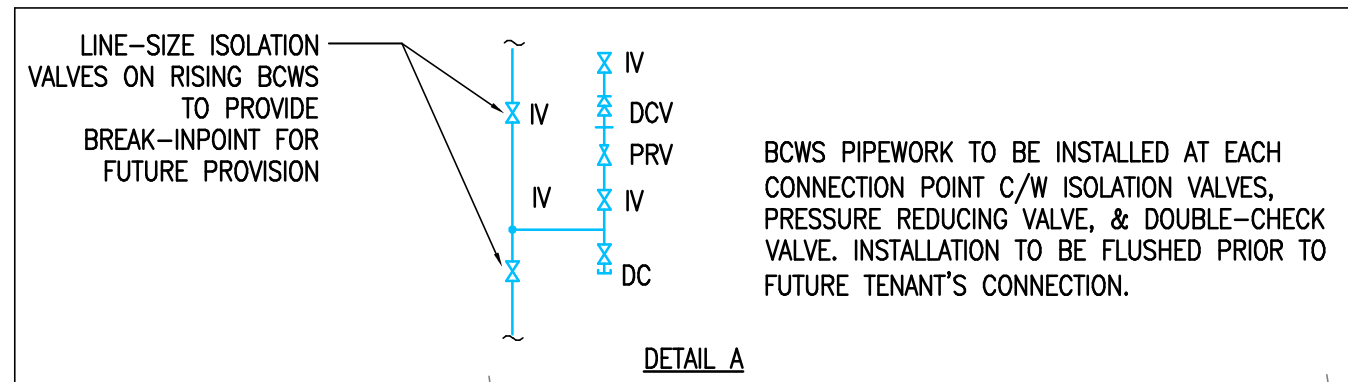
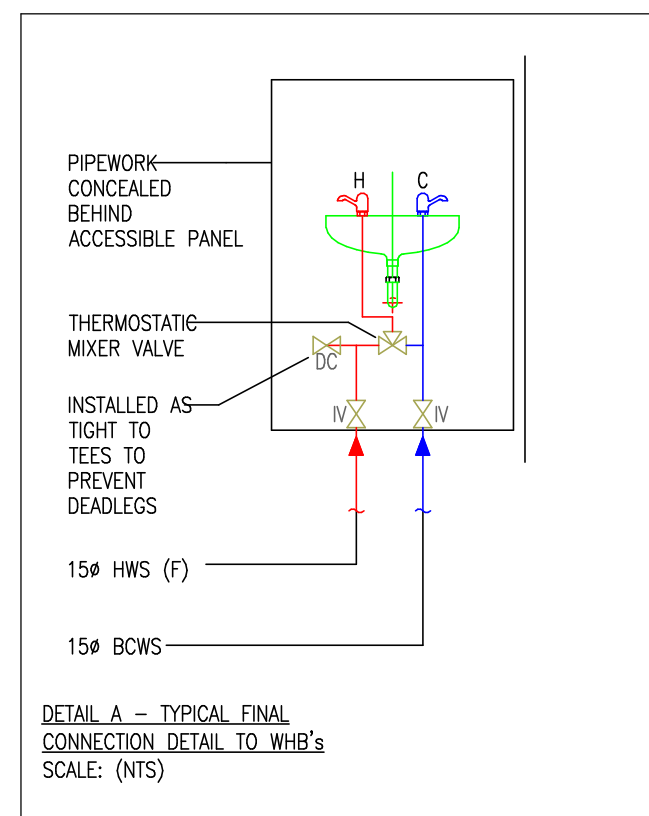
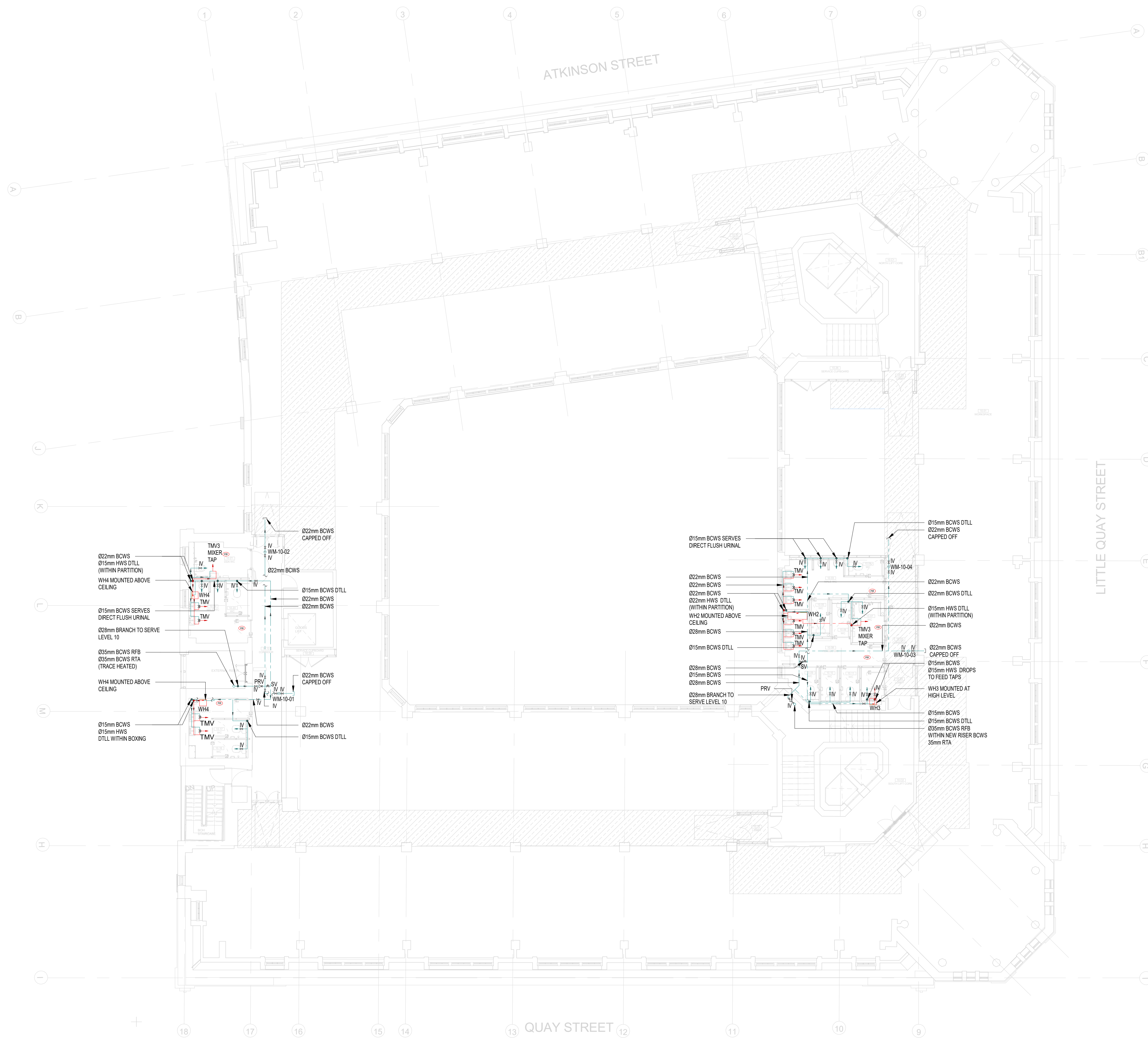




1 MECHANICAL SERVICES DOMESTIC WATER LAYOUT LEVEL 10
1 : 100

THIS DRAWING IS FOR INFORMATION ONLY YOU DO NOT SCALE			
DESIGN INFORMATION			
ISSUANCE	DATE	DATE REVISITED	ISSUE DESCRIPTION DATE
<p>1. DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATIONS & SCHEMATICS</p> <p>2. REVISIONS AND INCREASES TO THE DRAWING ORIGINATOR IMMEDIATELY</p> <p>3. ALL WORK IS UNLESS STATED OTHERWISE</p> <p>4. DOMESTIC SERVICES SHALL COMPLY WITH BS EN 608, CIBSE GUIDE 3 AND THE REGULATIONS ARE ACOP FOR LEGIONELLA PROTECTION</p> <p>5. SUITABLE BACKFLOW PREVENTION MUST BE PROVIDED</p> <p>6. ALL DOMESTIC PIPING SHALL BE COPPER TO BS EN 1067 (FORWARD)</p> <p>7. ALL PIPING SHALL BE TO 15MM UNLESS STATED OTHERWISE</p> <p>8. ALL FINAL CONNECTIONS SHALL BE COMPLETE WITH FINAL SERVICE VALVE</p> <p>9. FLOW RESTRICTORS SHALL BE FITTED TO ALL TAPS TO ACHIEVE A FLOW RATE IN ACCORDANCE WITH BS EN 12259 SPECIFICATION</p> <p>10. TAP'S THERMOSTATIC MIXING VALVES SHALL BE PROVIDED TO AVOID SCALDING APPLIANCES WITHOUT TAPS SHALL HAVE WARNING NOTICES TO INFORM USERS THAT WATER IS HOT AND MAY SCALD</p> <p>11. ALL LOW POINTS SHALL BE PROVIDED WITH DRAIN COCKS</p> <p>12. PIPEROCK SHALL BE THEMATICALLY INDICATED, EXCEPT ON CROSSED FINAL CONNECTIONS, WITH VARIOUS BARBERS FOR COOL SERVICES</p> <p>13. ANY EXTERNAL PIPEROCK SHALL BE TRACE HEATED</p> <p>14. ALL PIPERS SHALL BE REMOVED DURING FLUSHING & REPLACED WITH STOP PLUGS</p> <p>15. ALL PIPEROCK SHALL BE BORED IN</p> <p>16. VALVES LOCATED ABOVE SLOPE CEILINGS SHALL BE PROVIDED WITH SUITABLE ACCESS</p> <p>17. ALL PENETRATIONS OF FIRE COMPARTMENTS SHALL BE DEMONSTRATED</p> <p>18. KITCHENMETS & TAPWORK CONNECTIONS SHALL BE DEMONSTRATED WITH A FINAL APPLIANCE, WITH FINAL CONNECTION BY OTHERS</p>			

DOMESTIC WATER SUPPLY NOTES:

LEGEND	
	BOOSTED COLD WATER SERVICE (BCWS)
	MANS COLD WATER SERVICE (MCWS)
	HOT WATER FLOW (HWS F)
	HOT WATER RETURN (HWS R)
	CAT 5
	SPRINKLER MAIN
	TRACE HEATING
IV >=	ISOLATION VALVE
PRV <=	PRESSURE REDUCING VALVE
	TEMPERATURE SENSOR
	PUMP
IV >=	DRAIN COCK
DCV >=	DOUBLE CHECK VALVE
	METER
SV >=	SAFETY RELIEF VALVE
NRV >=	NON RETURN VALVE
	EXPANSION BELLOWS
	ANCHOR POINTS
	PRESSENCE DETECTOR
BV	BALL VALVE
FG	FLUSHING VALVE
PG	PRESSURE GAUGE
BMS	BUILDING MANAGEMENT SYSTEM
AAS	AUTOMATIC AIR VENT
TRG	TEMPERATURE / PRESSURE GAUGE
TRPV	TEMPERATURE / PRESSURE RELIEF
LBV	VALVE LEVER BALL VALVE
LSV	VALVE LOCKHELD VALVE
TS	TEMPERATURE SENSOR
DF	WATER FOUNTAIN (DRINKING)
WB	WATER BOILER
DM	DEHWASHER
WM	WASHING MACHINE
TBV	THERMAL BALANCING VALVE
M	ICE MACHINE
FC	FUME CUPBOARD
DS	DOCKING STATION
WB	WATER BOILER
FS	FLOW SWITCH
SV	SOLENOID VALVE
DTL	DOWN TO LOW LEVEL
	WATER HEATER

P01	24.07.24	ISSUED FOR COMMENT & APPROVAL	DB	SH
REV	DATE	AMENDMENTS	RY	Ckd

**FOR COMMENT
& APPROVAL**

Commercial Services Design Ltd
Unit 5
Woodside Court
Clayton Wood Rise
Leeds
LS18 8RF
Tel: 0113 3223190
Web: www.csdesign.uk.com



CLIENT
G&H BUILDING SERVICES

PROJECT
SUNLIGHT HOUSE
LITTLE QUAY STREET
MANCHESTER M3 3HP

TITLE
MECHANICAL SERVICES DOMESTIC WATER
LAYOUT LEVEL 10

SCALE @ A0: 1:100	CSD REF: CSD 1298
DRAWN: MW	ENGINEER: DB
STARTED: MAY 24	ISSUED: JULY 24
CHECKED: DB	APPROVED: BW

DRAWING NO: **1298-CSD-XX-10-DR-M-5311** REF: **P01**

Project-Originator-Volume-Level-Type-Discipline-Drawing Number

ARCHITECTURE IS BASED ON ANOMALY DESIGN
ARCHITECTS DRAWING NO. SLH-ANO-PO-10-DR-A-05110
(C01) LEVEL 10 PLAN
RECEIVED 05.08.2024

1298-CSD-XX-10-DR-M-5311 P01

Project-Originator-Volume-Level-Type-Discipline-DrawingNumber