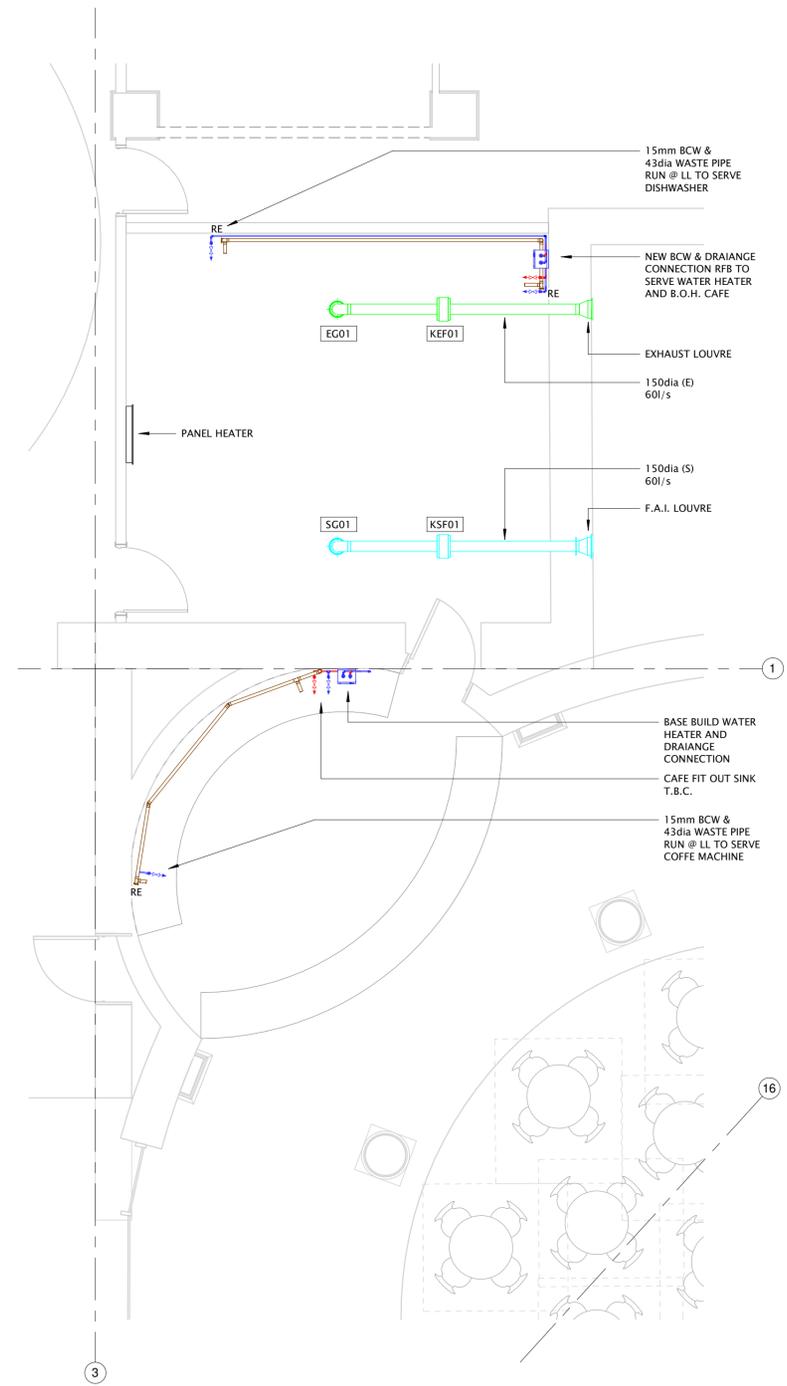


NOTES:
All dimensions must be checked on site and not scaled from this drawing.

Ref.	Date	Revisions	By
P01	07.09.22	PRELIMINARY ISSUE	J.B.



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DRAINAGE NOTES:

- THIS DRAWING SHALL BE READ IN ACCORDANCE WITH THE SANITARY SYSTEMS DETAILS AND THE CLIENTS CONSULTANTS FOUL DRAINAGE ABOVE GROUND SPECIFICATION.
- ABOVE GROUND DRAINAGE DESIGNED TO COMPLY WITH BS 12056 & APPROVED DOCUMENT H.
- ALL SANITARY SYSTEMS PIPEWORK SHOWN ON THIS DRAWING SHALL BE INSTALLED TO COMPLY WITH BUILDING REGULATIONS BS 5572 & BS 6367.
- STUB STACKS (WHERE NOTED) TO BE PROVIDED WITH AAV'S IN LINE WITH BS EN 12380:2002.
- ALL ABOVE GROUND FOUL PIPELINES SHALL BE INSTALLED IN UPVC.
- ALL CONDENSATE DRAINAGE CONNECTIONS SHALL BE SUPPLIED IN PLASTIC PIPEWORK & TRAPPED AT THEIR POINTS OF TERMINATION WITH THE FOUL DRAINAGE INSTALLATION.
- WHERE STACKS PASS THROUGH FIRE WALLS/ FLOORS, FIRE COLLARS (INCLUDING FIRE STOPPING) ARE TO BE INSTALLED BY OTHERS.
- SVP/ RWP PIPEWORK SUPPORT BRACKETS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

DOMESTIC NOTES:

- THIS DRAWING IS READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS & SPECIFICATIONS.
- ALL ITEMS OF SANITARYWARE FITTED WITH 15mm BALLOFIX VALVE.
- ALL INDIVIDUAL ITEMS FED BY 15mm CONNECTIONS UNLESS OTHERWISE STATED.
- LINE ISOLATION ARE PROVIDED IMMEDIATELY EITHER SIDE OF ANY MAINTENANCE ANCILLARIES.
- TYPE 2 THERMOSTATIC MIXING VALVES (TMV'S) ARE PROVIDED AT HOT WATER OUTLETS ON WASH HAND BASINS WITH TYPE 3 TMV'S PROVIDED ON ALL ACCESSIBLE WASH HAND BASINS AND SHOWERS.
- ALL OUTLETS WHERE WATER IS DELIVERED AT 60°C OR ABOVE - SUCH AS KITCHEN AND CLEANERS SINKS - ARE BE FITTED WITH A SIGN INDICATING "CAUTION - VERY HOT WATER".
- HOT WATER PROVIDED TO W.C. BY INSTANTANEOUS WATER HEATER (ELEC) AND CLEANER SINK VIA STORAGE HEATER (ELEC).

VENTILATION NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- INSULATION INSTALLED ON ALL F.A.I AND EXHAUST DUCTWORK.
- W.C. DOORS ARE UNDERCUT TO PROVIDE VENTILATION PATH ROUTES (10mm).

VENTILATION LEGEND:

- HEAT RECOVERY UNIT
- INLINE EXTRACT FAN
- EXTRACT AIR VALVE
- VOLUME CONTROL DAMPER
- FIRE DAMPER

DUCTWORK ACCESS PANELS INSTALLED AS BELOW:

- VOLUME CONTROL DAMPERS- BOTH SIDES
- ATTENUATORS- BOTH SIDES
- INLINE FAN- ONE SIDE
- CHANGE OF DIRECTION- ONE SIDE
- INLET / EXHAUST LOUVRE- ONE SIDE
- FIRE DAMPERS- BOTH SIDES

LEGEND:

- DFA - DROP FROM ABOVE
- DTB - DROP TO BELOW
- RTA - RISE TO ABOVE
- RFB - RISE FROM BELOW
- H/L - HIGH LEVEL
- L/L - LOW LEVEL
- CTD - CONNECT TO DRAIN
- RE - RODDING EYE
- RWO - RAIN WATER OUTLET
- RWP - RAIN WATER PIPEWORK
- BGC - BELOW GROUND CONNECTION (MULTIPLE STACKS CONNECT)
- SVP - SOIL VENT PIPE
- VP - VENTILATION PIPE
- SS - STUB STACK

TYPICAL SANITARY CONNECTIONS:

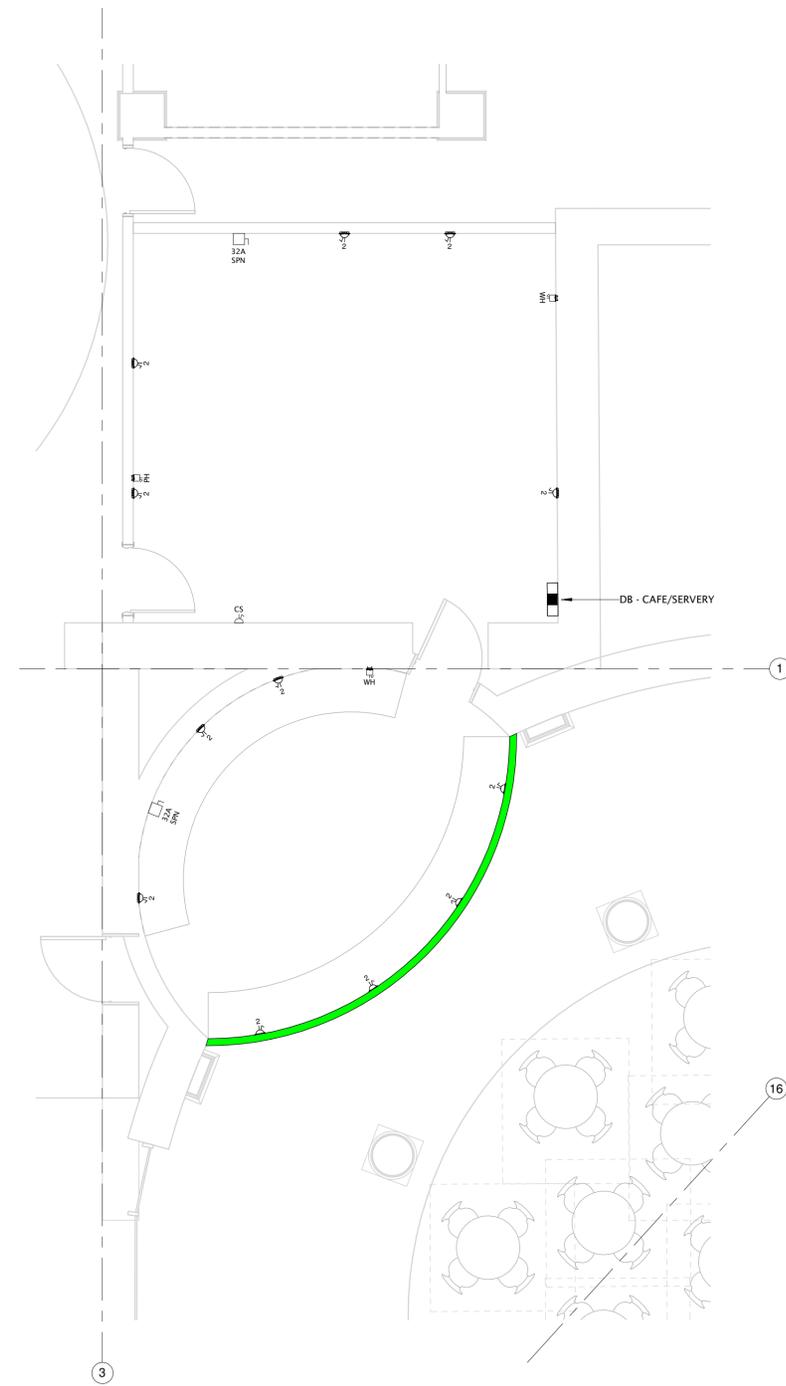
- WC - 1100
- WHB - 320
- SINK - 400
- BATH - 400
- SHOWERS - 400

LEGEND:

- IV = ISOLATION VALVE
- PRV = PRESSURE REDUCING VALVE
- CV = CHECK VALVE
- DFA = DROP FROM ABOVE
- DTB = DROP TO BELOW
- RTA = RISE TO ABOVE
- RFB = RISE FROM BELOW
- BCW = BOOSTED COLD WATER
- HWS = HOT WATER SYSTEM
- = DHWSF
- = BCWS

DUCTWORK KEY:

- SUPPLY DUCT
- EXTRACT DUCT
- FRESH AIR INTAKE DUCT
- EXHAUST DUCT



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SMALL POWER & DATA NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
- FOR CIRCUIT DETAILS REFER TO THE DISTRIBUTION BOARD SCHEDULES
- FOR TYPICAL MOUNTING HEIGHTS, REFER TO DRAWING NO.
- ALL DADO & CONDUITS TO BE FIXED USING PROPRIETARY FITTINGS

LEGEND:

- TWIN SWITCHED SOCKET OUTLET
- SWITCHED SOCKET OUTLET
- SWITCHED FUSED CONNECTION UNIT
- ROTARY ISOLATOR (NO. POLES AND RATING AS INDICATED)
- DADO TRUNKING
- DISTRIBUTION BOARD

ABBREVIATION LEGEND:

- CS - CLEANERS
- DB - PANEL BOARD
- WH - WATER HEATER



VISUAL SCALE 1:100 @ A1

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PRELIMINARY

Client 	Job Title Bolton Library	Drawing Title Mechanical & Electrical Services Cafe Fit-out	Date September 2022
Scale @ A1 1 : 50		Drawn by J.B.	Check by J.B.
Drawing Number BLR-AME-XX-00-DR-U-50-0001		Revision P01	

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