

GENERAL SPECIFICATIONS

NO. REQ'D: (1)  
CAPACITY: 12000 GALLONS  
TYPE: HTC, HIGHGUARD, SINGLE WALL  
MATERIAL: MILD CARBON STEEL  
FLOW RATE: 1200 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 SURFACES

COATING: MATERIAL THICKNESS  
EXTERIOR- HIGHGUARD (75 MILS)  
INTERIOR- CHEMLINE 4200 PW (15 MILS)

CONSTRUCTION :  
LAP FIT & WELD ALL EXTERIOR SEAMS

OPERATING PRESSURE : ATMOSPHERIC

PROVIDED EQUIPMENT

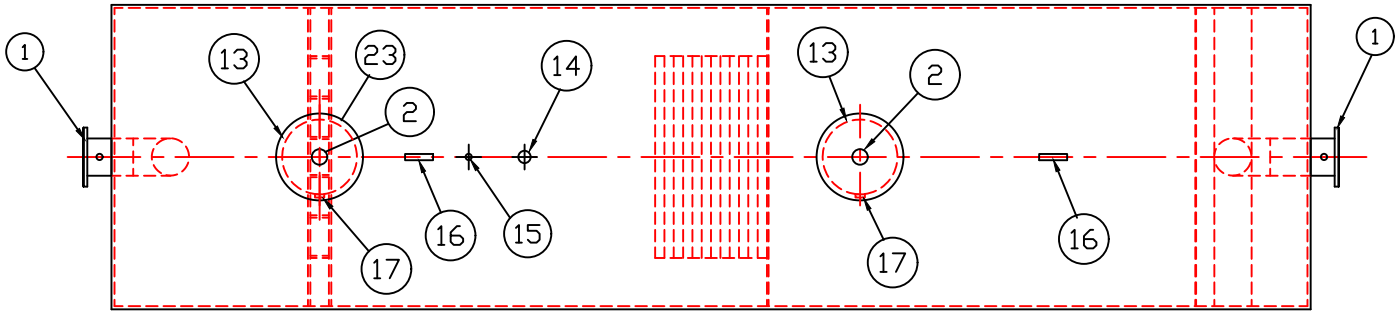
1. 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
2. 4"Ø FNPT FOR GAUGE WITH PLUG
3. VELOCITY HEAD DIFFUSION BAFFLE
4. WEAR PLATE
5. SEDIMENT CHAMBER
6. UNDERFLOW BAFFLE
7. SLUDGE BAFFLE
8. STRIKER PLATES
9. PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
10. OIL/WATER SEPARATOR CHAMBER
11. 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE
12. STEEL OUTLET DOWNCOMER
13. 24"Ø MANWAY WITH 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
17. 2"Ø FNPT FOR VENT

ANCILLARY PROVIDED EQUIPMENT

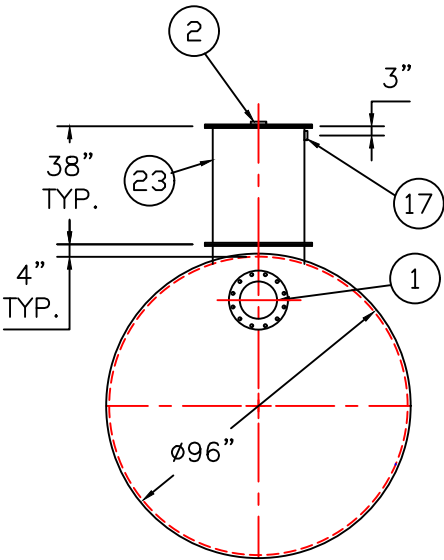
- (4) 24" FIBREFLEX MANWAY GASKETS
- (4) SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY

NOTES

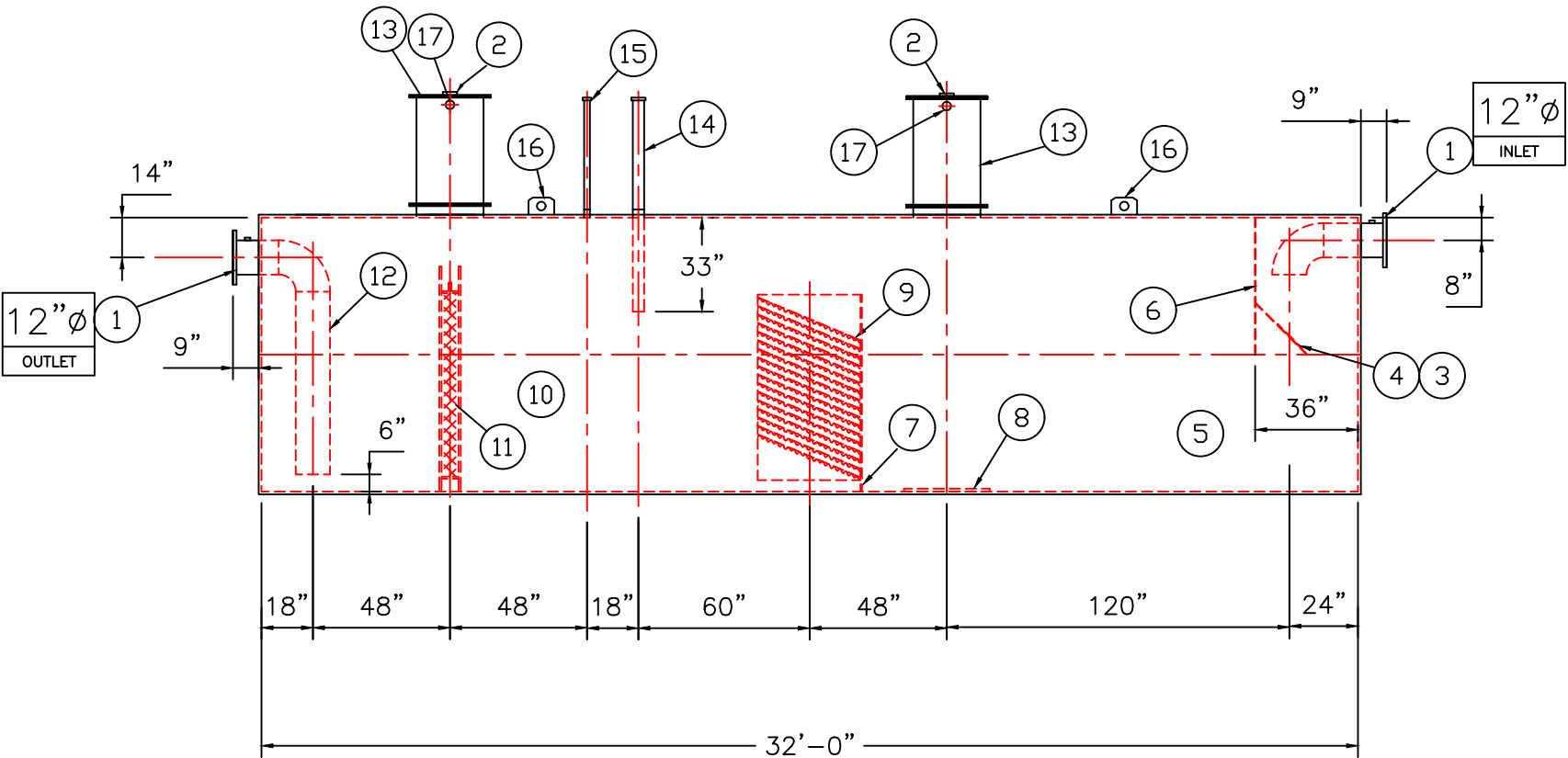
1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
2. ALL VENT PIPING BY INSTALLER
3. 15000 VOLT SPARK TEST PROVIDED AT FACTORY



PLAN VIEW



END VIEW



ELEVATION

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:  
3/16"=1'-0"

DATE:

DWG. BY:

CHK'D BY:

QUOTE NO:

DWG. NO.:

12000HGSWHTCHDS

REVISIONS



**Highland Tank**

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

12000 GALLON OIL WATER SEPARATOR  
HTC, HIGHGUARD, SINGLE WALL

CUSTOMER:

PROJECT:

QUOTE NO: