONS

CHK'D BY: 05000RECSWHTCG

GENERAL SPECIFICATIONS

NO. REQ'D: (1)

CAPACITY: 5000 GALLONS

TYPE: RECTANGULAR, HTC-G, ABOVEGROUND, SINGLEWALL

MATERIAL: MILD CARBON STÉEL

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 CHEMLINE 3300

(3-6 MILS)(2-3 MILS)

TOP COAT "WHITE"

INTERIOR - CHEMLINE 4200 PW

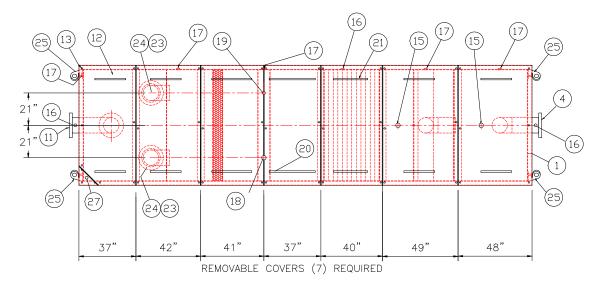
(15 MILS)

CONSTRUCTION:

BUTT FIT & WELD ALL CORNERS IN & OUT

NOTES

- 1. ALL INTERNAL MATERIAL IS 10 GA
- 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

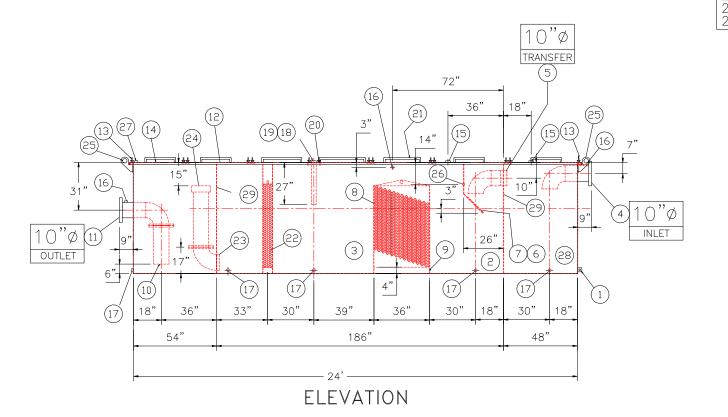


PLAN VIEW

(25) (11) (17)

END VIEW

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PROVIDED EQUIPMENT

- 1. 3"X3"X1/4" FLAT W/ 9/16"Ø HOLE DRILLED IN CENTER (GROUNDING LUG)
- SEDIMENT CHAMBÉR
- 3. OIL WATER SEPARATOR CHAMBER
- 4. 150# RFSO FLANGED INLET
- 5. STEËL 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 SLUDGE BAFFLE - 10GA
- 10. FLANGED PVC OUTLET DOWNCOMER PIPE
 - 150#_RFSO_FLANGED OUTLET W/ INTERNAL STEEL ELBOW
- 12. (7) PIECE COVER W/ 5/8" BOLT HOLES 7 GA
- 13. NUTS & BOLTS W/ LARGE WING NUTS-TYP. (CORROSION RESISTANT)
- 14. GASKET MÁTERIAL (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" FNPT FULL COUPLING W/ 3" O ÍNTERNAL 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





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

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

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

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

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