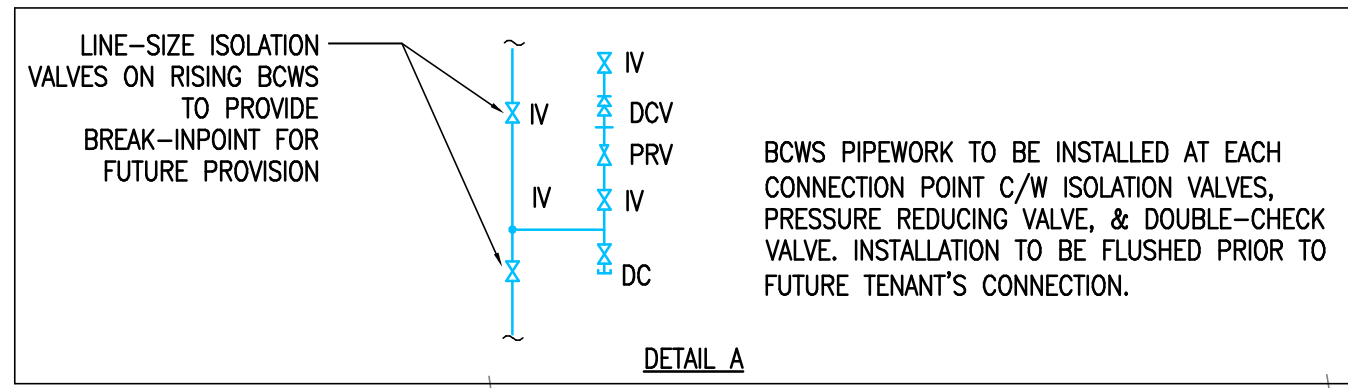
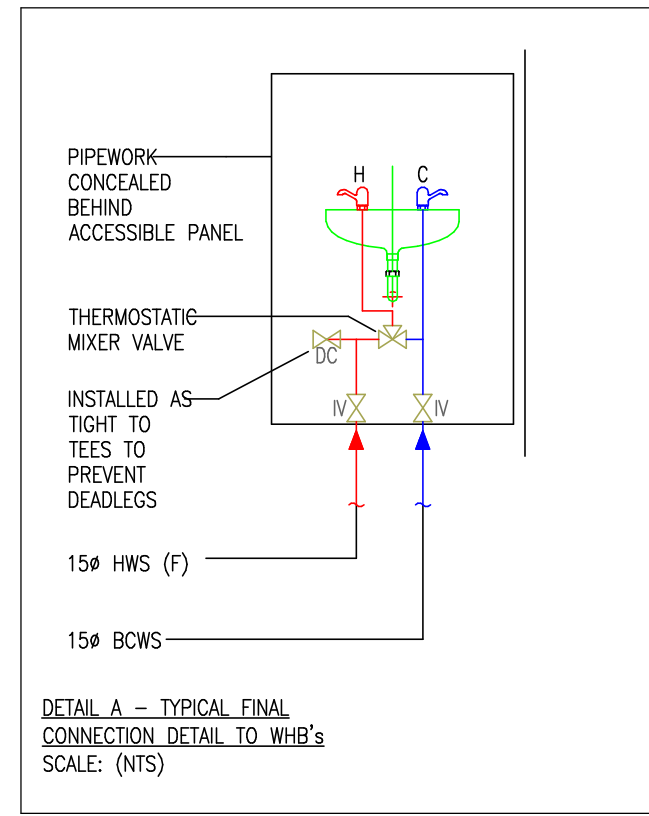




1 MECHANICAL SERVICES DOMESTIC WATER LAYOUT LEVEL 03
1 : 100

THIS DRAWING IS FOR INFORMATION ONLY DO NOT DO SCALE			
CDM REGULATIONS			
NUMBERS	DATE	DATE REVISITED	RISK ASSESSMENT DATE
DOMESTIC WATER SUPPLY: NOTES:			
1.	DRAWING TO BE USED IN CONJUNCTION WITH SPECIFICATIONS & GUIDE C		
2.	REPORT ANY DISCREPANCIES TO THE DRAWING ORIGINATOR IMMEDIATELY		
3.	ALL DIMENSIONS ARE IN MILLIMETERS STATED OTHERWISE		
4.	DOMESTIC SERVICES SHALL BE PROVIDED WITH BS EN 806, CRIBSE GUIDE C & THE PRESSURE REGULATIONS ARE REQUIRED FOR LEGIONELLA PROTECTION		
5.	SUFFICIENT WATER FLOW AND PRESSURE MUST BE PROVIDED		
6.	ALL PIPING AND PIPES SHALL BE COPPER TO BS EN 10677 (FORMALLY TABLE 1)		
7.	ALL FINAL CONNECTIONS TO BE 15MM UNLESS STATED OTHERWISE		
8.	ALL FINAL CONNECTIONS SHALL BE COMPLETE WITH FINAL SERVICE VALVE		
9.	FLOW RESTRICTIONS SHALL BE FITTED TO ALL TAPS TO ACHIEVE 0.1 LPM AT 3 BAR		
10.	TAP WATER SHALL BE THERMALLY INSULATED, EXCEPT ON TAPS RATED IN THE ARCHITECTS N13 SPECIFICATION		
11.	TAPS (THERMOSTATIC MIXING VALVES) SHALL BE PROVIDED TO ALL WASHING APPLIANCES WITHOUT TAPS SHALL HAVE WARNING NOTICES TO INFORM USERS THAT WATER IS HOT AND MAY SCALD		
12.	ALL LOW POINTS SHALL BE PROVIDED WITH DRAIN COCKS		
13.	PIPEWORK SHALL BE THERMALLY INSULATED, EXCEPT ON COLD SERVICES		
14.	CROSSLINKED POLYETHYLENE, WITH VAPOUR BARRIERS FOR COLD SERVICES		
15.	ALL PIPING SHALL BE REMOVED DURING FLUSHING & REPLACED WITH STOPPED PIECE		
16.	ALL PIPES SHALL BE BOREDRUN		
17.	VALUES LOCATED ABOVE SLOPE CEILINGS SHALL BE PROVIDED WITH SUFFICIENT ACCESS		
18.	ALL PENETRATIONS OF FIRE COMPARTMENTS SHALL BE SUITABLE TO THE RATED RATING		
19.	KITCHENMETER & TAPPOINT CONNECTIONS SHALL BE TIGHTENED TO THE TIGHTENING TORQUE OF FINAL APPLIANCE, WITH FINAL CONNECTION BY REPORT		

LEGEND	
	BOOSTED COLD WATER SERVICE (BCWS)
	MAINS COLD WATER SERVICE (MCWS)
	HOT WATER FLOW (HWS F)
	HOT WATER RETURN (HWS R)
	CATS
	SPRINKLER MAIN
	TRACE HEATING
IV D=	ISOLATION VALVE
PRV H=	PRESSURE REDUCING VALVE
	TEMPERATURE SENSOR
	PUMP
IV D=	DRAIN COCK
DCV H=	DOUBLE CHECK VALVE
	METER
SV	SAFETY RELIEF VALVE
NRV	NON RETURN VALVE
	EXPANSION BELLOW
	ANCHOR POINTS
	PRESSENCE DETECTOR
BV	BALL VALVE
FG	FLUSHING VALVE
PG	PRESSURE GAUGE
BMS	BUILDING MANAGEMENT SYSTEM
AAS	AUTOMATIC AIR VENT
TRFV	TEMPERATURE / PRESSURE GAUGE
TRPV	TEMPERATURE / PRESSURE RELIEF VALVE
LBV	VALVE LEVER BALL VALVE
LSV	LOCKSHELD VALVE
TS	TEMPERATURE SENSOR
DF	WATER FOUNTAIN (DRINKING)
WB	WATER BOILER
DM	DESHWASHER
WW	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	BY	CKD

**FOR COMMENT
& APPROVAL**

Commercial Services Design Ltd
Unit 5
Woodside Court
Clayton Wood Rise
Leeds
LS16 8RF
Tel: 0113 3223190
Web: www.csdesign.uk.com



CLIENT	
G&H BUILDING SERVICES	
PROJECT	
SUNLIGHT HOUSE	
LITTLE QUAY STREET	
MANCHESTER M3 3PH	
TITLE	
MECHANICAL SERVICES DOMESTIC WATER	
LAYOUT LEVEL 03	
SCALE @ A1: 1:100	CSD REF: CSD 1298
DRAWN: MW	ENGINEER: DB
ISSUED: MAY 24	ISSUED: JULY 24
CHECKED: DB	APPROVED: BW
DRAWING NO.	
1298-CSD-XX-03-DR-M-5304	
Project Originator - Volume-Level-Type-Client/City/Country/Number	
REV:	
P01	

ARCHITECTURE IS BASED ON ANOMALY DESIGN
ARCHITECTS DRAWING NO. SLH-ANO-PO-03-DR-A-05103
(001) LEVEL 03 PLAN
RECEIVED 05.06.2024