HORIZONTAL FRP TANKS

TORPEDO

FEATURES

The Torpedo horizontal FRP (Fibreglass) tanks are used when water or wastewater storage and retention is required. Designed for compliance with Australian Standards. The glass filament wound structure provides a one piece pit for a fast, safe, easy and guaranteed installation.

FRP TANK DESIGN AND CONSTRUCTION STANDARDS

- ASME RTP-1 Reinforced Thermoset Plastic corrosion-Resistant Equipment (design methodology adopted where the scope falls outside of AS2634:1983)
- AS/NZS 1546.1 soil loading design requirements
- Compatible with sewage and stormwater applications and specific applications with traces of hydrocarbons and chemicals
- Max liquid temperature 80°C

TANK DESIGN

- Adjustable riser for burial depth up to 1900mm
- Single tank installation
- Multiple interconnected tanks for larger capacity
- 600 x 600 square access (cover not included)
- Multiple Inlet/Outlet pipework penetration - Faces allow easy field connections
- Stabilising Feet

FRP TANK DESIGN LIFE AND WARRANTY

- Design life 50 years / Warranty 5 years

OPTIONAL VALVE CHAMBER

The valve chamber is commonly used where valves are required in the Torpedo tank solution, valves are then housed within the valve chamber rather than the Torpedo tank to enable the servicing and maintenance of the valves without the need for a confined space entry.

The valve chamber would typically house the check and isolation valves in a pump station application, or the tank fill and diversion valves in a storage and detention application.

- Safe Maintenance
- Easy Installation
- Reduces Ongoing Costs



RANGE

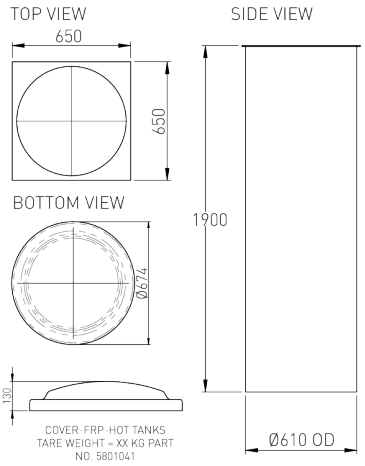
DIAMETER (M)	LENGTH (M)	VOLUME	WEIGHT	STOCK CODE
1.8	4.5	10000L	700kg	5801063
1.8	6.5	15000L	1070kg	5801205
2.2	4	13000L	926kg	5800802
2.2	6	20000L	1328kg	5800760
2.2	8	27000L	1712kg	5800761
2.2	10	35000L	2166kg	5800762
2.2	12	42000L	2540kg	5800763
2.2	10	35000L	2166kg	5800762
2.2	12.9	45000L	TBA	5800764*
2.2	14.0	50000L	2879kg	5800765*
2.2	15.1	55000L	TBA	5800766*
2.2	16.4	60000L	TBA	5800767*
2.2	17.7	65000L	TBA	5800768*
2.2	19	70000L	TBA	5800769*
2.2	20.2	75000L	TBA	5800771*

NOTE: *UPON REQUEST

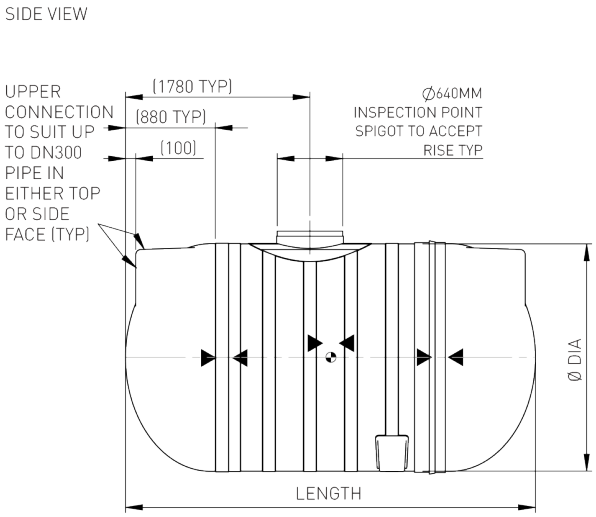
ADDITIONAL OPTION

ANCHOR KIT	COVERS	SAFETY GRATES	CHEMICAL RESISTANCE UPGRADE
			

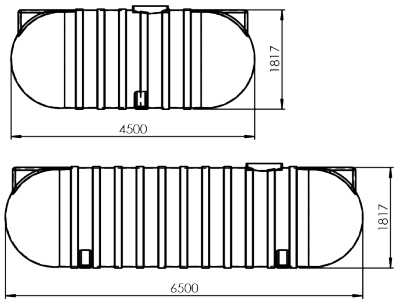
RISER DESIGN



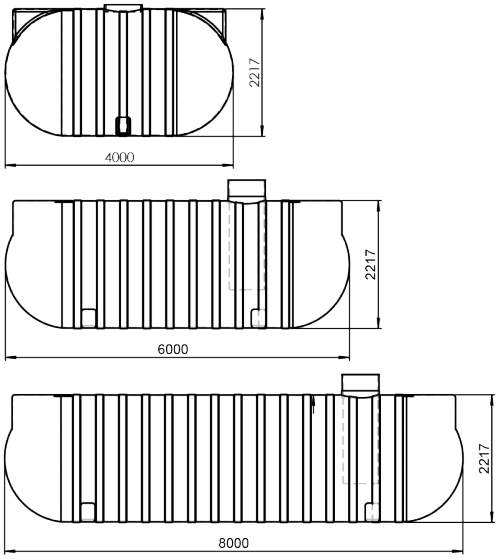
TYPICAL TANK DIMENSIONS



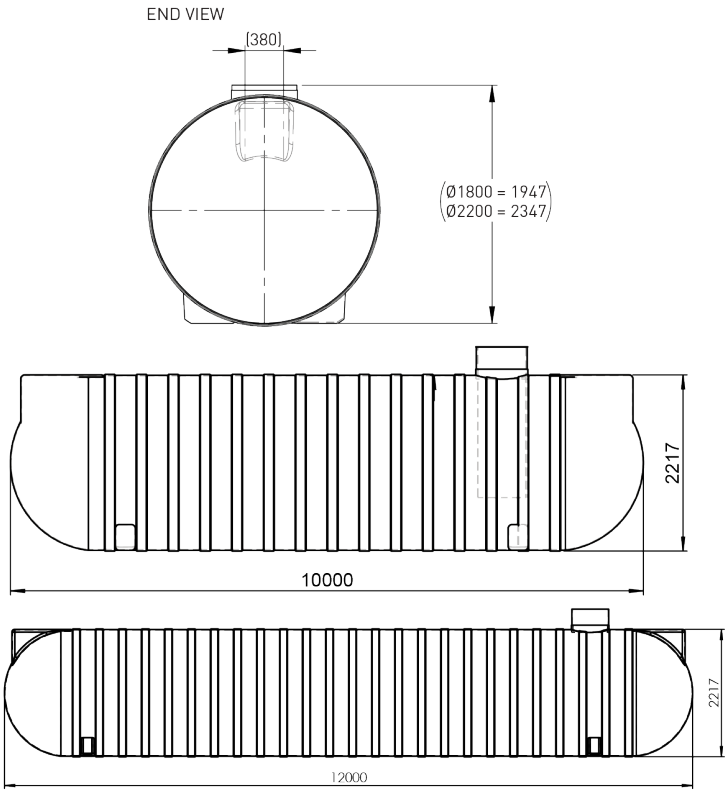
1.8M DIAMETER

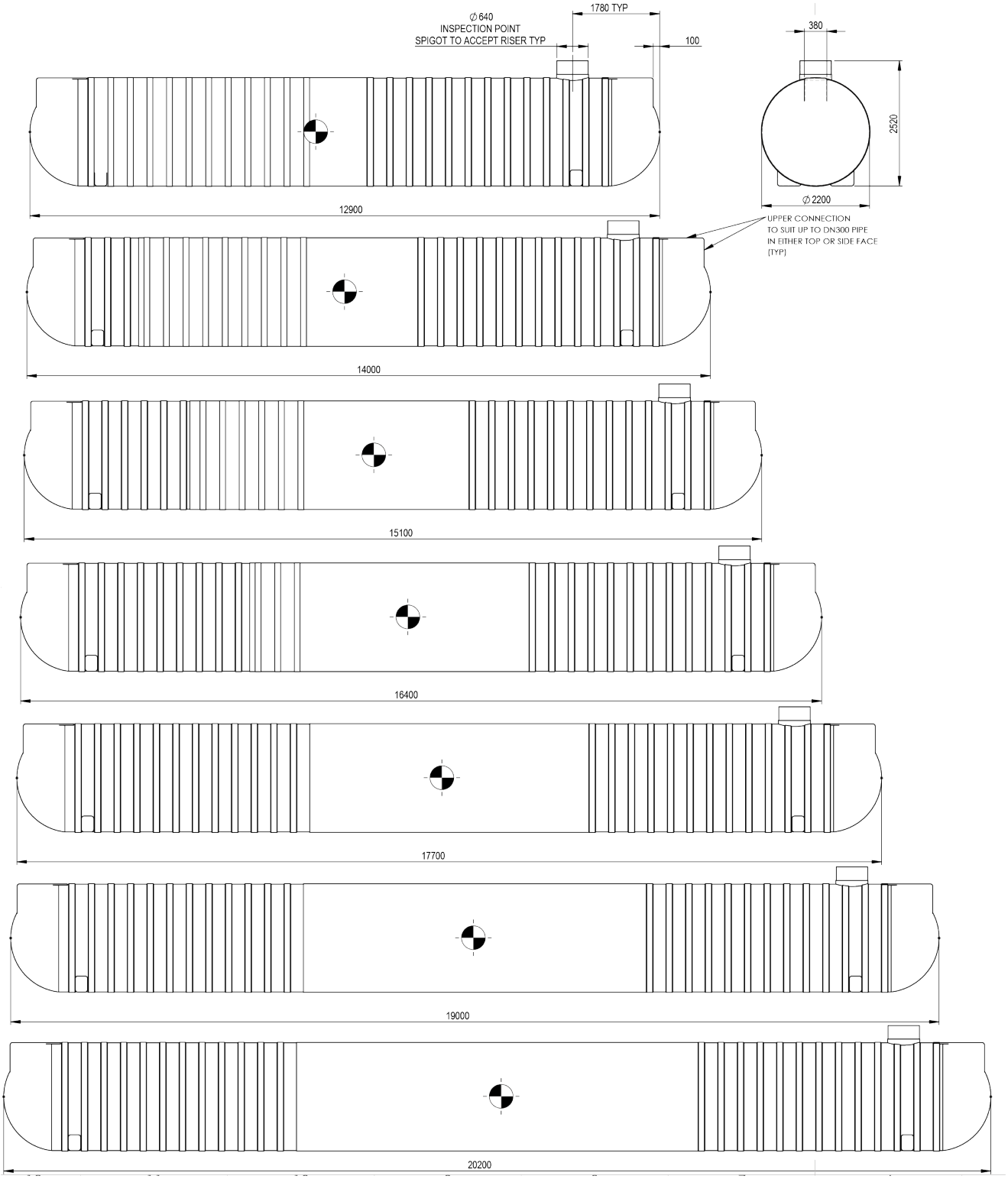


2.2M DIAMETER



END VIEW




∅640
INSPECTION POINT
SPIGOT TO ACCEPT RISER TYP
1780 TYP
100
380
2520
∅2200
12900
UPPER CONNECTION
TO SUIT UP TO DN300 PIPE
IN EITHER TOP OR SIDE FACE
(TYP)
14000
15100
16400
17700
19000
20200