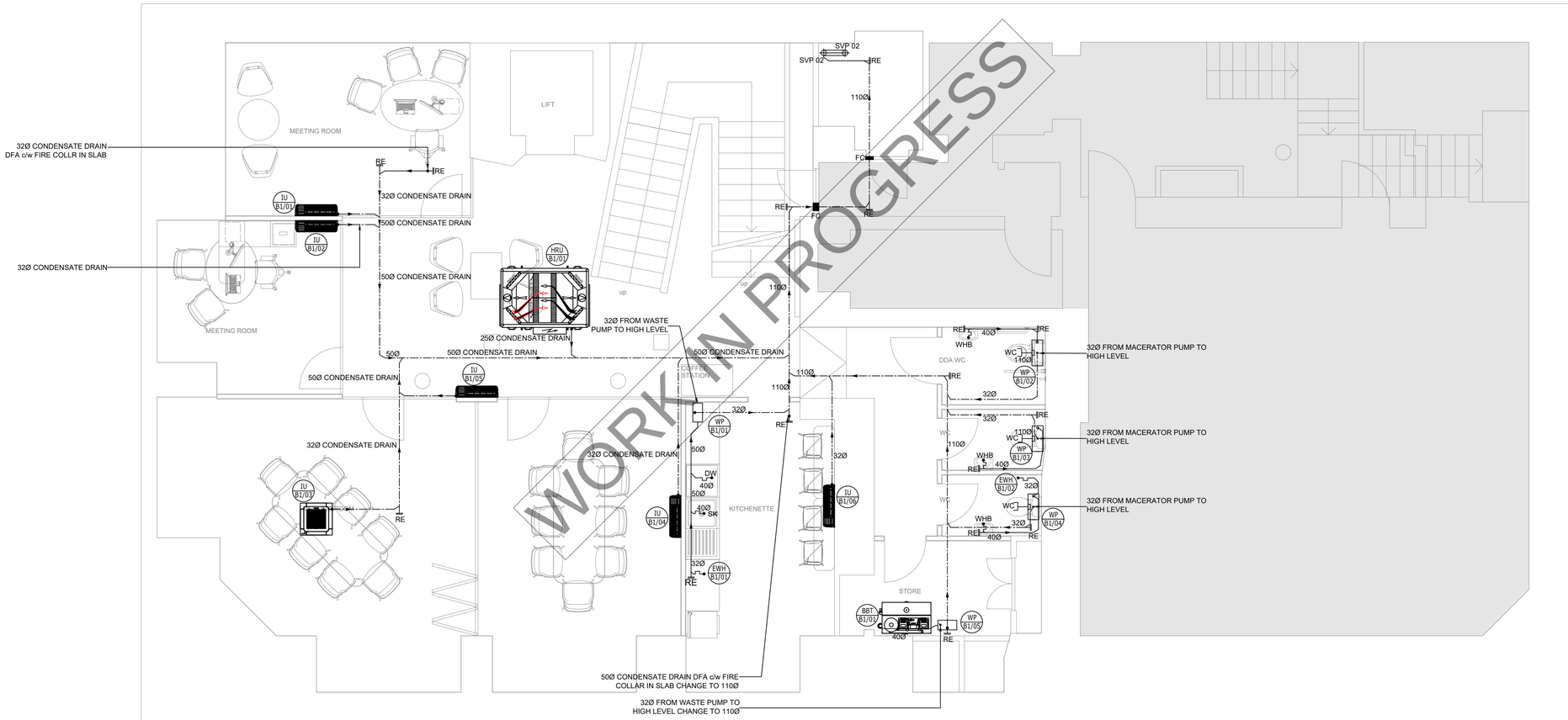
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DO NOT SCALE FROM THIS DRAWING.
CHECK ON SITE AND REPORT ALL DISCREPANCIES TO CLARK DEGNAN LIMITED.

LEGEND

	PIPEWORK BELOW GROUND
	PIPEWORK AT LOW LEVEL
	PIPEWORK AT HIGH LEVEL
	PIPEWORK IN CEILING VOID
	FLOOR GULLY
	WC PAN TRAPPED CONNECTOR
	P/S TRAP SANITARYWARE CONNECTOR
	PIPE RISE/FALL
RE	RODDING EYE
RTHL	RISE TO HIGH LEVEL
RTA	RISE TO ABOVE
RFB	RISE FROM BELOW
DTLL	DROP TO LOW LEVEL
DFA	DROP FROM ABOVE
DFB	DROP TO BELOW
CV	CEILING VOID
HL	HIGH LEVEL
LL	LOW LEVEL
DW	DISH WASHER
WM	WASHING MACHINE
SK	SINK
WHB	WASH HAND BASIN
SH	SHOWER
UR	URINAL
WC	WC CISTERN



WORK IN PROGRESS

NOTES - ABOVE GROUND DRAINAGE

1. ALL SVP'S TO BE FITTED WITH ACCESS DOOR 1100MM AFFL, ALL STACKS ON ALL LEVELS.
2. ALL SANITARY APPLIANCES TO BE FITTED WITH RE-SEALING TYPE TRAPS; WHB: BOTTLE, URINAL: TUBULAR, SINK: TUBULAR.
3. ALL 110DIA UPVC STUB STACKS TO BE FITTED WITH REMOVABLE AAAV ABOVE FLOOD LEVEL IN VENTILATED PLUMBING DUCT.
4. HORIZONTAL DRAINAGE FALLS SHALL BE INSTALLED AT THE FOLLOWING GRADIENTS:
   - SOIL PIPES 1:40
   - WASTE PIPES 1:80

NOTES - GENERAL

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS IS NOT AN INSTALLATION DRAWING.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL PERFORMANCE SPECIFICATIONS, AND ALL ACCOMPANYING TENDER DRAWINGS AND SPECIFICATIONS, INCLUDING ARCHITECTURAL, STRUCTURAL ENGINEERING, C/V/L ENGINEERING, MEP AND OTHER THIRD PARTY DESIGNERS.
4. ALL SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS AND WORKMANSHIP CLAUSES DETAILED WITHIN THE ACCOMPANYING SPECIFICATION (WHERE PROVIDED).
5. THE DESIGN AND INSTALLATION SHALL COMPLY WITH THE BUILDING REGULATIONS, BRITISH STANDARDS, EU LEGISLATION, STATUTE, CIBSE GUIDES, CIBSE COMMISSIONING CODES, B&ES, H&S GUIDANCE AND ACOP'S, THE GAS REGULATIONS AND ALL OTHER APPLICABLE REGULATIONS.
6. PRIOR TO ANY WORKS, THE CONTRACTOR SHALL REQUEST A COPY OF THE ASBESTOS REGISTER/REPORT DETAILING THE LOCATION OF ANY EXISTING ASBESTOS. SHOULD THE CONTRACTOR COME ACROSS ANY SUSPICIOUS MATERIALS, THEY SHOULD STOP WORK IMMEDIATELY AND INFORM THE SITE AGENT.
7. THE CONTRACTOR SHALL ALLOW FOR SPECIALIST COMMISSIONING OF ALL MECHANNICAL AND PUBLIC HEALTH SYSTEMS BY THE MANUFACTURER OR MANUFACTURERS APPOINTED AGENT.
8. FOLLOWING COMPLETION OF THE INSTALLATION, THE SYSTEMS SHALL BE TESTED AND COMMISSIONED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. ALL EQUIPMENT SHALL BE INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
10. THE CONTRACTOR SHALL INCLUDE FOR ALL NECESSARY FIRE STOPPING, SLEEVES AND DAMPERS TO SUIT THE PROPOSED FIRE STRATEGY.
11. PRIOR TO COMMENCING THE WORKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEKING APPROVAL OF THE PROPOSALS BY THE GAS AND WATER AUTHORITIES.
12. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SEEK CONFIRMATION OF ACCEPTANCE OF THE PROPOSALS BY THE BUILDING CONTROL OFFICER.
13. A FINAL SITE MEASURE SHALL BE CARRIED OUT BY THE CONTRACTOR PRIOR TO ORDERING OF PLANT OR EQUIPMENT.
14. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR TO ALLOW ELECTRICAL, ISOLATORS, CONTROLLERS, ETC. TO BE EASILY ACCESSED AND MAINTAINED.

ACTIVITY	RESIDUAL RISKS	CONTROL MECHANISM & COMMUNICATION
SITE DELIVERY OF MATERIALS (I.E. CONTAINMENT, LUMINAIRES)	- VEHICLE TO PERSON COLLISIONS - MANUAL HANDLING	NOTIFY ALL PARTIES CONCERNED OF DELIVERY DATES AND TIMES. ENSURE ALL PARTIES ARE FULLY AWARE OF THE SITE LOGISTICS PLAN, INCLUDING UNLOADING AND RESTRICTED ACCESS TIMES.
TEMPORARY ELECTRICAL SUPPLIES TO SITE OFFICES, SITE AND SITE COMPOUNDS	- ELECTRIC SHOCK	ENSURE ALL SUPPLIES ARE INSTALLED IN ACCORDANCE WITH IET REGULATIONS, REC REQUIREMENTS AND IN LOCATIONS THAT ARE ONLY ACCESIBLE FOR QUALIFIED AND SUITABLY TRAINED STAFF.
EXTERNAL WORKS AND POSSIBLE PRESENCE OF EXISTING UNDERGROUND SUPPLIES	- DAMAGE TO EXISTING SUPPLIES/ELECTRIC SHOCK	OBTAIN DETAILS OF LOCAL UNDERGROUND SERVICES FROM THE RELEVANT AUTHORITIES AND CARRY OUT A SURVEY OF THE PROPOSED ROUTES. SURVEY PROPOSED ROUTES NOTING OBSTRUCTIONS. HAND DIG ANY AREAS IDENTIFIED AS CONTAINING UNKNOWN ELEMENTS.
ON SITE USE OF TEMPORARY ELECTRICITY SUPPLIES TO PORTABLE EQUIPMENT	- TRIPPING FROM TRAILING LEADS	MINIMISE THE LENGTH OF TRAILING LEADS. LEADS TO BE ROUTED AND CLIPPED TO WALLS AT HIGH LEVEL WHERE POSSIBLE. ROUTES TO BE IDENTIFIED ON SITE PLANS AND HELD BY THE MAIN CONTRACTOR.
DRILLING/CHASING OF WALLS, ETC. FOR CONTAINMENT FIXINGS.	- DUST/INJURY TO EYES. INHALATION OF DUST	APPROPRIATE PPE TO BE USED, E.G. EYE PROTECTION AND DUST MASKS
HANDLING OF HEAVY EQUIPMENT	- INJURY - MUSCLE STRAIN - BONE FRACTURE	ENSURE ADEQUATE LABOUR/MECHANICAL HANDLING EQUIPMENT IS AVAILABLE. ENSURE ALL STAFF ARE AWARE OF PROCEDURES AND WORKING PRACTICES FOR LIFTING OPERATIONS.
GENERAL WORKING	- INJURY TO SITE PERSONNEL AND VISITORS	SITE ACCESS TO BE RESTRICTED AND CONTROLLED. ALL VISITORS TO REPORT TO SITE OFFICE. IT IS THE DUTY OF MAIN CONTRACTOR, ALL PERSONNEL WORKING ON OR VISITING SITE TO HAVE APPROPRIATE PPE FOR THE ENVIRONMENT THEY ENTER OR PASS THROUGH.

ARCHITECT'S DRAWING REFERENCE	REVISION
24003–09	A

Rev	Amendment	Date	By
00 T1	COMMENT ISSUE TENDER ISSUE	30.08.24 14.10.24	BH BH

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Client: NEWCASTLE BUILDING SOCIETY

Project Title: 74 KING STREET MANCHESTER

Drawing Title: MECHANICAL SERVICES ABOVE GROUND DRAINAGE LOWER GROUND FLOOR LAYOUT

Drawn By	Checked By	Approved By
HD	CD	CD
Contract No.	**Date**	**Scale @ A1**
24427	12.08.24	1:50@A1

Status: TENDER

Drawing Number: **24427-CDL-XX-B1-DR-M-5201**

Rev: **T1**

Suitability: **TE**

TENDER