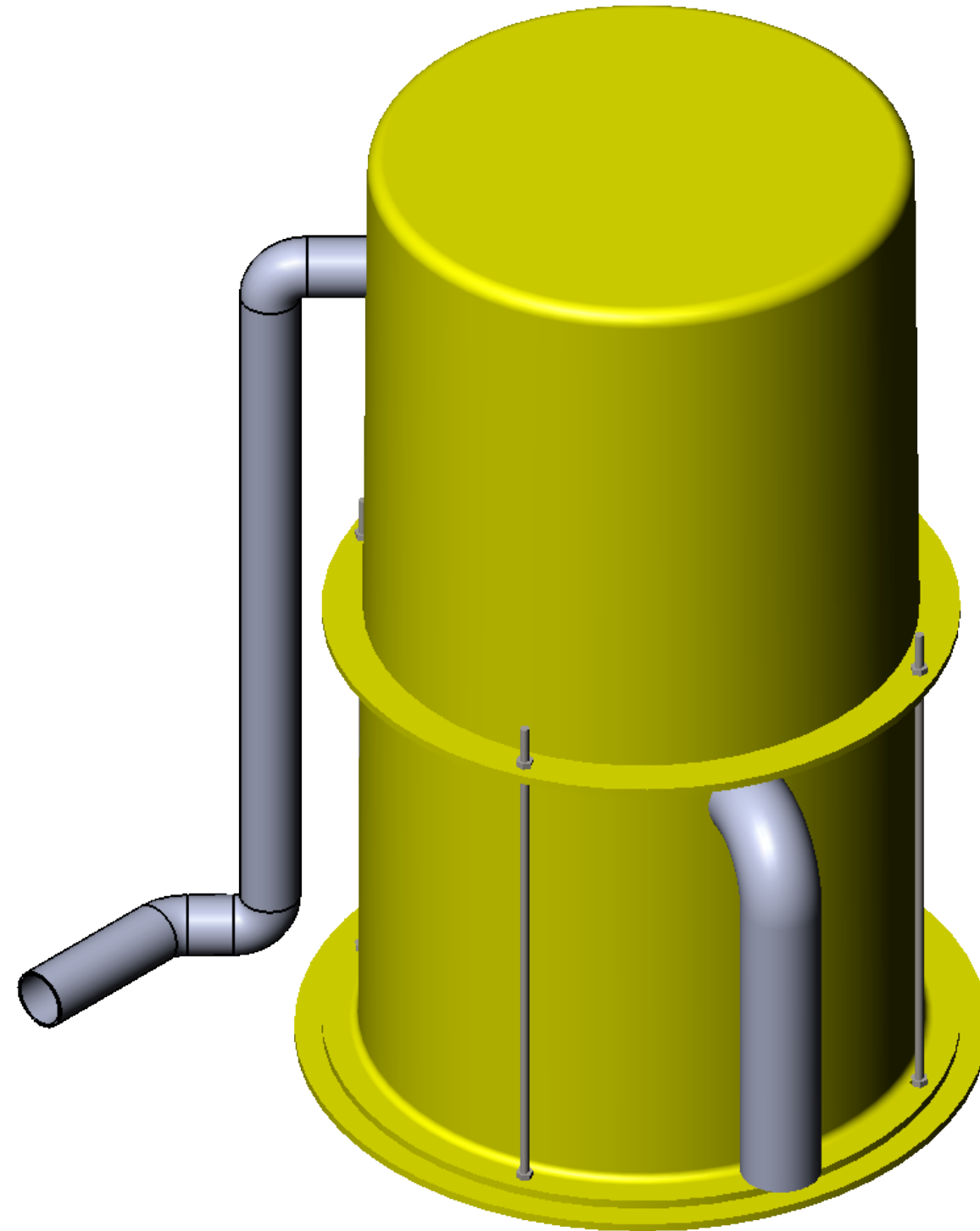


MAXIPROTECTOR

The Maxi Protector is a series of the Protector Range that utilises the hydraulics of the flowing stormwater to push the water through a series of efficient filtration systems, each with specialised capture process for a variety of contaminants. The Maxi protector is utilised to remove sediment, hydrocarbons, heavy metals, phosphates, and a range of other contaminants from stormwater to be returned to our water systems clean and safe for the environment. Installed in singular form, or in a multiple system of our filter, our system can cover a wide range of flow rates, catchment areas and inflow.

Easily retrofitted into existing stormwater systems or installed simply into new constructions, the water passes through the usual catchment systems, such as stormwater drains or grates and into the Maxiprotector. The water flows into the initial catchment area and uses the force of gravity for force the water through a zeolite filter and our specially made AFM filter. Zeolite is currently the most advanced media in the filtration market and is used instead of sand in sand filters, but with a greater efficiency. It binds and removes contaminants such as ammonia and nitrogen, heavy metals such as mercury and lead, far better than sand filter ranges available in the market. The water is then filtered through a series of filter nozzles in an optimally designed filter floor for a final filtration process. The water is then push up through a central riser pipe into secondary capture area where upon filling is then discharged out of the system, or into a secondary or follow up maxiprotector filter to continue the process. Product Structure



Client:

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Name: _____

Client: _____

Position: _____

Signed: _____

Date: _____

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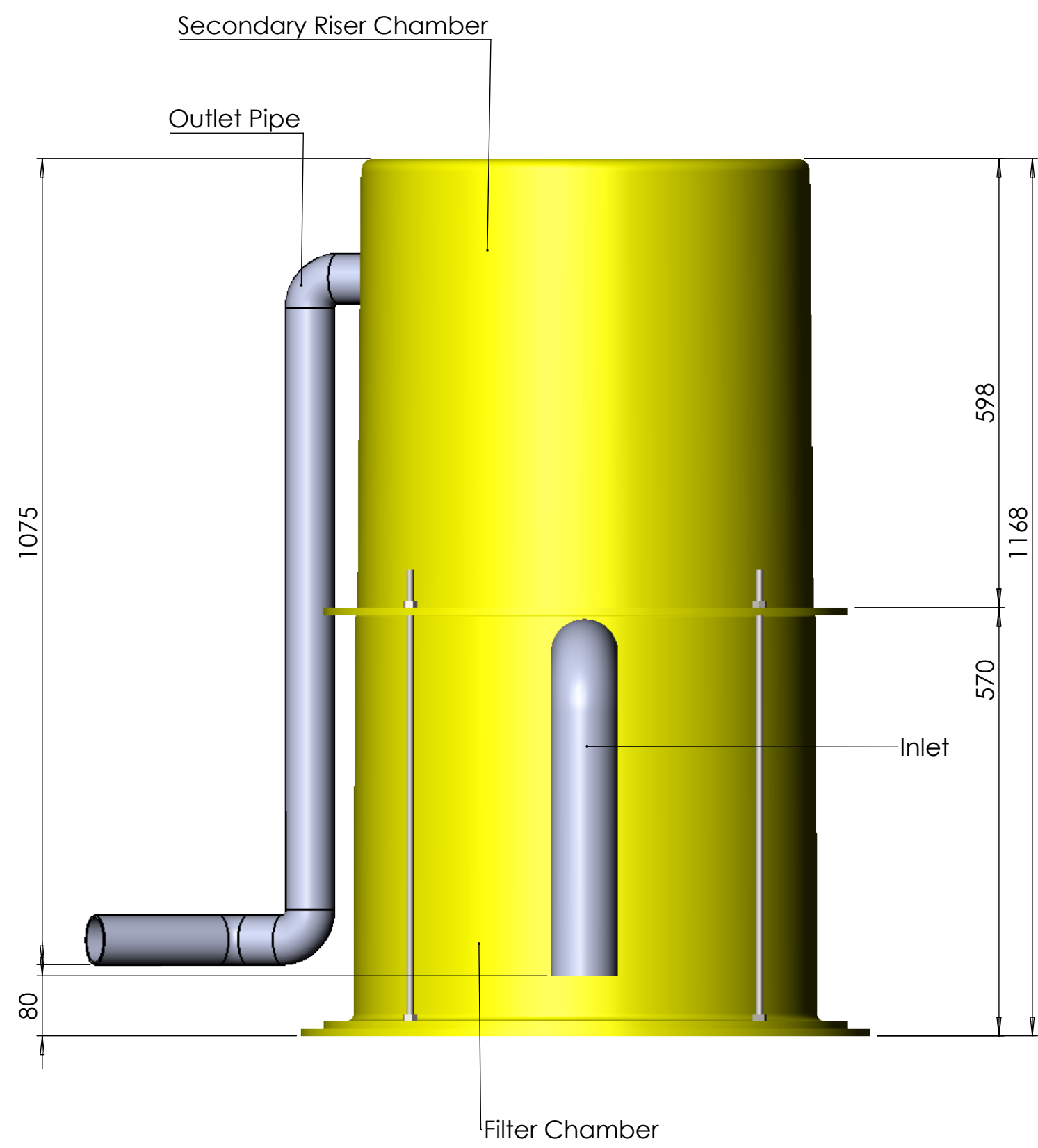
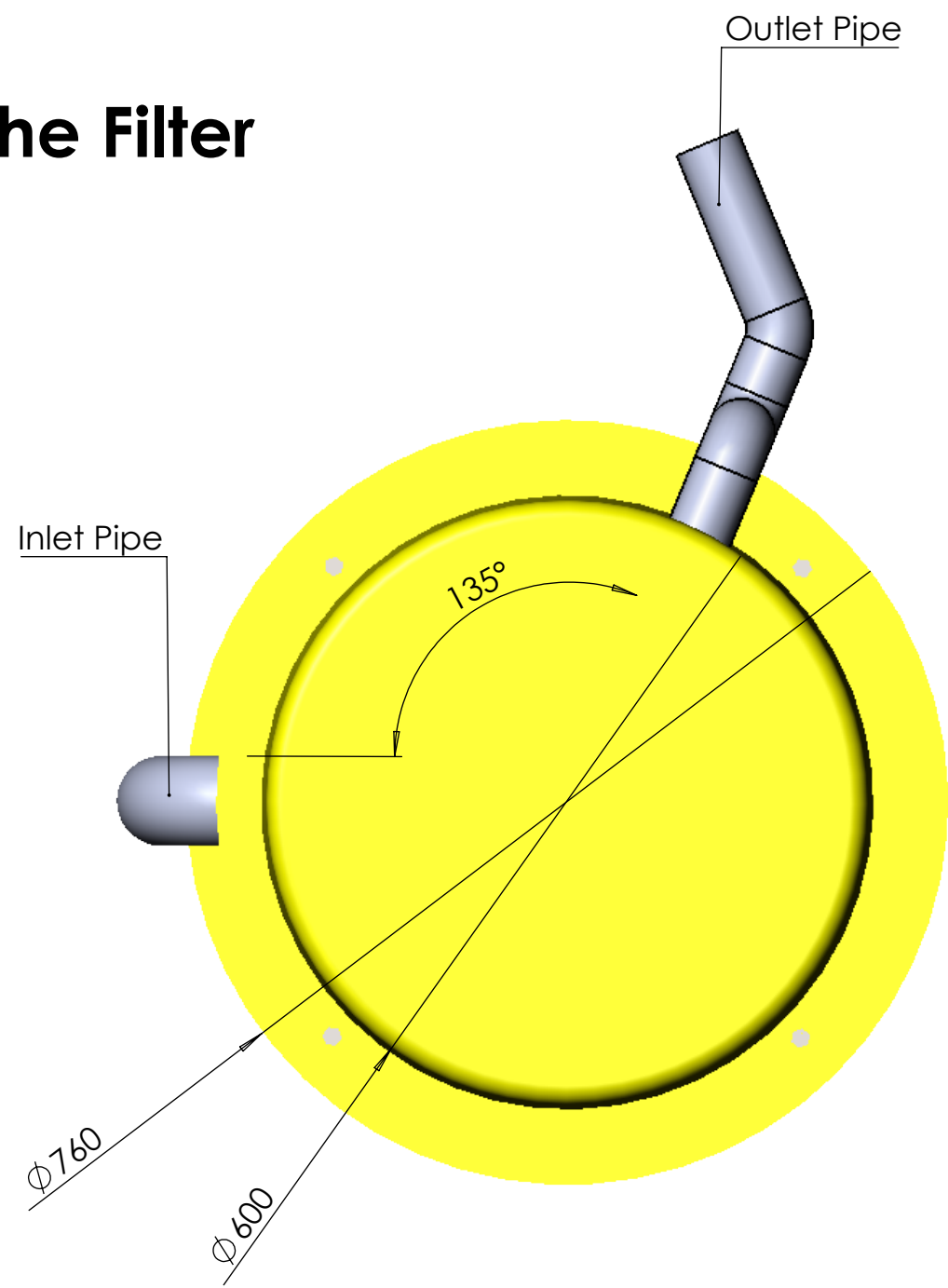
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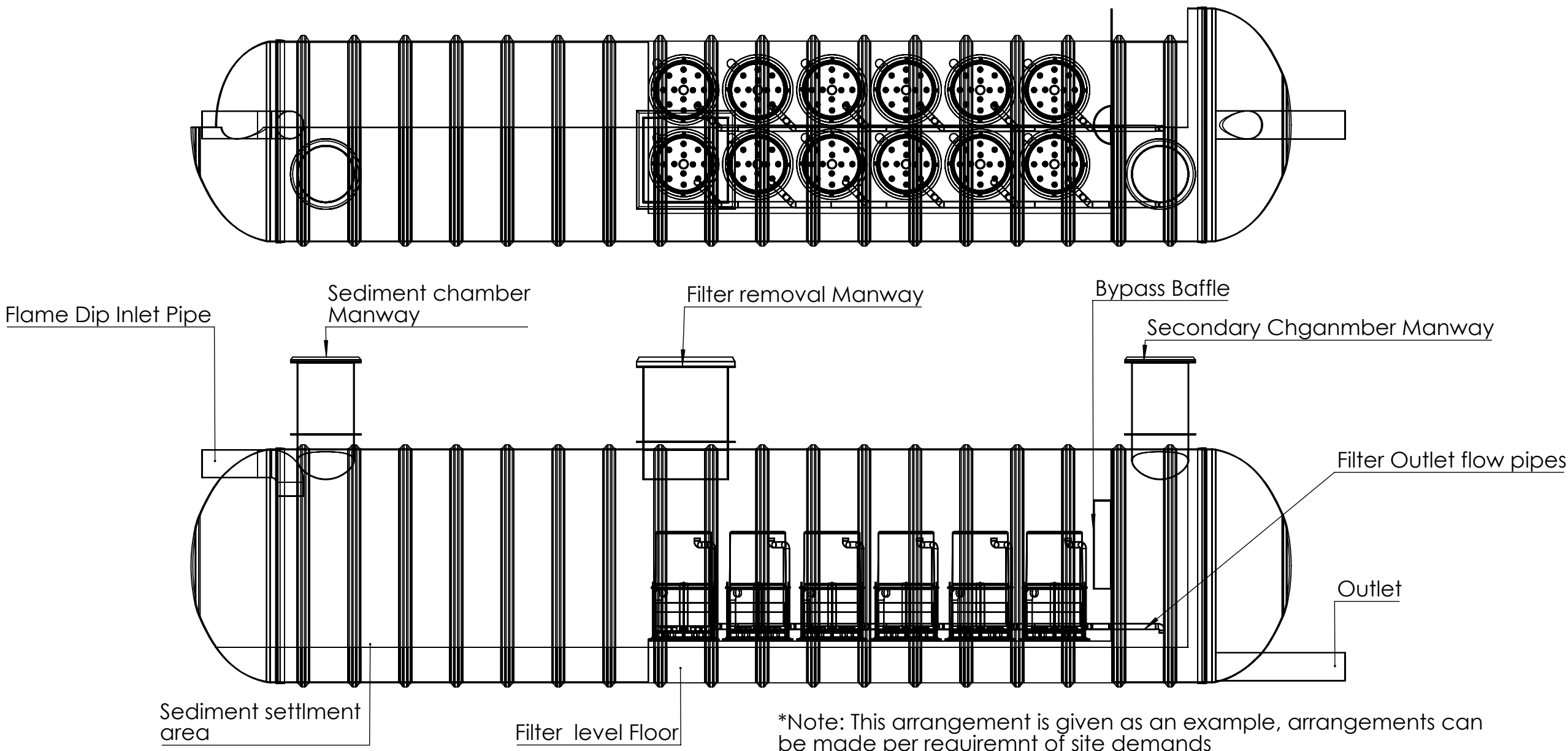
The Filter




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Configurational Range

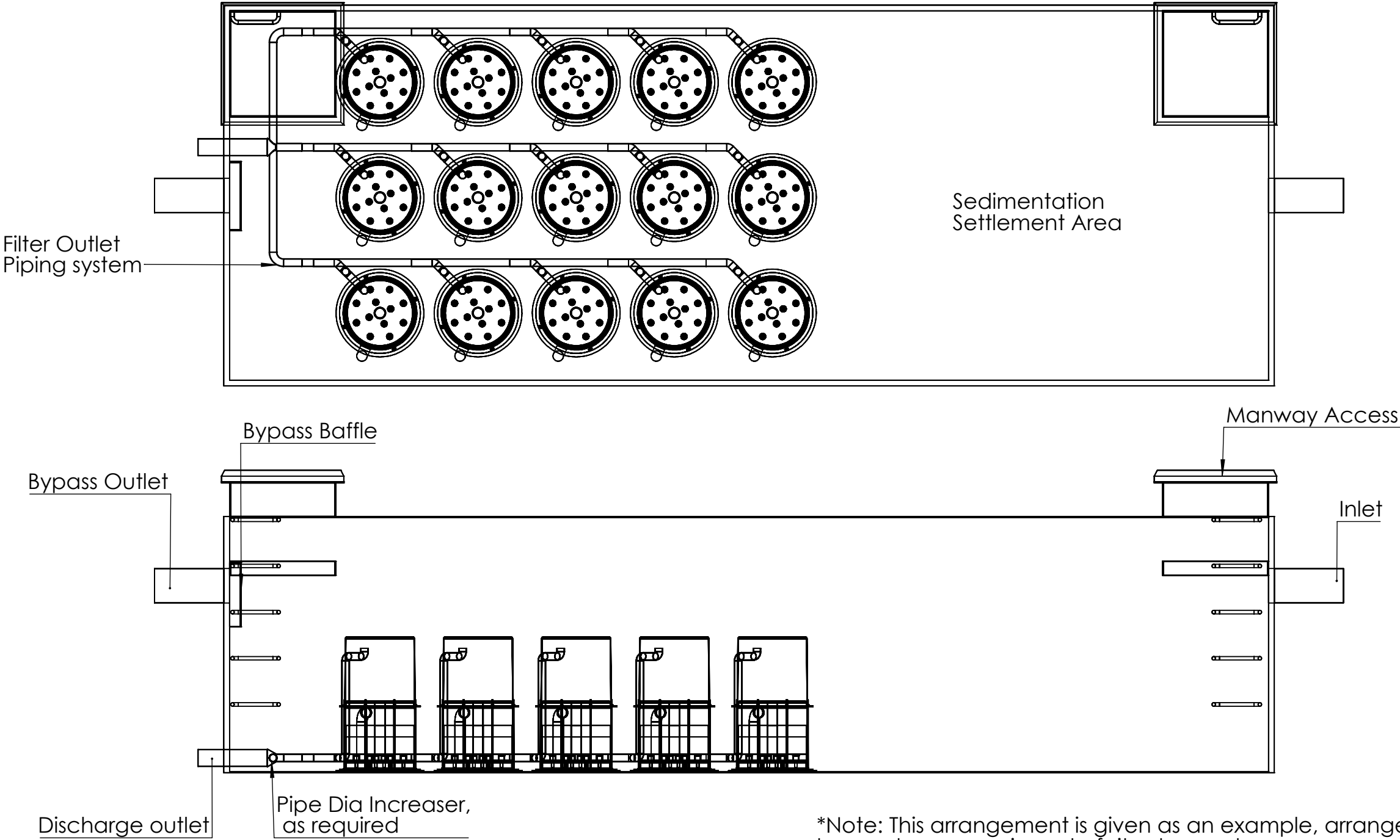
- FRP Tank




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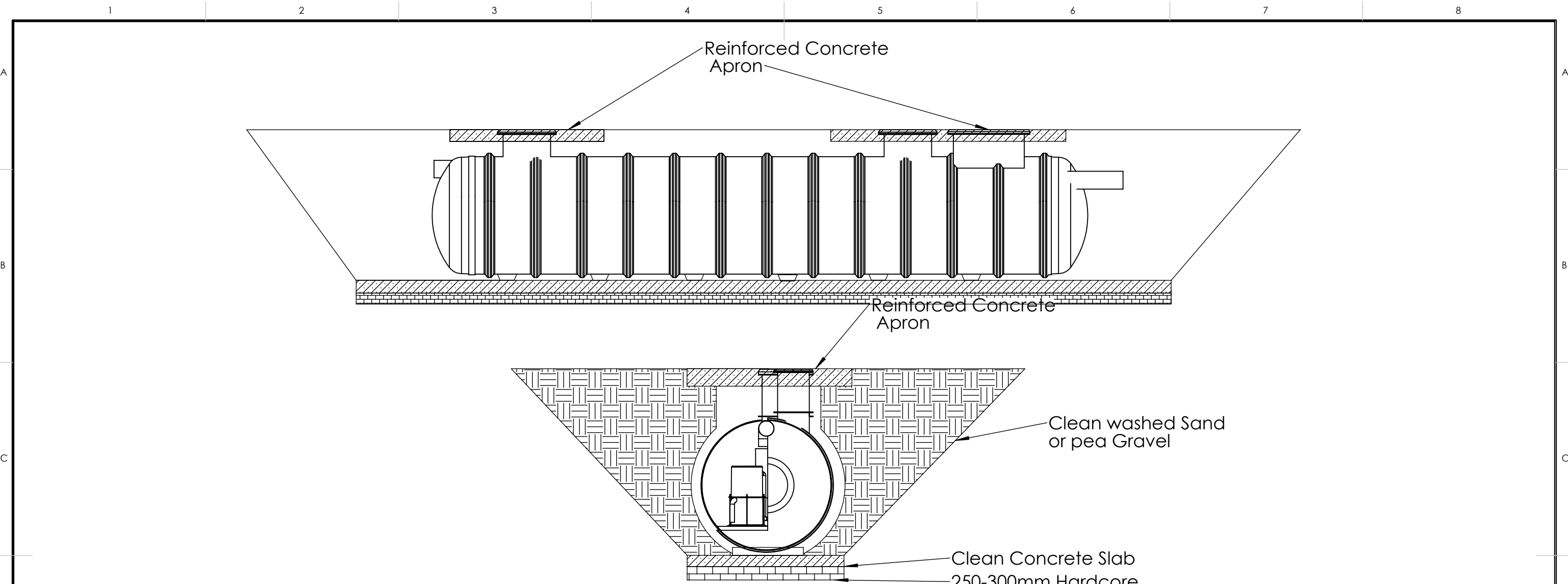
Configurational Range

- Concrete Casing Vault



*Note: This arrangement is given as an example, arrangements can be made per requiremnt of site demands

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INSTALLATION (FRP TANK)

The installation of the MaxiProtector follows a simple process. A complete installation hand book is supplied to ensure the installation goes smoothly and to plan. The guide provides advice for lifting, OHS measures, handling techniques and other important requirements

1. Excavate an area for positioning with suitable easy placing of the tank and filling as well as for consolidating concrete for backfilling.
2. Lifting and handling of the system must use appropriate processes. More details can be found in the Manual. All lifting apparatus (cables, straps, chains etc.) must be provided by a contractor.
3. Installation can be conducted with or without appropriately designed feet for the product, each with their own following installation instruction details found in the Installation Manual.
4. The system can be secured in several ways including Pea gravel and concrete surrounds, stabilised sand surroundings, concrete base and concrete surround, pea gravel backfill, mechanical anchoring etc. All have been clearly outlined in the installation manual provide by Protector.
5. Allow for protection of inlets/discharge points/vents to be supervised by contractor. Connect each suitably designed fitting with the desired location for completion.

Dont hesitate to contact us for any more information on installation of concrete casing or anything else.

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