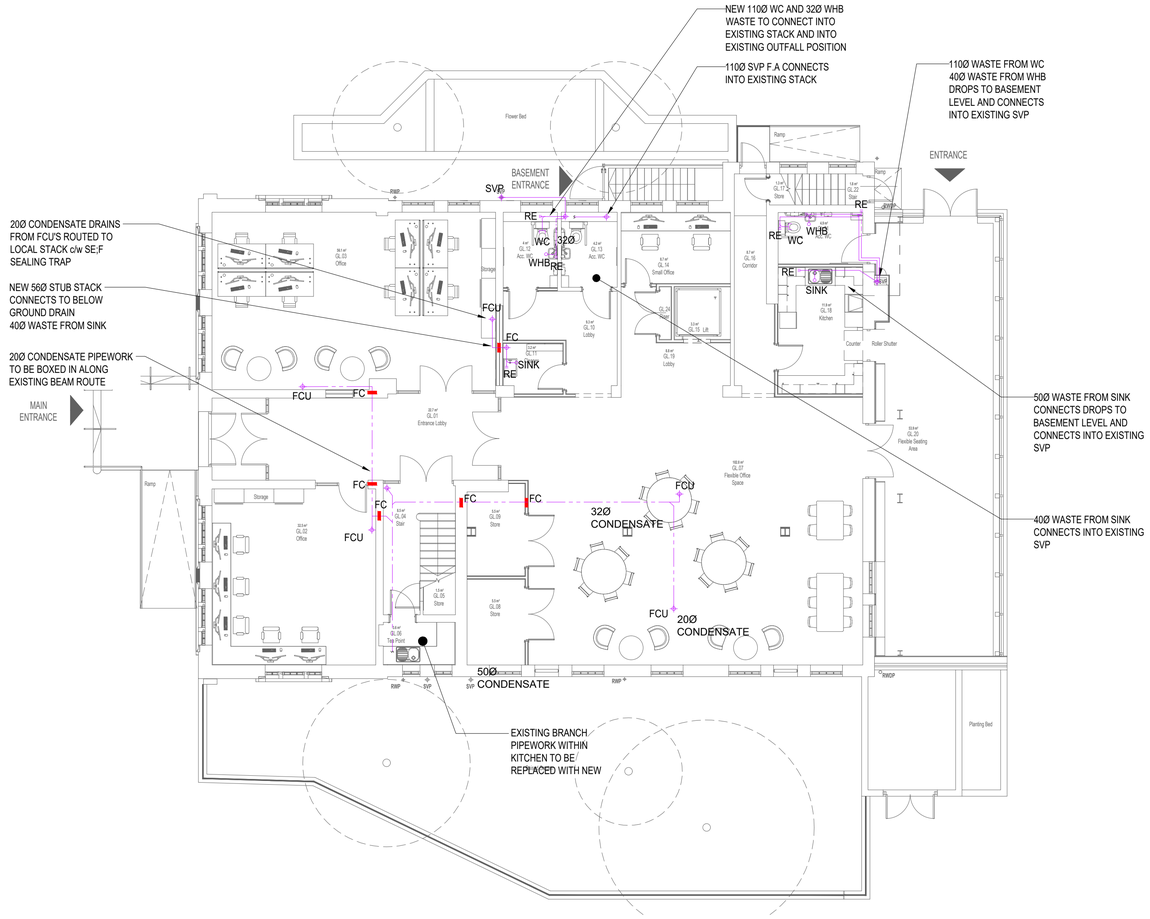


ABOVE GROUND DRAINAGE NOTES:

1. THE DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH BUILDING REGS APPROVED DOCUMENT H AND BS EN 12056-2.
2. SOIL PIPEWORK SHALL BE GREY uPVC TO BS 4514. WASTE PIPEWORK SHALL BE WHITE uPVC TO BS 5255. CONTRACTOR TO PROVIDE ACCESS SADDLES, ETC., AS REQUIRED.
3. WHERE PLASTIC SOIL / FOUL VENT PIPEWORK PENETRATES FIRE COMPARTMENT WALLS OR FLOORS, PROPRIETARY INTUMESCENT COLLARS / SLEEVES SHALL BE FITTED TO MAINTAIN COMPARTMENT INTEGRITY. COPPER SLEEVES SHALL BE PROVIDED TO PLASTIC WASTE PIPEWORK BELOW 50mm DIAMETER. WHERE PENETRATING FIRE COMPARTMENT WALLS.
4. ACCESSIBLE RODDING EYES TO BE PROVIDED ON ALL HORIZONTAL DRAINAGE RUNS AND CHANGES IN DIRECTION. RODDING ACCESS TO BE PROVIDED AT THE BASE OF EACH STACK.
5. ALL SANITARYWARE TO BE FITTED BY MECHANICAL CONTRACTOR. REFER TO ARCHITECTURAL DOCUMENTATION FOR SANITARYWARE SPECIFICATION.
6. TRAP SIZES TO BE AS FOLLOWS:-
   - WASHBASIN - 32Ø 75 DEEP SEAL TRAP
   - SHOWER - 40Ø 50 DEEP SEAL TRAP
   - SINK - 40Ø 75 TUBULAR 'P' TRAP
   - DISHWASHER/WASHING MACHINE - 40Ø 75 DEEP SEAL TRAP AND STANDPIPE
7. MINIMUM PERMISSIBLE FALLS ON HORIZONTAL BRANCH DRAINAGE PIPEWORK TO MANUFACTURERS RECOMMENDATIONS.

ITEM	SIZE	MAX. LENGTH	GRADIENT
WHB	32Ø	1.7m	18 - 22mm/m RUN
WHB	40Ø	3.0m	18 - 44mm/m RUN
SHOWER	40Ø	3.0m	18 - 90mm/m RUN
SINK	40Ø	3.0m	18 - 90mm/m RUN
WC	110Ø	6.0m	18mm/m RUN MIN

8. SOIL PIPES TO TERMINATE IN CEILING VOID WITH AAV WHERE INDICATED. ALL END OF LINE SVP's TO TERMINATE TO ATMOSPHERE.
9. ALL AAV'S SHALL BE BS EN 12380 A1 DESIGNATION AND INSTALLED STRICTLY IN ACCORDANCE WITH THEIR AGREEMENT CERTIFICATE AND BE FULLY ACCESSIBLE. AAV'S 110MM AND ABOVE MUST BE INSTALLED ABOVE SPILL OVER LINE.
10. WHERE REQUIRED, BRANCH VENTILATING PIPES TO BE CONNECTED WITHIN 300mm OF THE TRAP AND CONNECT TO THE STACK ABOVE THE SPILLOVER LEVEL OF THE HIGHEST APPLIANCE.
11. ALL WASTE FLOATS AND VENT PIPES NOT IN CEILING VOID TO BE BOXED IN.
12. ALL PIPEWORK TO BE IDENTIFIED TO BS 1710

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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-G00-DR-A-061002-P03 Proposed Ground 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.

DRAINAGE LEGEND

SYMBOL	DESCRIPTION
RE	RODDING EYE
	SINK / WHB / SHOWER CONNECTION
	WC CONNECTION
	TRAPPED FLOOR GULLEY
AAV	AIR ADMITTANCE VALVE
FC	FIRE COLLAR
	FOUL DRAINAGE STACK
	DRAINAGE AT LOW LEVEL
	DRAINAGE IN CV
	DRAINAGE IN FLOOR BELOW

Rev	Date	Description	Eng	Chk
C3	01.04.25	UPDATED CONSTRUCTION ISSUE	SB	GR
C2	28.03.25	UPDATED CONSTRUCTION ISSUE	SB	GR
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

CWC crookes walker consulting
Suite 9a, Bloc, 17 Marble Street
Manchester M2 3AW
Tel: 0161 834 9999
The Plaza, Old Hall Street,
Liverpool L3 9QJ
Tel: 0151 600 5409
E-mail: admin@cwcon.co.uk
Website: www.cwcon.co.uk

Client

wrexham COUNTY BOROUGH COUNCIL CYNGOR BWRDEISTREF SIROL wrecsam

Project

WREXHAM OLD LIBRARY REFURBISHMENT

Drawing Title

GROUND FLOOR ABOVE GROUND DRAINAGE LAYOUT

Status

CONSTRUCTION

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

Drawing No. 3327-CWC-XX-00-DR-M-5201 Rev C3