

PLUMBING & DRAINAGE SYSTEMS

Client: Bedford College
Site: Shuttleworth College
Project: HoR Fit Out
Reference: 02-15 SPC-M-03
Revision: T00
Date: November 6, 2023

ID Tag	Description	Make	Model & Additional Information
BMT-01	Basin Mixer Tap	Ideal Standard	BC186; Ceraline basin mixer; Clicker waste; 5.0L/min at 3.0 bar
SMT-01	Sink Mixer Tap	Ideal Standard	B2136; Calista 1 hole single lever kitchen sink mixer
TCV-01	Thermal Circulation Valve	Hattersley	Fig. 2900; DN15: With thermometer
TCV-02	Thermal Circulation Valve	Hattersley	Fig. 2900; DN20: With thermometer
TMV-01	Thermostatic Mixing Valve	Honeywell	TM200VP-3/4ZC; DN15; 4 in 1 isolators
-	Insulation	Kingspan	Kooltherm FM; Refer insulation thickness table
-	Insulation Jacketing General Spaces	ProTech	ProClad Plus 350W Cladding with ProClad Pre-formed Silver (Alu) Fittings and ProClad 4-Ply Silver Tape at Joints & Seams
-	Insulation Jacketing Plant & Equipment Spaces	ProTech	ProClad Plus 350EMB Cladding with ProClad Pre-formed Silver (Alu) Fittings and ProClad 4-Ply Silver Tape at Joints & Seams
-	Insulation Jacketing - Exterior	ProTech	ProClad Plus 350EMB Cladding with ProClad Pre-formed Silver (Alu) Fittings and ProClad 4-Ply Silver Tape at Joints & Seams
-	Commissioning Set DN15-50	Hattersley	Fig. 1732
-	Isolation Valve DN15-50	Hattersley	Fig. 100 uninsulated pipes; Fig 100.EXT insulated pipes
-	Non-Return Valve DN15-50	Hattersley	Fig. 3047W
-	Strainer DN15-50	Hattersley	Fig. 817
-	Pipe & Fittings BCWS MCWS HWS Above Ground	Geberit	Mapress Stainless Steel - Standard with Seal Rim CIIR (Black)
-	Pipe & Fittings BCWS MCWS Below Ground	GPS	Protecta-Line PE100 SDR11 Fittings: Protecta-Line Mechanical Compression or Frialen Electrofusion
-	Pipe & Fittings Condensate Drains	By Submittal	PN10 EN ISO 1452-2:2009 PVC Pipe & EN ISO 1452-3:2009 Solvent Weld Fittings
-	Pipe & Fittings Waste DN32-50	Wavin	Osma Solvent Weld Waste: ABS; Unless indicated otherwise

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	Pipe & Fittings Chemical Resistant Waste	Durapipe	Vulcathene; Pipe & mechanical fittings
-	Pipe & Fittings Soil & Vent DN80-150	Wavin	OsmaSoil; PVC-U; Ring-seal; Unless indicated otherwise
-	Fittings WC Manifolds	Wavin	Osma Compact; S/SW Manifold Branches; 4S6XXW
-	Fittings Waste Traps Etc.	Wavin	OsmaWaste
-	Pipe Supports - Insulated Pipe	Kingspan	Insulated Pipe Supports, 80kg/m ³ , Thickness to Suit Insulation with BOSS 2-Piece Unlined Clip 19300XXX
-	Trace Heating System	ESH	Fixed Resistance VC Heating Tape, STC Thermostats, VC Termination Kits & IP66 Junction Boxes

ALTERNATIVE PRODUCTS BY SUBMISSION ONLY

Refer drawings for quantities