

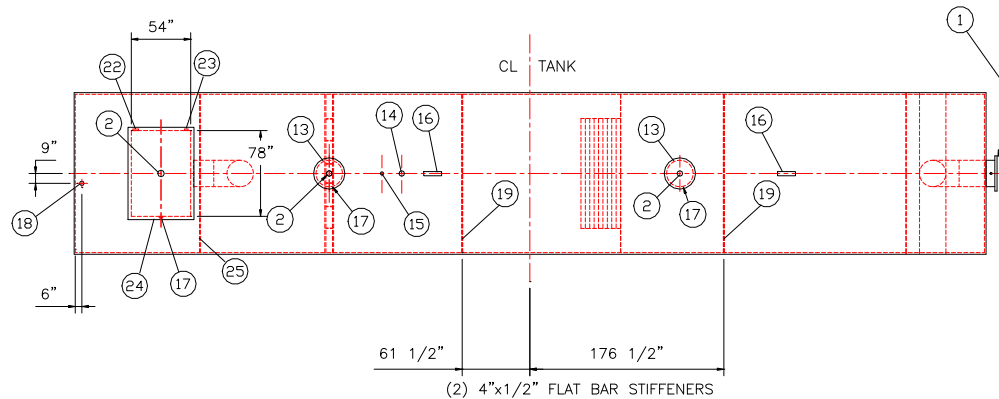
GENERAL SPECIFICATIONS
NO. REQ'D: (1)
CAPACITY: 50000 GALLONS
TYPE: HTC-J, HIGHGUARD, DW TYPE I 360
MATERIAL: MILD CARBON STEEL
FLOW RATE: 5000 GPM
GAUGE: BASED ON 60" MAX BURIAL

| | | |
|--------|-------|-------|
| | INNER | OUTER |
| SHELL- | 3/8 | 7 GA. |
| HEADS- | 3/8" | 1/4" |

SURFACE PREP:
SSPC NO.6 BLAST ALL EXTERIOR SURFACES
SSPC NO.10 BLAST ALL INTERIOR OF WATER CHAMBER ONLY

| | | |
|-----------------|---------------------------|------------------|
| COATING: | MATERIAL | THICKNESS |
| EXTERIOR- | HIGHGUARD | (75 MILS) |
| INTERIOR- | POLYURETHANE | (15 MILS) |
| | INTERIOR OF WATER CHAMBER | |

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

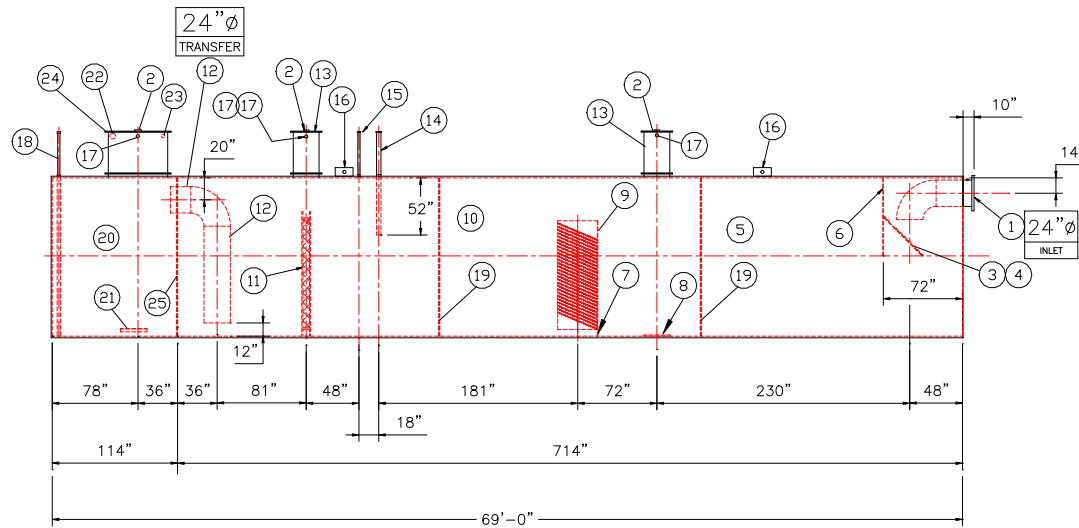
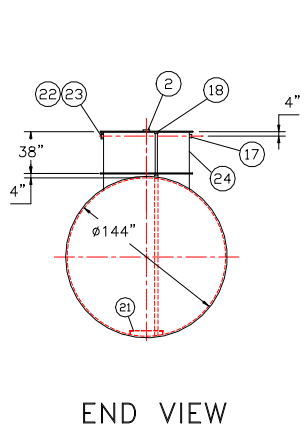


PLAN


- PROVIDED EQUIPMENT**
- 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
 - 4" FNPT FOR GAUGE WITH PLUG
 - VELOCITY HEAD DIFFUSION BAFFLE
 - WEAR PLATE
 - SEDIMENT CHAMBER
 - UNDERFLOW BAFFLE (REMOVABLE)
 - 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
 - STEEL TRANSFER PIPE W/ DOWNCOMER
 - 24" MANWAY WITH NEO-CORK GASKETS. BOLT-ON EXTENSION SHIPPED LOOSE
 - 4" FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
 - 2" FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
 - LIFTING LUG
 - 2" FNPT FOR VENT
 - 2" FNPT FOR LEAK SENSOR WITH RISER PIPE SHIPPED LOOSE
 - 6" X 1/2" STIFFENER
 - EFFLUENT WATER CHAMBER
 - PUMP MOUNT
 - 4" FNPT FOR EFFLUENT PUMP CONDUIT AND WIRING
 - 2" FNPT FOR EFFLUENT LEVEL SENSOR CONDUIT AND WIRING
 - RECTANGULAR MANWAY WITH CLOSED CELL SPONGE GASKET. BOLT-ON EXTENSION SHIPPED LOOSE
 - 1/4" BULKHEAD

- ANCILLARY PROVIDED EQUIPMENT**
- 24" NEO-CORK MANWAY GASKETS
 - SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
 - 54"x78" CLOSED CELL FOAM MANWAY GASKET
 - 54"x78" RUBBER RIBBON MANWAY GASKET
 - SETS OF NUTS/BOLTS/WASHERS FOR 54"x78" MANWAY

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



ELEVATION

| | | | |
|--|-------|-----------|-----------------|
| REVISIONS | | | |
|  Highland Tank | | | |
| U.S. Patent #4,722,800 Canadian Patent # 1,296,263 | | | |
| 50000 GALLON OIL WATER SEPARATOR HTC, HIGHGUARD, DW TYPE I 360 | | | |
| CUSTOMER: | | | |
| PROJECT: | | | |
| QUOTE NO: | | CHK'D BY: | |
| SCALE: | DATE: | DWG. BY: | DWG. NO.: |
| NTS | | | 50000HGDWHTCHDS |

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"

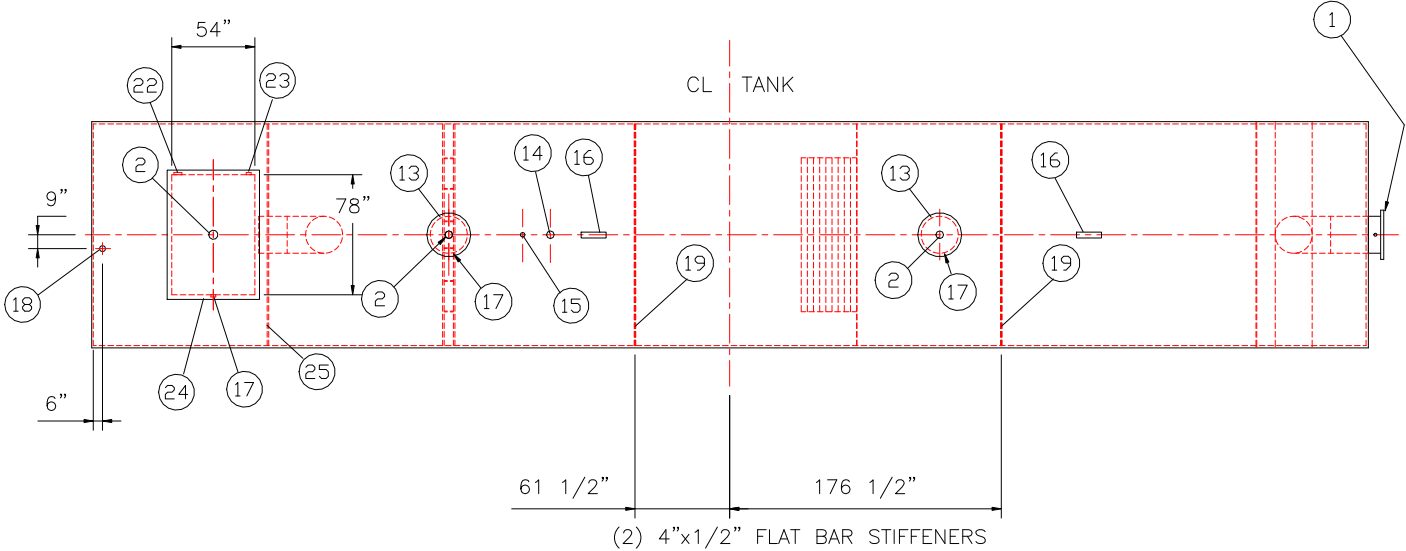
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MATERIAL: MILD CARBON STEEL
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GAUGE: BASED ON 60" MAX BURIAL
SHELL- INNER OUTER
HEADS- 3/8 7 GA. 1/4"

SURFACE PREP:
SSPC NO.6 BLAST ALL EXTERIOR SURFACES
SSPC NO.10 BLAST ALL INTERIOR OF WATER CHAMBER ONLY

COATING: MATERIAL THICKNESS
EXTERIOR- HIGHGUARD (75 MILS)
INTERIOR- POLYURETHANE (15 MILS)
INTERIOR OF WATER CHAMBER

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



PLAN

PROVIDED EQUIPMENT

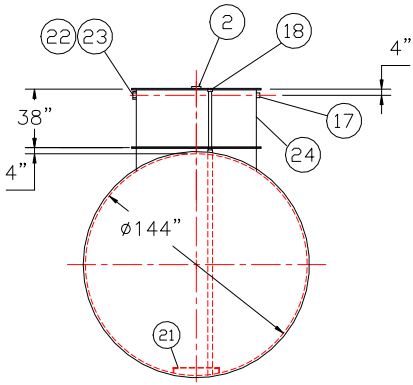
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5. SEDIMENT CHAMBER
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12. STEEL TRANSFER PIPE W/ DOWNCOMER
13. 24"Ø MANWAY WITH NEO-CORK GASKETS. BOLT-ON EXTENSION SHIPPED LOOSE
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15. 2"Ø FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
16. LIFTING LUG
17. 2"Ø FNPT FOR VENT
18. 2"Ø FNPT FOR LEAK SENSOR WITH RISER PIPE SHIPPED LOOSE
19. 6" X 1/2" STIFFENER
20. EFFLUENT WATER CHAMBER
21. PUMP MOUNT
22. 4" FNPT FOR EFFLUENT PUMP CONDUIT AND WIRING
23. 2" FNPT FOR EFFLUENT LEVEL SENSOR CONDUIT AND WIRING
24. RECTANGULAR MANWAY WITH CLOSED CELL SPONGE GASKET. BOLT-ON EXTENSION SHIPPED LOOSE
25. 1/4" BULKHEAD

ANCILLARY PROVIDED EQUIPMENT

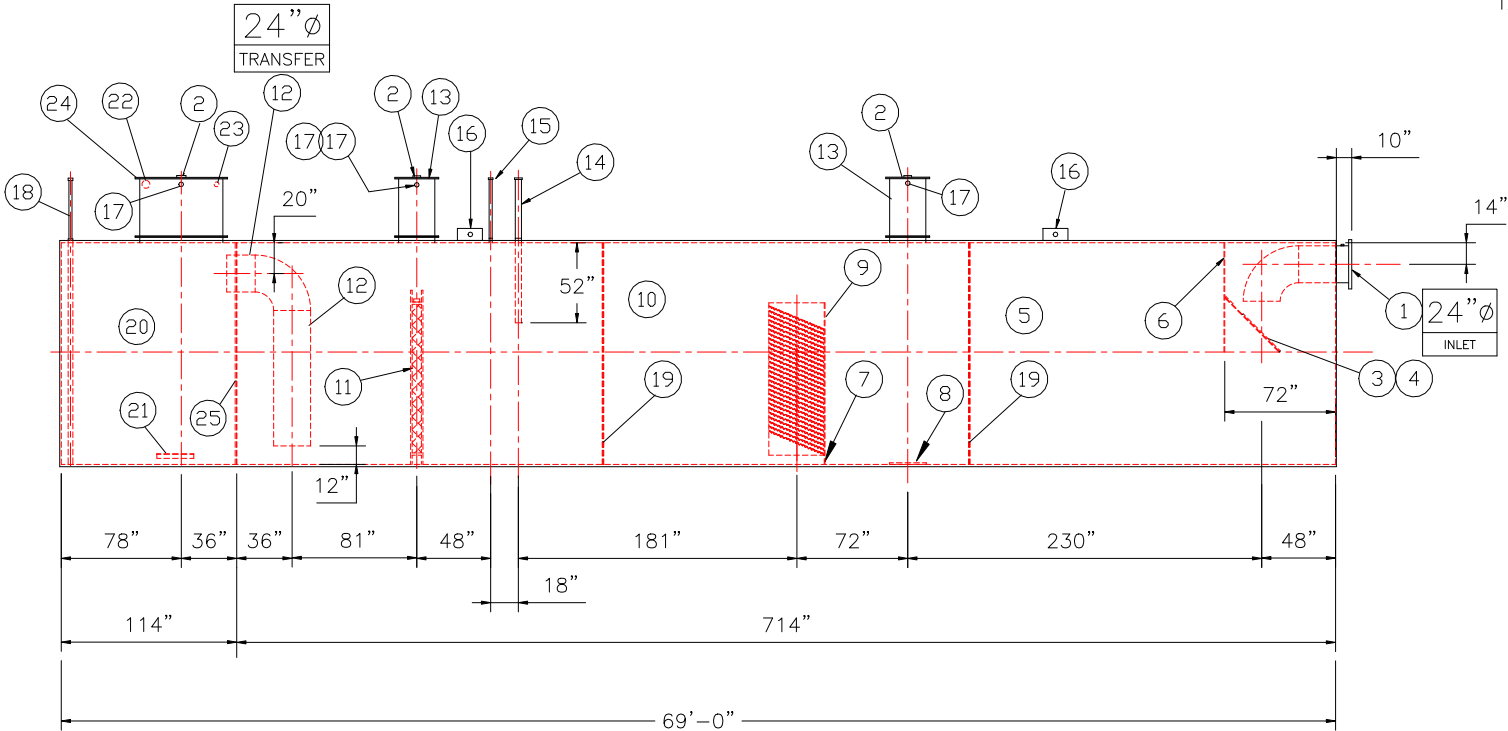
- (4) 24" NEO-CORK MANWAY GASKETS
- (4) SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
- (1) 54"x78" CLOSED CELL FOAM MANWAY GASKET
- (1) 54"x78" RUBBER RIBBON MANWAY GASKET
- (2) SETS OF NUTS/BOLTS/WASHERS FOR 54"x78" MANWAY

NOTES

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END VIEW



ELEVATION

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NTS

DATE:

DWG. BY:

DWG. NO.:
50000HGDWHTCHDS

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Highland Tank

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

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HTC, HIGHGUARD, DW TYPE I 360

CUSTOMER:

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