

Prepared for (Company name) :

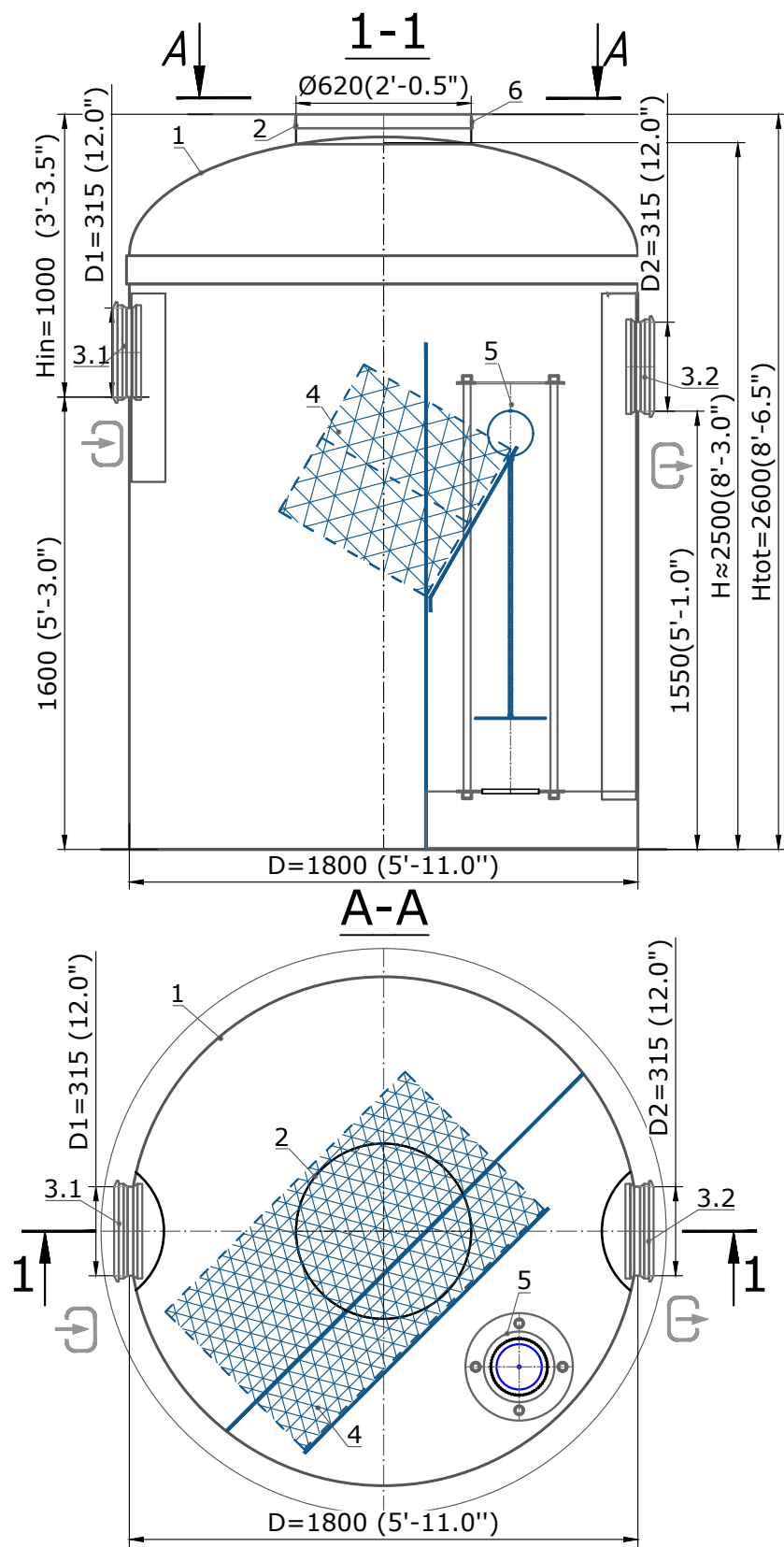
Project Name :

Project Number :

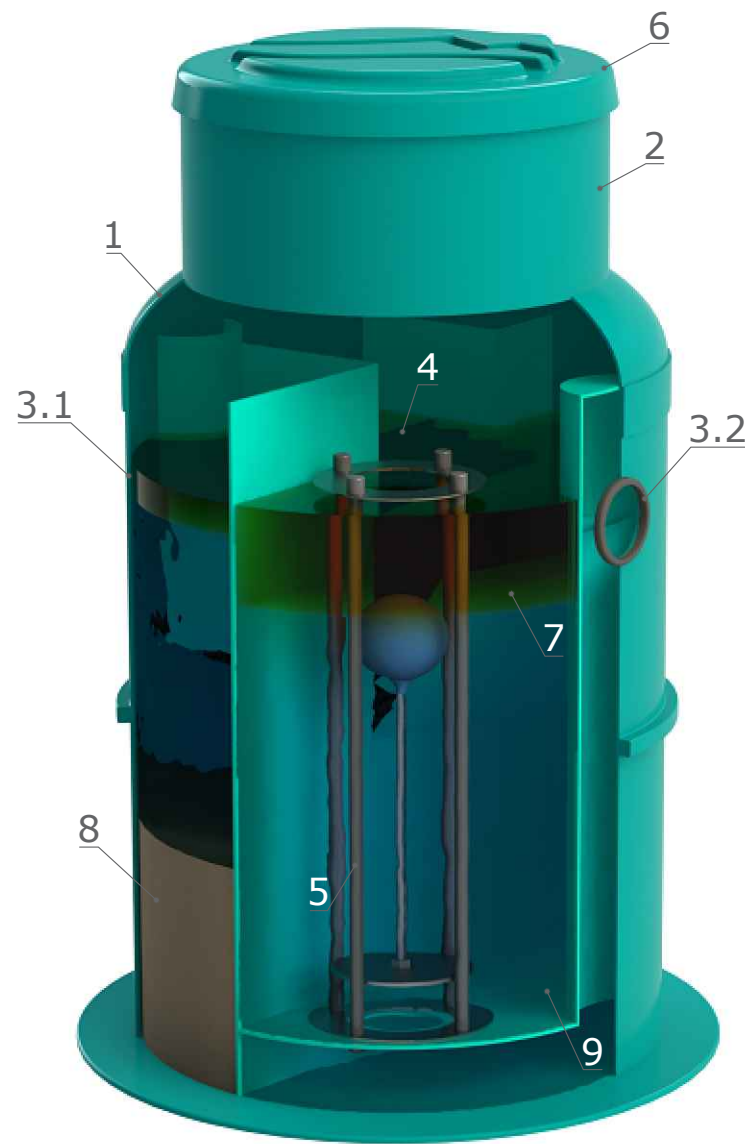
Date :

Prepared by :

Oil/Water Separator OilBase100-20 (S 1:25)



3D visualization




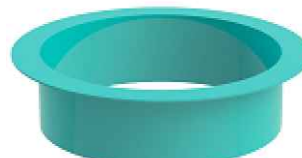



Specification of materials and equipment.  
Standard equipment\*(Table 1)

Pos.	Name	Q-ty	Mass, pc.,kg	Note
1	Oil/Water Separator Vodaland OilBase100-20,disch. 20l/s, full retention fiberglass, D=1800 (5'-11.0''), Htot=2600 (8'-6.5'')mm	1	409	compl.
2	Manhole extension GRP Ø620 (2'-0.5'')	1		compl.
3.1, 3.2	Rubber seal for connection pipe PVC Ø315 (12.0'')	1/ 1		compl.
4	Coalescent block	1		compl.
5	Automatic closure device 200(8,0'')	1		compl.
6	Fiberglass lid Ø620 (2'-0.5'')	1		compl.
7	Volume of light liquids	1000/265		l / gal
8	Volume of sludge trap	2000/530		l / gal
9	Usable volume	4300/1135		l / gal


The product is supplied according to the Table 1, unless additional equipment is specified in the Table 2.

Additional equipment (Table 2)

<input type="checkbox"/> Plastic manhole cover  <input type="checkbox"/> A15	<input type="checkbox"/> Neck extension Ø620 (2'-0.5'')  <input type="checkbox"/> h=500mm(1'-7.75'') <input type="checkbox"/> h=1000mm(3'-3.5'') <input type="checkbox"/> h=1500mm(4'-11.0'')	
<input type="checkbox"/> Ductile iron manhole cover <input type="checkbox"/> D250 <input type="checkbox"/> D400 	<input type="checkbox"/> Fiberglass adaptor plate Ø620 (2'-0.5'') 	<input type="checkbox"/> Universal ladder 

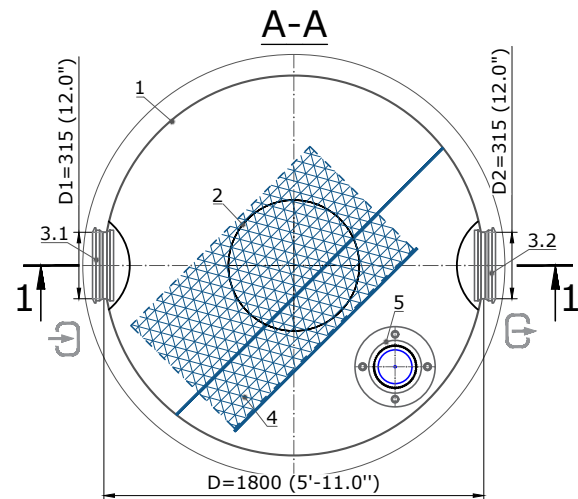
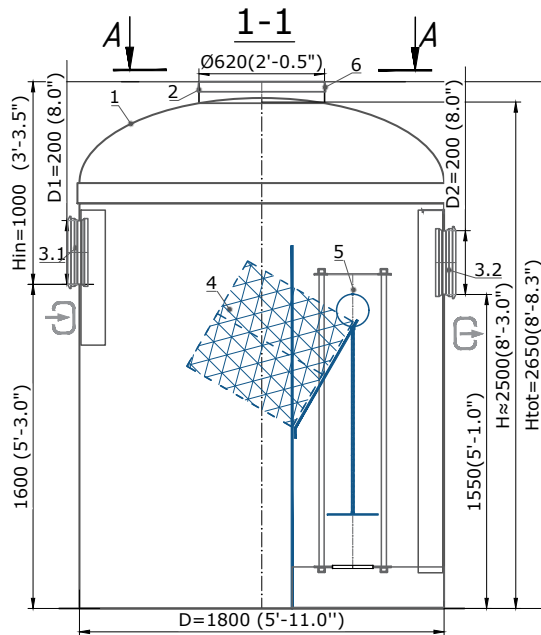
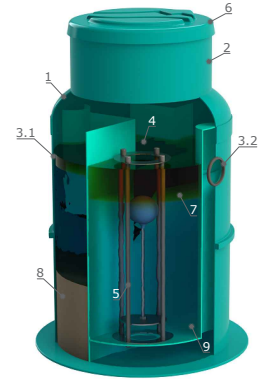
Note:  
\*H1-depth of the inlet connection (in standard equipment H1 up to 1000 mm (3'-3.5'')).  
\*\*The manufacturer reserves the right to make design and schematic changes that do not impact the characteristics of the product as a whole.  
\*\*\*Permissible manufacturing deviation of stated measurements is 1-3%.

Additional Information:

Oil/Water Separator OilBase100-20		Vodaland Canada Inc.5900 Ambler Drive, Unit 1 & 2, Mississauga, ON L4W 2N3 +1 (905) 238 1771	
Factory ID:	OB1-20		
Material: reinforced fiberglass	Date: 10/ 2024		

## OIL WATER SEPARATOR

**OILBASE100-20, OILBASE100-20/100 OIL/WATER SEPARATOR**



**General:** The oil water separator shall be Vodaland Canada OILBASE100 as manufactured by Vodaland.

**Specification:** The oil water separator shall be manufactured from Fiberglass as per BS EN 976-1/2:1997 standard and have the following properties : Water absorption 0.01%, Frost proof, salt proof and Fuels and oils resistant. The oil separator shall be equipped with a coalescing unit and automatic shut-off valve including a sludge trap for situations when the maximum oil capacity is reached. An optional bypass version of the same separator is available for high flow scenarios requiring overflow management. Useful capacity of the oil separator shall be 5090L (1345 Gal), a sludge capacity of 2000L (530 gal) & light liquids capacity of 1000L (265 gal).

**Performance:** The oil water separator has an efficiency of 1.456mg/L and flow rate of 20L/sec (315 GPM). The bypass flow rate will be 100 L/sec (1585 GPM) for overflow management.

**Accessories:** Cover shall be manufactured from fibreglass with a minimum inside opening  $\varnothing 24.5"$  (620mm) with an option of Cast iron cover. Neck extension are available with 0.5m, 1m, 1.5m lengths and with or without ladders. Flange adaptors are also available to attach cast iron manhole cover. Cast Iron cover shall withstand a required EN1433 load class D.

**Installation:** Separator shall be installed in strict accordance with the manufacturer's installation instructions and recommendations.

**REVISED: 2024**

**Vodaland Canada Inc.**

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**Product:**

Description	Item #	Height	Width
Oilbase100-20 oil/water separator	OB1-20	104.3" (2650mm)	70.9"(1800mm)
Oilbase100-20 oil/water separator w/bypass	OB1-20/100	104.3" (2650mm)	70.9"(1800mm)

**Accessories:**

Description	Item #	Qty
Fiber glass adaptor plate	F0620	1
Cast Iron manhole cover - D class	35258-55M	1
Neck extension - 0.5m	N0605	1
Neck extension - 0.5m w/ 1m access ladder	N0605L15	1
Neck extension - 1.0m	G620/1000	1
Neck extension - 1.0m w/ 2m access ladder	N0610L20	1
Neck extension - 1.5m	N0615	1
Neck extension - 1.5m w/ 2m access ladder	N0615L25	1

**REVISED: 2024**