

NO. REQ'D: (1)

SHELL -

SURFACE PREP:

CHAMBER ONLY

HEADS-

COATING:

EXTERIOR-

INTERIOR-

CONSTRUCTION:

38'

(21)

FND VIFW

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.

NO THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTIVESS OF SIZE / LOCATION OF FITTINGS, ACCESSORIES & COATINGS SHOWN ON THIS DRAWING

1/4" 1/4"

(10) (20) (8) (21) 45" 35" 18" 36" 57" 36" 56" 288' 28'-8"

ELEVATION



REVISIONS

36"

24"

60"

QUOTE NO: SCALE: 1/4"=1'-0" DATE: DWG. BY: DWG. NO.: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE + DR - 1" 09000HGSWHTCJ

PROJECT:

PROVIDED EQUIPMENT

PARALLEL CORRUGATED PLATE COALESCER, CORELLA PVC PLATES

OIL/WATER SEPARATOR CHAMBER 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL

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

RECTANGULAR MANWAY WITH CLOSED CELL SPONGE GASKET, BOLT-ON

13. 24" MANWAY WITH NEO-CORK GASKETS, BOLT-ON EXTENSION

15. 2"¢ FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE

22. 4" FNPT FOR EFFLUENT PUMP CONDUIT AND WIRING

2. ALL VENT PIPING BY INSTALLER

23. 2" FNPT FOR EFFLUENT LEVEL SENSOR CONDUIT AND WIRING ANCILLARY PROVIDED EQUIPMENT 24" NEO-CORK MANWAY GASKETS SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY 36"x42" CLOSED CELL FOAM MANWAY GASKET 36"x42" RUBBER RIBBON MANWAY GASKET SETS OF NUTS/BOLTS/WASHERS FOR 36"x42" MANWAY NOTES 1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS

3. 15000 VOLT SPARK TEST PROVIDED AT FACTORY 4. CUSTOMER TO PROVIDE EFFLUENT PUMPING INFORMATION FOR PROPER PUMP SIZING & PUMPOUT DESIGN

1. 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT 2. 4"0 FNPT FOR GAUGE WITH PLUG

3. VELOCITY HEAD DIFFUSION BAFFLE

6. UNDERFLOW BAFFLE (REMOVABLE)

12. STEEL TRANSFER PIPE W/ DOWNCOMER

& RISER PIPE SHIPPED LOOSE

EXTENSION SHIPPED LOOSE

4. WEAR PLATE

5. SEDIMENT CHAMBER

STRIKER PLATES

SHIPPED LOOSE

1/4" BULKHEAD 20. FFFLUENT WATER CHAMBER

16. LIFTING LUG

21. PUMP MOUNT

(3" PLATE SPACING)

ROD SHIPPED LOOSE

2"ø FNPT FOR VENT

7. SLUDGE BAFFLE

GENERAL SPECIFICATIONS

NO. REQ'D: (1)

CAPACITY: 9000 GALLONS

TYPE: HTC-J, HIGHGUARD, SINGLE WALL

MATERIAL: MILD CARBON STEEL

FLOW RATE: 900 GPM GAUGE: BASED ON 60" MAX BURIAL

SHELL- 1/4" HEADS-1/4'

SURFACE PREP:

SSPC NO.6 BLAST ALL EXTERIOR SURFACES

SSPC NO.10 BLAST ALL INTERIOR OF WATER CHAMBER ONLY

COATING: EXTERIOR-

INTERIOR-

MATERIAL

HIGHGUARD

POLYURETHANE

INTERIOR OF WATER

THICKNESS

(75 MILS)

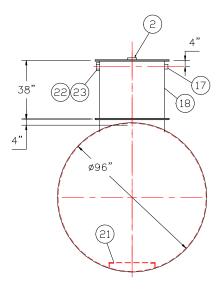
(15 MILS)

CHAMBER

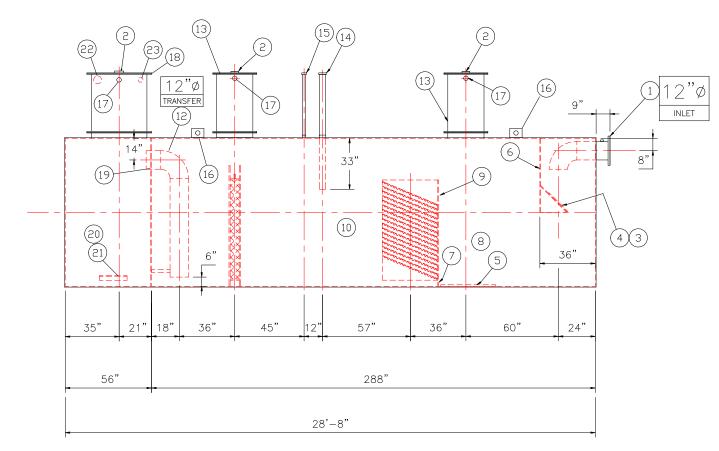
CONSTRUCTION: LAP FIT & WELD ALL EXTERIOR SEAMS **OPERATING PRESSURE: ATMOSPHERIC**

(22)(53) (16) (18)

PLAN



END VIEW



FIFVATION

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
- STRIKER PLATES
- PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
- OIL/WATER SEPARATOR CHAMBER
- 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE
- 12. STEEL TRANSFER PIPE W/ DOWNCOMER
- 13. 24"Ø MANWAY WITH NEO-CORK GASKETS. BOLT-ON EXTENSION SHIPPED LOOSE
- 14. 4"Ø FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
- 15. 2"Ø FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
- 16. LIFTING LUG
- 2"ø FNPT FOR VFNT
- RECTANGULAR MANWAY WITH CLOSED CELL SPONGE GASKET. BOLT—ON EXTENSION SHIPPED LOOSE
- 1/4" BULKHEAD
- 20. EFFLUENT WATER CHAMBER
- 21. PUMP MOUNT
- 4" FNPT FOR EFFLUENT PUMP CONDUIT AND WIRING 2" FNPT FOR EFFLUENT LEVEL SENSOR CONDUIT AND WIRING

ANCILLARY PROVIDED EQUIPMENT

- (4) 24" NEO-CORK MANWAY GASKETS
 (4) SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
 (1) 36"x42" CLOSED CELL FOAM MANWAY GASKET
 (1) 36"x42" RUBBER RIBBON MANWAY GASKET
 (2) SETS OF NUTS/BOLTS/WASHERS FOR 36"x42" MANWAY

NOTES

- 1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
- 2. ALL VENT PIPING BY INSTALLER
- 3. 15000 VOLT SPARK TEST PROVIDED AT FACTORY
- 4. CUSTOMER TO PROVIDE EFFLUENT PUMPING INFORMATION FOR PROPER PUMP SIZING & PUMPOUT DESIGN

REVISIONS



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

9000 GALLON OIL WATER SEPARATOR HTC-J, HIGHGUARD, SINGLE WALL

CUSTOMER:

PROJECT:

CHK'D BY:

QUOTE NO:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

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

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TOLERANCES ARE + DR - 1'

DWG. BY:

09000HGSWHTCJ