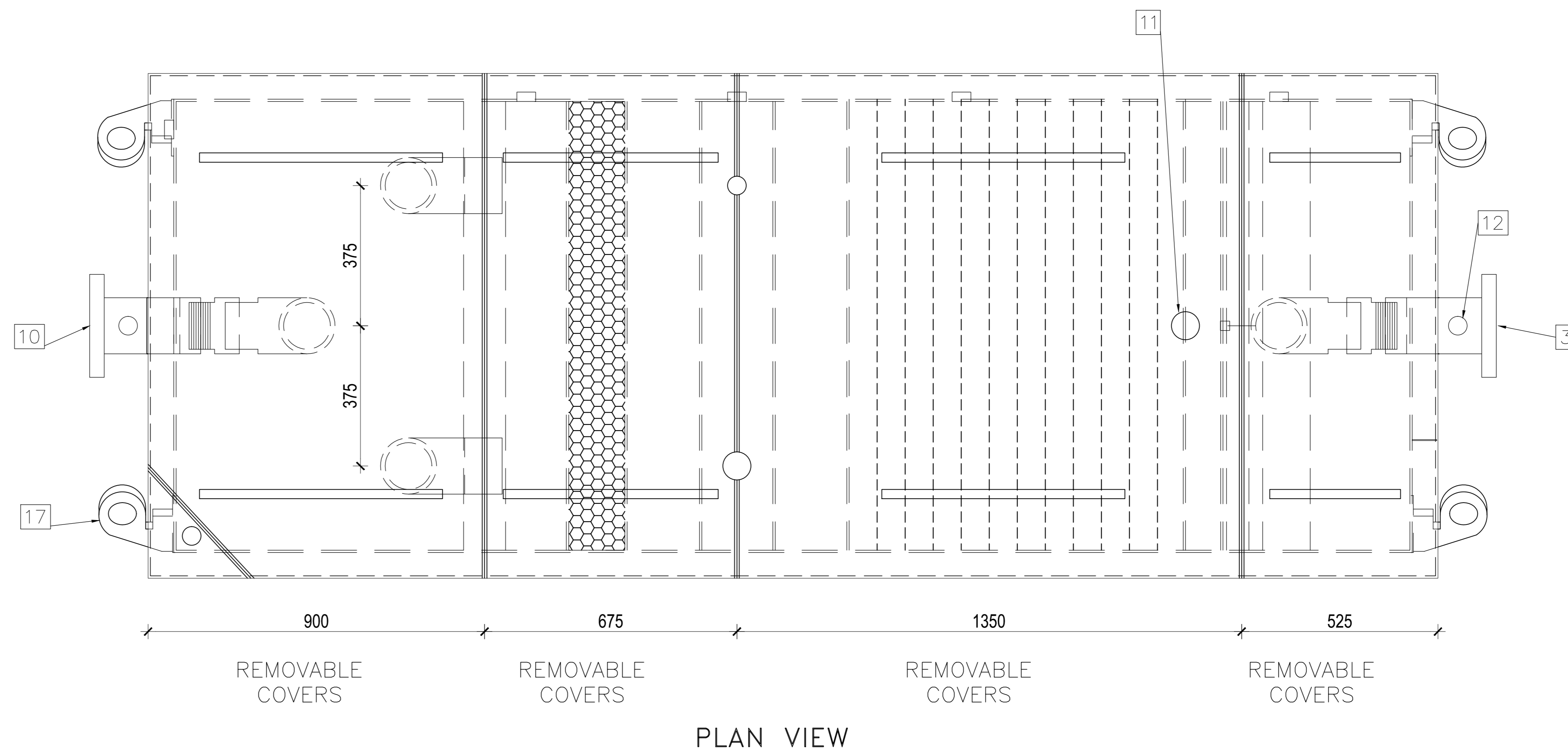
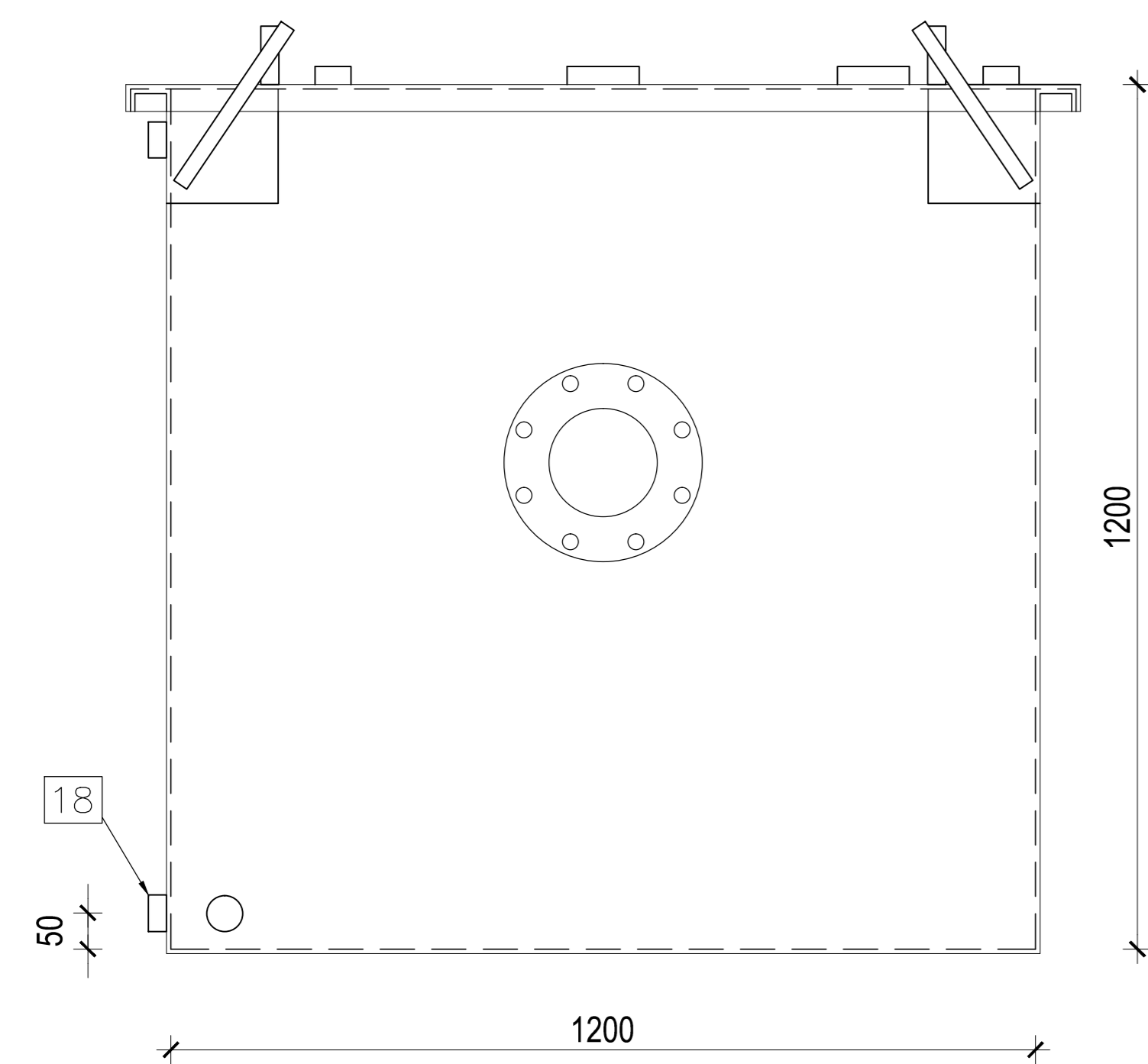


**PROVIDED EQUIPMENT**

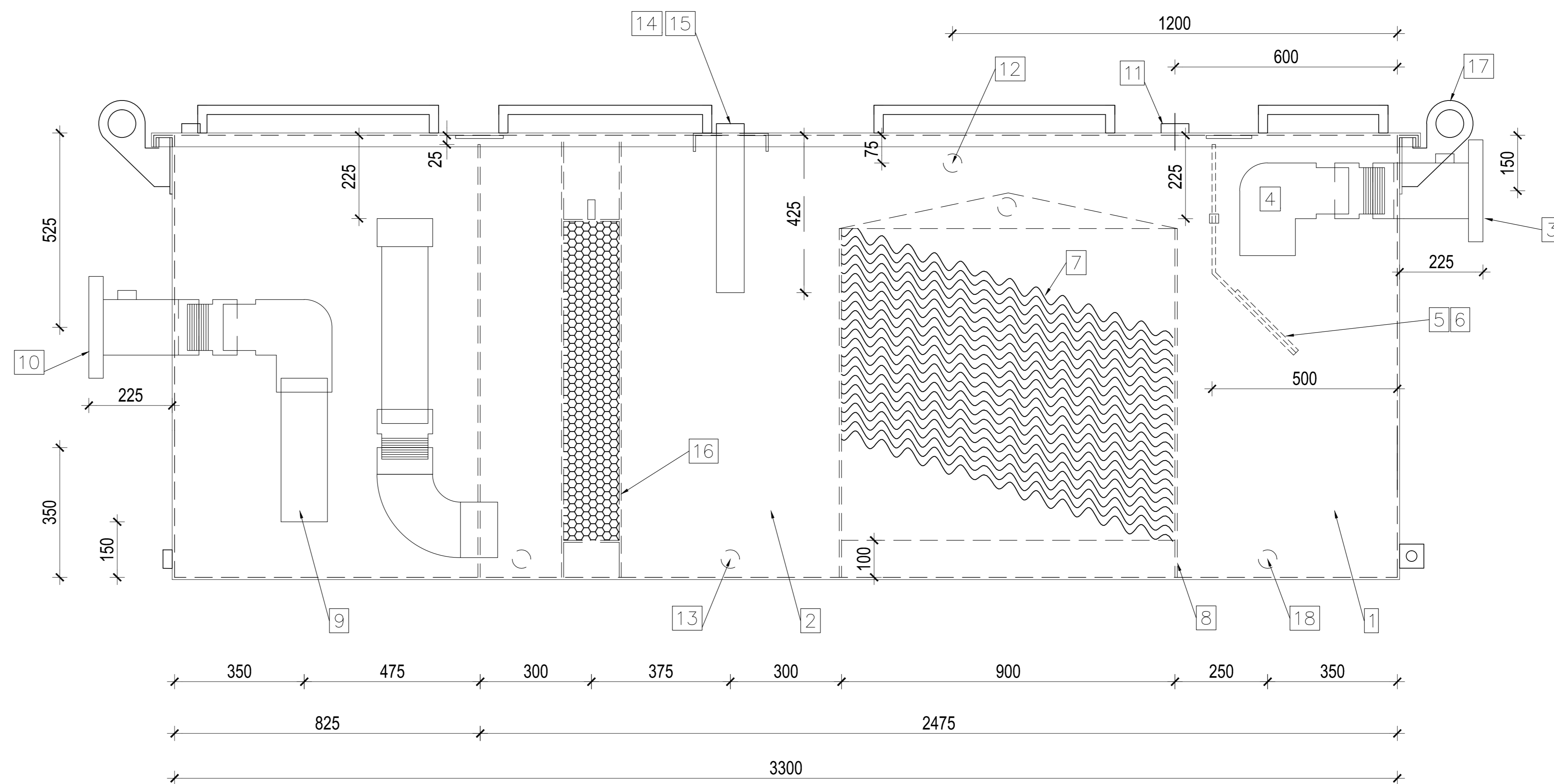
1. SEDIMENT CHAMBER
2. OIL WATER SEPARATOR CHAMBER
3. 150# RFSO FLANGED INLET
4. PVC INLET ELBOW PIPING
5. VELOCITY HEAD DIFFUSION BAFFLE - 10GA
6. WEAR PLATE - 1/4"
7. REMOVABLE PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (1" PLATE SPACING)
8. SLUDGE BAFFLE - 10GA
9. PVC OUTLET DOWNCOMER PIPE
10. 150# RFSO FLANGED OUTLET
11. 3"Ø FNPT (CLEAN-OUT)
12. 2"Ø FNPT (VENT)
13. 2"Ø FNPT HALF COUPLING (DRAIN) W/ STEEL PLUG
14. 2"Ø FNPT HALF COUPLING (INTERFACE LEVEL SENSOR)
15. 3"Ø FNPT FULL COUPLING W/ 3" Ø INTERNAL PVC PIPE (OIL PUMPOUT)
16. 6" THICK REMOVABLE PETROSCREEN CARTRIDGE COALESCER
17. 1/2" THICK LIFTING LUG ANGLED TOWARD CENTER
18. 2"Ø FNPT HALF COUPLING (DRAIN) W/ STEEL PLUG



PLAN VIEW



SIDE VIEW



FRONT VIEW

**DESIGN DATA**

LOCATION	-	
DESIGN CODE	ASME SECTION VIII Div. 1, ED.2019	
SERVICE	OIL / WATER SEPARATOR	
NO. OF TANK	1 NO.	
SIZE	WIDTH	MM 1200
	LENGTH	MM 3300
	HEIGHT	MM 1200
CAPACITY (WORKING/NOMINAL)	GALLON 1000	
FLOW RATE	GPM 100	
PRODUCT	OIL / WATER	
SP. GRAVITY (OPERATION/DESIGN)	0.9 / 1	
DESIGN PRESSURE	KPa FULL OF WATER	
OPERATING PRESSURE	KPa ATMOSPHERIC	
DESIGN TEMPERATURE	°C 65	
OPERATING TEMPERATURE	°C AMBIENT	
WIND VELOCITY	m/s 45	
SEISMIC ZONE	NA	
CORROSION ALLOWANCE	MM 0	
JOINT EFFICIENCY	0.7	
AIR TEST PRESSURE	KPa NA	
WEIGHT FABRICATED	Kgs ~7960	
OPERATING WEIGHT	Kgs ~76740	
TEST WEIGHT (FULL OF WATER)	Kgs ~84350	

**MATERIAL OF CONSTRUCTION**

SHELL (INNER / OUTER)	A 36
DISH ENDS	A 36
NOZZLE NECK	A 106 GR. B
MANHOLE COVER AND BLIND	SA 36
FLANGES	A 105 / SA 36
COUPLING	A 105
FITTINGS	A 234 GR. WPB
GASKETS	NON ASBESTOS
BOLT/NUTS	A 193-B7 /SA 194-2H (GALV.)
ANCHOR BOLTS	A 36 (GALV.) (BY OTHERS)
SADDLES	A 36
NAME PLATE	SS
EARTHING LUG	SS

- NOTES :**
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
  2. ALL TERMINAL POINTS SHALL BE PROVIDED WITH COMPANION FLANGE.
  3. THE STORAGE TANK MATERIALS, DESIGN, FABRICATION, TESTING AND INSPECTION SHALL BE IN ACCORDANCE WITH ASME SECTION VIII Div.01.
  4. DIMENSIONS & TOLERANCE OF PIPE MATERIAL SHALL BE AS PER ANSI/ASME B36.10.
  5. FOR DETAIL OF PAINTING PLEASE REFER PAINTING SPECIFICATION.
  6. SHELL MANHOLES FLANGES MADE FROM PLATES.
  7. NOZZLE PIPE FABRICATED OUT OF PIPE SHALL BE SEAMLESS. NECKS FABRICATED OUT OF PLATE SHALL BE FULL PENETRATION WELDED.
  8. ALL WELDS TO BE USED SHALL BE CONTINUOUS SEAM WELDING.
  9. PLATES THICKNESS OF 4.8mm CAN BE USED INSTEAD OF 5mm IF NECESSARY.

**ISSUED FOR INFORMATION ONLY**

PROJECT:

CLIENT:

CONTRACTOR:

BASIIA CONTRACTING

VENDOR:

United International  
HYDRO ENGINEERING TECHNOLOGIES

STATUS: --

DRAWING TITLE:  
**OIL/WATER SEPARATOR  
UWS-PLUS MODEL**

DRAWING NUMBER:	Scale:	Rev.
RH192700-TEN001	1:8	00
	Z.A	SH1 OF 1