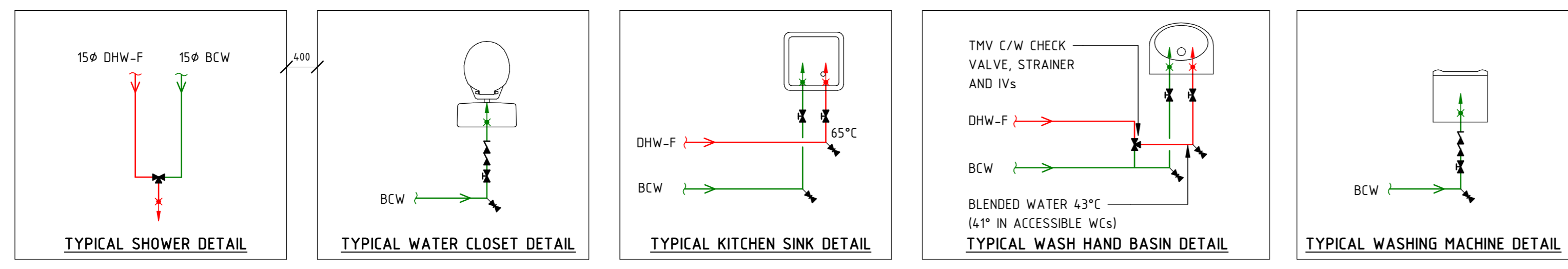


THIS DRAWING IS BASED ON:

123007-AGL-ZZ-22-03-003 - Architects Model



**GENERAL NOTES**

- FOR BUILDING SERVICES INFORMATION ONLY.
- THIS DRAWING SHALL BE READ IN COLOUR.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SCHEDULES & ANY ASSOCIATED SPECIFICATION.
- ALL BUILDING FABRIC PENETRATIONS SHALL BE SEALED IN ACCORDANCE TO THE BUILDING FABRIC MANUFACTURERS SPECIFICATION AND REQUIREMENTS TO ENSURE THE FIRE RESISTANCE AND/OR FIRE-RETARDANT CHARACTERISTICS AND WEATHER RESISTANCE CHARACTERISTIC OF SUCH MATERIALS ARE NOT COMPROMISED. EXACT FIRE AND WEATHER SEALING DETAILS ARE A CONTRACTOR DESIGN ELEMENT.
- FOR FINAL VALVE ARRANGEMENT REFER TO RELEVANT SERVICE SCHEMATIC.

**VENTILATION NOTES**

- ALL DUCTWORK SHALL CONFORM TO DW 144.
- ACCESS DOORS SHALL BE PROVIDED IN ACCORDANCE WITH DW 144. POSITIONS TO BE DETERMINED & AGREED ON SITE.
- ALL GRILLES & DIFFUSERS TO BE LOCATED CENTRALLY WITHIN CEILING TILES UNLESS OTHERWISE STATED.
- A MAXIMUM OF 500mm OF FLEXIBLE DUCTWORK TO BE USED FOR FINAL CONNECTIONS INTO GRILLES.
- ALL GRILLES & DIFFUSERS ARE TO HAVE SUITABLY SIZED PLENUM BOX TO SUIT SPIGOT DIMENSIONS.

**HEATING NOTES**

- THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR EXPANSION BELLOWS & LOOPS WITH ALL ASSOCIATED BRACKETRY, GUIDES & ANCHORS. EXPANSION BELLOWS TO BE CONFIRMED BY SPECIALIST.
- ALL PIPEWORK PASSING THROUGH WALLS & FLOORS TO BE SLEEVED & FIRE STOPPED TO BS EN 1366-3. NON-NORMATIVE CONSTRUCTION TYPES SHOULD BE TO BS-476 AND SUBJECT TO BUILDING CONTROL APPROVAL. WHERE PASSING THROUGH FIRE WALLS/CAVITY BARRIERS/FLOORS, SLEEVES TO BE FLUSH WITH SERVICES WHERE PIPEWORK IS EXPOSED.
- ALTHOUGH NOT SHOWN, INCLUDE FOR AAV'S AT ALL HIGH POINTS & DRAIN COCKS AT ALL LOW POINTS ON THE SYSTEM.
- ALL PIPEWORK TO BE PRESSURE TESTED PRIOR TO THE APPLICATION OF INSULATION.

**DOMESTICS NOTES**

- ALL DEADLEGS ARE TO BE KEPT TO AN ABSOLUTE MINIMUM.
- ALTHOUGH NOT SHOWN, INCLUDE FOR AUTOMATIC AIR VENTS AT ALL HIGH POINTS AND DRAIN COCKS AT ALL LOW POINTS ON THE SYSTEM.
- THE INSTALLATION SHALL COMPLY WITH THE WATER SUPPLY (WATER FITTINGS) REGULATIONS 1999 IN EVERY RESPECT.
- ALL DHW FLOW & RETURN PIPEWORK SHALL BE EQUIPPED WITH ALL VALVES REQUIRED TO BALANCE THE SYSTEM.
- CHROME PLATED SCREW DRIVER OPERATED SERVICE VALVES TO BE INSTALLED TO ALL SANITARY APPLIANCES. NO VALVES TO BE INSTALLED IN BOXING.

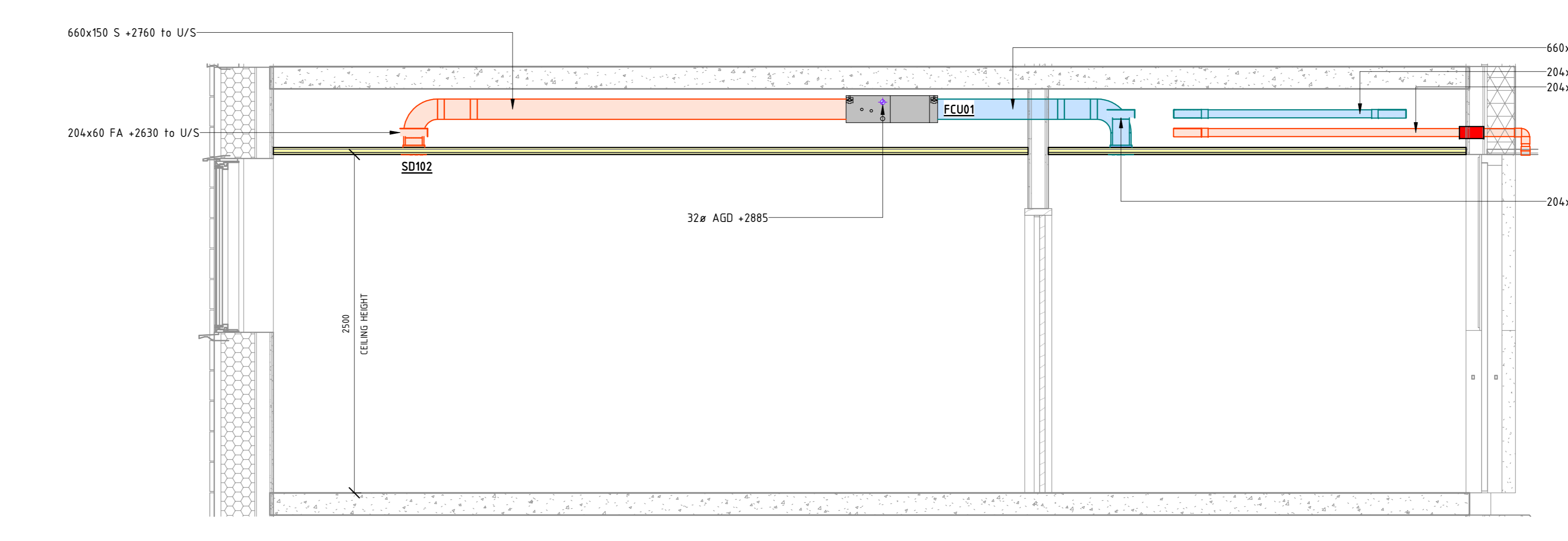
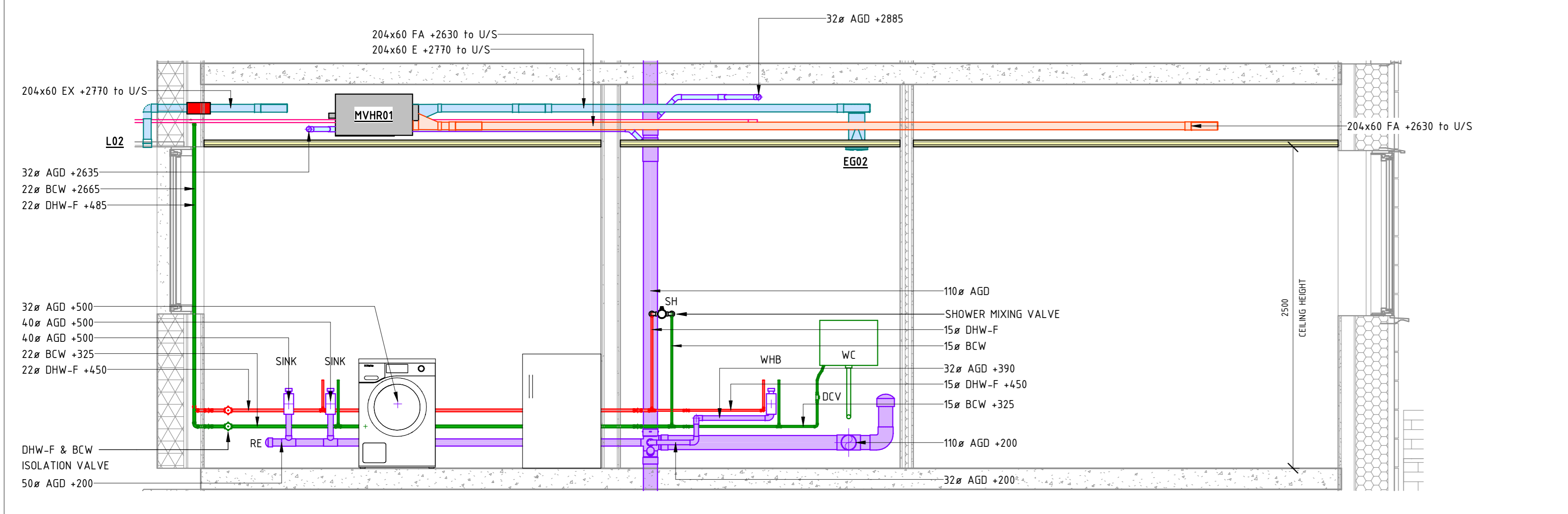
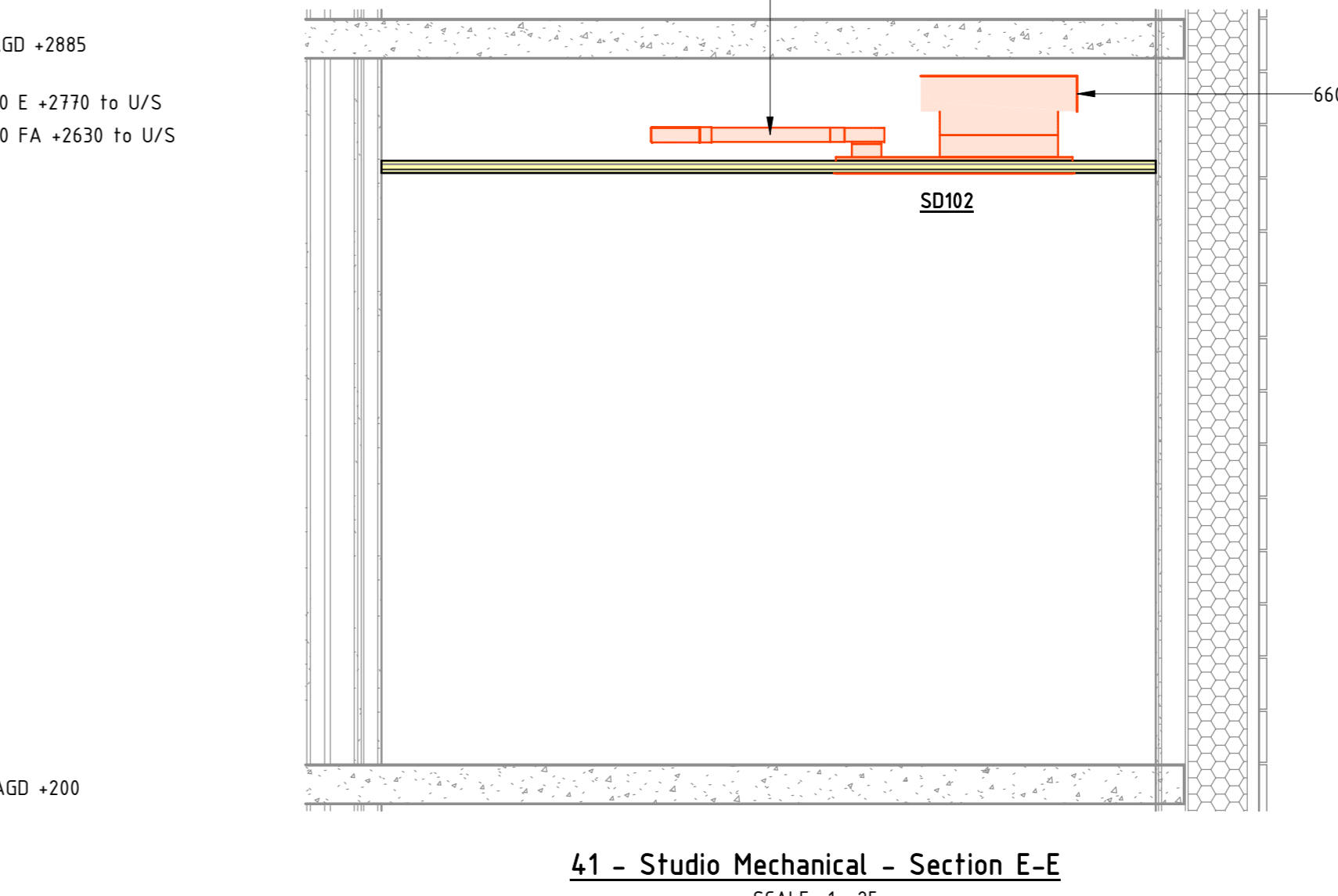
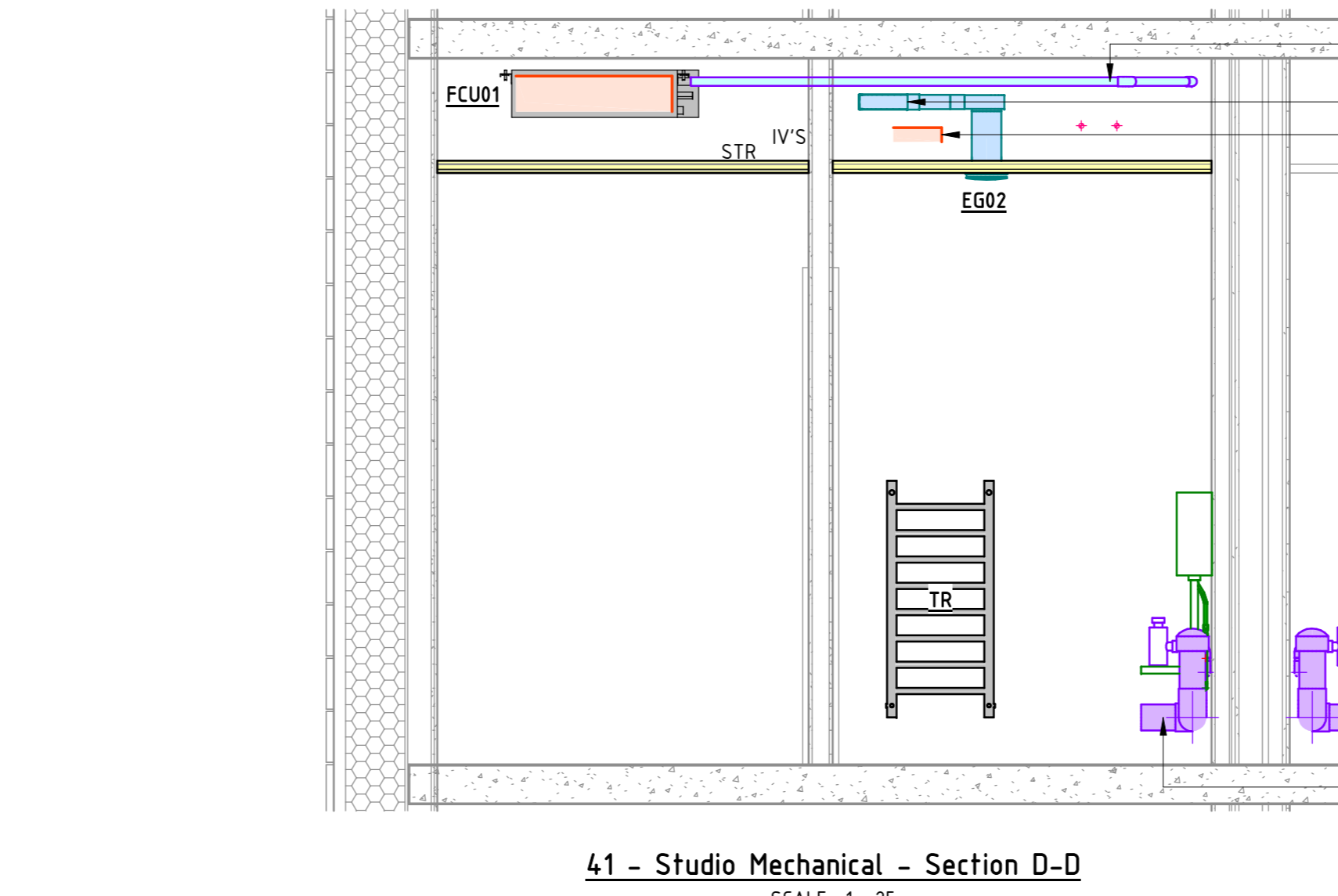
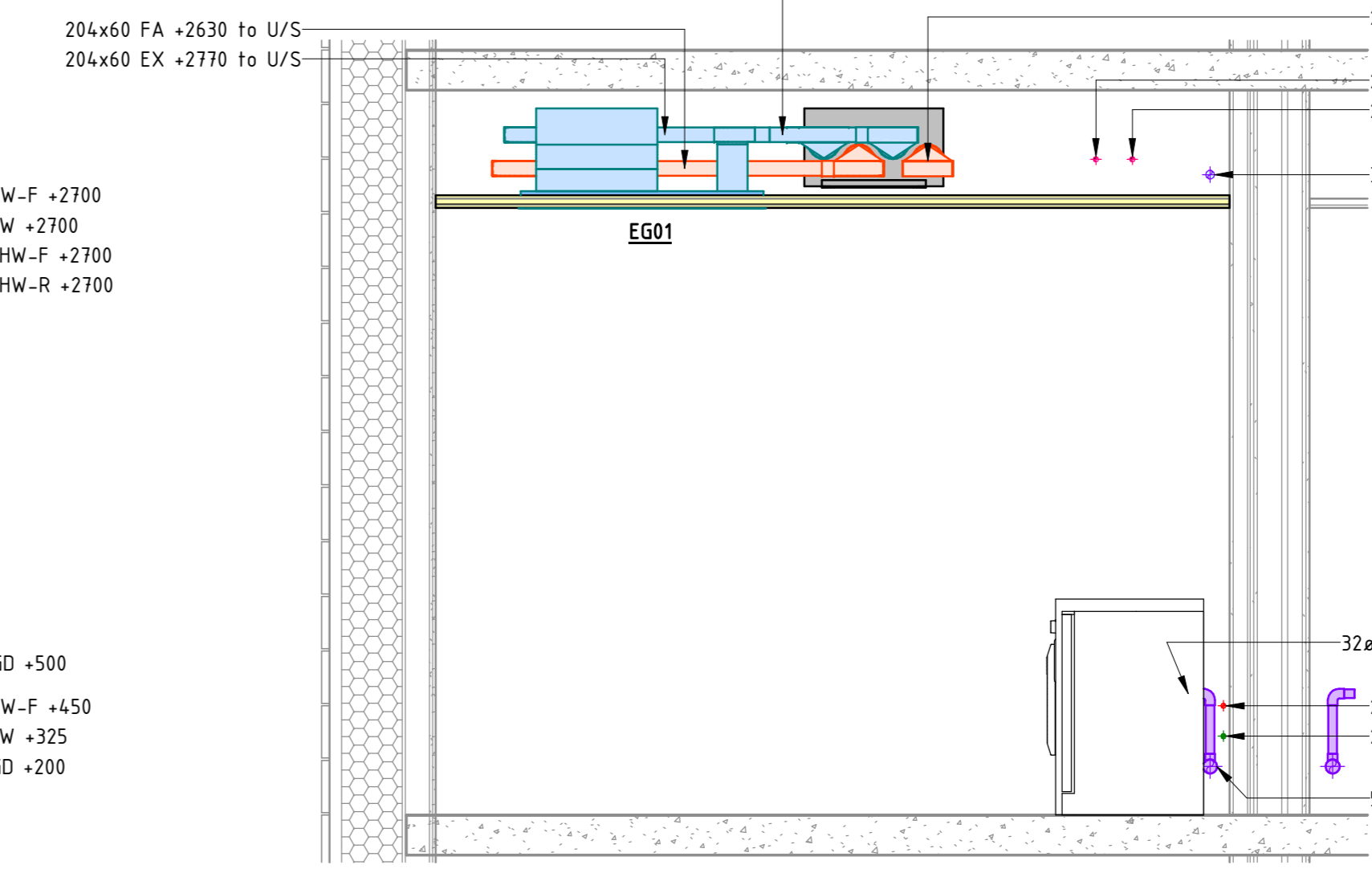
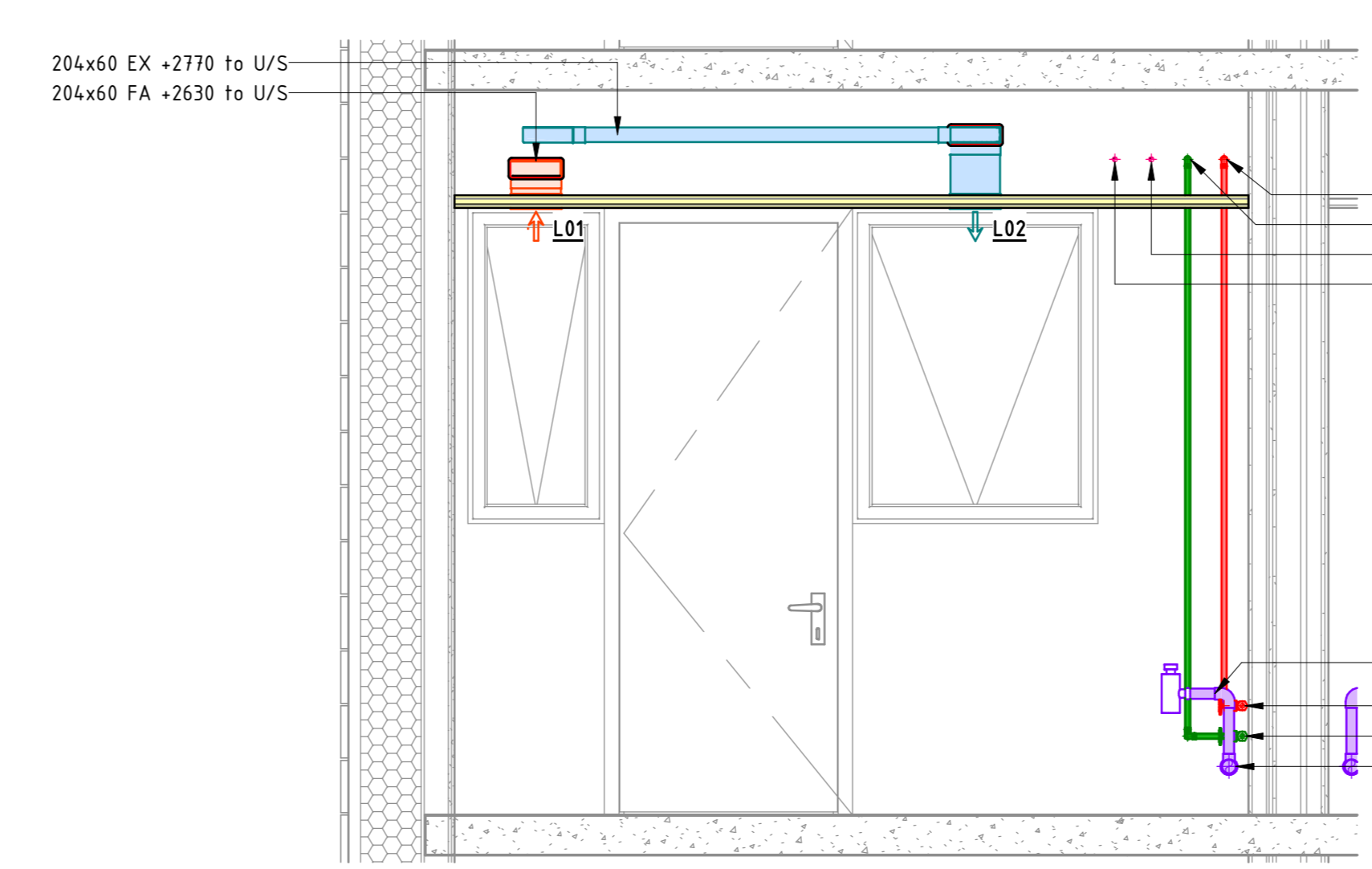
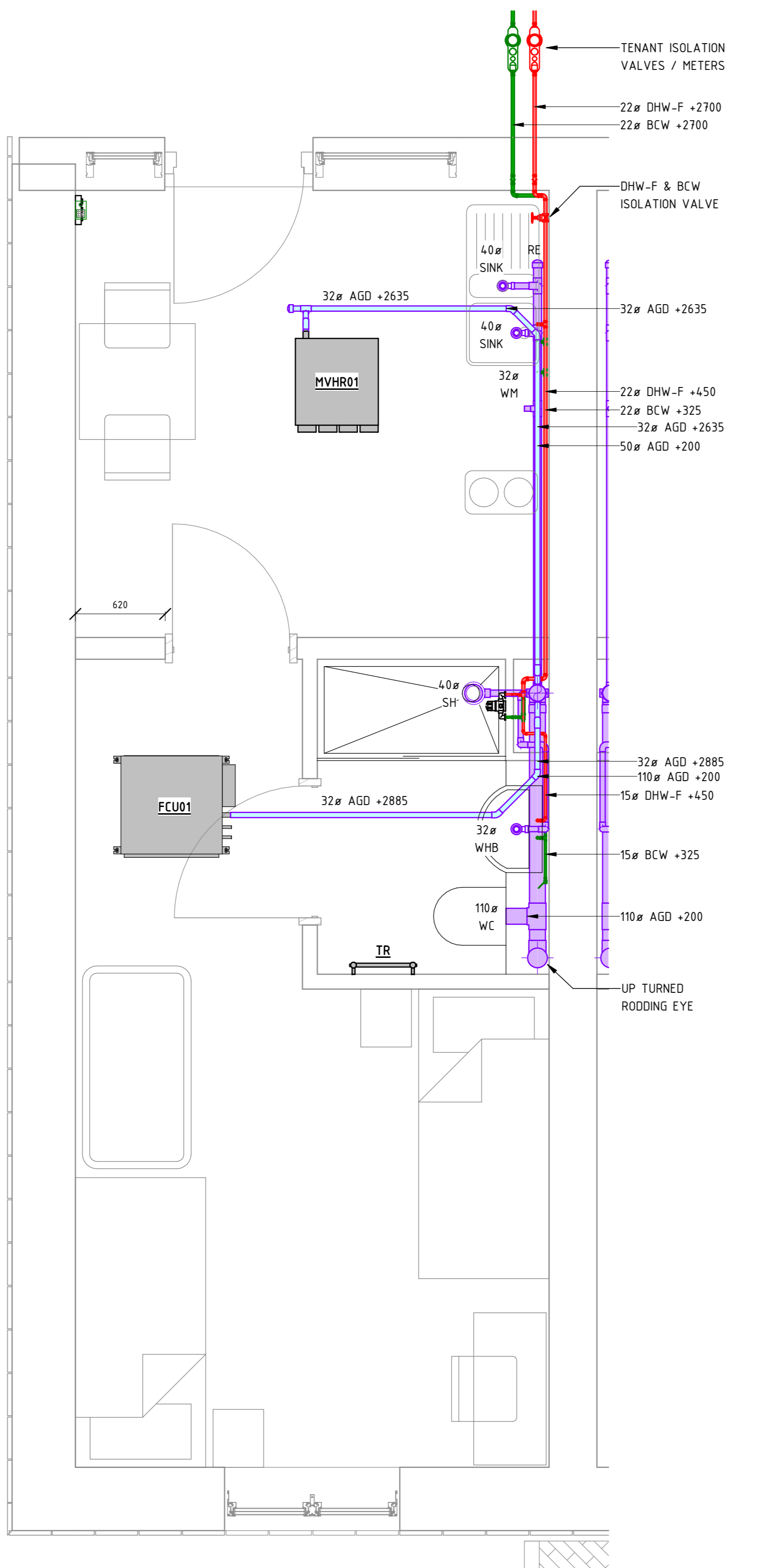
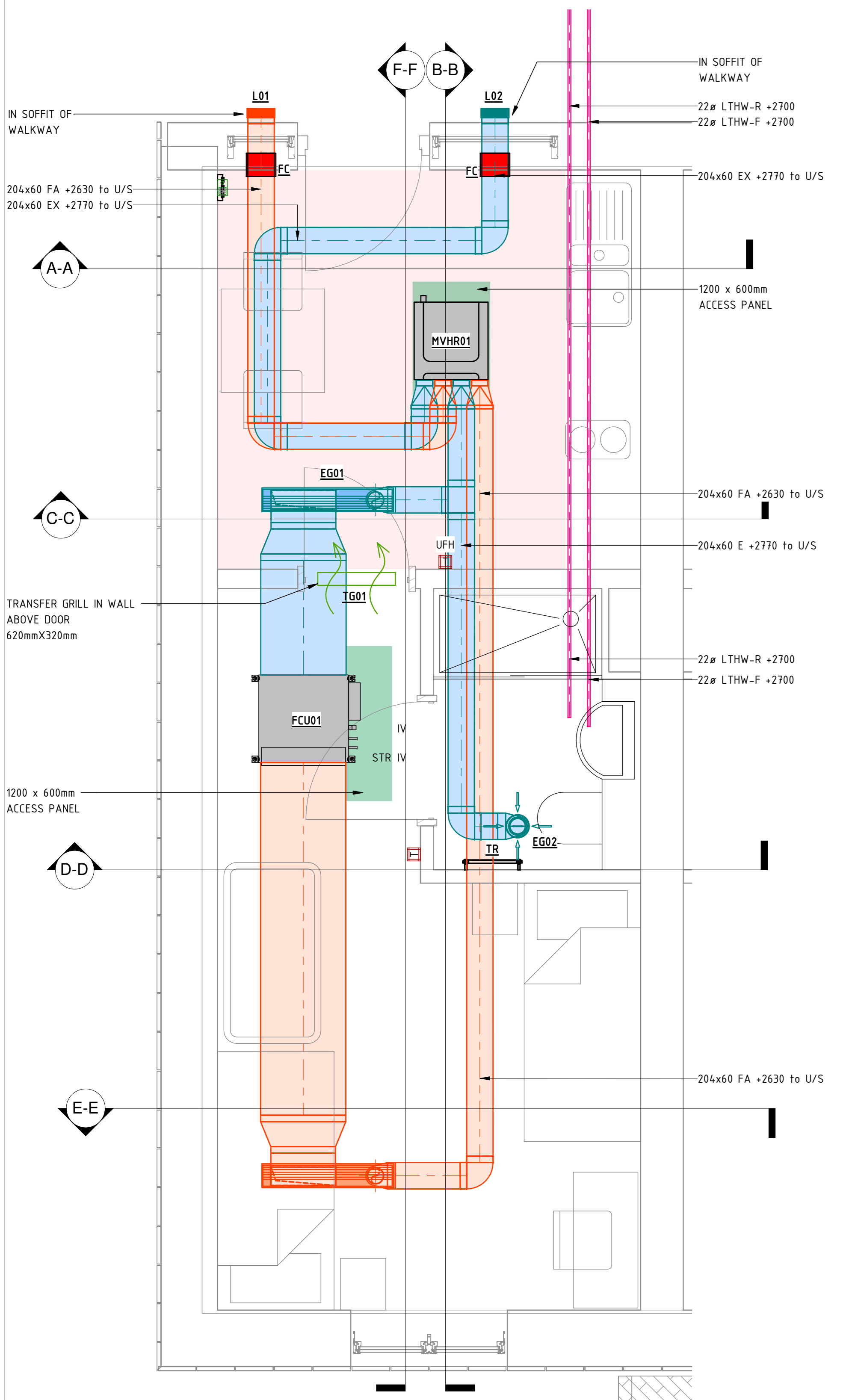
**DRAINAGE NOTES**

- ALL ABOVE GROUND DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT H & BS EN 12056-PARTS 1-5 2000.
- ACCESS PANEL TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 12056-PARTS 1-5 2000.
- ALL DRAIN POINT CONNECTIONS INCLUDING CONNECTORS ARE TO BE LEFT BY THE UNDERGROUND DRAINAGE INSTALLER.
- ALL SOIL FLOATS ARE TO BE INSTALLED USING A PROPRIETARY WC MANIFOLD SYSTEM & LAID TO A FALL OF 1 DEGREE (17mm DROP PER METRE RUN).
- ALL SEALED TRAPS TO BE A MINIMUM OF 75mm DEEP.
- CONDENSATE FROM AC UNITS & AHU DRAINS TO BE RUN TO NEAREST SUITABLE FOUL DRAIN LOCATION TO BE C/W SELF SEALING TRAP.
- EXPANSION COLLARS ARE TO BE INSTALLED AS REQUIRED BY PIPEWORK MANUFACTURER.

| MECHANICAL APARTMENT LEGEND |                              |
|-----------------------------|------------------------------|
| SYMBOL                      | DESCRIPTION                  |
|                             | SUPPLY DUCTWORK              |
|                             | EXTRACT DUCTWORK             |
|                             | TRANSFER GRILLE              |
|                             | DOMESTIC HOT WATER PIPEWORK  |
|                             | BOOSTED COLD WATER PIPEWORK  |
|                             | LOW TEMPERATURE HOT WATER    |
|                             | FOUL WATER PIPEWORK          |
|                             | CONDENSATE PIPEWORK          |
|                             | SHOWER FLOOR GULLY           |
|                             | ELECTRIC HEATER              |
|                             | WALL MOUNTED THERMOSTAT      |
|                             | ELECTRIC UNDER FLOOR HEATING |
|                             | FIRE COLLAR                  |

| MECHANICAL APARTMENT ABBREVIATIONS |                                      |
|------------------------------------|--------------------------------------|
| AGD                                | ABOVE GROUND DRAINAGE                |
| BCW                                | BOOSTED COLD WATER                   |
| DHW                                | DOMESTIC HOT WATER                   |
| FC                                 | FIRE COLLAR                          |
| FCU                                | FAN COIL UNIT                        |
| LTHW                               | LOW TEMPERATURE HOT WATER            |
| MVHR                               | MECHANICAL VENTILATION HEAT RECOVERY |
| TR                                 | TOWEL RAIL                           |
| UFH                                | UNDERFLOOR HEATING                   |
| WC                                 | WATER CLOSET                         |
| WD                                 | WASHER DRYER                         |
| WHB                                | WASH HAND BASIN                      |
| WM                                 | WASHING MACHINE                      |



| Rev | Description                  | Date       |
|-----|------------------------------|------------|
| P01 | STAGE 4 - ISSUED FOR COMMENT | 20.11.2023 |

|                             |   |
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Client: **MORGAN SINDALL**

Stage: **STAGE 4**

Project: **CAMDEN HOSTELS CAMDEN ROAD**

Title: **STUDIO APARTMENT MECHANICAL SERVICES**

|   |  |
|---|--|
| CD: E.Thornton<br>MD: A.Hirst<br>Design/Drawn: UNCLASSIFIED<br>Project No: 123007-AGL-CA-ZZ-DR-M-4101 | CA: A.Moss<br>CB: M.Burkinshaw<br>Date: 20.11.2023<br>Scale: A0 1:50 |
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