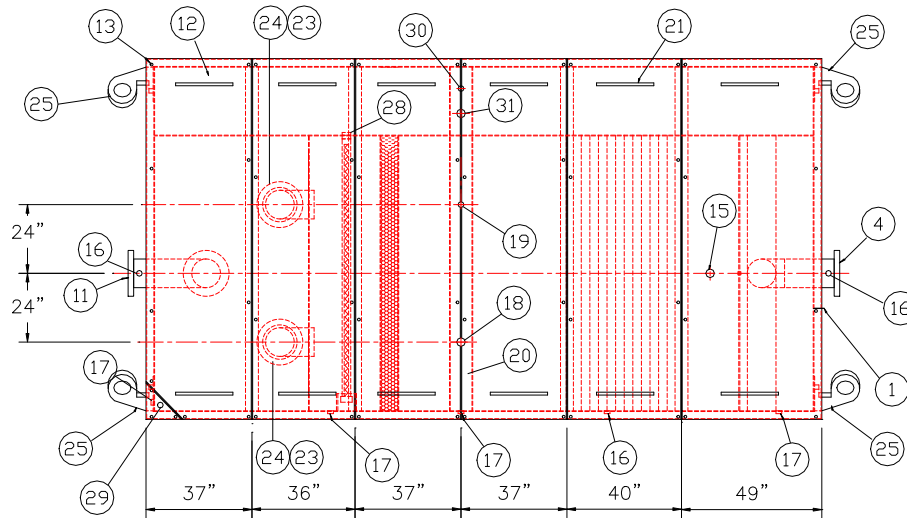


## GENERAL SPECIFICATIONS

NO. REQ'D: (1)  
CAPACITY: 8000 GALLONS  
TYPE: RECTANGULAR, HTC, ABOVEGROUND, S--SERIES  
MATERIAL: MILD CARBON STEEL  
FLOW RATE: 800 GPM  
GAUGE: 1/4" THROUGHOUT  
SURFACE PREP:  
SSPC NO.10 BLAST ALL INTERIOR SURFACES  
SSPC NO.6 BLAST ALL EXTERIOR SURFACES  
COATING: MATERIAL THICKNESS  
EXTERIOR- CHEMPRIME 3001 (3-6 MILS)  
CHEMLINE 3300 (2-3 MILS)  
TOP COAT "WHITE"  
INTERIOR- CHEMLINE 4200 PW (15 MILS)  
CONSTRUCTION:  
BUTT FIT AND WELD ALL CORNERS IN & OUT

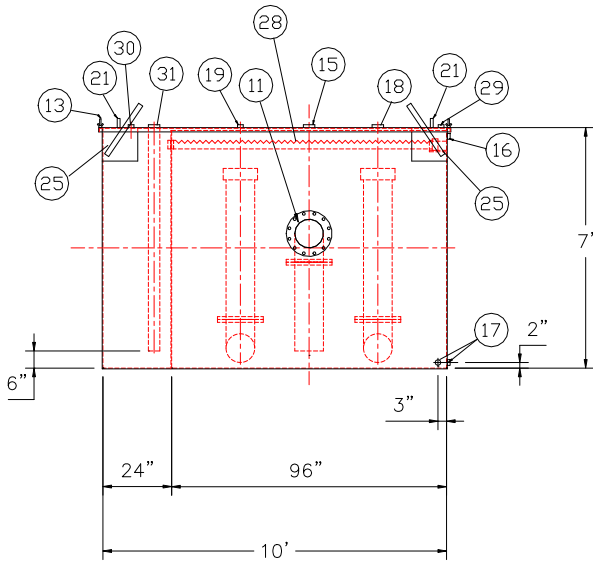
## NOTES

- ALL INTERNAL MATERIAL IS 10 GA
- ALL THREADED DRAIN FITTINGS TO HAVE STEEL THREADED PLUGS AND COATED WITH TANK
- ALL OTHER THREADED FITTINGS TO HAVE PVC THREADED PLUGS
- LIFTING LUGS HAVE REINFORCING PLATES

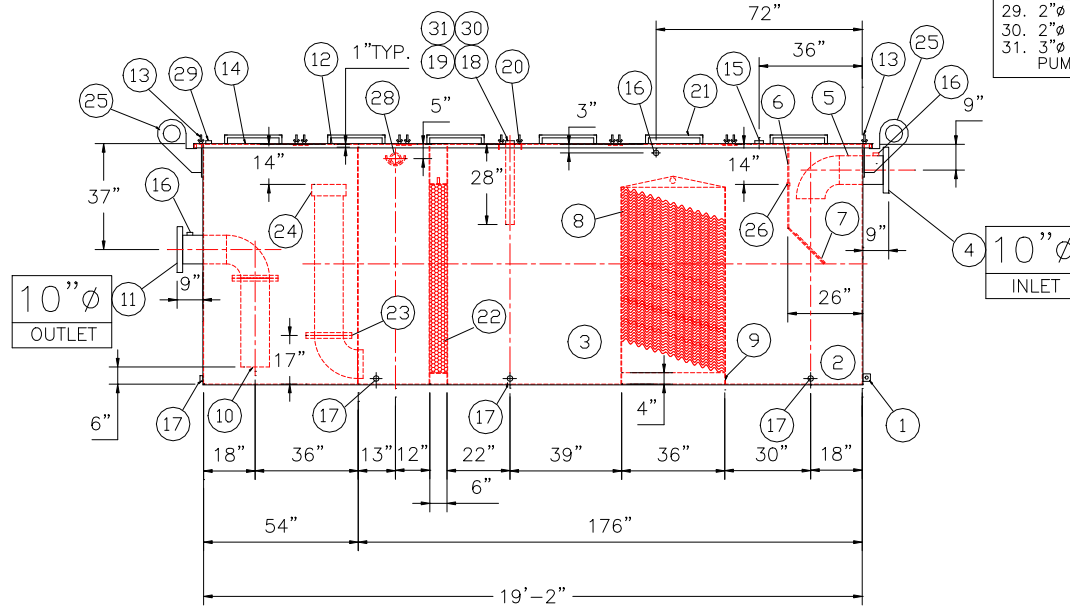


REMOVABLE COVERS (6) REQUIRED

## PLAN VIEW



## END VIEW



## ELEVATION

## PROVIDED EQUIPMENT

- 3"X3"X1/4" FLAT W/ 9/16"Ø HOLE DRILLED IN CENTER (GROUNDING LUG)
- SEDIMENT CHAMBER
- OIL WATER SEPARATOR CHAMBER
- 150# RF50 FLANGED INLET
- STEEL INLET ELBOW PIPING
- VELOCITY HEAD DIFFUSION BAFFLE 10GA
- WEAR PLATE (1/4" MATERIAL)
- REMOVABLE PARALLEL CORRUGATED PLATE COALESCER (CORELLA PVC PLATES) 1" PLATE SPACING
- SLUDGE BAFFLE - 10GA
- FLANGED PVC OUTLET DOWNCOMER PIPE
- 150# RF50 FLANGED OUTLET W/ INTERNAL STEEL ELBOW AND FLANGE
- (6) PIECE COVER W/ 5/8" BOLT HOLES - 7 GA
- NUTS & BOLTS W/ LARGE WING (CORROSION RESISTANT)
- GASKET MATERIAL (FOR EACH REMOVABLE COVER)
- 3"Ø FNPT (CLEAN-OUT)
- 2"Ø FNPT (VENT)
- 2"Ø FNPT (DRAIN)
- 3"Ø FNPT FULL COUPLING WITH 3" INTERNAL PVC PIPE (OIL PUMP OUT IN SEPERATOR CHAMBER)
- 2"Ø FNPT (SEPARATOR CHAMBER INTERFACE LEVEL SENSOR)
- 7GA. CROSSMEMBER FOR OIL PUMP-OUT & LEVEL SENSOR FITTINGS IN SEPARATOR AND OIL HOLDING CHAMBERS
- HANDLES PER H.T. STANDARD
- 6" THICK REMOVABLE PETROSCREEN CARTRIDGE COALESCER
- 10"Ø STEEL ELBOW W/ FLANGE WELDED TO TOP FOR PVC RISER PIPES
- 10"Ø ADJUSTABLE FERNCO COUPLING
- 3/4" THICK LIFTING LUG ANGLED TOWARD CENTER
- 1"Ø FNPT COUPLING W/ PLUG
- OIL HOLDING COMPARTMENT
- 3" FNPT COUPLING WITH SAWTOOTH TYPE PVC OIL SKIMMER & PIPE SUPPORT SHELF
- 2"Ø FNPT HALF COUPLING (SPARE)
- 2"Ø FNPT (HIGH LEVEL OIL HOLDING CHAMBER LEVEL SENSOR)
- 3"Ø FNPT FULL COUPLING WITH 3" INTERNAL PVC PIPE (OIL PUMP OUT IN OIL HOLDING CHAMBER)

## REVISIONS



# Highland Tank

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

8000 GALLON OIL WATER SEPARATOR  
RECTANGULAR, HTC, S--SERIES

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

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

DATE:

DWG. BY:

DWG. NO.:

08000RECSWHTCS

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

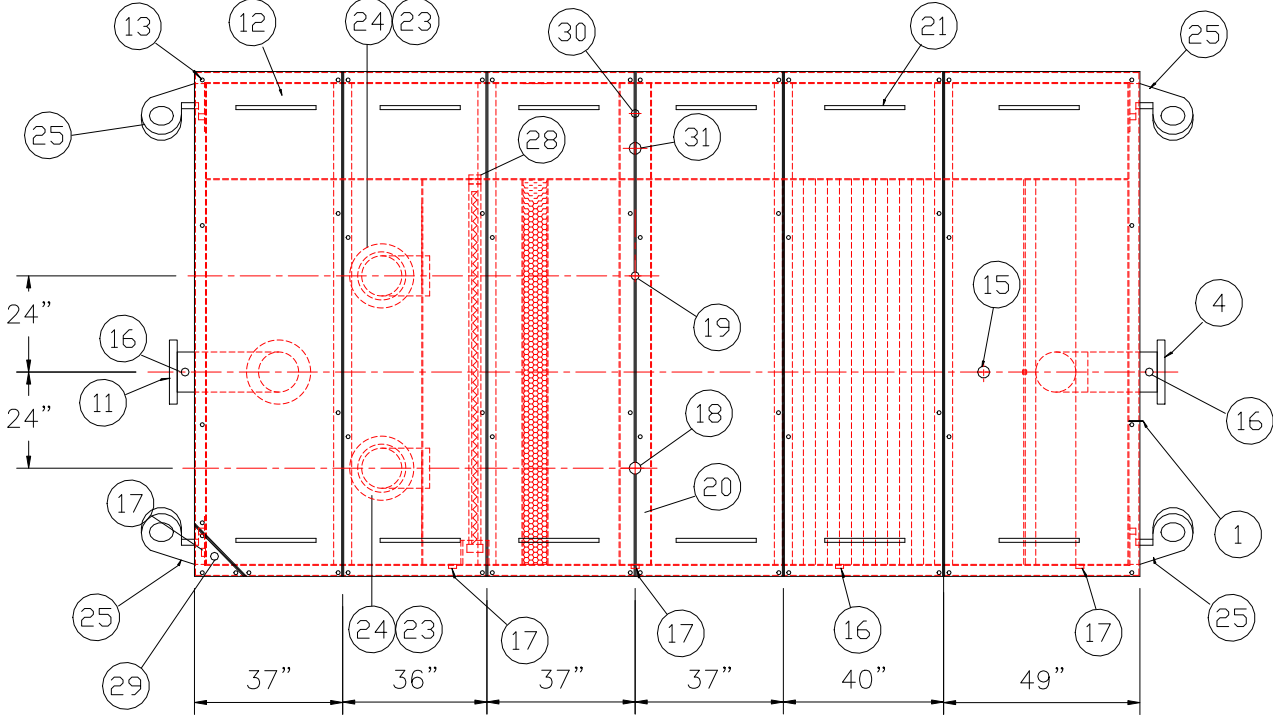
NO. REQ'D: (1)  
CAPACITY: 8000 GALLONS  
TYPE: RECTANGULAR, HTC, ABOVEGROUND, S-SERIES  
MATERIAL: MILD CARBON STEEL  
FLOW RATE: 800 GPM  
GAUGE: 1/4" THROUGHOUT  
SURFACE PREP:  
SSPC NO.10 BLAST ALL INTERIOR SURFACES  
SSPC NO.6 BLAST ALL EXTERIOR SURFACES

COATING:	MATERIAL	THICKNESS
EXTERIOR-	CHEMPRIME 3001	(3-6 MILS)
	CHEMLINE 3300	(2-3 MILS)
	TOP COAT "WHITE"	
INTERIOR-	CHEMLINE 4200 PW	(15 MILS)

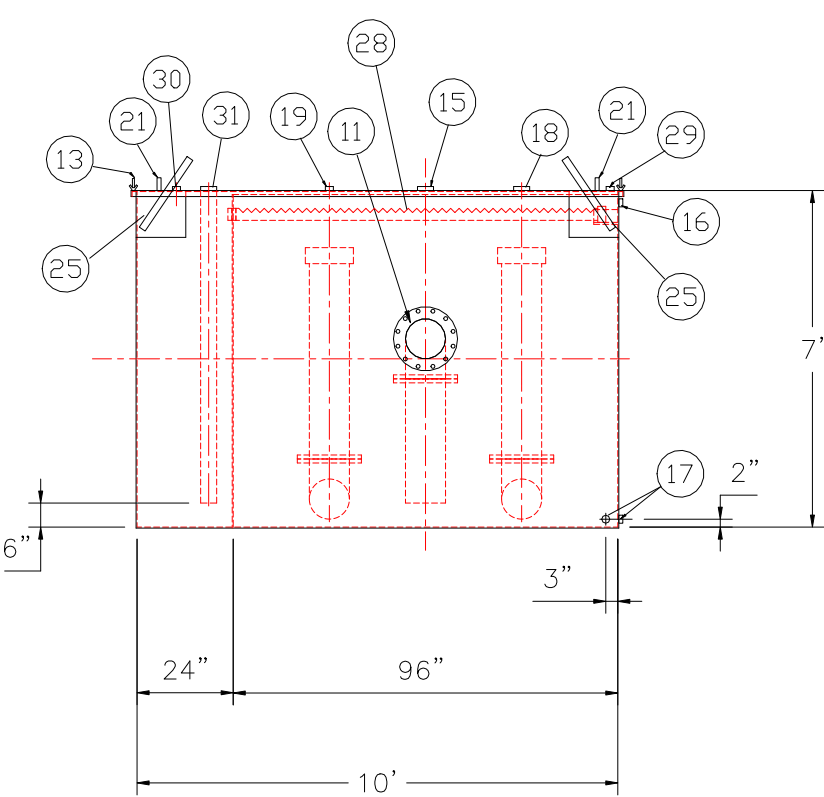
CONSTRUCTION:  
BUTT FIT AND WELD ALL CORNERS IN & OUT

NOTES

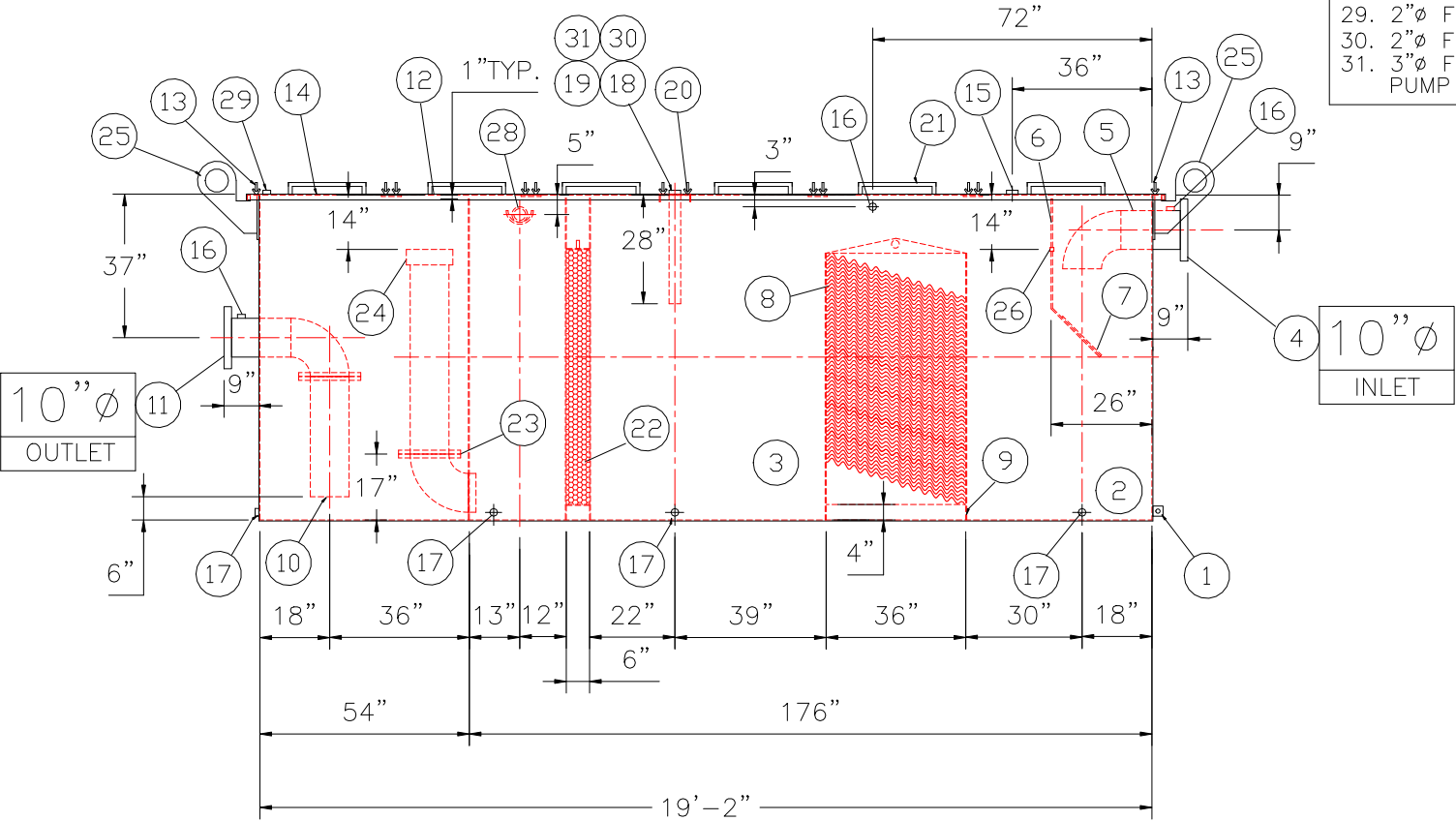
1. ALL INTERNAL MATERIAL IS 10 GA  
2. ALL THREADED DRAIN FITTINGS TO HAVE STEEL THREADED PLUGS AND COATED WITH TANK  
3. ALL OTHER THREADED FITTINGS TO HAVE PVC THREADED PLUGS  
4. LIFTING LUGS HAVE REINFORCING PLATES



REMOVABLE COVERS (6) REQUIRED  
PLAN VIEW



END VIEW



ELEVATION

PROVIDED EQUIPMENT

- 3"x3"x1/4" FLAT W/ 9/16"Ø HOLE DRILLED IN CENTER (GROUNDING LUG)
- SEDIMENT CHAMBER
- OIL WATER SEPARATOR CHAMBER
- 150# RFSSO FLANGED INLET
- STEEL INLET ELBOW PIPING
- VELOCITY HEAD DIFFUSION BAFFLE 10GA
- WEAR PLATE (1/4" MATERIAL)
- REMOVABLE PARALLEL CORRUGATED PLATE COALESCER (CORELLA PVC PLATES) 1" PLATE SPACING
- SLUDGE BAFFLE - 10GA
- FLANGED PVC OUTLET DOWNCOMER PIPE
- 150# RFSSO FLANGED OUTLET W/ INTERNAL STEEL ELBOW AND FLANGE
- (6) PIECE COVER W/ 5/8" BOLT HOLES - 7 GA
- NUTS & BOLTS W/ LARGE WING (CORROSION RESISTANT)
- GASKET MATERIAL (FOR EACH REMOVABLE COVER)
- 3"Ø FNPT (CLEAN-OUT)
- 2"Ø FNPT (VENT)
- 2"Ø FNPT (DRAIN)
- 3"Ø FNPT FULL COUPLING WITH 3" INTERNAL PVC PIPE (OIL PUMP OUT IN SEPERATOR CHAMBER)
- 2"Ø FNPT (SEPARATOR CHAMBER INTERFACE LEVEL SENSOR)
- 7GA. CROSSMEMBER FOR OIL PUMP-OUT & LEVEL SENSOR FITTINGS IN SEPARATOR AND OIL HOLDING CHAMBERS
- HANDLES PER H.T. STANDARD
- 6" THICK REMOVABLE PETROSCREEN CARTRIDGE COALESCER
- 10"Ø STEEL ELBOW W/ FLANGE WELDED TO TOP FOR PVC RISER PIPES
- 10"Ø ADJUSTABLE FERNCO COUPLING
- 3/4" THICK LIFTING LUG ANGLED TOWARD CENTER
- 1"Ø FNPT COUPLING W/ PLUG
- OIL HOLDING COMPARTMENT
- 3" FNPT COUPLING WITH SAWTOOTH TYPE PVC OIL SKIMMER & PIPE SUPPORT SHELF
- 2"Ø FNPT HALF COUPLING (SPARE)
- 2"Ø FNPT (HIGH LEVEL OIL HOLDING CHAMBER LEVEL SENSOR)
- 3"Ø FNPT FULL COUPLING WITH 3" INTERNAL PVC PIPE (OIL PUMP OUT IN OIL HOLDING CHAMBER)

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

REVISIONS



**Highland Tank**

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

8000 GALLON OIL WATER SEPARATOR  
RECTANGULAR, HTC, S-SERIES

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

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

DATE:

DWG. BY:

DWG. NO.:

08000RECSWHTCS