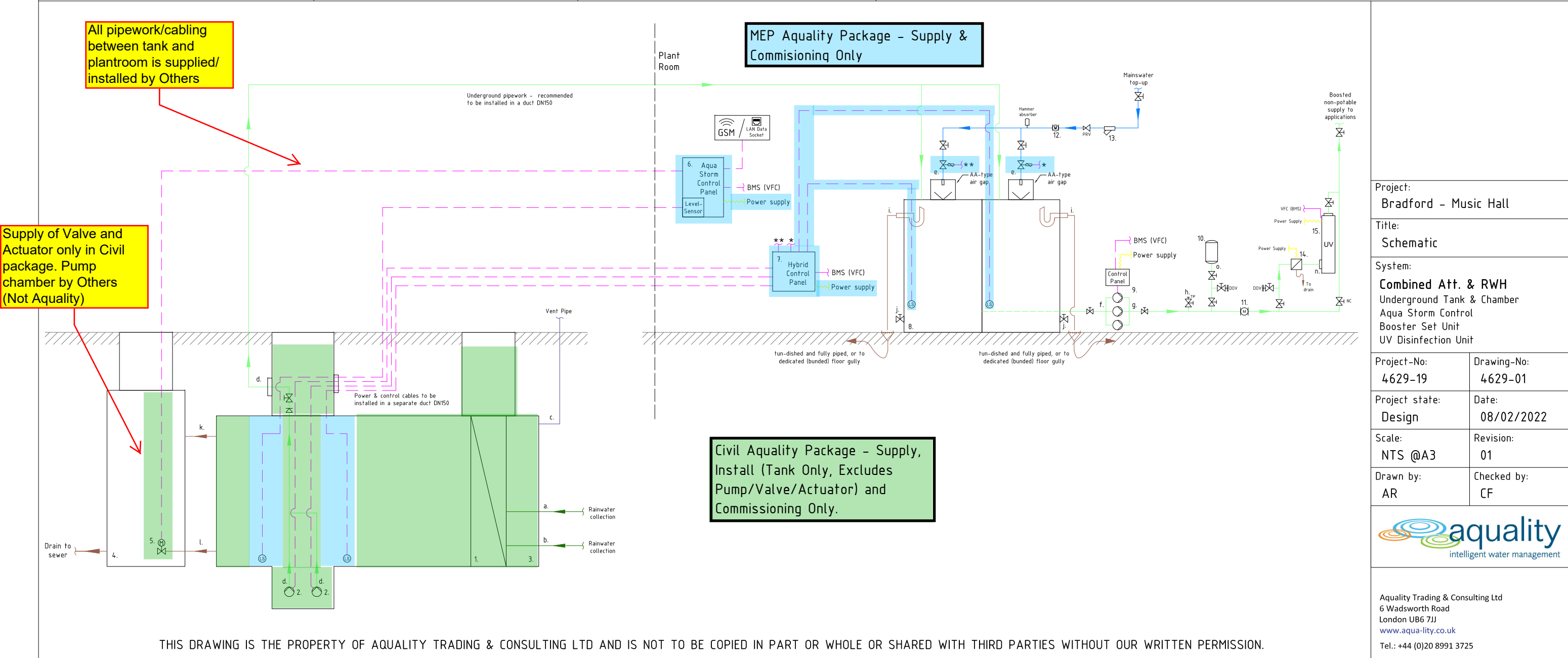


Key			Components		Connections			Combined Attenuation & Rainwater Harvesting System
	Pipes	Mains Potable Water	1	Rainwater Filter Chamber	a	DN375	Rainwater Inlet all other events	Type: Combined Attenuation & Rainwater harvesting system with Booster set and accessories Attenuation storage volume: 288.75m³ Gross Volume Programmable and fully-automatic: Stagnation prevention for mains water pipework and non-potable water storage tank, basement safety valve. Electrical Supply Requirements: - Hybrid Control Panel: 400V / 3ph / 50Hz / 24A - Triple Booster Pump Set + Controls: 400V / 3ph / 50Hz / 63.6A - Aqua Storm Control: TBC - UV Disinfection System: 230V / 1ph / 50Hz / 360W - Automatic Backwash Filter: 230V / 1ph / 50Hz (fused power supply) BMS Outputs: - 1 x General Fault – VFC – Hybrid Control Panel - 1 x General Fault – VFC – Booster Set - 1 x General Fault – VFC – ASC Unit - 1 x General Fault – VFC – UV Disinfection System Dimension of largest tank: XX (l) x XX (w) x XX (h) mm Empty weight total plant: TBA Empty weight heaviest component: TBA Standard cable length from control panel to tank: 10m Air ventilation of relevant non-potable water storage tanks must be provided via ventilation pipes. Frost protection and air ventilation of the plant location must be guaranteed. Rainwater collection pipes, drainage pipes for overflows from tanks and filters, non-potable water distribution pipe work, mains water pipes, cables for power supplies, BMS or other interfaces outside or below slab of the plant room of the water reclamation system and drainage facilities for Aqua-Control and sludge removal (where required with back flow prevention or sump pump) are not included in the scope of supply of Aquality Trading & Consulting Ltd. These are to be provided by others. All Rainwater inlets or overflows to downstream drainage are recommended to be fully piped to prevent potential water damage or aesthetic discomfort. All emergency overflows should be visible via tun-dish or banded floor drain point to indicate a potential malfunction. No liability for printing errors. We reserve the right to make technical changes. All transactions are subject to our general terms and conditions. Please contact our office for further information.
	Pipes	Rainwater	2	Subermersible Transfer pump	b	DN300	Rainwater Inlet 1:1 year event	
	Pipes	Raw Greywater	3	Underground Attenuation Tank	c	DN100	Tank Ventilation	
	Pipes	Drainage	4	Control Valve Chamber	d	4” (TBC)	Manifold Outlet	
	Pipes	Reclaimed Water	5	Aqua Storm Control Valve DN250	e	3”	Mains Water Top-up Valve	
	Pipes	Drainage	6	Aqua Storm Control Panel	f	DN100	Booster Set Suction	
	Pipes	Reclaimed Water	7	Hybrid Control Panel	g	DN100	Booster Set Discharge	
	Pipes	Tank Interconnection	8	NPW Tank 30m³	h	1”	Test Point	
	Pipes	Backflow	9	Triple Booster Set	i	DN100	Emergency Tank Overflow	
	Pipes	Ventilation	10	Exansion Vessel	j	1” TBC	Tank Drain Point	
	Pipes	Flex Tubes	11	Reclaimed Water Meter	k	DN100	Attenuation Tank Overflow	
	Pipes	Control	12	Mains Water Meter	l	DN250	Attenuation Tank Outlet	
	Cables	Ventilation	13	Y type Strainer	m	3”	Submersible Transfer Pump Outlet	
	Cables	Flex Tubes	14	50 µm Automatic (timer) Backwash Filter	n	DN100	UV Connection	
	Cables	Control	15	UV Disinfection	o	1”	Pressure Veseel	



Project: Bradford - Music Hall	
Title: Schematic	
System: Combined Att. & RWH Underground Tank & Chamber Aqua Storm Control Booster Set Unit UV Disinfection Unit	
Project-No: 4629-19	Drawing-No: 4629-01
Project state: Design	Date: 08/02/2022
Scale: NTS @A3	Revision: 01
Drawn by: AR	Checked by: CF
	
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