

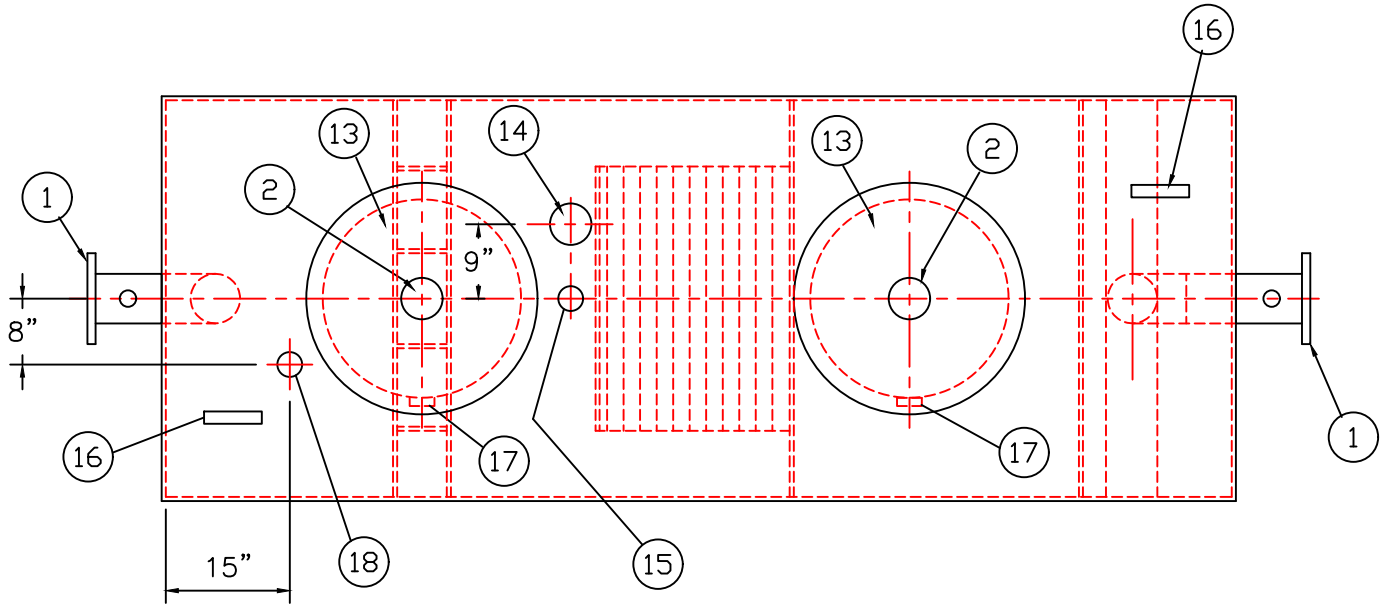
GENERAL SPECIFICATIONS
NO. REQ'D: (1)
CAPACITY: 1000 GALLONS
TYPE: HTC, HIGHGUARD, DW TYPE I 360
MATERIAL: MILD CARBON STEEL
FLOW RATE: 100 GPM
GAUGE: BASED ON 60" MAX BURIAL

	INNER	OUTER
SHELL-	7 GA.	10 GA.
HEADS-	7 GA.	10 GA.

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

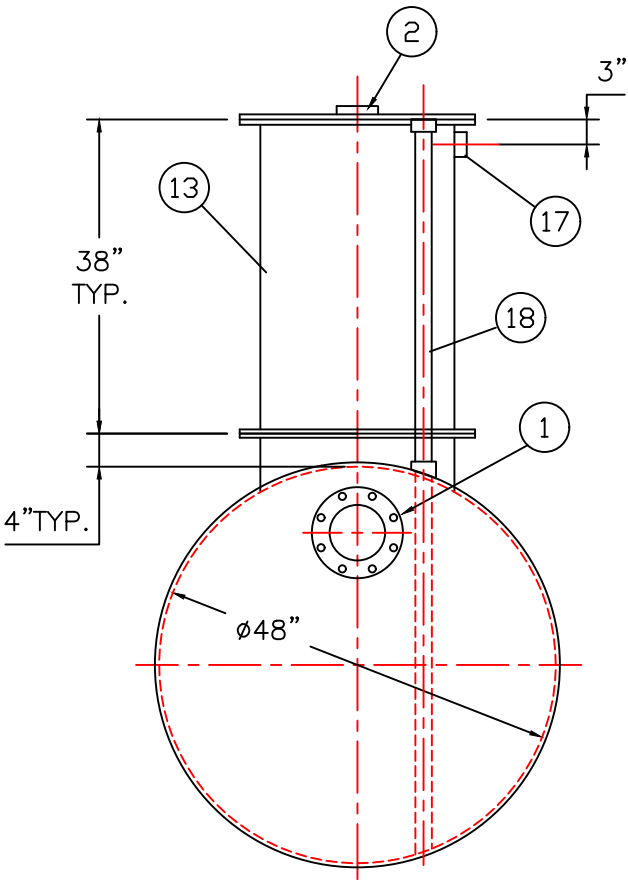


PLAN

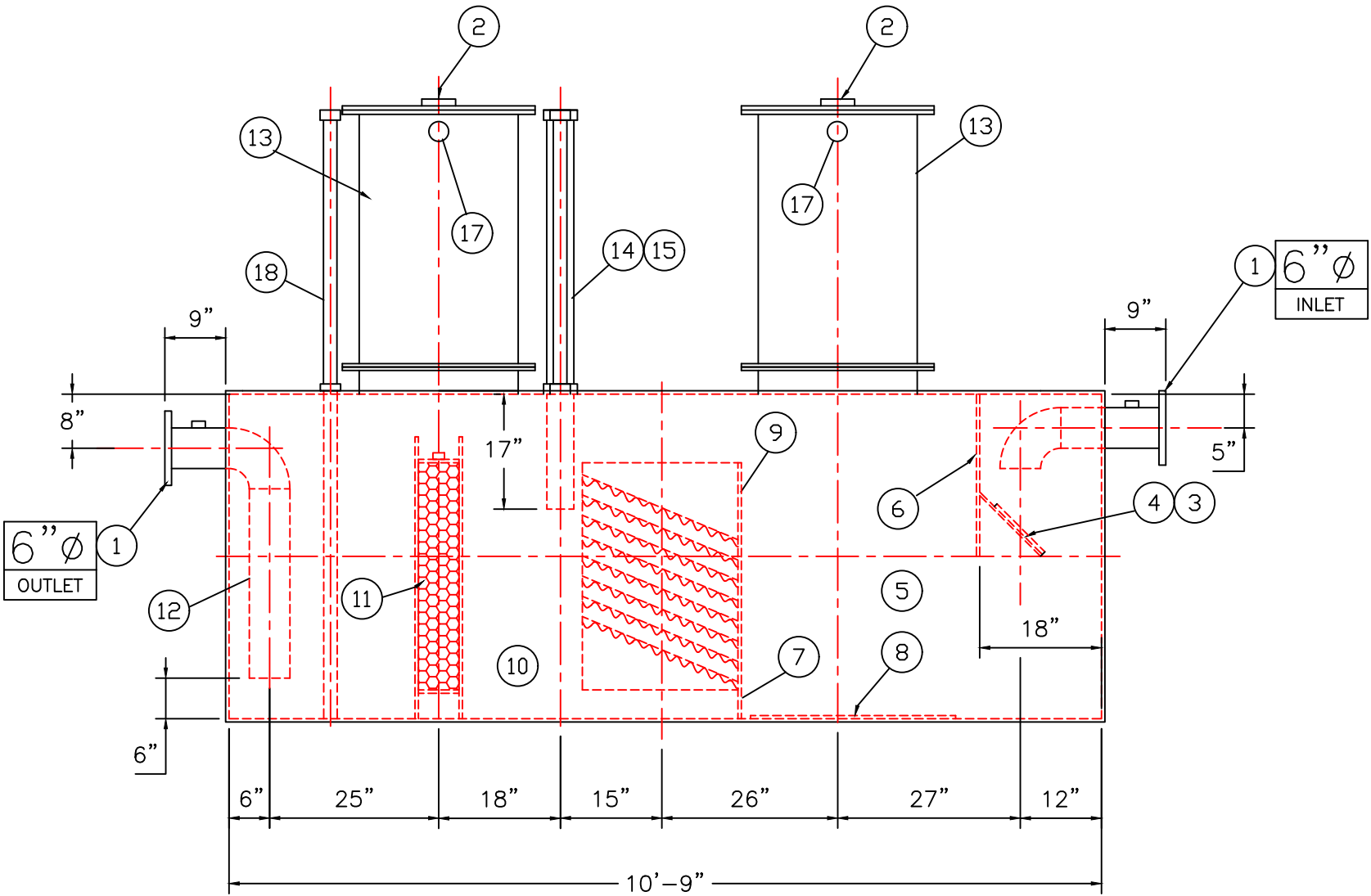
- PROVIDED EQUIPMENT**
- 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
 - 4"Ø FNPT FOR GAUGE WITH PLUG
 - VELOCITY HEAD DIFFUSION BAFFLE
 - WEAR PLATE
 - SEDIMENT CHAMBER
 - UNDERFLOW BAFFLE (REMOVABLE)
 - SLUDGE BAFFLE
 - STRIKER PLATES
 - PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
 - OIL/WATER SEPARATOR CHAMBER
 - 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE
 - STEEL OUTLET DOWNCOMER
 - 24"Ø MANWAY WITH BOLT-ON EXTENSION SHIPPED LOOSE
 - 4"Ø FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
 - 2"Ø FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
 - LIFTING LUG
 - 2"Ø FNPT FOR VENT
 - 2"Ø FNPT FOR LEAK SENSOR WITH RISER PIPE SHIPPED LOOSE

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



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: 1/2"=1'-0" DATE: DWG. BY: DWG. NO.: 01000HGDWHTCHDS

REVISIONS

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

1000 GALLON OIL WATER SEPARATOR
HTC, HIGHGUARD, DW TYPE I 360

CUSTOMER:

PROJECT:

QUOTE NO: CHK'D BY:

GENERAL SPECIFICATIONS

NO. REQ'D: (1)

CAPACITY: 1000 GALLONS

TYPE: HTC, HIGHGUARD, DW TYPE I 360

MATERIAL: MILD CARBON STEEL

FLOW RATE: 100 GPM

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SHELL-7 GA.

HEADS-7 GA.

INNER

OUTER

10 GA.

10 GA.

SURFACE PREP:

SSPC NO.6 BLAST ALL EXTERIOR SURFACES

SSPC NO.10 BLAST ALL INTERIOR SURFACES

COATING:

MATERIAL

THICKNESS

EXTERIOR-HIGHGUARD

(75 MILS)

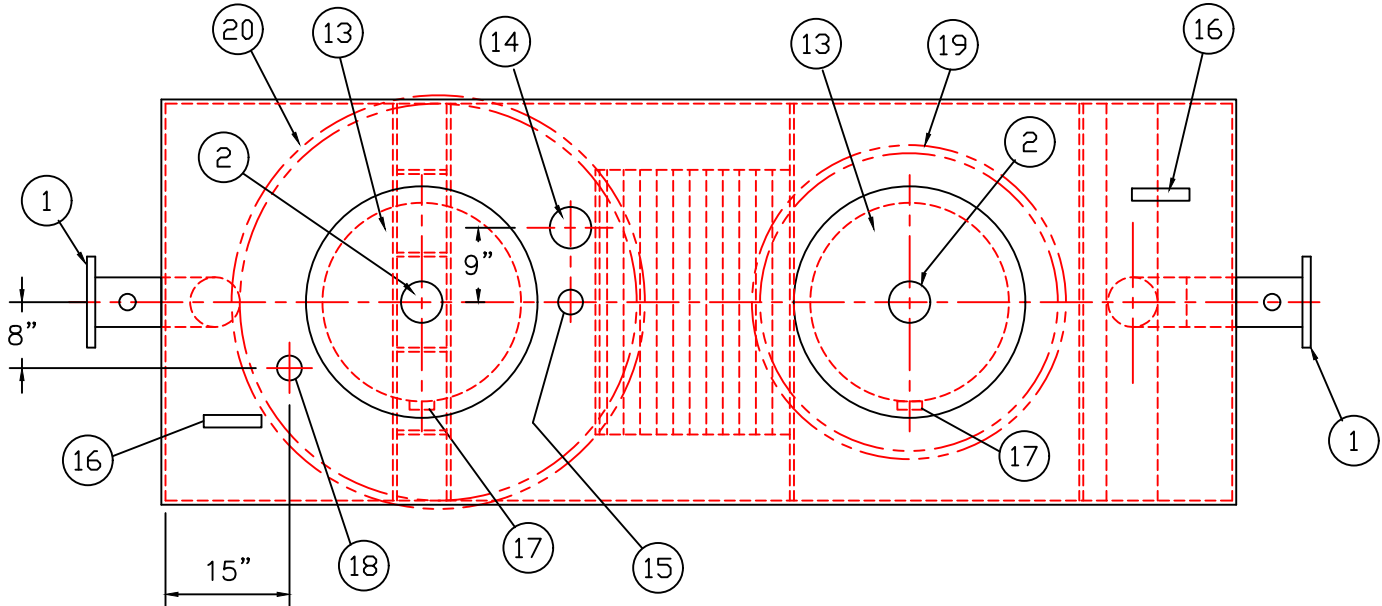
INTERIOR-CHEMLINE 4200 PW

(15 MILS)

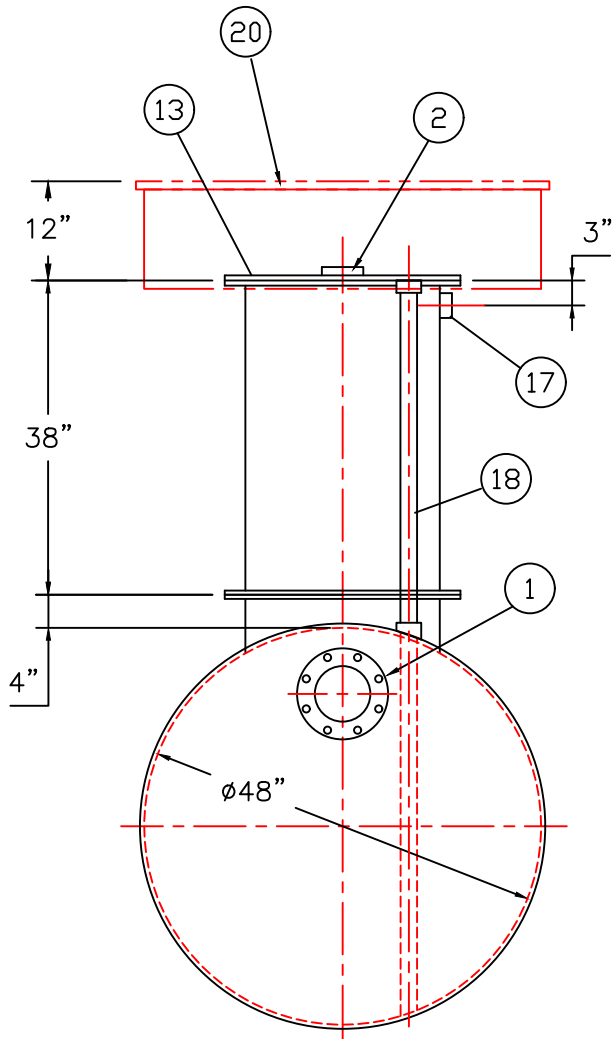
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LAP FIT & WELD ALL EXTERIOR SEAMS

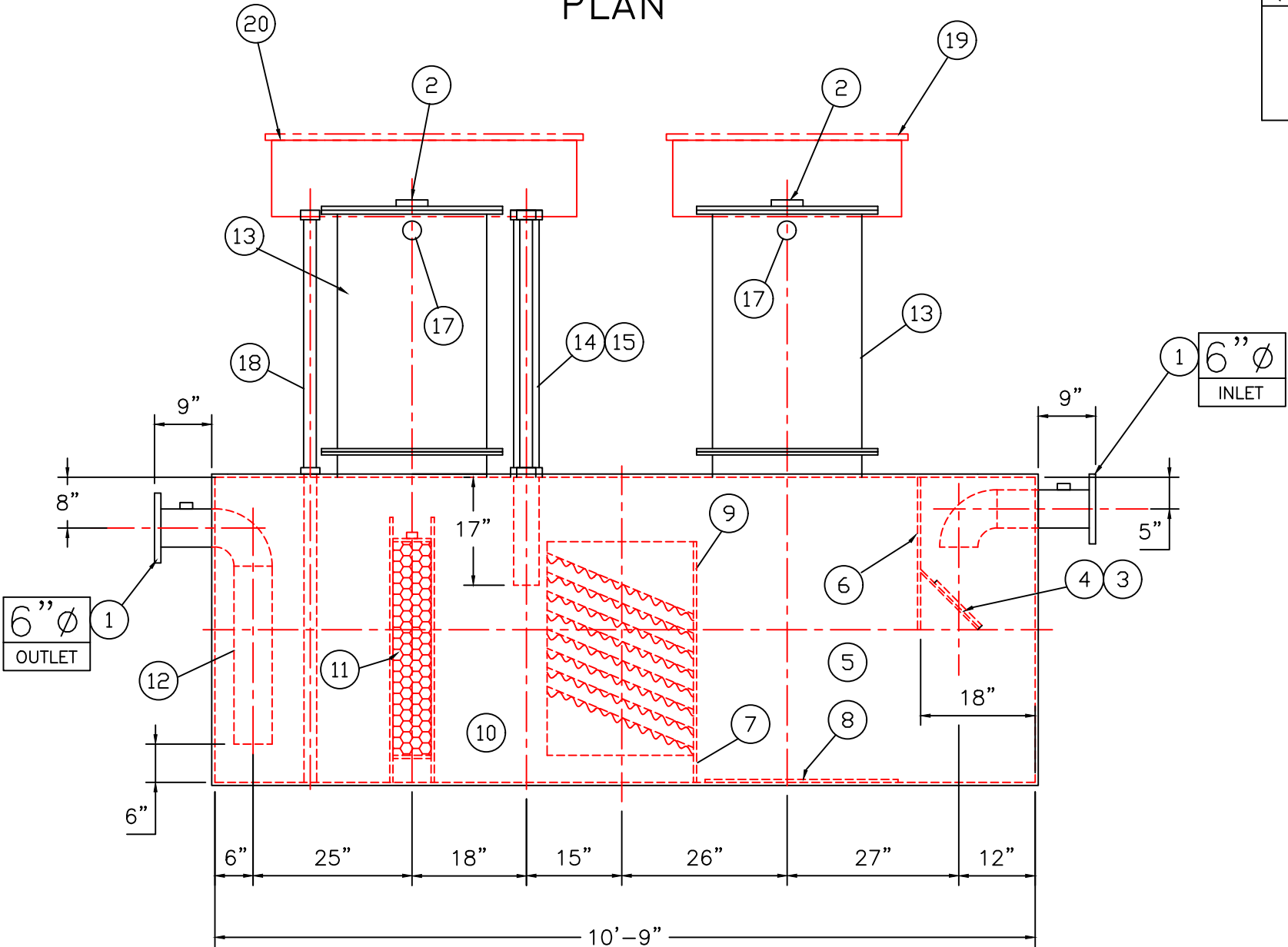
OPERATING PRESSURE : ATMOSPHERIC



PLAN



END VIEW



ELEVATION

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 (REMOVABLE)

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

18. 2"Ø FNPT FOR LEAK SENSOR WITH RISER PIPE SHIPPED LOOSE

19. GLM-36 ROUND GRADE LEVEL MANWAY

20. GLM-48 ROUND GRADE LEVEL MANWAY

ANCILLARY PROVIDED EQUIPMENT

(4) 24" FIBREFLEX MANWAY GASKETS

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

NOTES

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