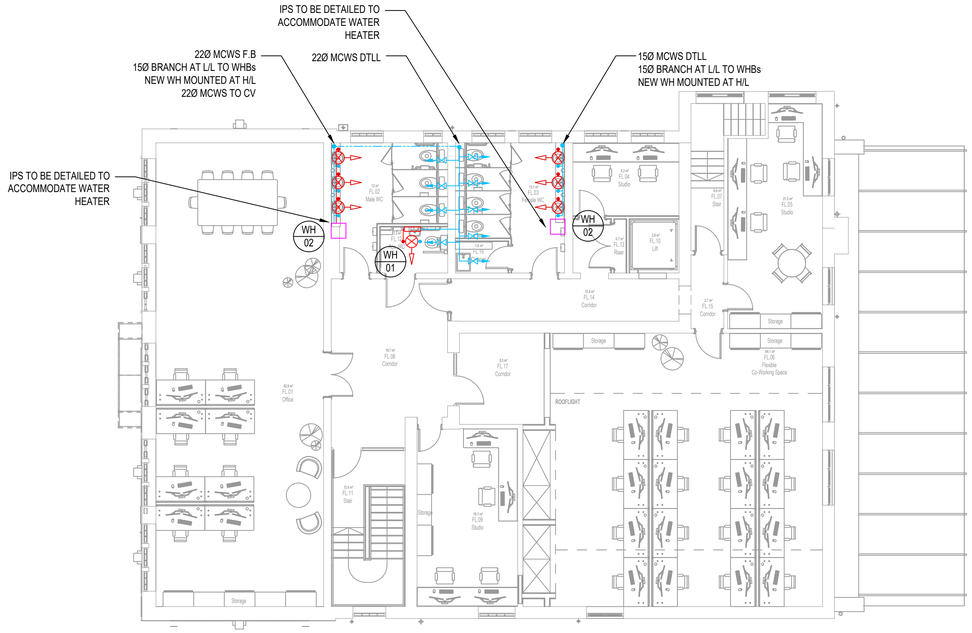
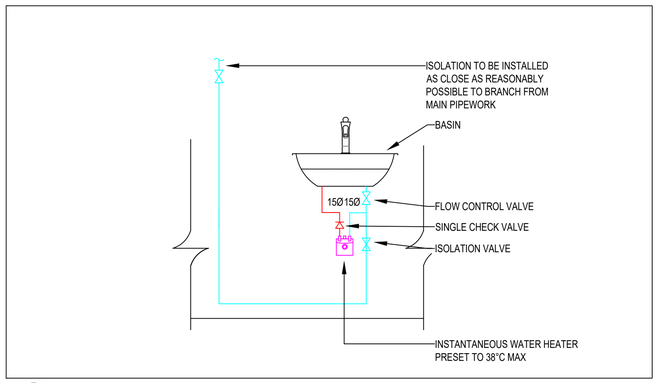
WATER SERVICES

1. ALL WORKS TO MEET THE WATER REGUALTIONS 1999 AND HSE ACOP L8.
2. ALL PIPE FITTINGS & EQUIPMENT TO BE WRAS APPROVED
3. ALL PIPEWORK SHALL BE INSTALLED COPPER BS EN 1057, PRESSFIT AND SUITABLY INSULATED IN ACCORDANCE WITH BUILDING REGULATIONS PART L2
4. ALL PIPEWORK DROPS WITHIN PARTITIONS SHOULD HAVE NO VALVES OR JOINTS TO BE INSTALLED IN PARTITIONS.
5. ALL PIPEWORK SHALL BE PRESSURE TESTED BEFORE THE INSTALLATION IS EMBEDDED OR COVERED OVER. THE PIPES SHOULD THEN BE FLUSHED THROUGH. THE TEST PRESSURE MUST BE 1.5 TIMES THE OPERATING PRESSURE, BUT NOT EXCEEDING 15 BAR. THE PRESSURE DROP MUST NOT EXCEED 0.1 BAR PER HOUR. THE COMPRESSION OF EVERY CONNECTION MUST BE CHECKED VISIBLY.
6. THE SYSTEM SHALL BE FLUSHED AND CHLORINATED TO BS EN 806 + BS EN 8558
7. INDIVIDUAL 'BALLOFIX' TYPE ISOLATION (OR EQUIVALENT), IS TO BE PROVIDED LOCALLY TO EACH ITEM OF SANITARY WARE OR APPLIANCE.
8. ALL INSULATED PIPEWORK SHALL BE IDENTIFIED AS TO TYPE OF SERVICE & DIRECTION OF FLOW. BAND DETAILS & COLOURS SHOULD COMPLY WITH BS1710 & 4800.
9. TMV3 THERMOSTATIC MIXING VALVES TO BE FITTED ON ALL DHWS SUPPLY OUTLETS, WITH THE EXCEPTION OF CLEANERS SINK & STAFF SINK/KITCHEN. HOT WATER WARNING SIGNS TO BE INSTALLED ON ALL UNBLENDED OUTLETS.

WATER SERVICES									
REF	MAKE	MODEL	ELEC	CURRENT (A)	DIMS (WXDXH) (MM)	FULL WEIGHT (KG)	IP	VOLUME (L)	NOTES
WH01	ZIP	INLINE ES6 5.5kW	1/230/50	24	186x87x135	1.5	IPX4	N/A	WALL MOUNTING KIT, THERMOSTATIC CONTROL WITH CUT-OUT SAFETY PROTECTION AND HEATING ELEMENT 'ON INDICATOR.
WH02	ZIP	AQUAPOINT 4 30L	1/230/51	13	480x490x630	49	IPX4	30	WALL MOUNTING KIT, THERMOSTATIC CONTROL WITH CUT-OUT SAFETY PROTECTION AND HEATING ELEMENT 'ON INDICATOR.
WH03	ZIP	AQUAPOINT 4 50L	1/230/51	13	420x445x690	74	IPX4	50	WALL MOUNTING KIT, THERMOSTATIC CONTROL WITH CUT-OUT SAFETY PROTECTION AND HEATING ELEMENT 'ON INDICATOR.
ALL WATER HEATERS TO BE PROVIDED WITH EXPANSION KIT AND SAFETY VALVES AS RECOMMENDED BY THE MANUFACTURER.									

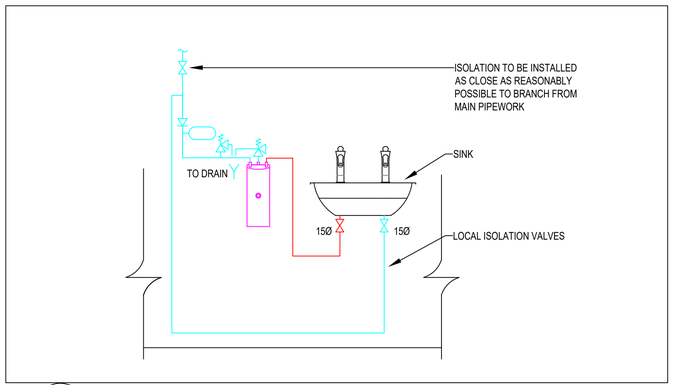




A 5301 INSTANTANEOUS WATER HEATER 01 DETAIL

TYPICAL BASIN WATER HEATER DETAIL

NTS



B 5301 WATER HEATER 02 DETAIL

TYPICAL SINK HOT WATER HEATER DETAIL

NTS

LEGEND	
SYMBOL	DESCRIPTION
	THERMOSTATIC MIXING VALVE TMV 3
	SHOWER
	PIPEWORK AT LOW LEVEL
	PIPEWORK IN ROOF VOID
	HOT WATER OUTLET
	COLD WATER TAP/WC OUTLET

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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):
WOL-LAW-X-U01-DR-A-061003-P03
Proposed First Floor Plan

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT BUILDING SERVICES DRAWINGS & THE RELEVANT SECTIONS OF THE SPECIFICATIONS & SCHEDULES.
3. THIS DRAWING IS NOT TO BE SCALED.
4. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
5. ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.

Rev	Date	Description	Eng	Chk
C1	17.03.25	CONSTRUCTION ISSUE	SB	GR
T3	08.11.24	UPDATED INLINE WITH LATEST XREF	CC	CE
T2	16.10.24	UPDATED INLINE WITH LATEST XREF	CC	CE
T1	27.09.24	TENDER ISSUE	CC	CE

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wrexham county borough council cyngor bwrdeistref sirol wrecsam

Project
WREXHAM OLD LIBRARY REFURBISHMENT

Drawing Title
FIRST FLOOR
WATER SERVICES
LAYOUT

Status
CONSTRUCTION

Project No.	Drawn	Scale / Paper Size
3327	CC	1:100 @ A1

Drawing No. 3327-CWC-XX-01-DR-M-5301 Rev C1