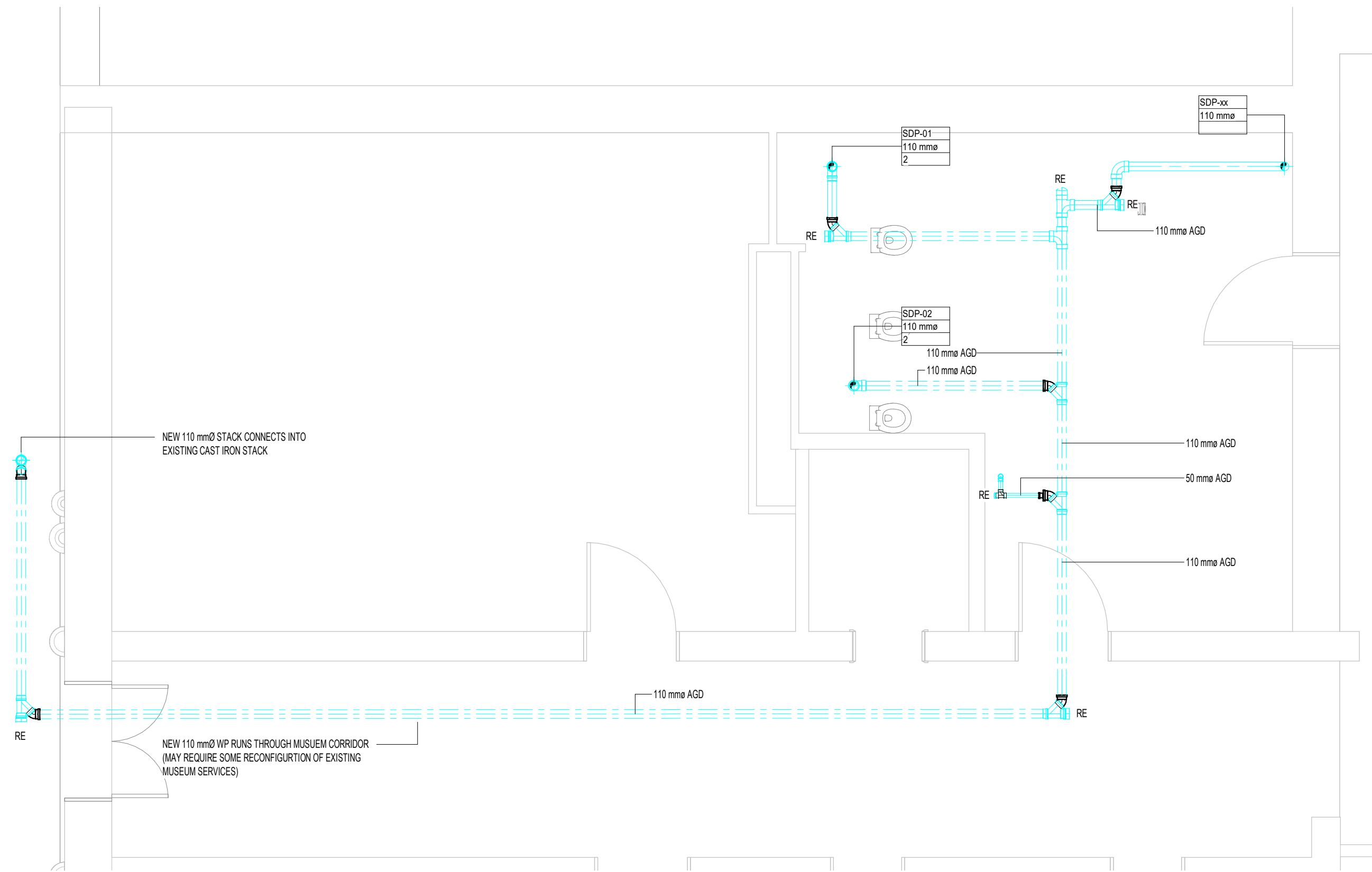
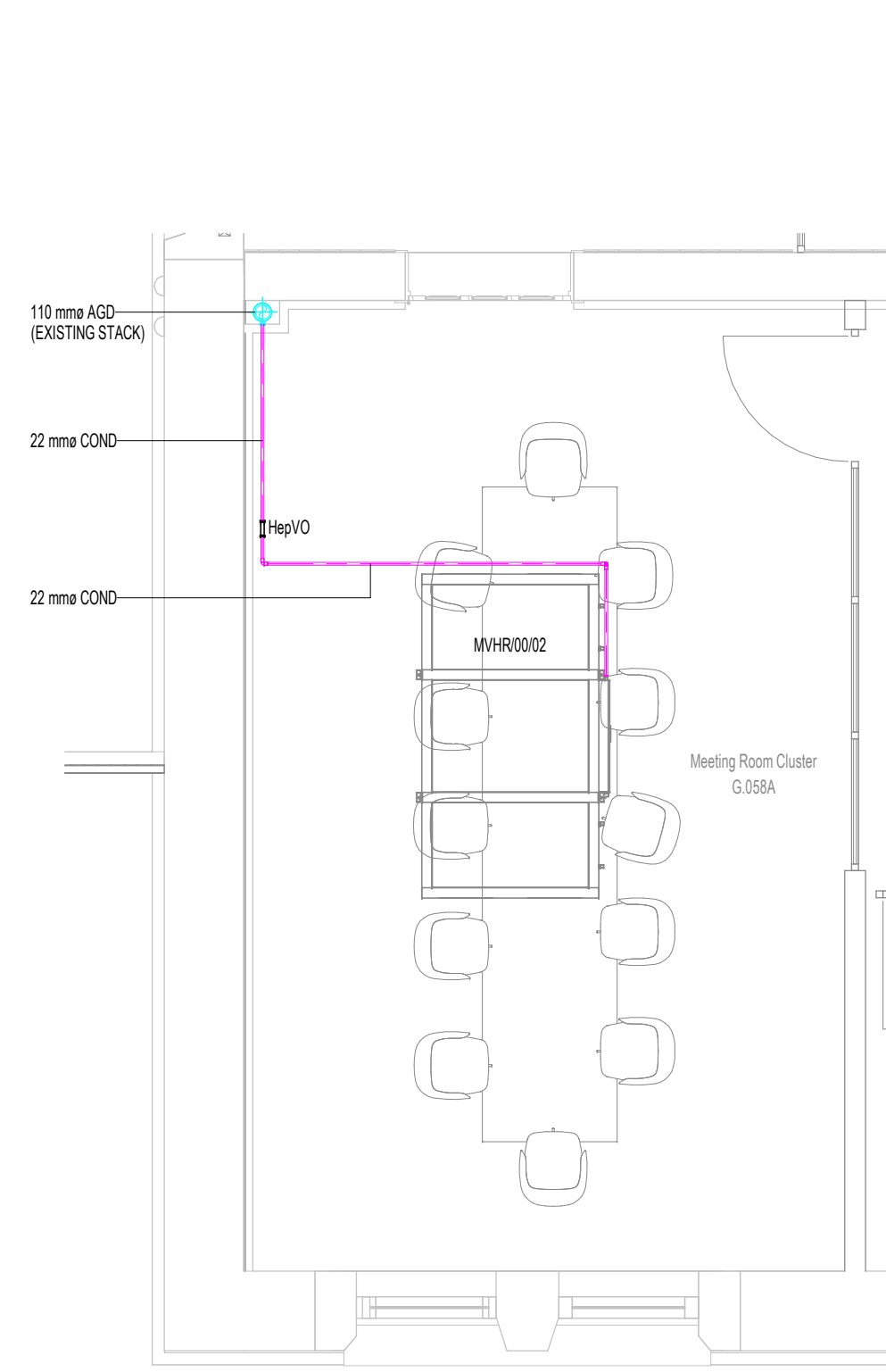
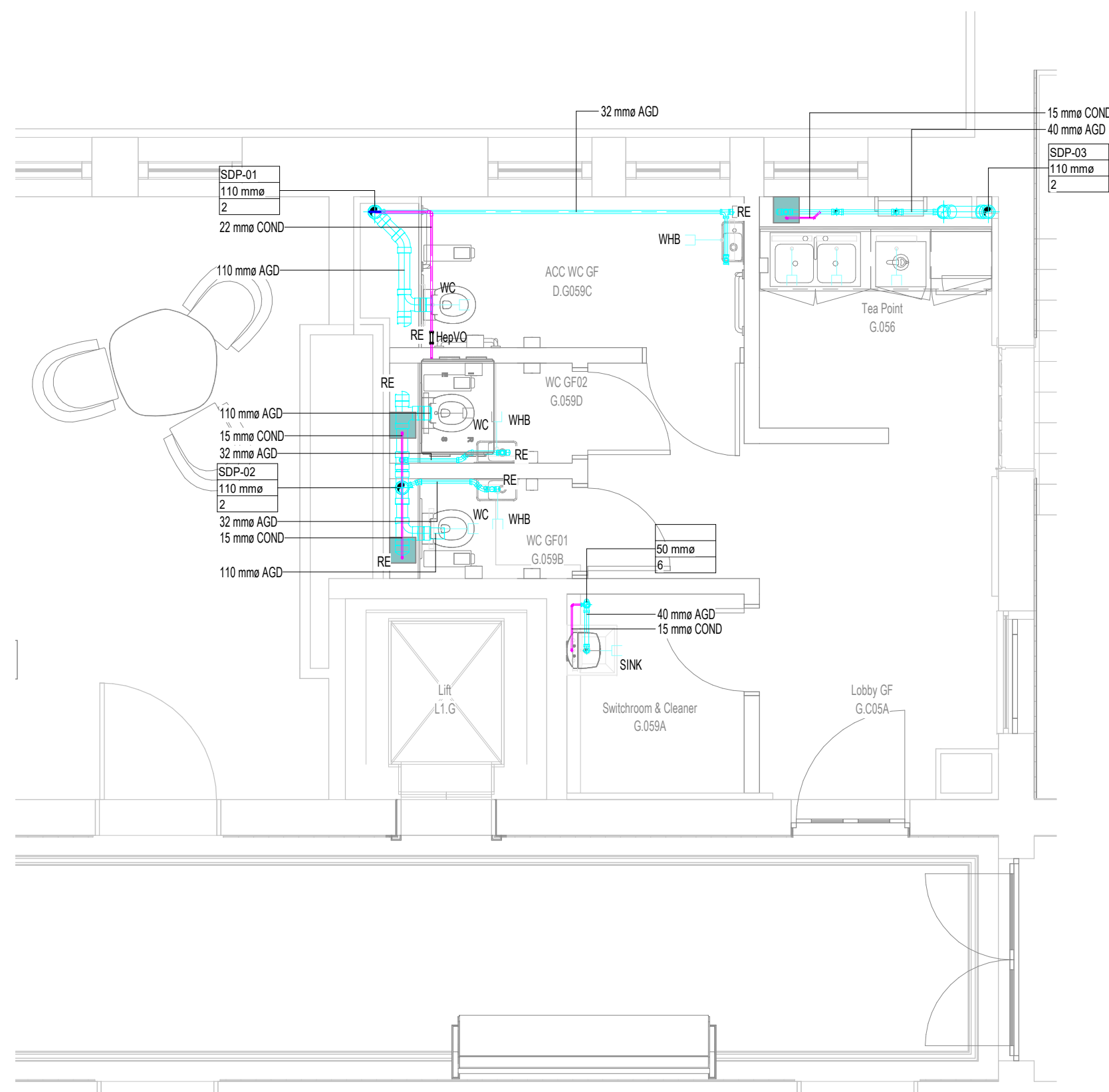




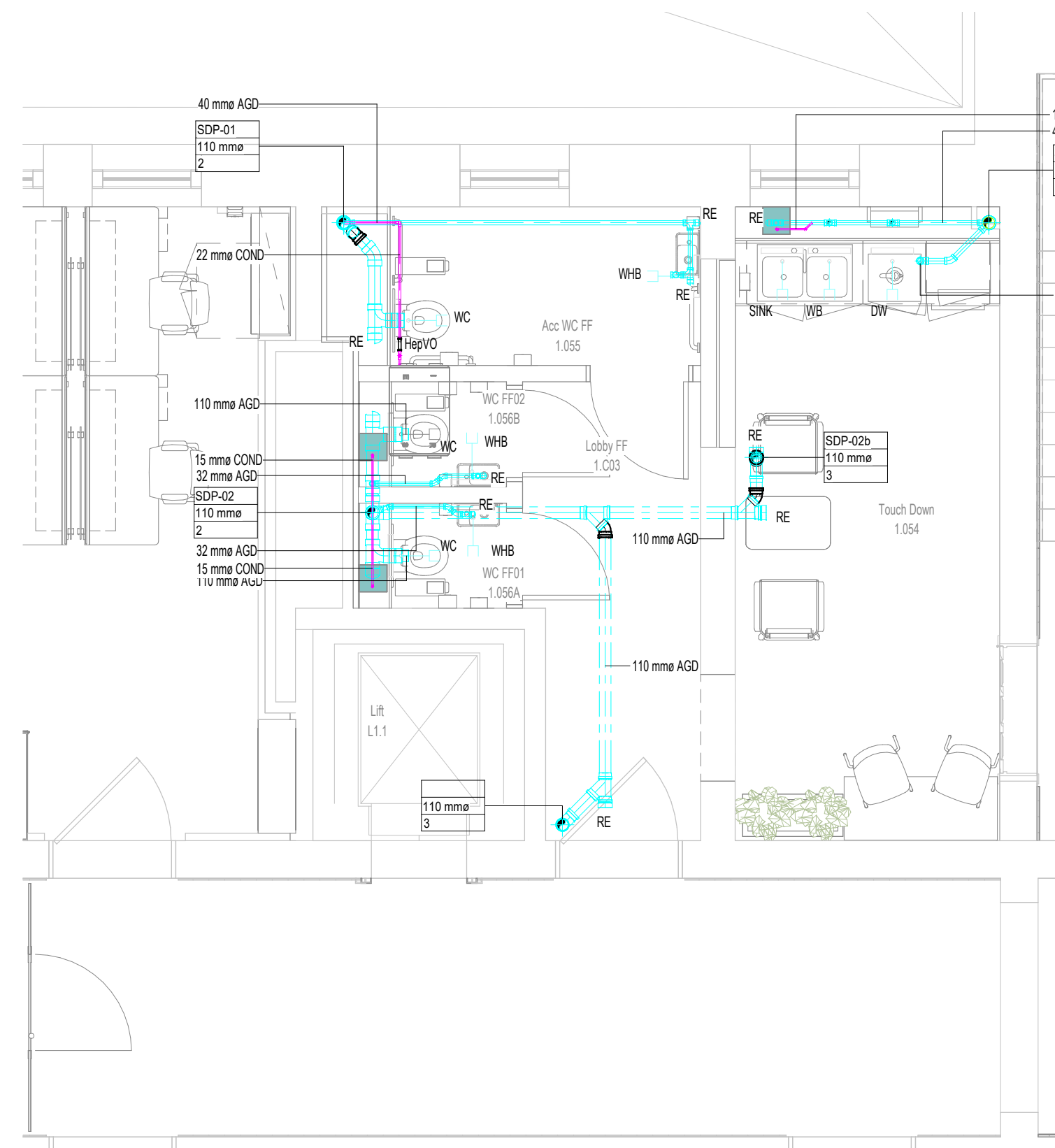
1 B1 - Drainage Design
1 : 50



2 00 - Drainage Design - Meeting Room Cluster
1 : 50



3 00 - Drainage Design
1 : 50



4 01 - Drainage Design
1 : 50



5 02 - Drainage Design
1 : 50

ABOVE GROUND DRAINAGE NOTES:

1. ALL FINAL CONNECTIONS TO WC TO BE 1100 UNLESS OTHERWISE STATED.
2. ALL FINAL CONNECTIONS TO BATH & SINKS TO BE 400 UNLESS OTHERWISE STATED.
3. ALL FINAL REMAINING APPLIANCES TO BE 320 UNLESS OTHERWISE STATED.
4. ALL SOIL AND WASTE TO BE UPVC UNLESS OTHERWISE STATED.
5. ALL STUB WPS TO BE COMPLETED WITH RODDING EYE AT LOW LEVEL.
6. ALL BELOW GROUND CONNECTION POINTS TO BE CONFIRMED BY CIVILS.
7. ALL BELOW GROUND DRAINAGE RUNS TO BE CONFIRMED BY CIVILS.
8. ARCHITECT TO CONFIRM ALL BOXING DETAILS AS NECESSARY.
9. ALL CONDENSATE PUMPED 1:100 FALL AND ROUTED TO NEAREST STACK.
10. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STANDARD DETAIL AND THE ABOVE GROUND SANITATION SYSTEM.
11. ALL SVP'S FITTED WITH ACCESS DOOR 1100mm ABOVE FFL ALL STACKS ALL LEVELS.
12. ALL SANITARY APPLIANCES MUST BE FITTED WITH RE-SEALING BOTTLE OR TUBULAR TRAPS AS MANUFACTURER/MCALPINE OR EQUIVALENT AND APPROVED.
13. ALL 110 UPVC STUB STACKS TERMINATE WITH RAV ABOVE FLOOD LEVEL IN VENTILATED PLUMBING DUCT.
14. ALL GROUND FLOOR SHOWER DRAIN/FLOOR GULLIES TO BE LOCATED BY THE ARCHITECT AND DETAILED BY CIVILS (BELOW SLAB DRAINAGE) INTUMESCENT FIRE COLLAR TO BE PROVIDED AT ALL FIRE COMPARTMENT WALLS AND FLOORS.
15. INVERT LEVEL OF ALL BELOW GROUND DRAINAGE CONNECTIONS TO BE MORE THAN 750mm.
16. ALL TAIL CONNECTIONS TO BE HARD PIPES.
17. EXPOSED AGD WITHIN MUSEUM AREAS TO BE BOXED IN AND WITH GRADIENT TOWARDS THE CLOSEST VERTICAL STACK ARCHITECT TO PROVIDE BOX IN DETAILS.
- 18.

LEGEND:

- | | |
|--|---------------------------------|
| | DRAINAGE - ABOVE GROUND |
| | DRAINAGE - CONDENSATE |
| | DRAINAGE - RAIN WATER |
| | DRAINAGE - VENT |
| | PIPEWORK - CEILING VOID |
| | PIPEWORK - FLOOR VOID |
| | PIPEWORK - HIGH LEVEL |
| | PIPEWORK - LOW LEVEL |
| | AGD ABOVE GROUND DRAINAGE |
| | AGDV ABOVE GROUND DRAINAGE VENT |
| | COND CONDENSATE |
| | FG FLOOR GULLY |
| | SG SHOWER GULLY |
| | RE RODDING EYE |

STACK NOTES:

1. 110mmØ SOIL PIPE DTB
2. 110mmØ SOIL PIPE DFA, DTB
3. 110mmØ SOIL PIPE DFA TO HL
4. 110mmØ SOIL PIPE DTB FROM HL
5. 110mmØ SOIL PIPE DTB WITH STUB STACK
6. 50mmØ WASTE PIPE DTB WITH STUB STACK
7. 50mmØ WASTE PIPE DFA TO HL
8. 50mmØ WASTE PIPE DTB FROM HL
9. 50mmØ WASTE PIPE DFA DTB
10. 110mmØ VENT PIPE RTA
11. 110mmØ VENT PIPE RFB TO HL
12. 110mmØ VENT PIPE RFB RTA
13. 110mmØ VENT PIPE RTHL
14. 110mmØ VENT PIPE RTA FROM HL
15. 110mmØ VENT PIPE RFB TO TERMINATE ABOVE ROOF LEVEL VIA COWL

Rev C01 STAGE 4 CONTRACT ISSUE
By: JN Chkd: JFH Date: 16.08.24 App: JCF

Status A4 Description STAGE 4A COMPLETED Stage 4a

Client
MANCHESTER
The University of Manchester

Project
UNIVERSITY OF MANCHESTER RUTHERFORD BUILDING

Drawing
MECHANICAL SERVICES
ABOVE GROUND DRAINAGE
ALL LEVELS
GENERAL ARRANGEMENT LAYOUT

CAD21 LTD
BUILDING SERVICES & ENERGY
CONSULTING ENGINEERS
NEWCASTLE ■ TEESIDE ■ YORKSHIRE ■ NORTH WEST

Drawing Number UOMRB-CAD-XX-ZZ-DR-M-52000 Revision C01

Scale As indicated Size A1

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