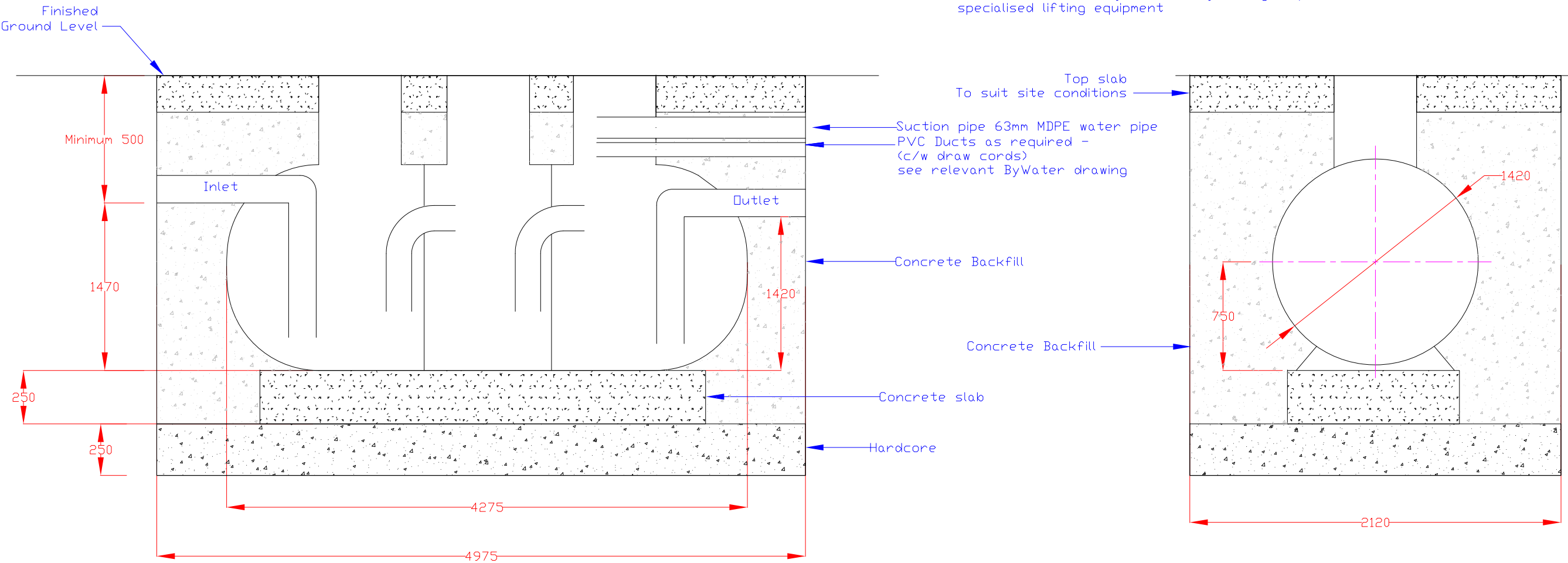


IMPORTANT:
Due to manufacturers tolerances and design changes that may take place, the actual dimensions as shown should be checked against the actual unit being installed ahead of laying the foundation slab. Whilst the dimensions as shown on this drawing are believed to be correct, they can not be guaranteed and should only be used as a guide for excavation purposes"

NOTES:
The tank must not be subject to any impacts or contact with sharp objects
Do not lift with chains - use web slings only
Inlet and out let sizes 110mm (standard) or 160mm by request
vents (if fitted) can be capped off

Components within this tank require regular maintenance. Therefore manhole covers MUST be easily removed by a single operator without the use of specialised lifting equipment



Please read these intructions carefully before commencing with installation

- 1.Check tank for any damage - Do not commence work if tank is damaged
- 2.Install the sump tank as close to the vehicle wash as is practically possible
- 3.Excavate a hole 4975mm x 2120mm x Depth of inlet invert plus 1970mm
- 4.Trench and lay pipe work to ByWater layout drawing as specified
- 5.Lay a concrete slab 4275mm x 1420mm x 250mm deep in the bottom of the excavation onto a layer of hardcore 250mm deep. The surface of the slab must be flat, level and smooth.
- 6.Ensure the tank orientation is correct and set the tank in the hole, aligning the inlet and outlet pipes as required
- 7.Secure the tank in postion using struts to avoid any movement during the backfilling process
- 8.Fill each chamber of the tank with fresh water to a level of 300mm from the concrete base. Then backfill the excavation with concrete to a level of 250mm from the concrete base
- 9.Add 200mm of water followed by 200mm of backfill which can be done simultaneously until backfill is just below outlet of tank (leaving room to make connections)

- 10.Make the inlet and outlet connections and insert the suction pipe (63mm MDPE) and cable duct (50mm PVC) through the turret of the third (last) chamber to a length of 300mm.
Suction Pipe - Ensure a constant fall is maintained to avoid airlocking the suction pipe. The suction pipe and cable duct must enter the turret no lower than 500mm below finished ground level.
Note: a single length of suction pipe should be used to minimise the chance of leaks from joints
Inlet Pipe - A constant fall of 1 in 70 is required to prevent the pipe from becoming blocked with silt during use.
Keep bends and fittings to a minimum to minimise the possibility of leaks
All MDPE/Alkathene pipes are to be run in a single length without joints

- 11.Pressure test the suction pipe to 3 bar to ensure no leaks prior to backfilling the trenches
12. Fill the sump tank to the normal working level and let stand for 24hrs. If no water loss occurs backfill the remainder of the excavation leaving the water in the tank to prevent distortion

- 13.The top slab should bear on a suitable foundation and the tank lids must bear weight on the slab not the tank turrets.