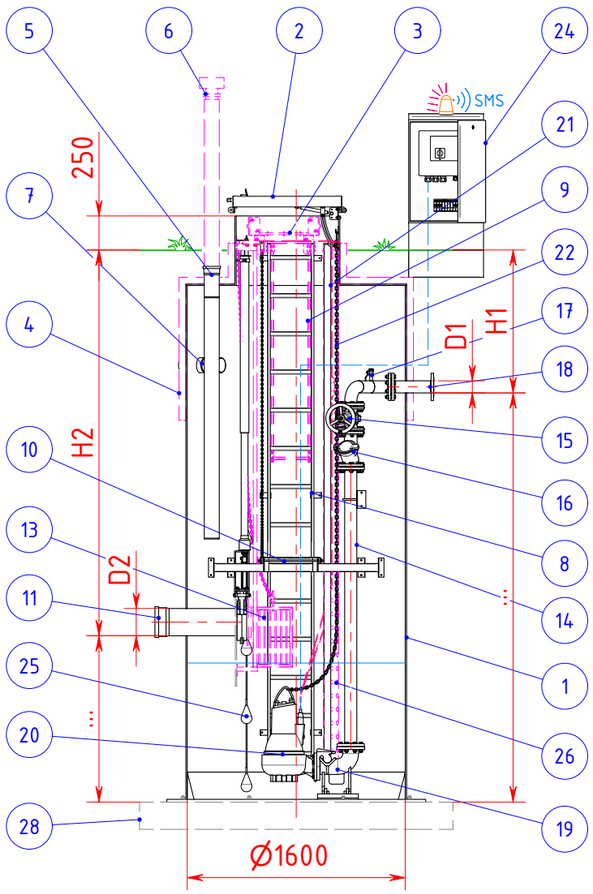
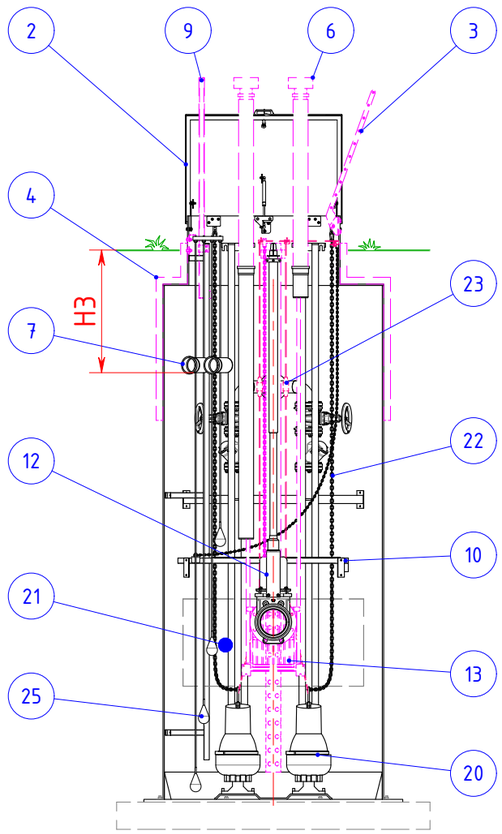
WASTEWATER TYPE:

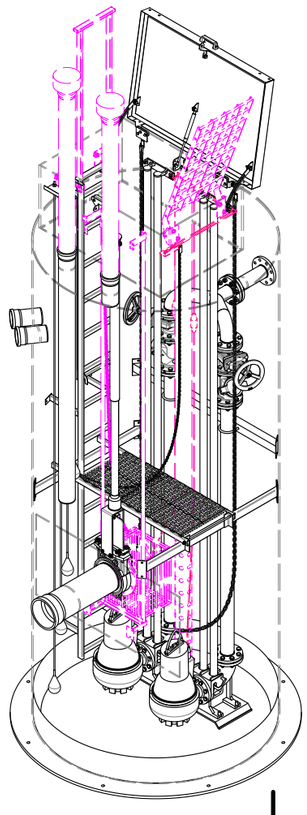
Faecal-free wastewater ☐

Wastewater with faecal matter ☐

Qmax = 10 m3/h / 3 l/s l/s, Hmax = 17 m







18	Outlet pipe	D1 = DN80 (D90 mm)	H1 =	mm
11	Inlet pipe	D2 =	H2 = 2500	mm
7	Cables entry	D3 = 2 x D110 mm	H3 =	mm
α	Inlet pipe angle			°
β	Ventilation outlet angle			°
γ	Cable aperture angle			°

1	Pumping station EP-series D1600 D1600, H3700+250mm Glass-reinforced plastic (GRP) "Vesmaco Composite", pH 3-10, heat resistance max 60°C		1
2	Cover, traffic-free zone — Aluminium (AlMg3, Quintett) ☐ / 1.4307/304L ☐ / 1.4404/316L ☐		1
3	**OPTION:** Safety grill ☐ — EN 1.4307 (304L) ☐ / EN 1.4404 (316L) ☐		(1)
4	**OPTION:** Insulation ☐		(1)
5	Ventilation pipe	D110 ☐ / D160 ☐	1...2
6	**OPTION:** Anti-odour air filter ☐ — passive ☐ / active ☐		(2)
7	Cable entry — Watertight ☐ / Non-watertight ☐ / Not defined ☐	D3 = 2 x D110 mm	1...4
8	Ladder, non-slip steps — 1.4307/(304L) ☐ / 1.4404/(316L) ☐		1
9	**OPTION**: Handrail ☐		(1)
10	Service platform — resting step-platform ☐ / foldable service platform ☐		1
11	Inlet pipe – PVC ☐ / GRP ☐	D2 =	1
12	**OPTION:** Knife gate valve with extension ☐ DN - ?		(1)
13	**OPTION:** Debris basket with guide rails and lifting chain ☐		(1)
14	Pressure pipeline — 1.4307/(304L) ☐ / 1.4404/(316L) ☐ DN65-DN80	DN50...DN80	1
15	Gate valve DN65	DN50...DN80	2
16	Ball check valve DN65	DN50...DN80	2
17	Service connection (manometer, air release valve etc.) 1.4404/(316L)	G1/2 ☐ / G3/4 ☐	1
18	Outlet pipe DN80	DN50...DN150	1
19	Pump's auto coupling DN65	DN50...DN80	2
20	Pump SEV.65.65.30.2.50D (96047713)		2
21	Pump's guide rail — EN 1.4307 (304L) ☐ / EN 1.4404 (316L) ☐		4
22	Pump's lifting chain 1.4404/(316L)	D4...D6	2
23	**OPTION:** Pump's cable multipin connector ☐		(2)
24	Controller — outdoor enclosure ☐ / SMS notification ☐ / SCADA ☐		1
25	Float switch		1...4
26	**OPTION:** Wastewater level sensor/transmitter in protective tube ☐		(1)
27	**OPTION:** Electromagnetic flowmeter ☐		(1)
28	Anchor/base slab, class C30/37 or higher, min. 2300×2300×200 mm (customer's scope of supply)		(1)

Title, Supplementary title: Pumping station EP-series D1600, installation in traffic-free zone

Size: A3 | Scale: 1 : 45

Vesmaco

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EP-D1600-H_DN50-80_GREEN_EN

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