

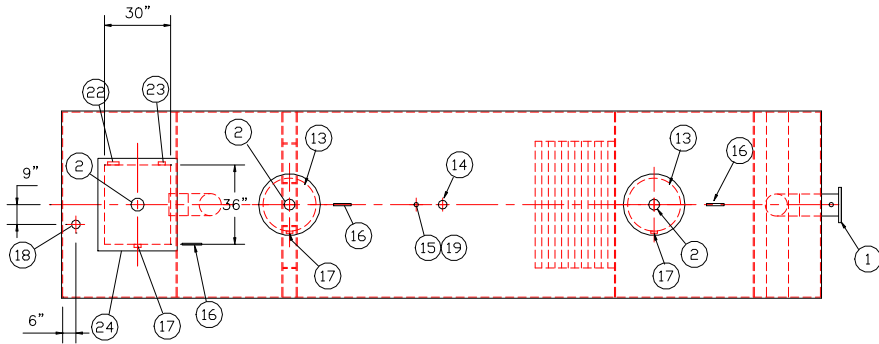
GENERAL SPECIFICATIONS

NO. REQ'D: (1)  
CAPACITY: 7000 GALLONS  
TYPE: HTC-J, HIGHGUARD, DW TYPE I 360  
MATERIAL: MILD CARBON STEEL  
FLOW RATE: 700 GPM  
GAUGE: BASED ON 60" MAX BURIAL  
SHELL- INNER OUTER  
HEADS- 1/4" 10 GA.  
1/4" 7 GA.

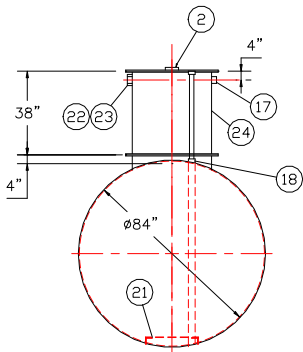
SURFACE PREP:  
SSPC NO.6 BLAST ALL EXTERIOR SURFACES  
SSPC NO.10 BLAST ALL INTERIOR OF WATER  
CHAMBER ONLY

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

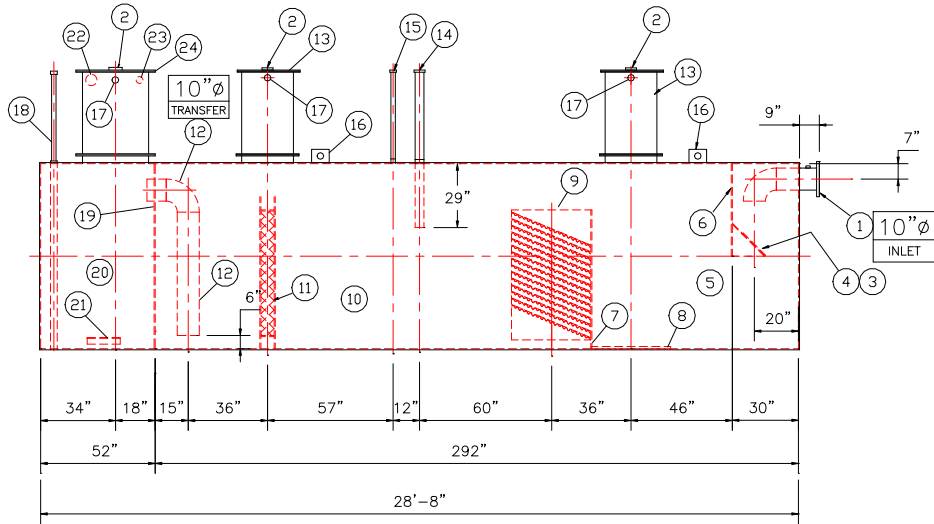
CONSTRUCTION :  
LAP FIT & WELD ALL EXTERIOR SEAMS  
OPERATING PRESSURE : ATMOSPHERIC



PLAN



END VIEW



ELEVATION

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
- 1/4" BULKHEAD
- 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

ANCILLARY PROVIDED EQUIPMENT

- 24" NEO-CORK MANWAY GASKETS
- SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
- 30"x36", CLOSED CELL FOAM MANWAY GASKET
- 30"x36" RUBBER RIBBON MANWAY GASKET
- SETS OF NUTS/BOLTS/WASHERS FOR 30"x36" 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

REVISIONS



**Highland Tank**

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

7000 GALLON OIL WATER SEPARATOR  
HTC-J, HIGHGUARD, DW TYPE I 360

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES ARE + .00 - .01

SCALE:  
3/16"=1'-0"

DATE:

DWG. BY:

DWG. NO:

07000HGDWHTCJ

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

GENERAL SPECIFICATIONS

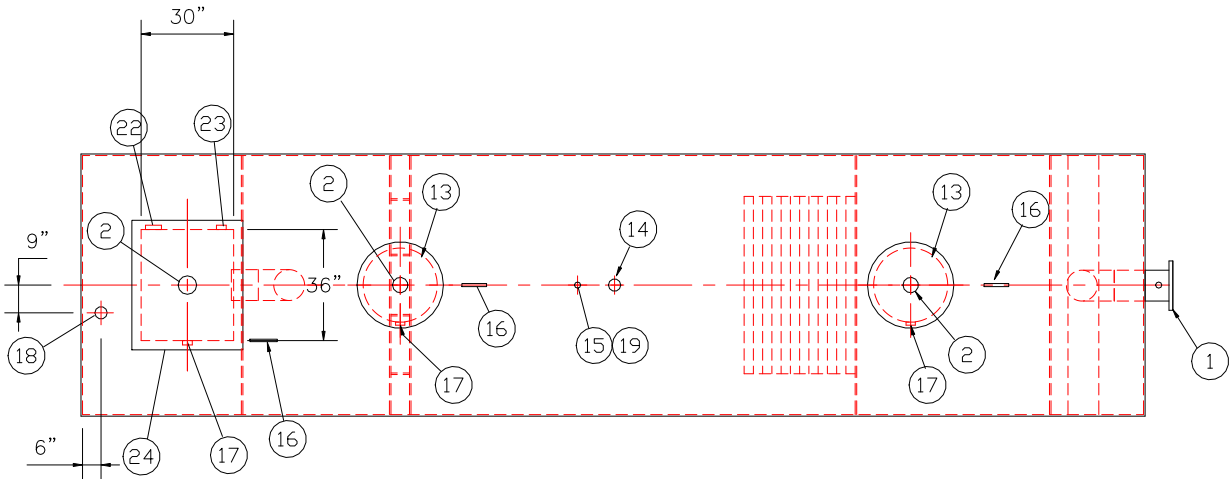
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MATERIAL: MILD CARBON STEEL  
FLOW RATE: 700 GPM  
GAUGE: BASED ON 60" MAX BURIAL

|        |       |        |
|--------|-------|--------|
|        | INNER | OUTER  |
| SHELL- | 1/4"  | 10 GA. |
| HEADS- | 1/4"  | 7 GA.  |

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 |           |

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LAP FIT & WELD ALL EXTERIOR SEAMS  
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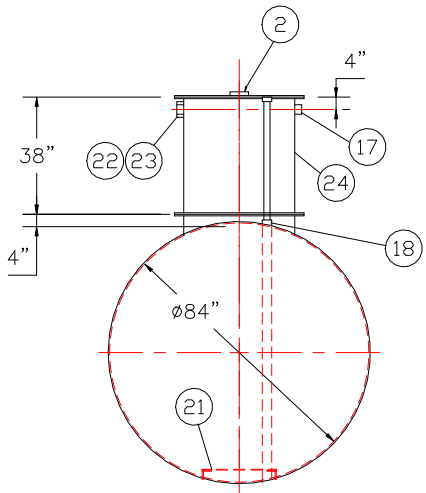


PLAN

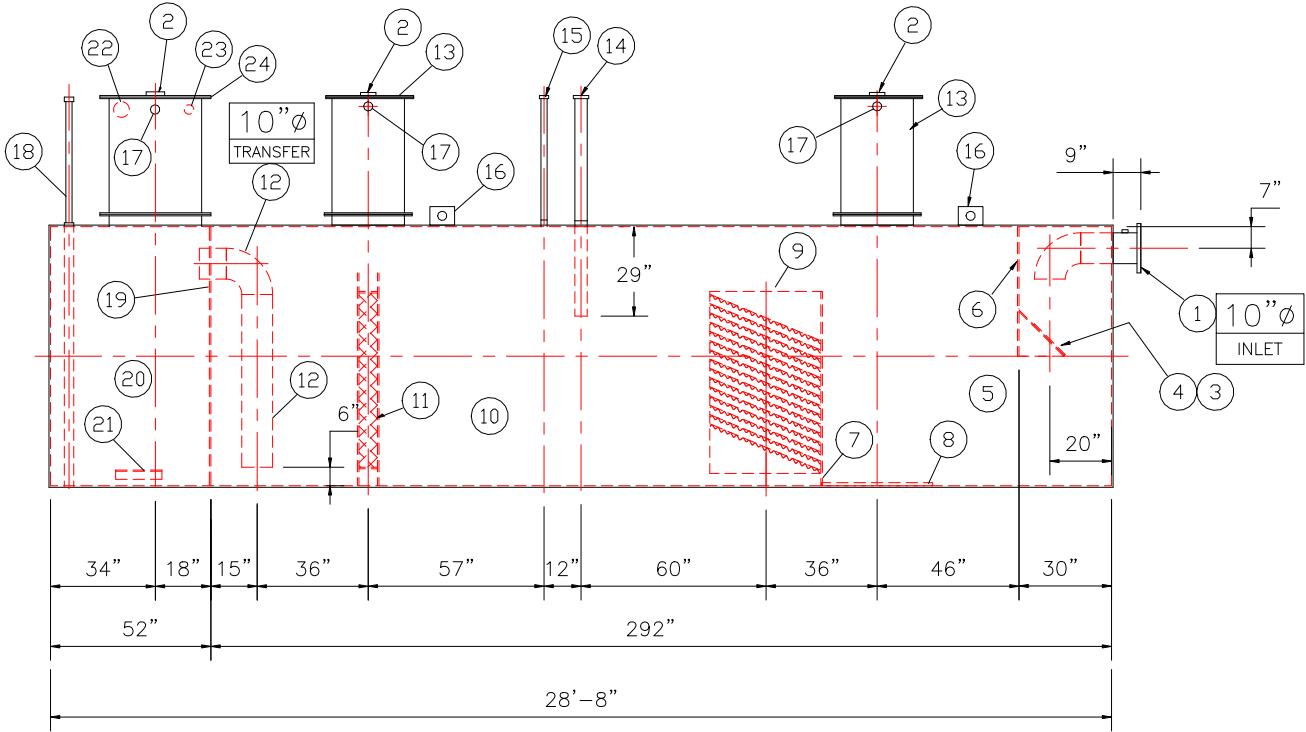
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES ARE + OR - 1"

|                       |       |          |                            |
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| SCALE:<br>3/16"=1'-0" | DATE: | DWG. BY: | DWG. NO.:<br>07000HGDWHTCJ |
|-----------------------|-------|----------|----------------------------|

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HTC-J, HIGHGUARD, DW TYPE I 360

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