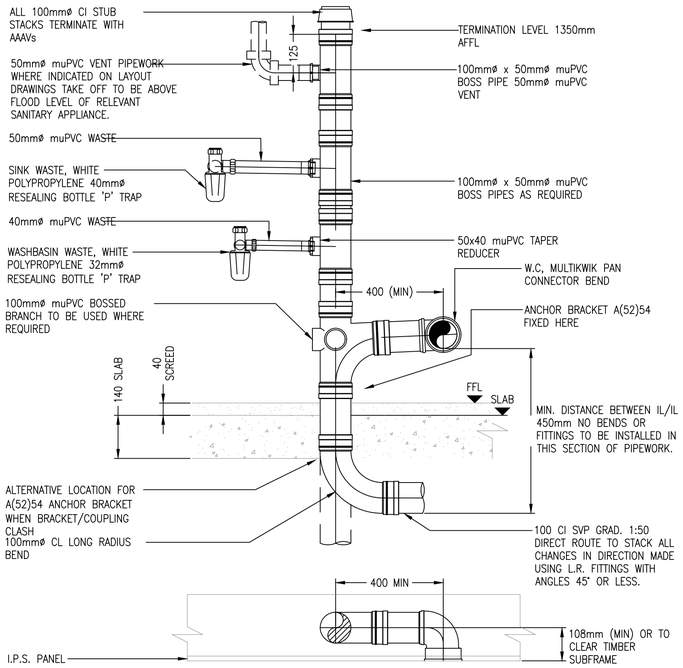
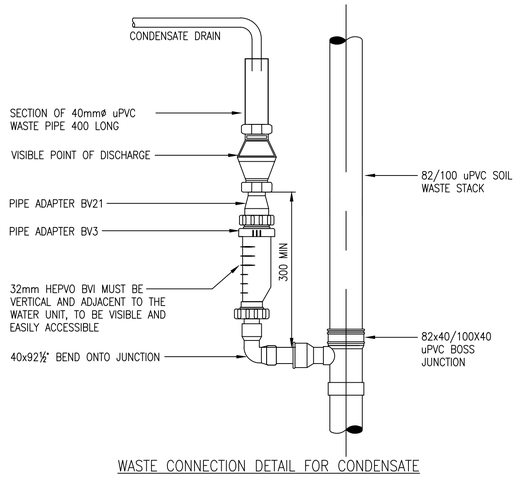
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CHECK ON SITE AND REPORT ALL DISCREPANCIES TO CLARK DEGNAN LIMITED.

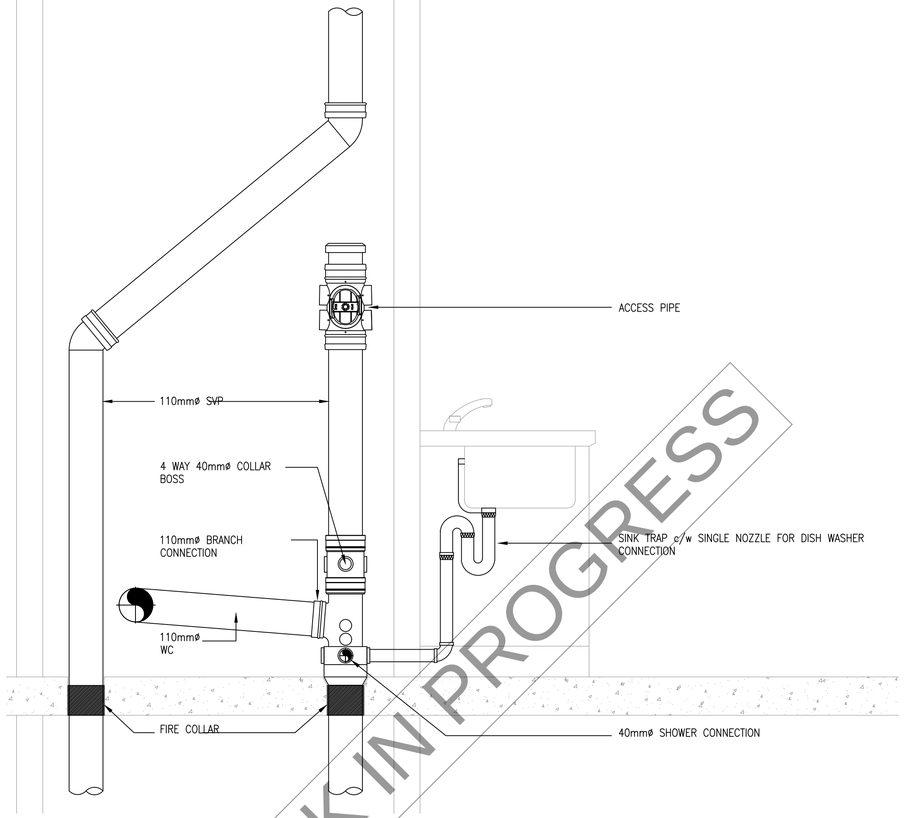


PLAN OF SETTING OUT

SANITARY PIPEWORK COMPONENTS AND SANITARY FITTINGS

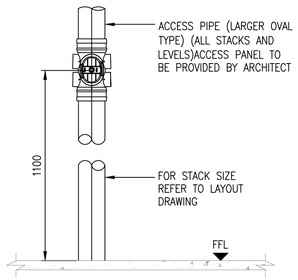


WASTE CONNECTION DETAIL FOR CONDENSATE DRAIN (SCALE: NTS)

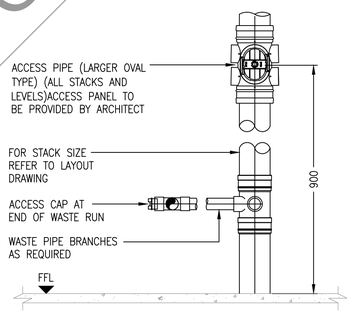


GROUND FLOOR RISER DRAINAGE SECTION

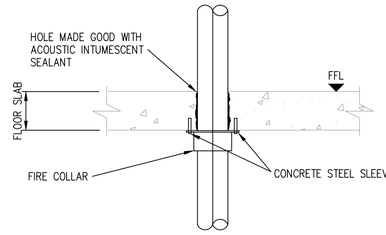
WORK IN PROGRESS



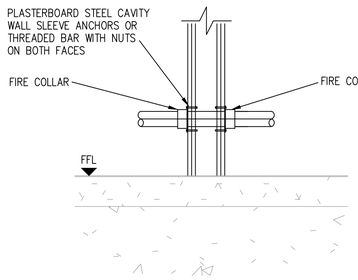
UPVC SOIL VENT STACK WITH ACCESS PIPE



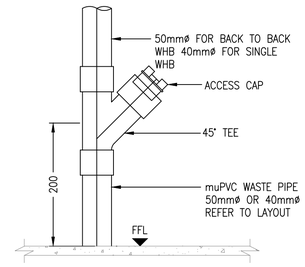
UPVC SOIL VENT STACK WITH WASTE AND ACCESS PIPE



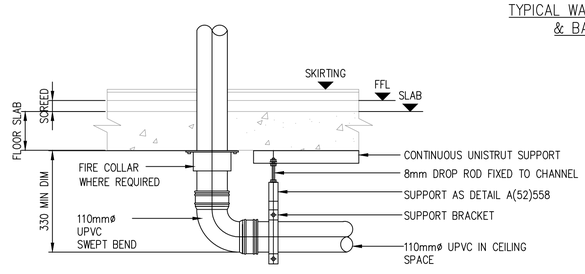
FIRE STOPPING OF 110mm UPVC SOIL STACK THROUGH FLOOR SLAB



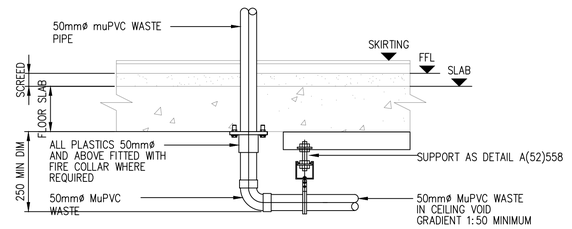
FIRE STOPPING OF PLASTIC DRAINAGE PIPES THROUGH WALLS



TYPICAL WASTE PIPE ARRANGEMENT SINGLE & BACK TO BACK WASHBASIN CONCEALED WASTES



SETTING OUT DETAILS FOR 110mm UPVC SOIL PIPE IN CEILING VOID



SETTING OUT DETAILS FOR 50mm MuPVC SOIL PIPE IN CEILING VOID

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

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

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, CIVIL 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, E.G. PIPEWORK, PACKAGED 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 SAFE UNLOADING AND RESTRICTED ACCESS TIMES.
TEMPORARY ELECTRICAL SERVICE INSTALLATIONS TO SITE AND SITE COMPOUNDS	- ELECTRIC SHOCK	ENSURE ALL SUPPLIES ARE INSTALLED IN ACCORDANCE WITH IEE REGULATIONS, DEC REQUIREMENTS AND IN LOCATIONS THAT ARE ONLY ACCESSIBLE 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 AND ESTABLISH THEIR EXACT LOCATIONS BY A THOROUGH 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 FOR CONTAINMENT FIXINGS	- DUST/INJURY TO EYES FROM INGESTION 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 LABOURME/CHANICAL HANDLING EQUIPMENT IS AVAILABLE. ENSURE CORRECT LIFTING PROCEDURES AND WORKING PRACTICES FOR LIFTING OPERATIONS.
GENERAL WORKING	- INJURY TO SITE PERSONNEL AND VISITORS	SITE ACCESS TO BE RESTRICTED AND CONTROLLED. ALL SITE PERSONNEL AND VISITORS TO BE INDUCTED BY THE MAIN CONTRACTOR. ALL PERSONNEL WORKING ON OR VISITING THE SITE TO BE AWARE OF THE WORKING ENVIRONMENT THEY ENTER OR PASS THROUGH.

ARCHITECT'S DRAWING REFERENCE	REVISION
N/A	N/A

Rev	Amendment	Date	By
T1	TENDER ISSUE	30.09.24	BH

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Client: NEWCASTLE BUILDING SOCIETY

Project Title: 74 KING STREET MANCHESTER

Drawing Title: MECHANICAL SERVICES ABOVE GROUND DRAINAGE TYPICAL DETAILS

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-ZZ-DR-M-5200

Rev: T1

Suitability: TE

TENDER