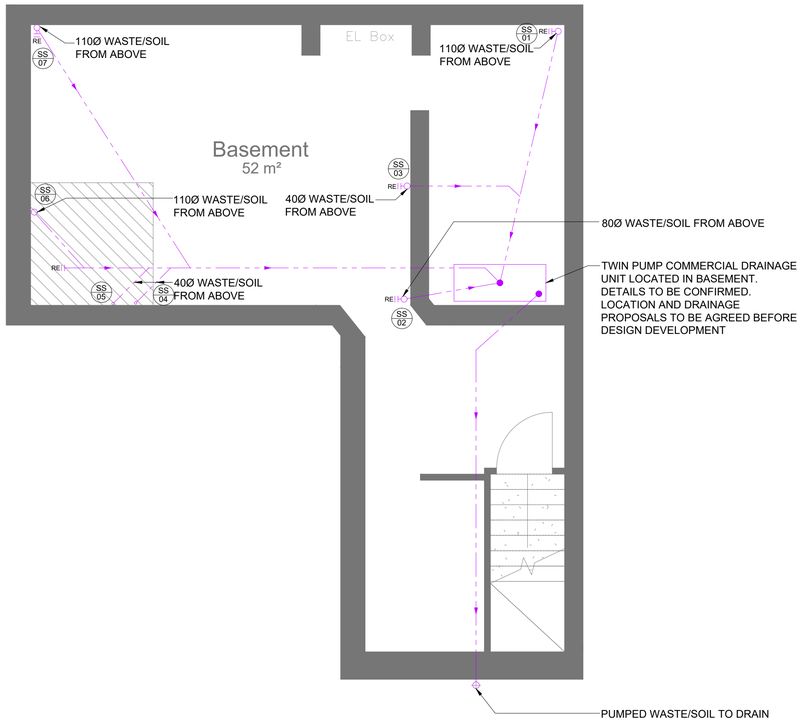


LEGEND	
SYMBOL	DESCRIPTION
	DENOTES HIDDEN/UNDERFLOOR PIPEWORK
	DENOTES PIPEWORK AT LOW LEVEL
	DENOTES PIPEWORK AT HIGH LEVEL
	DENOTES PIPEWORK WITHIN CEILING VOID

LEGEND	
SYMBOL	DESCRIPTION
A	SHOWER TRAP & 40Ø WASTE
B	32Ø TRAP WITH 75mm DEEP SEAL FOR WASH BASIN
C	110Ø WC PAN CONNECTOR
D	40Ø TRAP WITH 75mm DEEP SEAL FOR SINK
E	32Ø TRAP WITH MAC TUNDISH
RE	RODDING EYE

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DO NOT SCALE FROM THIS DRAWING

DRAWING BACKGROUND(S):

DRAINAGE

1. SOIL PIPEWORK SHALL BE GREY uPVC TO BS 4514. WASTE PIPEWORK SHALL BE WHITE uPVC TO BS 5255.
2. CONTRACTOR TO PROVIDE ACCESS SADDLES ETC AS REQUIRED.
3. INTUMESCENT FIRE COLLARS TO BE INSTALLED WHERE SOIL PIPES PASS THROUGH FLOOR SLABS AND ROOF SLAB.
4. ACCESSIBLE RODDING EYES TO BE PROVIDED ON ALL HORIZONTAL DRAINAGE RUNS.
5. ALL SANITARY WARE TO BE SUPPLIED FREE ISSUE BY MAIN CONTRACTOR.
6. TRAP SIZES TO BE AS FOLLOWS:-
   SINK - Ø40 x 75 TUBULAR 'P' TRAP
   DISHWASHER/WASHING MACHINE - Ø40 x 75 DEEP SEAL TRAP AND STANDPIPE
   WASHBASIN - Ø32 x 75 DEEP SEAL TRAP
   SHOWER - Ø40 x 50 TRAP SEAL
   URINAL - Ø40 x 75 TUBULAR 'P' TRAP
   BATH - Ø40 x 50 TRAP SEAL
7. RODDING ACCESS TO BE PROVIDED AT THE BASE OF EACH STACK.
8. MINIMUM PERMISSIBLE FALLS ON HORIZONTAL DRAINAGE PIPEWORK TO MANUFACTURERS RECOMMENDATIONS.

ITEM	SIZE	LENGTH	GRADIENT
WHB	Ø32	< 1.7m	18 - 22mm/m RUN
WHB	Ø40	< 3.0m	18 - 44mm/m RUN
BATH	Ø40	< 3.0m	18 - 90mm/m RUN
SINK	Ø40	< 3.0m	18 - 90mm/m RUN
WC	Ø110	< 6.0M	18mm/m MIMIMUM

9. ALL SOIL PIPES TO TERMINATE AT ROOF LEVEL UNLESS OTHERWISE INDICATED.
10. BRANCH VENTILATING PIPE TO BE CONNECTED WITHIN 300mm OF THE TRAP AND CONNECT TO THE STACK ABOVE THE SPILLOVER LEVEL OF THE HIGHEST APPLIANCE.
11. FINAL CONNECTION TO BELOW GROUND DRAINAGE BY MECHANICAL SUB-CONTRACTOR.
12. EXPANSION COLLARS TO BE PROVIDED TO VENTILATION STACKS EVERY 2m AND WHERE STACK PASSES BETWEEN FLOORS.

Rev	Date	Description	Eng	Chk
P3	13.03.25	AMENDED DRAINAGE	PK	DR
P2	12.13.25	ADDED REFERENCES	PK	DR
P1	16.12.24	PRELIMINARY ISSUE	DR	DR

Client
AVA WREXHAM LTD.
48-52 PENNY LANE,
MOSSLEY HILL, LIVERPOOL
L18 1DG

Project
23 CHESTER STREET,
WREXHAM

Drawing Title
PROPOSED DRAINAGE LAYOUT - BASEMENT

Status
PRELIMINARY

Project No.	Drawn	Scale / Paper Size
1125	PK	1:50 @ A1

Drawing No.: 1125-AVA-ZZ-B1-DR-M-400
Rev: P3