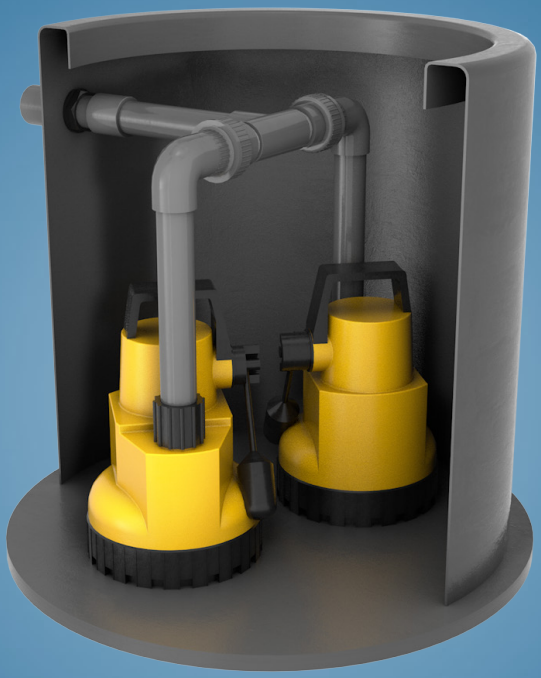
AQUATANK PUMP STATION



DIRECTPUMPSANDTANKS.CO.UK

AQUQTANK PUMP STATION APPLICATIONS

Suitable for surface water and basement dewatering installations. the AquaTank is ideally suited to domestic and commercial applications.

- Basement Conversions
- Surface Water Applications
- Treatment Plants
- Effluent Applications

AQUATANK PUMP STATION

PRODUCT OVERVIEW

The AquaTank is compact, automatic pumping solution designed for the collection and transfer of surface water and groundwater where gravity-fed drainage is impractical or cost-prohibitive.

With a storage of up to 1700 litres, the AquaTank system can come in either single or dual pump arrangement with three pump options to choose from depending on project requirements.

The AquaTank is delivered as a complete package , including all internal pipework and drainage pump(s).

The system has been designed to pump through 32mm discharge pipework to your outfall.

Each chamber is built from tank-grade HDPE to ensure a durable and hard wearing finish.



SYSTEM FEATURES

- Tank-grade HDPE chamber
- Single or dual pumps with non-return valve
- Pedestrian rated access cover and frame
- All internal pipework and internal fittings
- Flanged and ribbed chambers for durability
- Adjustable fixed float arm
- Easy to install and setup.

ADDITIONAL COMPONENTS

The AquaTank Pump Station can be paired with a range of optional components, these are:-

- Additional pipework and connectors
- High-level alarm
- Battery backup systems
- Telemetry solutions
- Heavy duty access covers

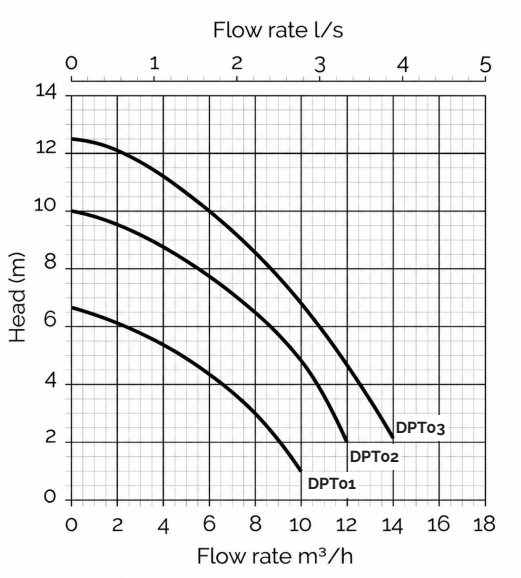
CHAMBER SPECIFICATIONS

Chamber Dimensions & Capacity			Access Cover Details	
Diameter	**Height**	**Capacity**	**Diameter**	**Rating**
610mm	635mm	190 Litres	450mm	Pedestrian
610mm	1000mm	300 Litres	450mm	Pedestrian
610mm	1500mm	450 Litres	450mm	Pedestrian
610mm	2000mm	600Litres	450mm	Pedestrian
1000mm	1000mm	800L	600 X 600mm	Pedestrian
1000mm	1500mm	1200L	600 X 600mm	Pedestrian
1000mm	2000mm	1700L	600 X 600mm	Pedestrian

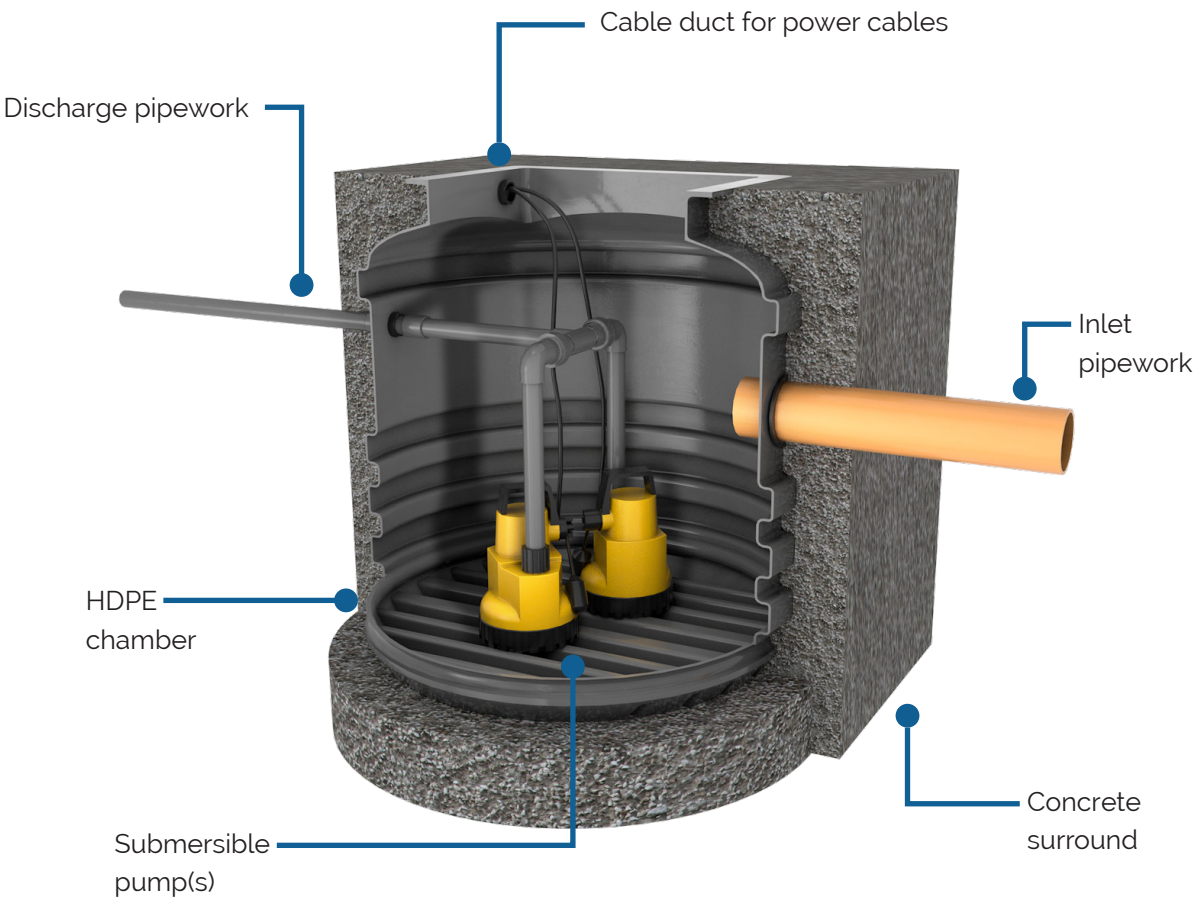
PUMP CURVES

Model Ref	DPT01	DPT02	DPT03
Impeller Type	Vortex	Vortex	Vortex
Power Supply	230 ~ 1ph ~ 50Hz		
Rated Power	0.43kW	0.75kW	1.0kW
Rated Current	1.9A	4.0A	4.9A
Max Head	6 Meters	9 Meters	12.5 Meters
Max Flow Rate	2.75 l/s	3.8 l/s	4.0 l/s
Cable Length	10 Meters	10 Meters	10 Meters
Free Passage	10mm	10mm	10mm
Pipework Size	32mm	32mm	32mm

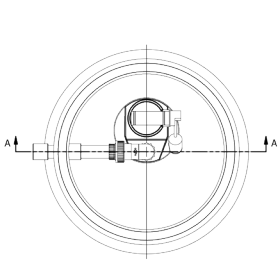
PUMP CURVES

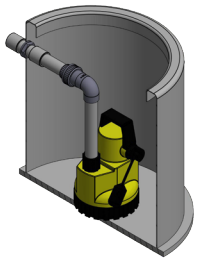


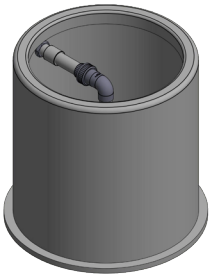
SYSTEM BREAKDOWN

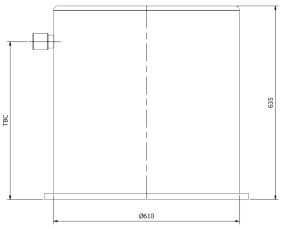


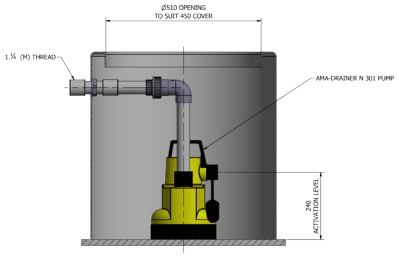
PRODUCT DRAWINGS (SINGLE PUMP)











SECTION A-A
SCALE 1:5

Rev	Date	Description

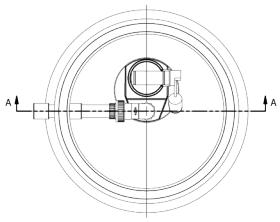
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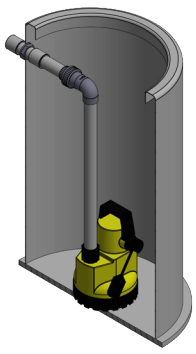
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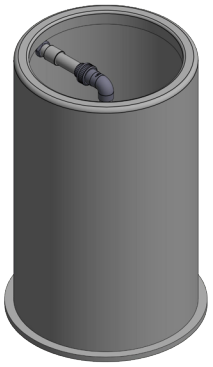
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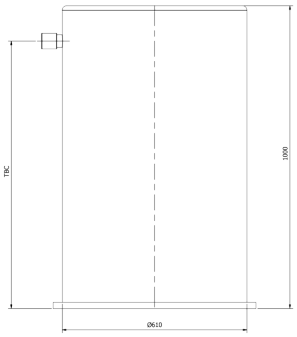
PRODUCT CODE	PRODUCT DESCRIPTION
AQUA190S	Single AQUA TANK

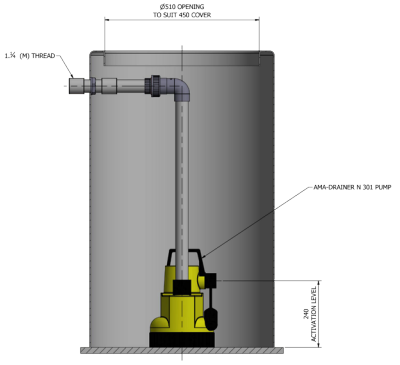
Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:5











SECTION A-A
SCALE 1:5

Rev	Date	Description

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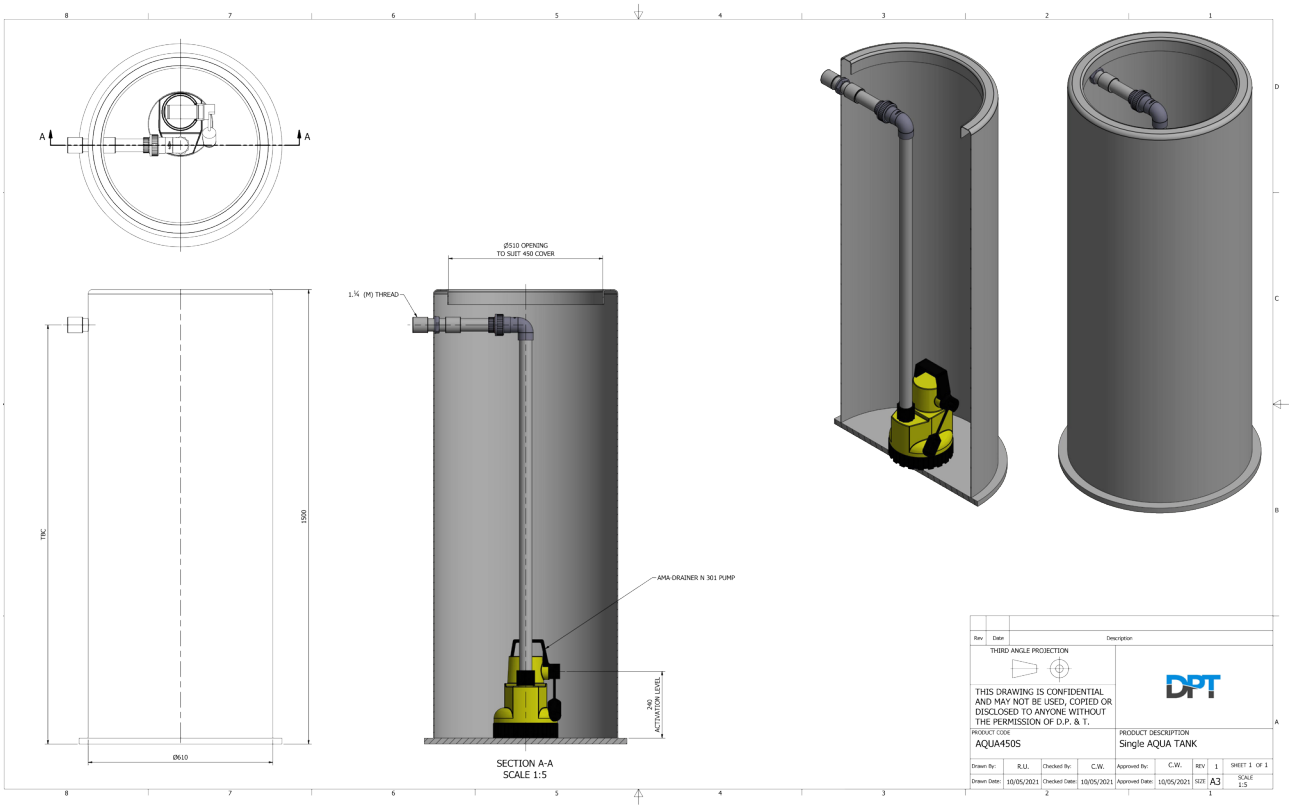
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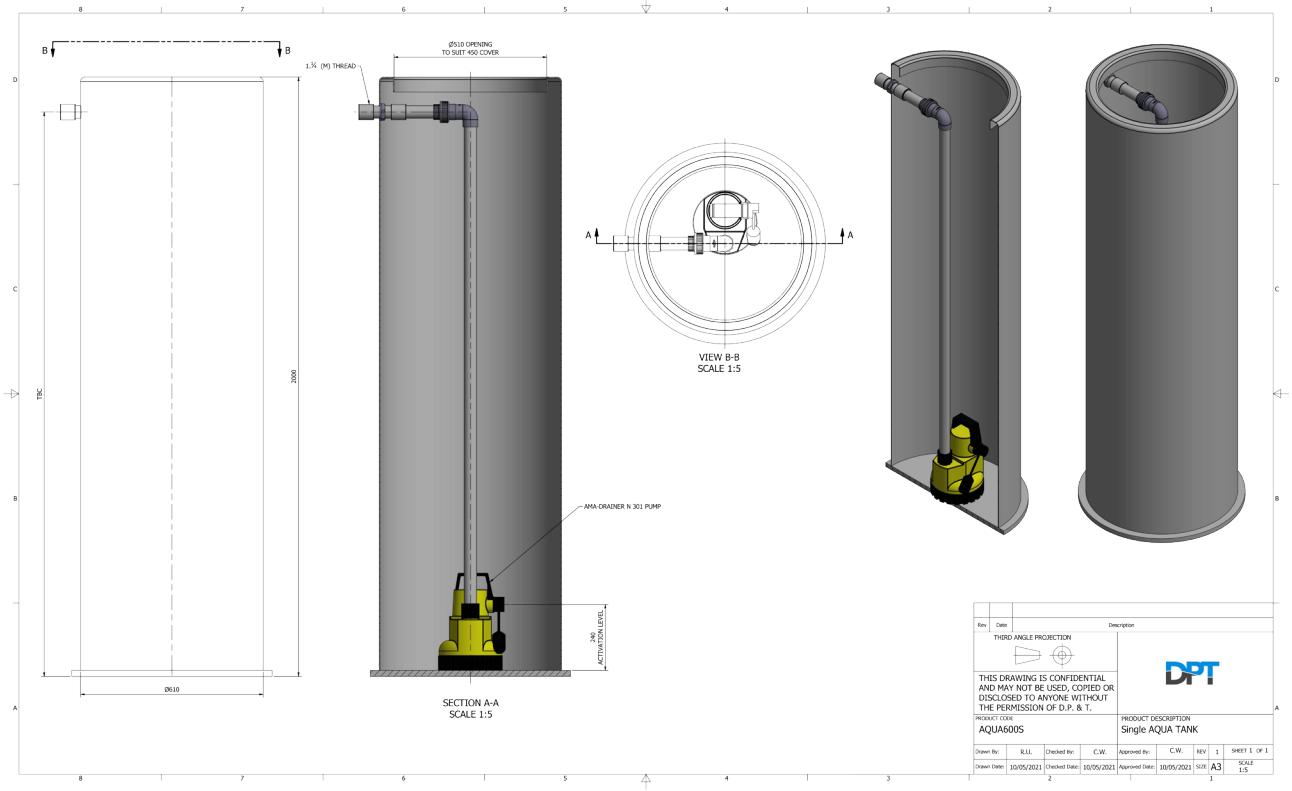
DPT

PRODUCT CODE	PRODUCT DESCRIPTION
AQUA300S	Single AQUA TANK

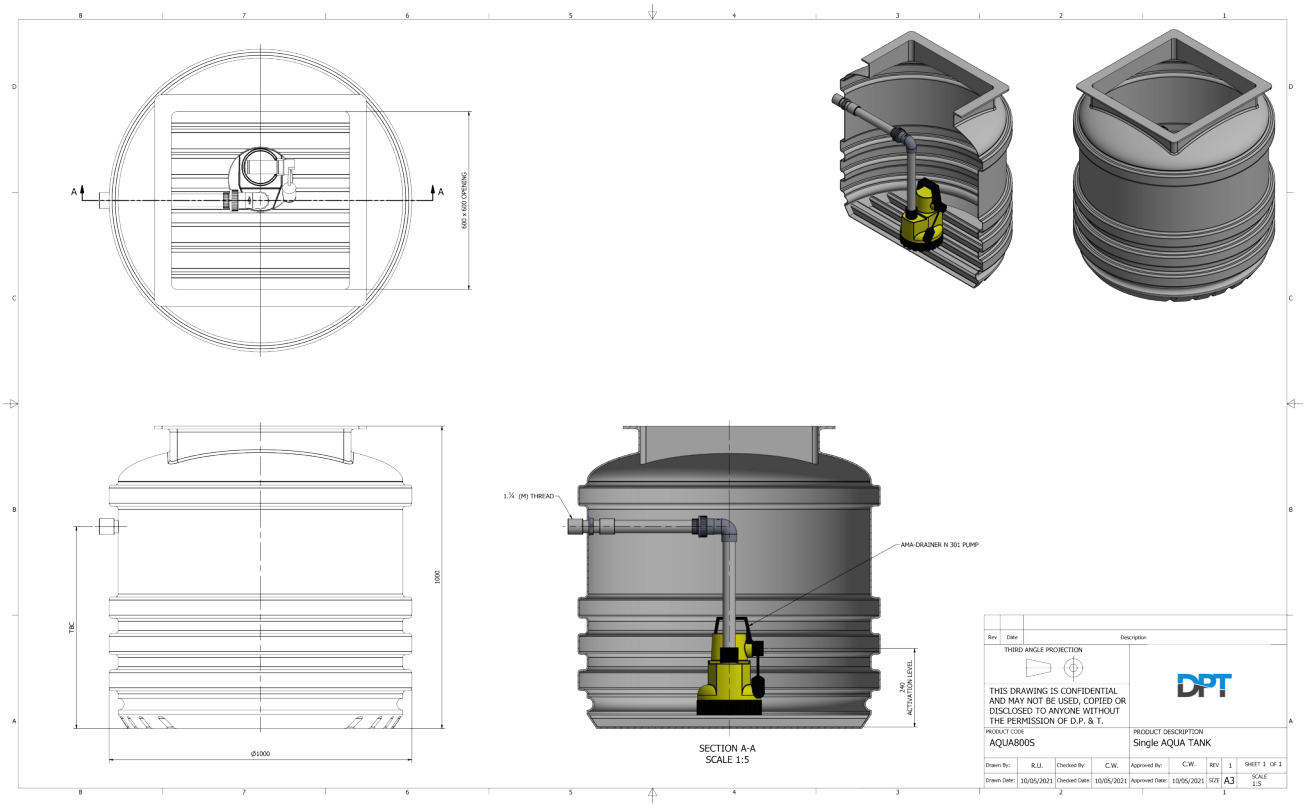
Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:5

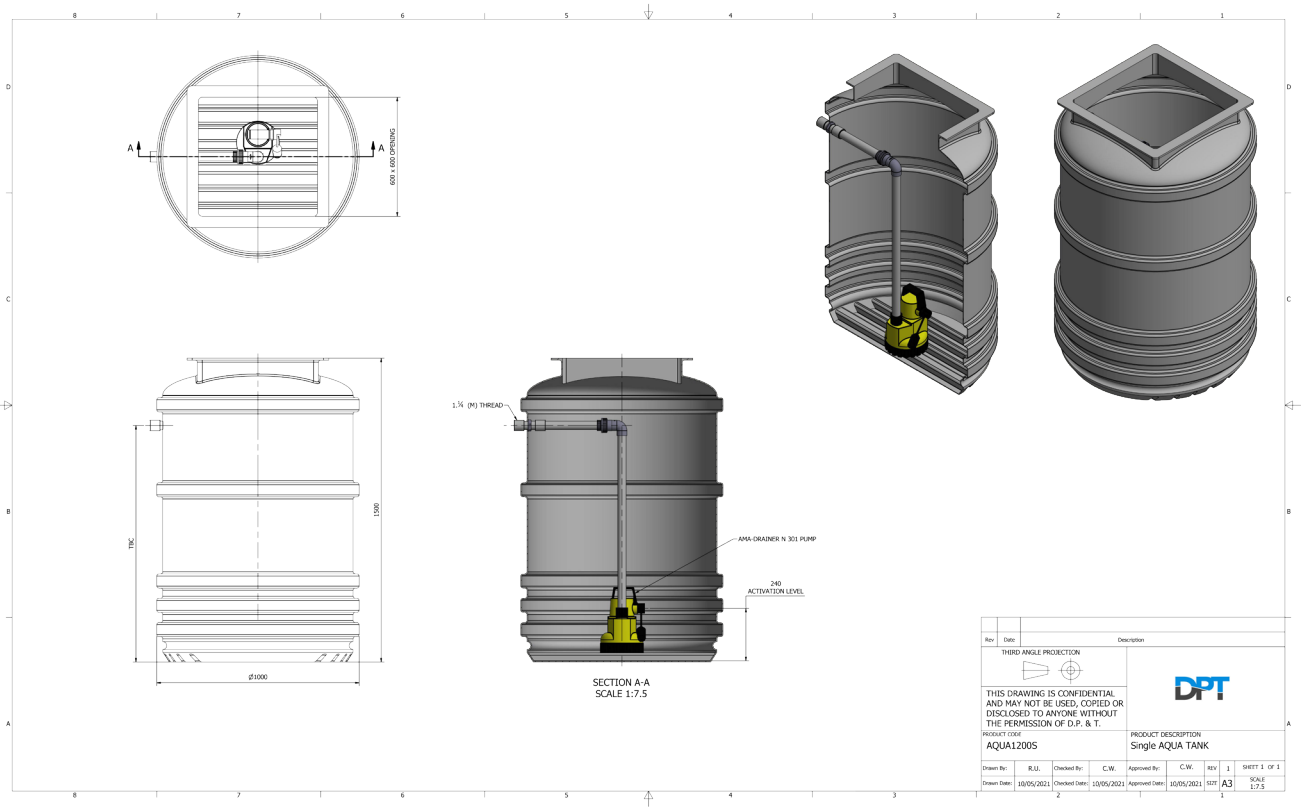
PRODUCT DRAWINGS (SINGLE PUMP)



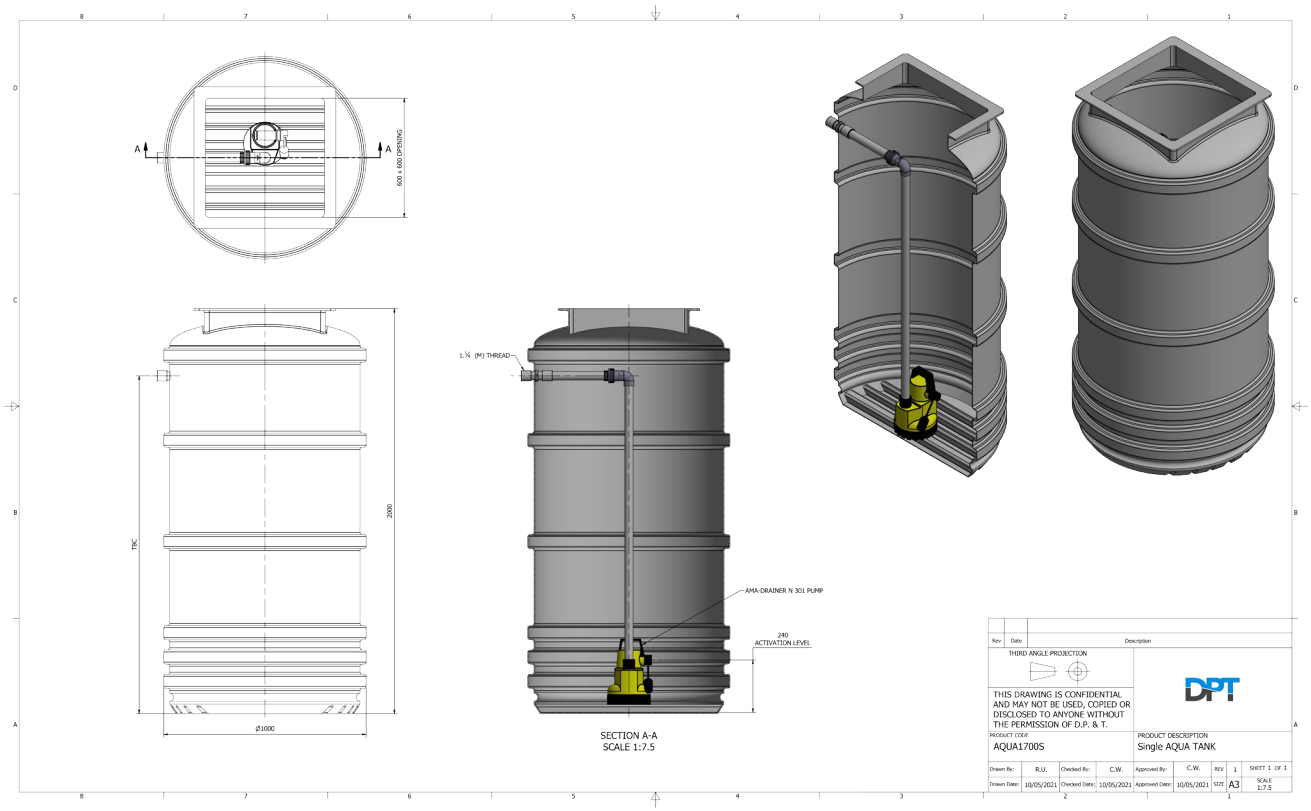


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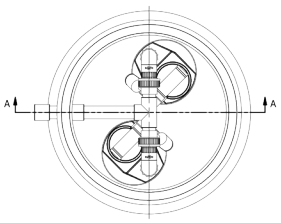


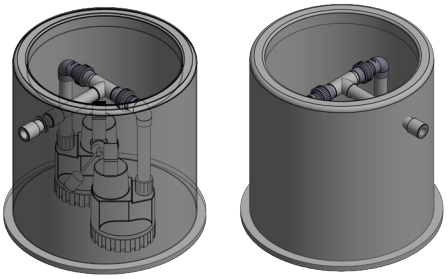


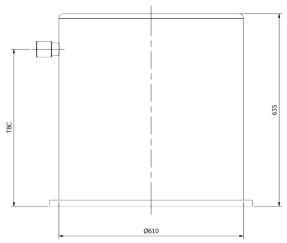
PRODUCT DRAWINGS (SINGLE PUMP)

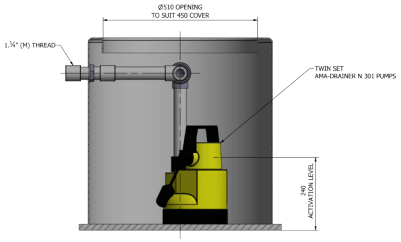


PRODUCT DRAWINGS (TWIN PUMP)









SECTION A-A
SCALE 1:5

Rev	Date	Description

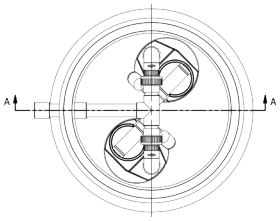
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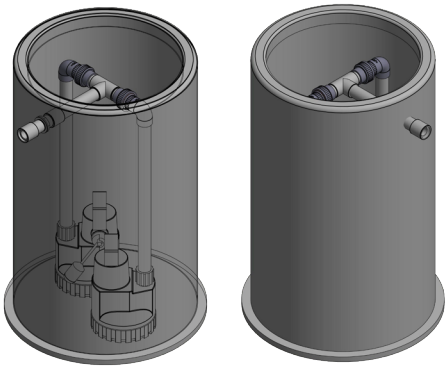
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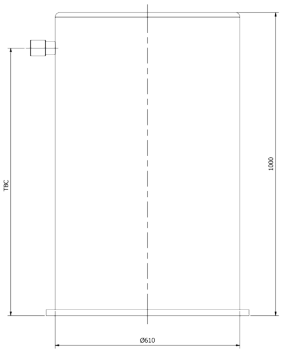
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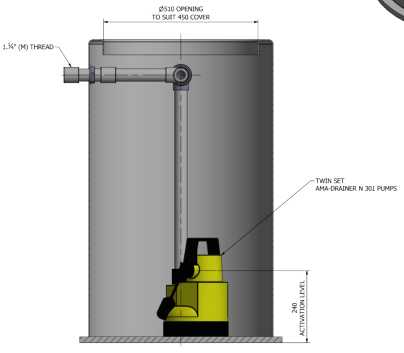
PRODUCT CODE	PRODUCT DESCRIPTION
AQUA190T	Twin AQUA TANK

Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:5









SECTION A-A
SCALE 1:5

Rev	Date	Description

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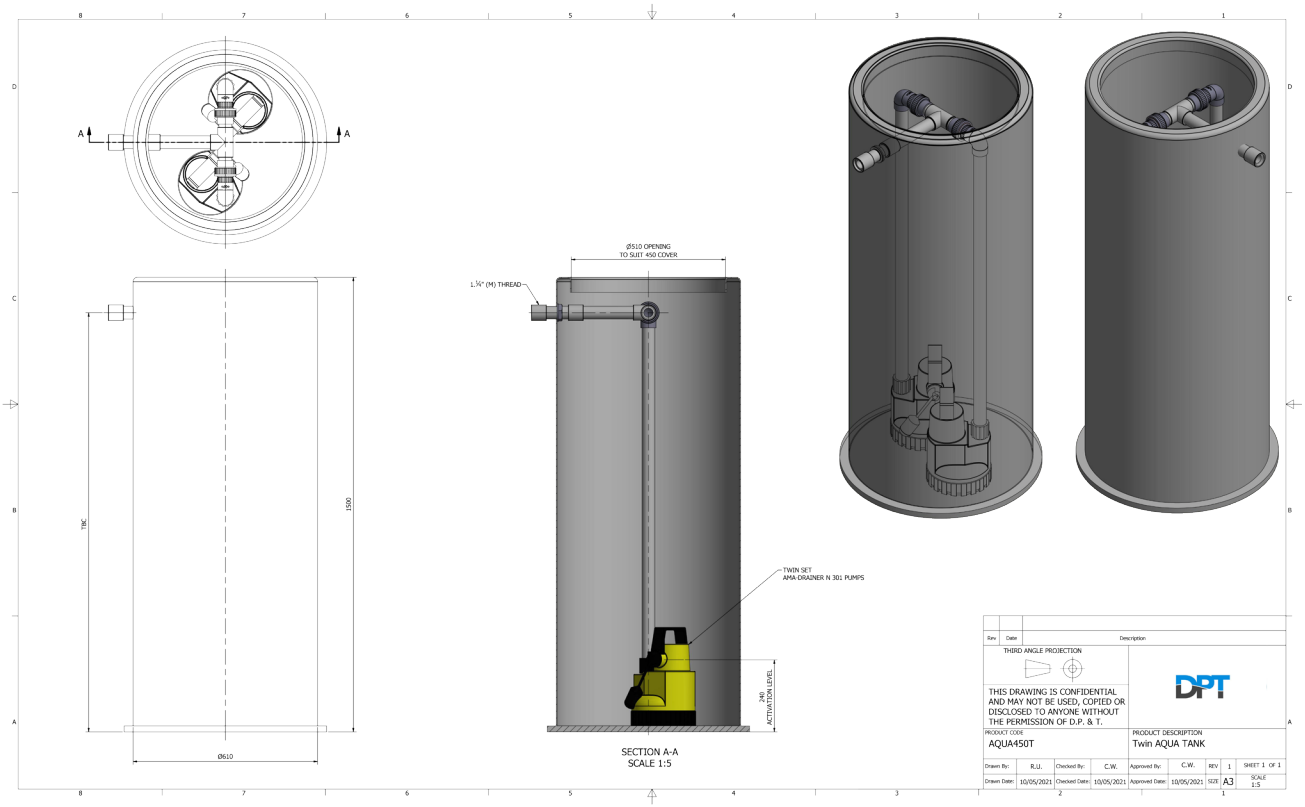
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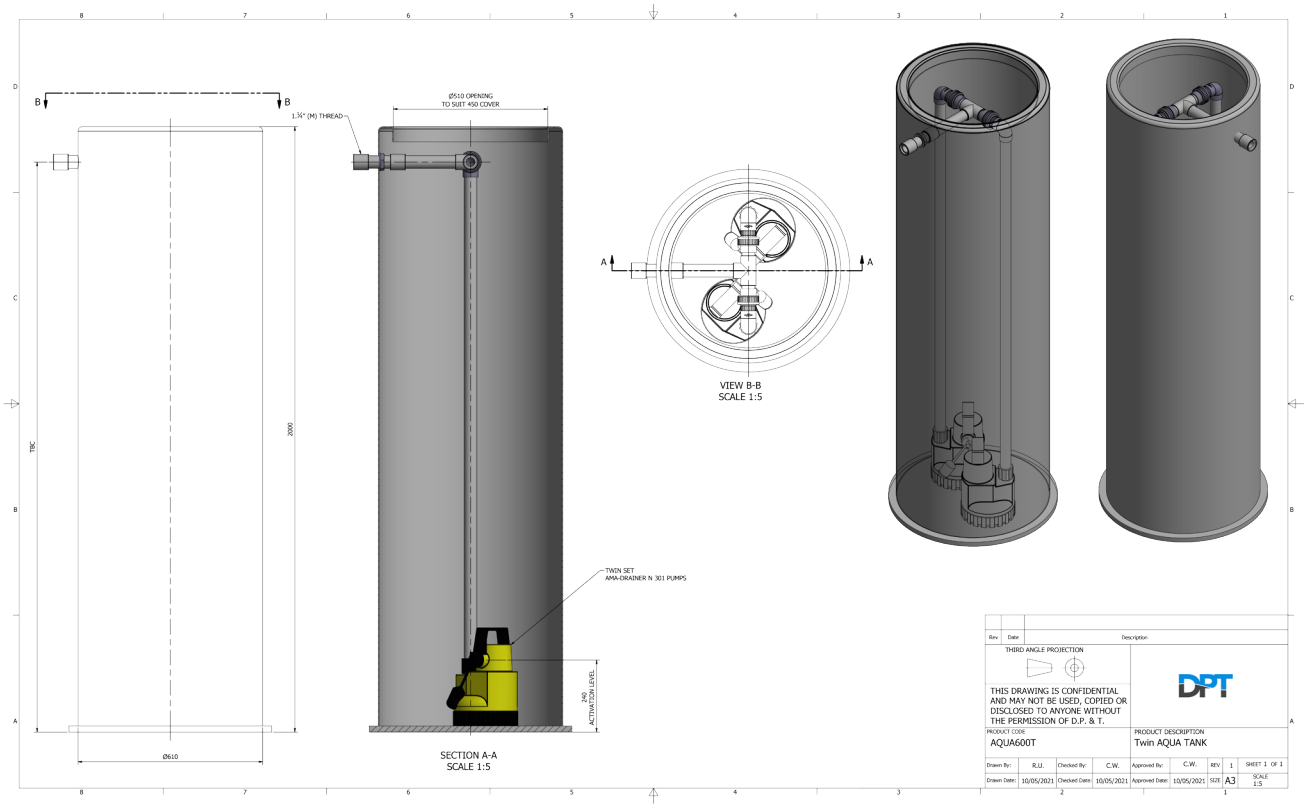
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PRODUCT CODE	PRODUCT DESCRIPTION
AQUA300T	Twin AQUA TANK

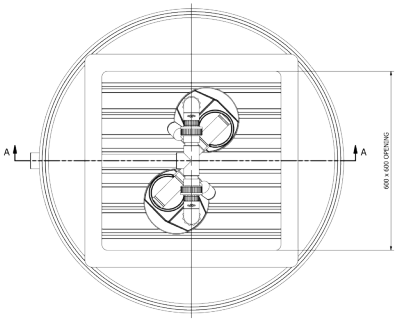
Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:5

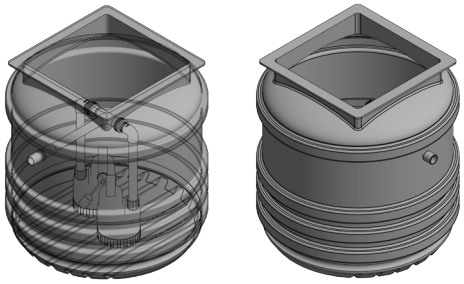
PRODUCT DRAWINGS (TWIN PUMP)

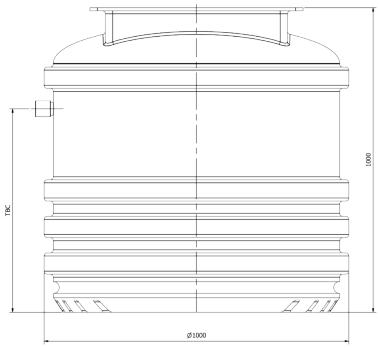


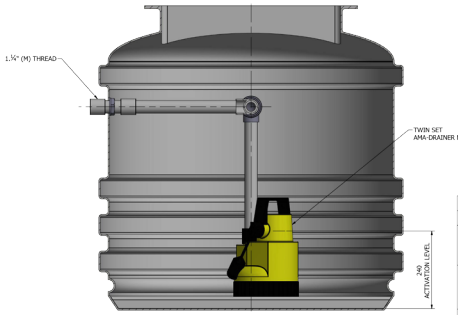


PRODUCT DRAWINGS (TWIN PUMP)









SECTION A-A
SCALE 1:5

Rev	Date	Description

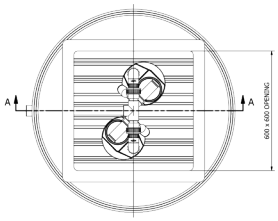
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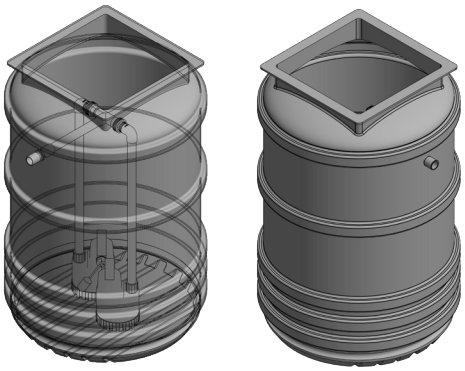
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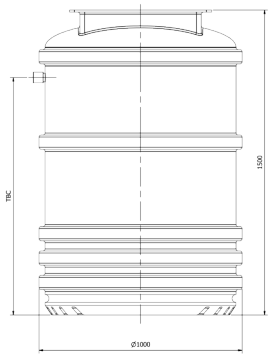
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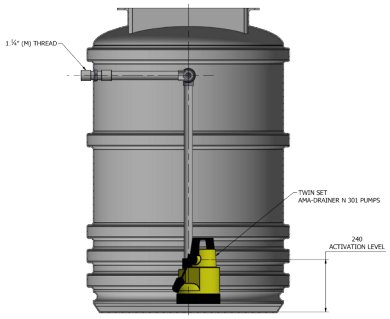
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AQUA800T	Twin AQUA TANK

Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:5









SECTION A-A
SCALE 1:7.5

Rev	Date	Description

THIRD ANGLE PROJECTION

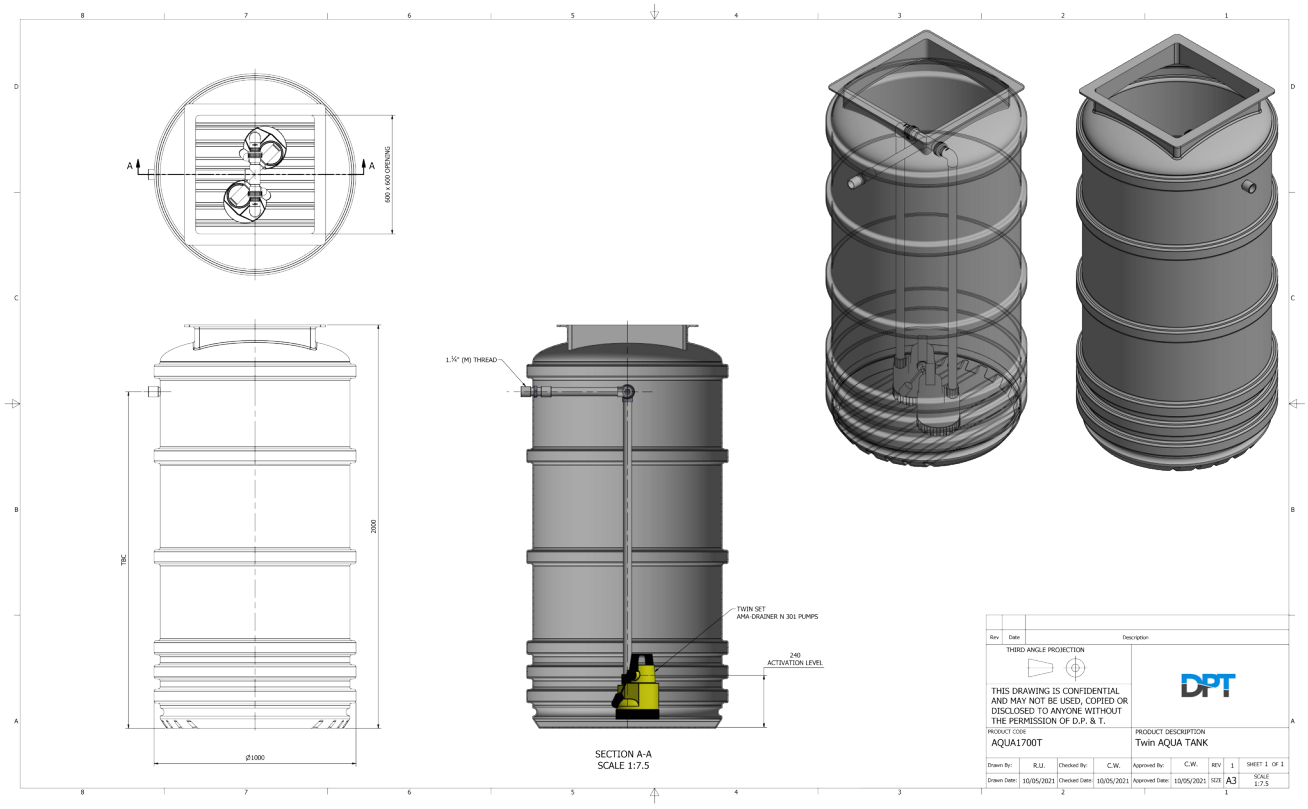
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DPT

PRODUCT CODE	PRODUCT DESCRIPTION
AQUA1200T	Twin AQUA TANK

Drawn By:	R.U.	Checked By:	C.W.	Approved By:	C.W.	REV	1	SHEET 1 OF 1
Drawn Date:	10/05/2021	Checked Date:	10/05/2021	Approved Date:	10/05/2021	SIZE	A3	SCALE 1:7.5

PRODUCT DRAWINGS (TWIN PUMP)



DPT

COMMISSIONING & SERVICING

Package pump stations require care and maintenance, that's why we offer unmatched support packages and commissioning to compliment your purchase.

- Commissioning
- Call outs
- Scheduled maintenance
- National coverage
- Service packages to suit requirements

WHY SERVICE YOUR PUMP STATION?

An active service agreement vastly reduces the risk of equipment failing by ensuring that your pump station is kept in working condition 24 hours a day.

Our team of highly experienced engineers can spot potential issues before they turn into a problem which could potentially damage your equipment which would lead to higher costs and disruption to your environment.

We'll always remind you when services are due and we'll make sure appointments are booked in well in advance to ensure our duty of care to the customer.

NATIONWIDE COVERAGE

We cover the vast majority of British Isles, this means we have engineers in place to get on-site quickly with the skills required to service your equipment.

All of our engineers are expertly trained and have a wide range of industry leading certifications, so you can be sure that any work is undertaken by a registered professional. Each engineer carries a wide range of tools and replacements to get your system up and running as fast as possible, irrespective of your location.



WHY CHOOSE A SERVICE AGREEMENT?

An active service agreement vastly reduces the risk of equipment failing by ensuring that your pump station is kept in working condition 24 hours a day.

Our team of highly experienced engineers can spot potential issues before they turn into a problem which could potentially damage your equipment which would lead to higher costs and disruption to your environment.

We'll always remind you when services are due and we'll make sure appointments are booked in well in advance to ensure our duty of care to the customer.

COMMISSIONING

It is highly advised to have your new pump station commissioned by a DPT engineer to guarantee the installation has been done correctly. During the commissioning visit a DPT engineer will carry out the following tasks:-

- Installation of pump
- Installation of High-level alarm if ordered
- Electrical connections of pump
- System cycle and test
- Evaluation of installation
- Commissioning certificate upon completion



PLANNED MAINTENANCE

Regular maintenance of your pump station is vital to ensure a long life, it is recommended that you have a yearly service of your pump station.

Each service will incorporate the following checks and adjustments:-

- A detailed inspection of mechanical components
- Full control system functionality check
- System adjustments where needed
- Visual inspection for leaks and operational issues
- Small remedial works where needed
- A full service report detailing all work

PRODUCT WARRANTY

DPT offers a full 1 year warranty on our products for a period of 12 months from the date of invoice.

Upon arrival, your pump station will come with a warranty card outlining all terms and conditions.

Extended warranties are available through the service packages we can provide,

AVOIDING ISSUES

Sewage pump stations are designed to handle foul water, natural human waste, tissue paper, and other biodegradable items. Other household waste should never be disposed of through the pump station.

Disposal of non-biodegradable items will affect the reliability of all pump stations, causing pumps to block and the storage chamber to become blocked with waste.

Failure to follow these guidelines may result and damaged equipment which would invalidate your warranty.

ITEMS TO AVOID

- Sanitary products and incontinence materials
- Nappies and baby wipes
- Condoms
- Bandages and plasters
- Cleaning rags, cloths, and clothing
- Ear cleaning buds and facial pads
- Cooking oils



CONTACT DPT

If you would like to know more about this product, the services we offer, or have any questions, please contact us:-

SALES TEAM
0115 9444474 (Option 1)
enquiries@dpandt.co.uk

SERVICE TEAM
0115 9444474 (Option 3)
office@dpandtservices.co.uk

www.directpumpsandtanks.co.uk

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