

## GENERAL SPECIFICATIONS

NO. REQ'D: (1)  
CAPACITY: 50,000 GALLONS  
TYPE: HT, HIGHGUARD, DOUBLE WALL, "J" SERIES  
MATERIAL: MILD CARBON STEEL  
FLOW RATE: 5000 GPM

GAUGE: INNER OUTER  
SHELL- 3/8" 10 GA.  
HEADS- 5/16" 1/4"

### SURFACE PREP:

- SSPC NO.6 BLAST ALL EXTERIOR SURFACES
- SSPC NO.10 BLAST ALL INTERIOR SURFACES OF WATER CHAMBER ONLY

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

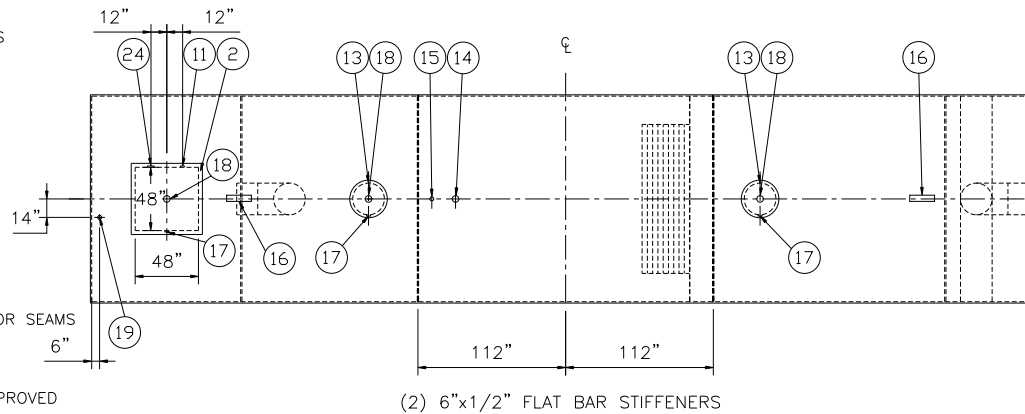
CONSTRUCTION : LAP FIT AND WELD ALL EXTERIOR SEAMS  
OPERATING PRESSURE: ATMOSPHERIC

### NOTES:

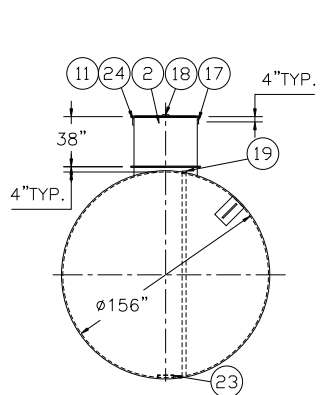
1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
2. 15000 VOLT SPARK TEST PROVIDED AT FACTORY
3. ALL VENT PIPING BY INSTALLER
4. CUSTOMER TO PROVIDE PUMPING INFORMATION FOR PROPER PUMP SIZING & PUMPOUT DESIGN.

## PROVIDED EQUIPMENT

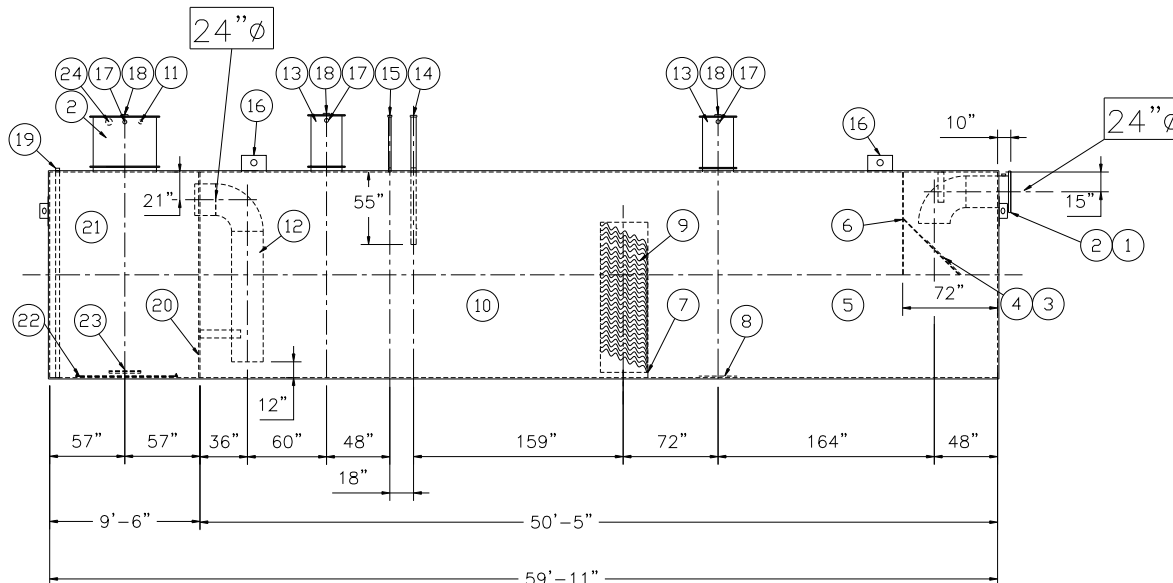
1. 150# R.F.S.O. FLANGE W/ 2" NPT FOR VENT
2. RECTANGULAR MANWAY W/ BOLT-ON EXTENSION SHIPPED LOOSE
3. VELOCITY HEAD DIFFUSION BAFFLE
4. WEAR PLATE
5. SEDIMENT CHAMBER
6. UNDERFLOW BAFFLE
7. SLUDGE BAFFLE
8. STRIKER PLATES
9. PARALLEL CORRUGATED PLATE COALESCER (CORELLA PVC PLATES) 3" PLATE SPACING
10. OIL/WATER SEPARATOR CHAMBER
11. 2"Ø NPT FTG. FOR EFFLUENT WATER CHAMBER LEVEL SENSOR
12. OUTLET DOWNCOMER
13. 24"Ø MANWAY WITH BOLT-ON EXTENSION SHIPPED LOOSE
14. 4"Ø NPT FTG. FOR OIL PUMPOUT W/ INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
15. 2"Ø NPT FTG. FOR LEVEL SENSOR W/ RISER PIPE SHIPPED LOOSE
16. LIFTING LUG
17. 2"Ø NPT FTG. FOR VENT. TYP. ALL MANWAYS
18. 4"Ø NPT FTG. FOR GAUGE W/ PLUG-TYP. ALL MANWAYS
19. 2"Ø NPT FTG. FOR LEAK DETECTION
20. 5/16" BULKHEAD
21. EFFLUENT WATER CHAMBER
22. INTERNAL RIBBON ANODE
23. ISOLATED PUMP MOUNT
24. 4"Ø NPT FTG. FOR PUMP CONDUIT



PLAN



END VIEW



ELEVATION

### NOTE :

ALL RIGHTS RESERVED. THIS DRAWING OR ANY PART THERE OF MUST NOT BE REPRODUCED IN ANY FORM WITH OUT 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

## REVISIONS



**Highland Tank**

U.S. Patent #4,722,800 Canadian Patent # 1,296,263  
#6,606,224 # 2,389,065

50000 GALLON OIL WATER SEPARATOR  
HT, HIGHGUARD ,DOUBLE WALL,"J" SERIES

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

SCALE: 1/8"=1'-0" DATE: 8-10-05 DWG. BY: DWG. NO.: 50000HGDWHTJ