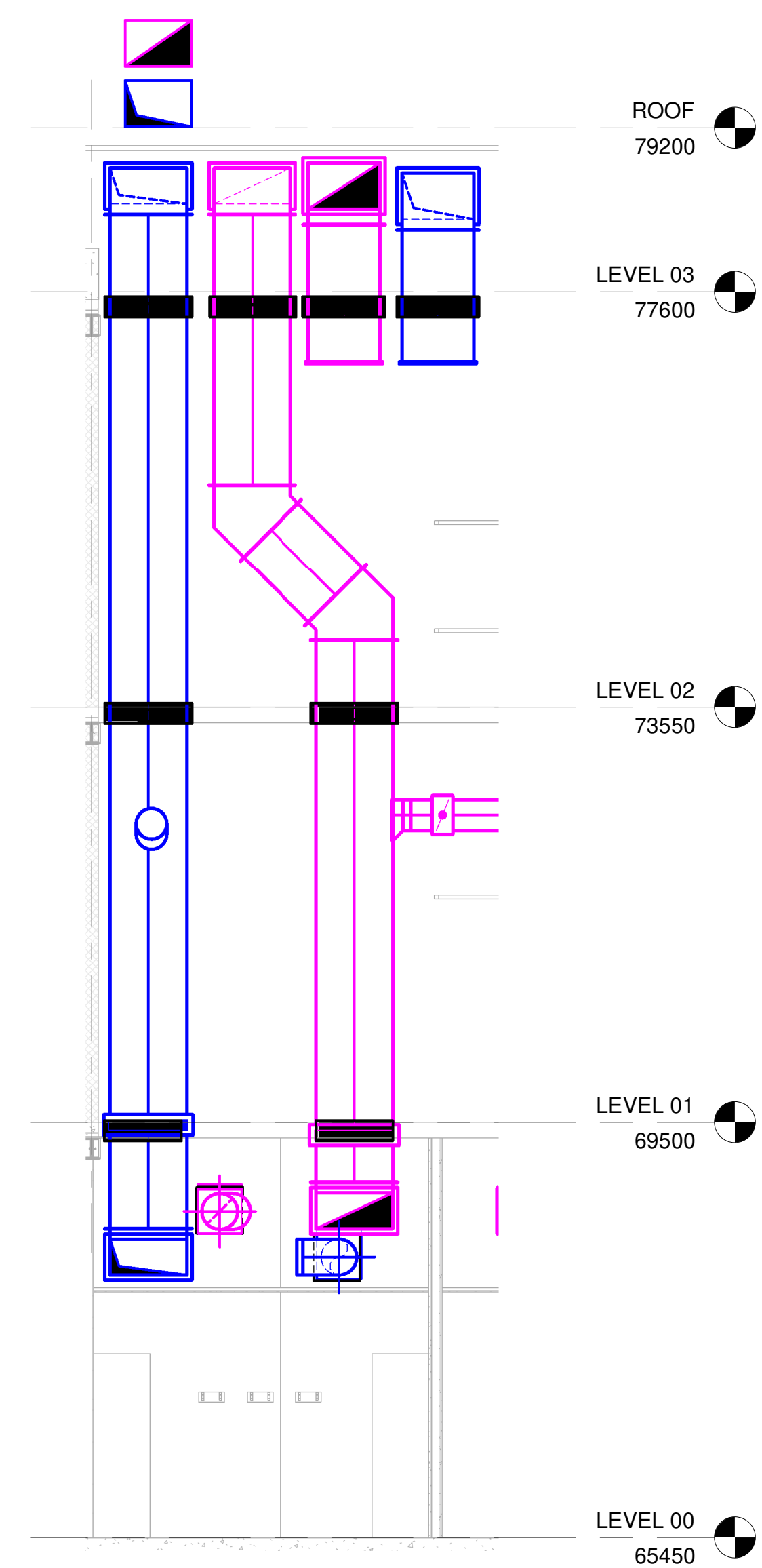
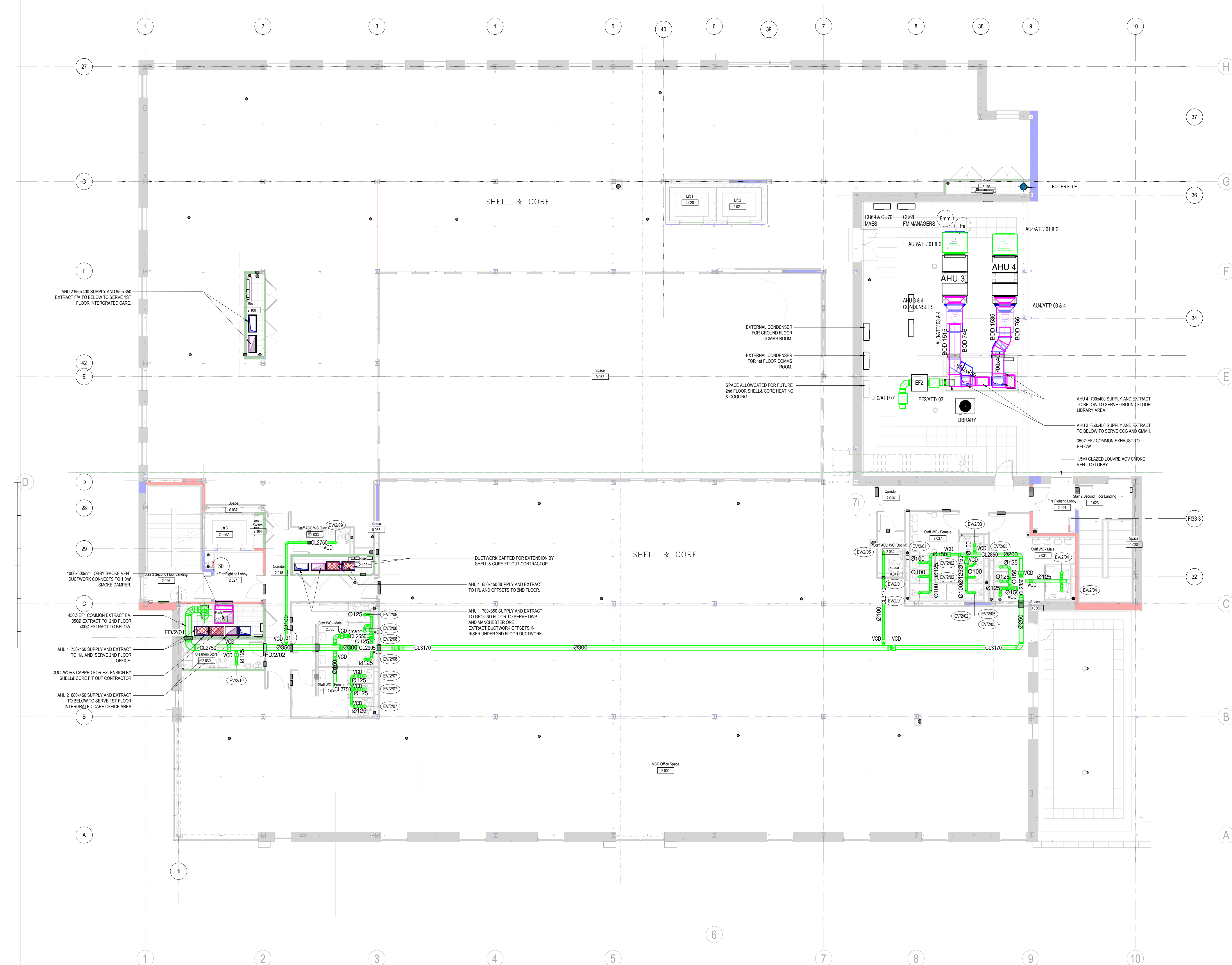
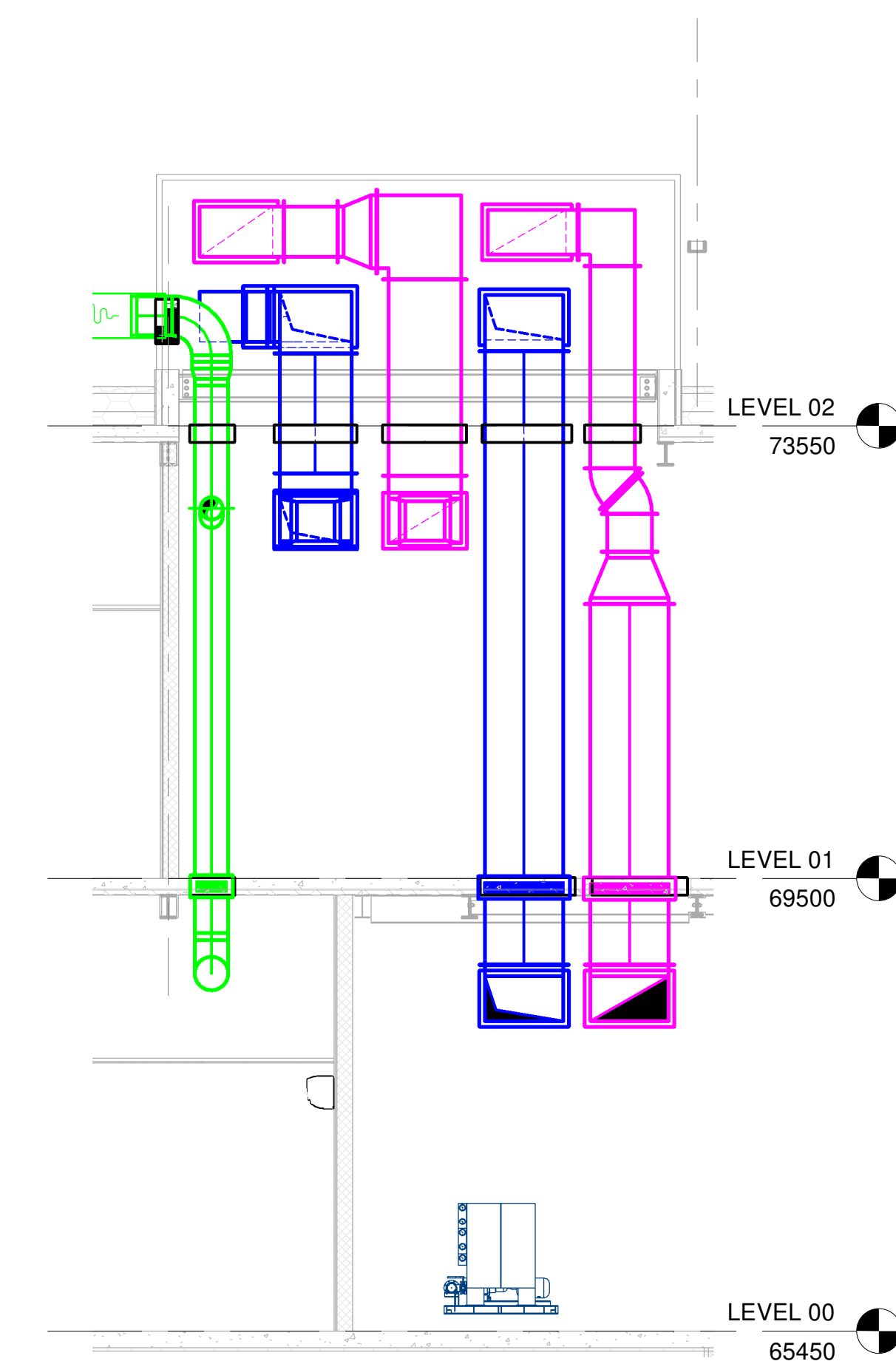




2 Riser 2.102 Section 2
1 : 50



3 Plantdeck Riser - Section 3
1 : 50

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT SPECIFICATIONS.
3. THIS DRAWING REPRESENTS STAGE 5 MECHANICAL SERVICES DESIGN.

SPECIFIC NOTES

1. FLEXIBLE DUCTWORK SHALL BE USED FOR FINAL CONNECTIONS ONLY. NO FLEXIBLE DUCTWORK SHALL BE MORE THAN 500mm IN LENGTH. FLEXIBLE DUCTWORK SHALL BE ACUSTIC TYPE OR CONNECTIONS & GRILLES.
2. THE DUCTWORK SUB-CONTRACTOR SHALL ALLOW FOR A VISUAL SITE SURVEY OF THE BUILDING STRUCTURE PRIOR TO FABRICATION OF DUCTWORK.
3. WC DOORS SHALL BE UNDERCUT TO PROVIDE VENTILATION AIR PATH ROUTES OR TRANSFER GRILLES WHERE THE FLOWWATE TO TOOL LARGE FOR AN UNDERCUT.
4. ALL DUCTWORK SHALL BE MANUFACTURE & INSTALLED IN ACCORDANCE WITH HVCA DWY44.
5. RIGHT ANGLE BENDS IN SQUARE & RECTANGULAR DUCTWORK SHALL HAVE TURNING VANES.
6. FIRE & SMOKE DAMPER SHALL BE PROVIDED WHERE DUCTWORK PASSES THROUGH ANY FIRE RATED STRUCTURE.
7. THE DUCTWORK SUB-CONTRACTOR SHALL ALLOW FOR TRANSFORMATION OF DUCTWORK TO SUITE CONNECTION SIZES OF MECHANICAL EQUIPMENT. FOR EXAMPLE RES. DAMPERS, ATTENUATORS, FANS & AHUS ETC.
8. GENERAL DUCTWORK SHALL HAVE ACCESS PANELS IN ACCORDANCE WITH THE REQUIREMENTS OF DYNAL LEVEL 6. AS A MINIMUM DOORS TO BE PROVIDED EVERY 10M IN HORIZONTAL & NO GREATER THAN 1M FROM A 90° BEND, PLUS AT THE BOTTOM & TOP OF EACH RISER.
9. TICO PADS WILL BE PROVIDED AT THE BASES OF ALL AHU PLANTS.
10. DUCTWORK INSTALLATION SHALL BE TO MAINTAIN PROTECTION, DELIVERY & INSTALLATION (PDI) LEVEL 1.
11. THERMAL INSULATION SHALL BE APPLIED TO THE FOLLOWING AREAS:
 - A. INTERNAL DUCTWORK WHERE HEATED OR COOLED WITH VAPOUR SEALING.
 - B. ALL FRESH AIR DUCTWORK WITHIN INTERNAL TREATED SPACES (WITH VAPOUR SEALING).
 - C. EXTERNAL DUCTWORK WHERE TREATED (WITH HIGH THERMOPROOF INSULATION FINISH).
 - D. SUPPLY AND RETURN DUCTWORK WITHIN RISERS & UNTREATED SPACES (WITH VAPOUR SEALING).
12. INTAKE AND DISCHARGE PLENUMS TO BE LAD TO PAUL TO OUTSIDE.
13. FINAL SELECTION OF ATTENUATORS WILL BE BASE MECHANICAL CONTRACTOR PROVIDED EQUIPMENT.

M57 Ventilation Legend	
Legend component	Description
	SUPPLY DUCT
	EXTRACT DUCT
	EXHAUST DUCT
	FLEX DUCT
	1m ACUSTIC FLEX DUCT
	ATTENUATOR
	FIRE DAMPER
	VOLUME CONTROL DAMPER
	GRILLE

C64 CONSTRUCTION ISSUE	18.02.22
C63 MODEL ISSUE - FOR CO-ORDINATION INC. GROUND FLOOR CHANGES	01.12.21
C62 CONSTRUCTION ISSUE	12.08.21
C61 CONSTRUCTION ISSUE	06.05.21
REV	DATE

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Client	MORGAN SINDALL				
Job	GORTON COMMUNITY HUB				
Drawing	SECOND FLOOR VENTILATION LAYOUT				
Dwg. No.	GCH-QUA-XX-02-DR-N-5700			Rev	
Date	04/04/19	Scale	As indicated @ A0		A
Drawn	AF	Engineer	AM	Approved	AM
Project Status	Feasibility	Tender		Contract	
	Design	Construction		As Built	

QUARTZ
1 Central Park,
Ohio Avenue,
Manchester
M20 2TG
0161 877 6666
www.quartzelec.com

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