



Architecture

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REFER TO DWG. GA-RF FOR SECTION LINES

- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT CONTRACT DRAWINGS AND SPECIFICATION CLAUSES.
- THE BUILDING SERVICES WITHIN THE AREA WILL BE INSPECTED AND COMMISSIONED IN ACCORDANCE WITH CIBSE COMMISSIONING CODES & BSRIA COMMISSIONING CODES.
- ALL SERVICE ROUTES SHOWN ARE INDICATIVE ONLY. ALL ROUTES AND LOCATIONS OF PLANT SHALL BE AGREED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- ALL SERVICES SHOWN ON THIS DRAWING INCLUDING SUPPORT BRACKETS AND SUPPLEMENTARY STEELWORK SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS OTHERWISE STATED.
- DUE TO NO RECORD INFORMATION AND LIMITED SURVEY DRAWINGS, CONTRACTOR TO ALLOW FOR POTENTIAL ALTERNATIVE ROUTING / ARRANGEMENT OF PROPOSED SERVICES DUE TO UNFORSSEEN EXISTING STRUCTURAL / SERVICES ELEMENTS AND BUILDING MAKE UP.
- THE CONTRACTOR SHALL ALLOW FOR DESIGN, SUPPLY AND INSTALLATION OF THE REFRIGERANT PIPEWORK SYSTEM INCLUDING ALLOWANCE FOR ALL BRANCH CONTROLLERS, Y-PIECE JOINTS AND HEADER KITS.
- THE CONTRACTOR SHALL ALLOW FOR INSTALLING ALL WIRING AND CABLING FOR WALL MOUNTED CONTROLLERS. TEMPERATURE SENSORS AND BRANCH CONTROLLERS AND PROVISION FOR POWER SUPPLIES TO ALL NEW ITEMS.
- THE CONTRACTOR SHALL INSTALL THE NEW FAN COIL UNITS AND ALL ANCILLARY ITEMS IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
- INTERCONNECTING REFRIGERANT PIPEWORK SHALL BE INSTALLED IN COPPER PIPEWORK TO BS 1057 AND IT SHALL BE INSULATED WITH ARMAFLEX CLOSED CELL, CLASS 0 INSULATION ACCORDING TO BS 5970. THE PIPEWORK SHALL BE INSTALLED ON MEDIUM DUTY GALVANISED CABLE TRAY, SUPPORTED ON UNI-CHANNEL WITH FLEXIBLE INSERTS. SUPPORT INTERVALS SHALL NOT EXCEED 1.5M. PIPEWORK RUN EXTERNALLY IS TO BE PROTECTED ACROSS ITS ENTIRE LENGTH USING BIRD MESH.
- PIPEWORK WILL BE INSTALLED ON GALVANISED TRAY. ALL TRAY WILL BE INSTALLED EITHER AT 0° (HORIZONTALLY) OR 90° (VERTICALLY). ALL REFRIGERANT PIPEWORK IS TO BE SUPPORTED ON CABLE TRAYS WITHIN THE CEILING VOID TO BE PROVIDED BY THE AIR-CONDITIONING INSTALLER.
- POWER & CONTROLS WIRING FROM THE OUTDOOR TO INDOOR UNITS IS TO BE UNDERTAKEN BY THE AIR-CONDITIONING CONTRACTOR.
- ALL REFRIGERANT PIPEWORK SHALL BE INSTALLED USING GOOD REFRIGERATION PRACTICE IN STRICT ACCORDANCE WITH BS EN 378, BS EN 12449 PTC, CIBSE CODE R, BS EN 378 & THE MANUFACTURERS INSTRUCTIONS.
- ALL PIPEWORK LENGTHS SHALL BE VERIFIED PRIOR TO ORDERING THE EQUIPMENT TO ENSURE THAT THE MANUFACTURERS MAXIMUM LENGTHS ARE NOT EXCEEDED IN ANY PART OF THE SYSTEM.
- CABLING TO CONTROL PANEL TO BE INSTALLED FLUSH MOUNTED.
- INTUMESCENT COLLARS SHALL BE INSTALLED ON ALL PIPEWORK PASSING THROUGH FIRE COMPARTMENTS/BARRIERS.
- REFRIGERANT PIPEWORK TO BE INSTALLED ON MEDIUM DUTY CABLE TRAY AND SUPPORTED ACROSS ITS LENGTH WITH SUPPORTS BEING NO FURTHER THAN 1.5m APART.

no.	date	description	drawn	checked



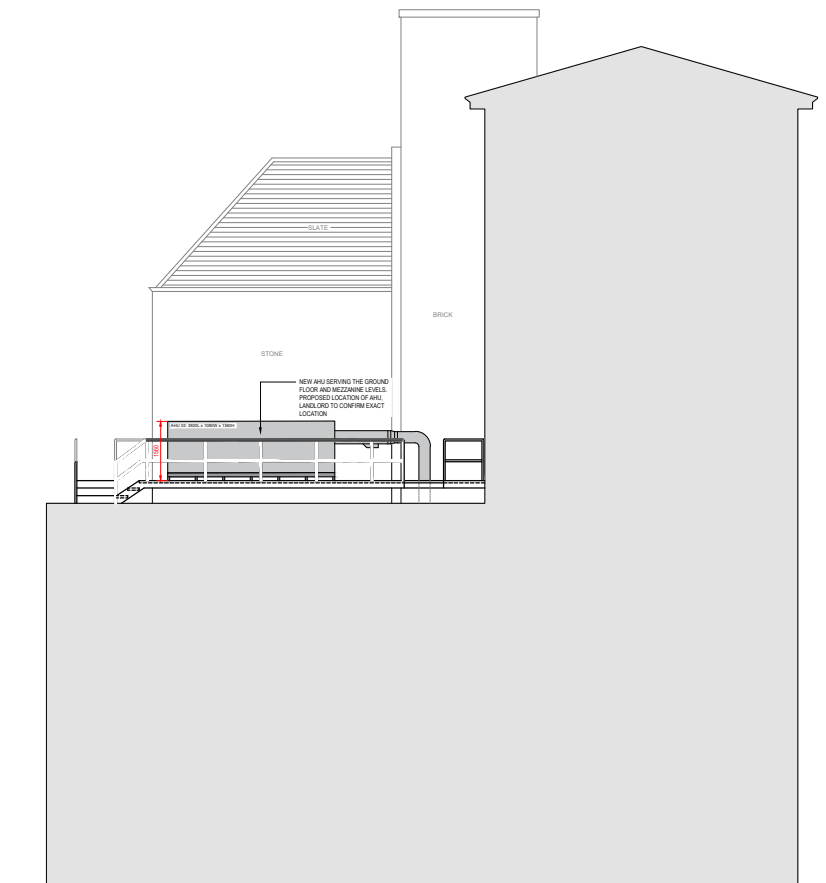
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10 GORDON STREET
GLASGOW
G1 3PL

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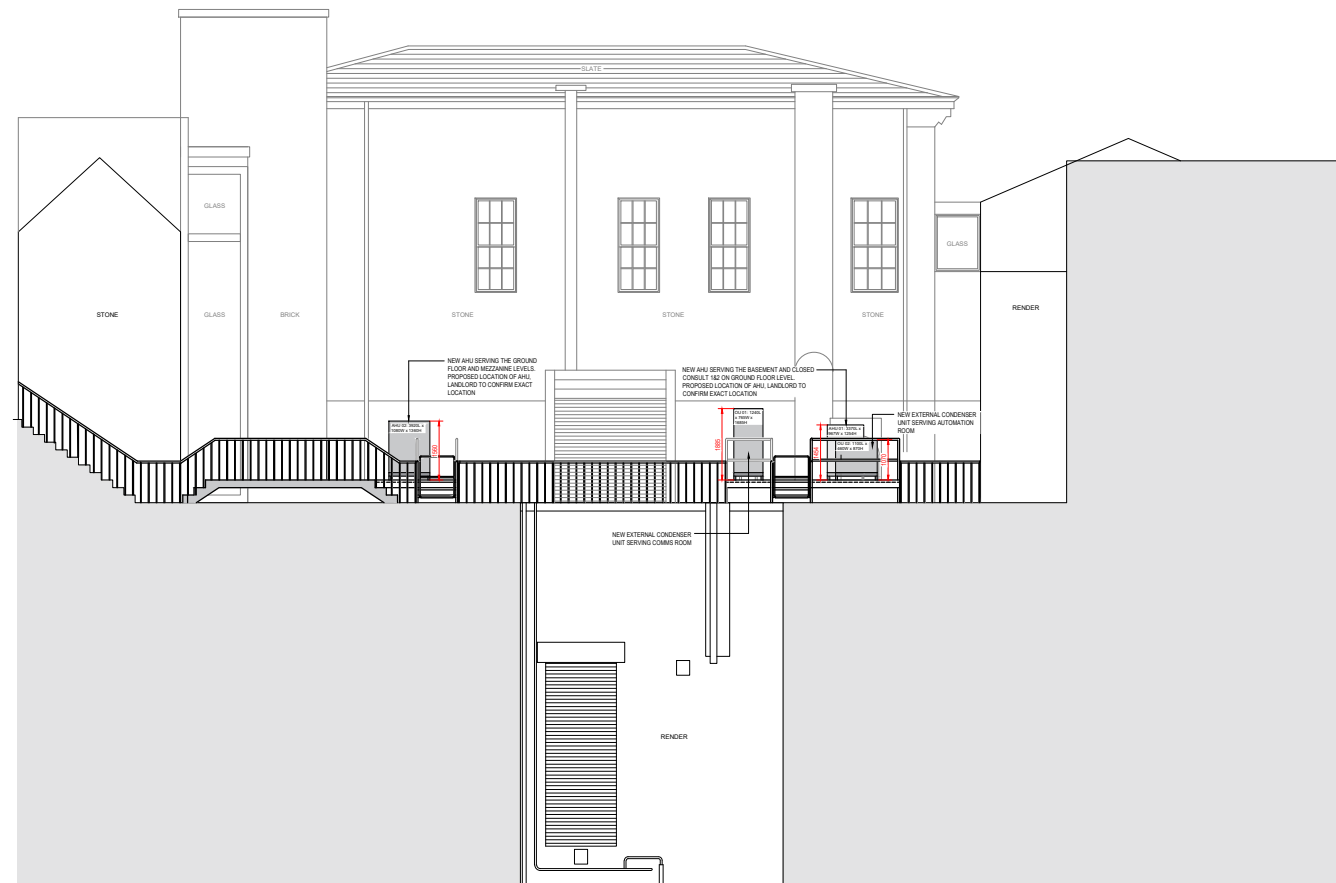
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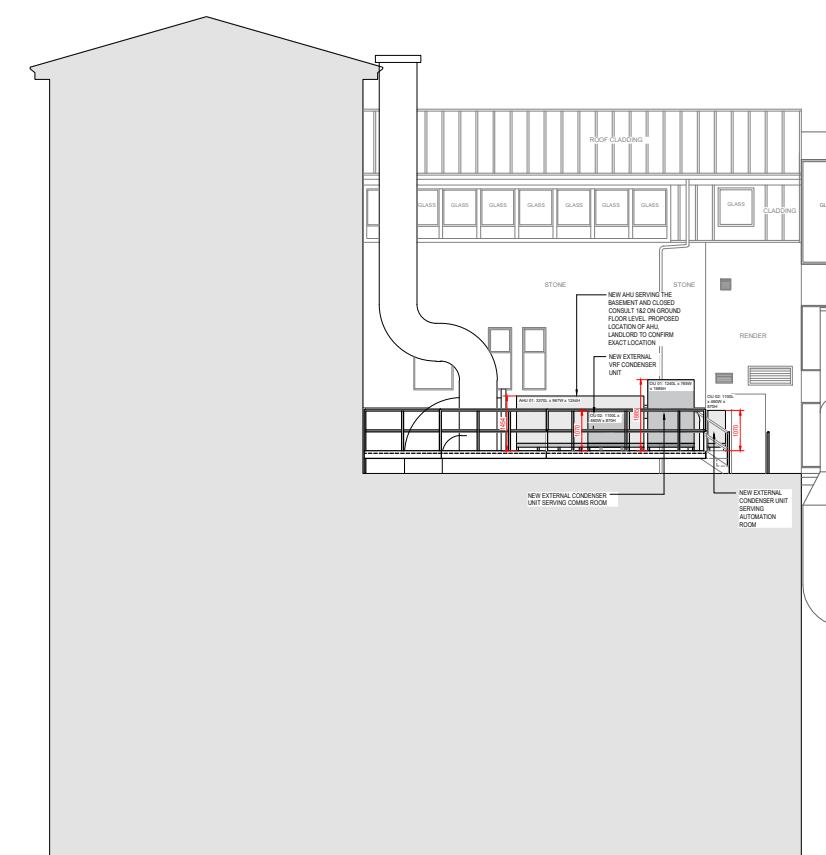
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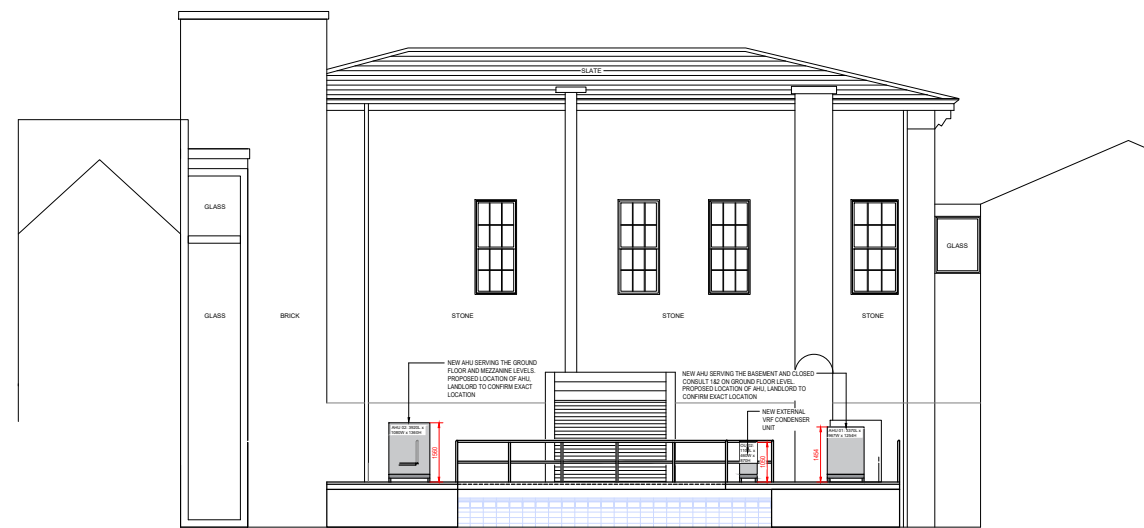
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3 SECTION C-C
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4 SECTION D-D
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