



- DOMESTIC WATER SERVICES NOTES.
1. THIS DRAWING IS ISSUED FOR DESIGN INTENT ONLY AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETAIL THE SETTING OUT AND CO-ORDINATION OF THE SERVICES WITH THE BUILDING FABRIC DETAILS.
 2. THE WHOLE OF THE DOMESTIC WATER SERVICES INSTALLATION SHALL COMPLY WITH BS EN 806, BS 8558, HSG 274, THE WATER REGULATIONS 2000, ADOPT 18, AND REQUIREMENTS OF THE LOCAL WATER AUTHORITY.
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MECHANICAL, ELECTRICAL, STRUCTURAL, ARCHITECTURAL AND ALL OTHER PUBLIC HEALTH DRAWINGS.
 4. DO NOT SCALE FROM THIS DRAWING.
 5. THE PIPEWORK IS TO BE FIRE STOPPED WHEN PENETRATING COMPARTMENT WALLS AND FLOORS COPPER - FIBRE GLASS TACK WITH CONCRETE BACKFILL.
 6. THE INDIVIDUAL SUPPLIES TO EQUIPMENT ARE TO BE FITTED WITH BALL PATTERN ISOLATING VALVES INCORPORATING A PROPRIETARY FLOW CONTROL DEVICE. DESIGN FLOW RATES ARE TO BE AS FOLLOWS:
WASH HAND BASIN 0.15l/s
SINKS 0.2l/s
WC'S 0.1l/s
SHOWERS 0.2 l/s
EACH WHB/SINK TAP AND SHOWER HEAD TO BE COMPLETE WITH INTERNAL FLOW LIMITER.
 7. ALL PIPEWORK IS TO BE SUPPORTED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 8. ALL FINAL CONNECTIONS TO FITTINGS TO BE 150° UNLESS OTHERWISE NOTED.
 9. ALL LOW POINTS WITHIN THE SYSTEM ARE TO BE PROVIDED WITH DRAIN OFF COCKS.
 10. ALL HIGH POINTS WITHIN THE SYSTEM ARE TO BE PROVIDED WITH MANUAL AIR COCKS.
 11. ALL EXPOSED PIPEWORK TO BE CHROMIUM PLATED.
 12. FOR VALVING ARRANGEMENT REFER TO SCHEMATICS.
 13. REFER TO SCHEDULES FOR PIPEWORK MATERIALS.

- LEGEND
- WHB WASH HAND BASIN
 - WC WATER CLOSET (EUROPEAN)
 - MWS MAINS COLD WATER SERVICE
 - BHWSF DOMESTIC BOOSTED HOT WATER SERVICE FLOW
 - BHWSR DOMESTIC BOOSTED HOT WATER SERVICE RETURN
 - HMT DOMESTIC BOOSTED HOT WATER MAINTENANCE TAP
 - BGWS DOMESTIC BOOSTED COLD WATER SERVICE
 - BGWSR DOMESTIC BOOSTED COLD WATER SERVICE RETURN
 - CATSWS FLUID CATEGORY S WATER SUPPLY
 - MDPE MEDIUM DENSITY POLYETHYLENE
 - PR PRESENT DETECTOR
 - MIXING TAP
 - TSR THERMOSTATIC SHOWER MIXING VALVE
 - DCV DOUBLE CHECK VALVE
 - PRV PRESSURE REDUCING VALVE
 - IV ISOLATING VALVE
 - WM WATER METER WITH SUB-PULSE OUTPUT LINKED TO BMS
 - DOC DRAIN OFF COCKS
 - DRV DOUBLE REGULATING VALVE
 - SV SOLENOID VALVE
 - TWV THERMOSTATIC MIXING VALVE
 - TRV THERMOSTATIC BUILDING VALVE
 - NRV NON-RETURN VALVE
 - PTRV PRESSURE AND TEMPERATURE RELIEF VALVE
 - ERV EXPANSION RELIEF VALVE
 - VALVE WITH HOSE UNION
 - SERVICES RUN WITHIN FLOOR
 - VOID/BELOW SLAB
 - SERVICES RUN AT HL
 - SERVICES RUN AT LL
 - BWS BW FLOW
 - BHWS BW FLOW
 - BHWS RETURN

6	10.01.22	UPDATED TO SUB E6009	OVR	N.B
5	21.12.21	LATEST ARCHITECTS GA INCORPORATED	OVR	N.B
4	18.11.21	REVISED TO SUB LATEST GA'S	OVR	N.B
3	18.11.21	COMMENTS INCORPORATED	OVR	N.B
2	18.11.21	REVISED TO SUB NEW SCHEME	OVR	N.B
1	11.03.21	STAGE 4 ISSUE	OVR	N.B
0	10.01.22	STAGE 4 FOR COMMENT	OVR	N.B

Revisions

Rev	Date	Description	Iss To	Iss By
6	10.01.22	UPDATED TO SUB E6009	OVR	N.B
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Issue Status: **STAGE 4**

Project: **UCL WOBBURN SQUARE**

Title: **LEVEL 5 ZONE C, CORE B & C PROPOSED WATER SERVICES LAYOUT**

Scale: **1:500A0** Designed By: **N.B** Checked By: **W** Date: **JAN 22**

Drawing No: **100353-LP-ZC-05-DR-PH-2100**

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100% Carbon Energy Assessment

100% Carbon Energy Assessment

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