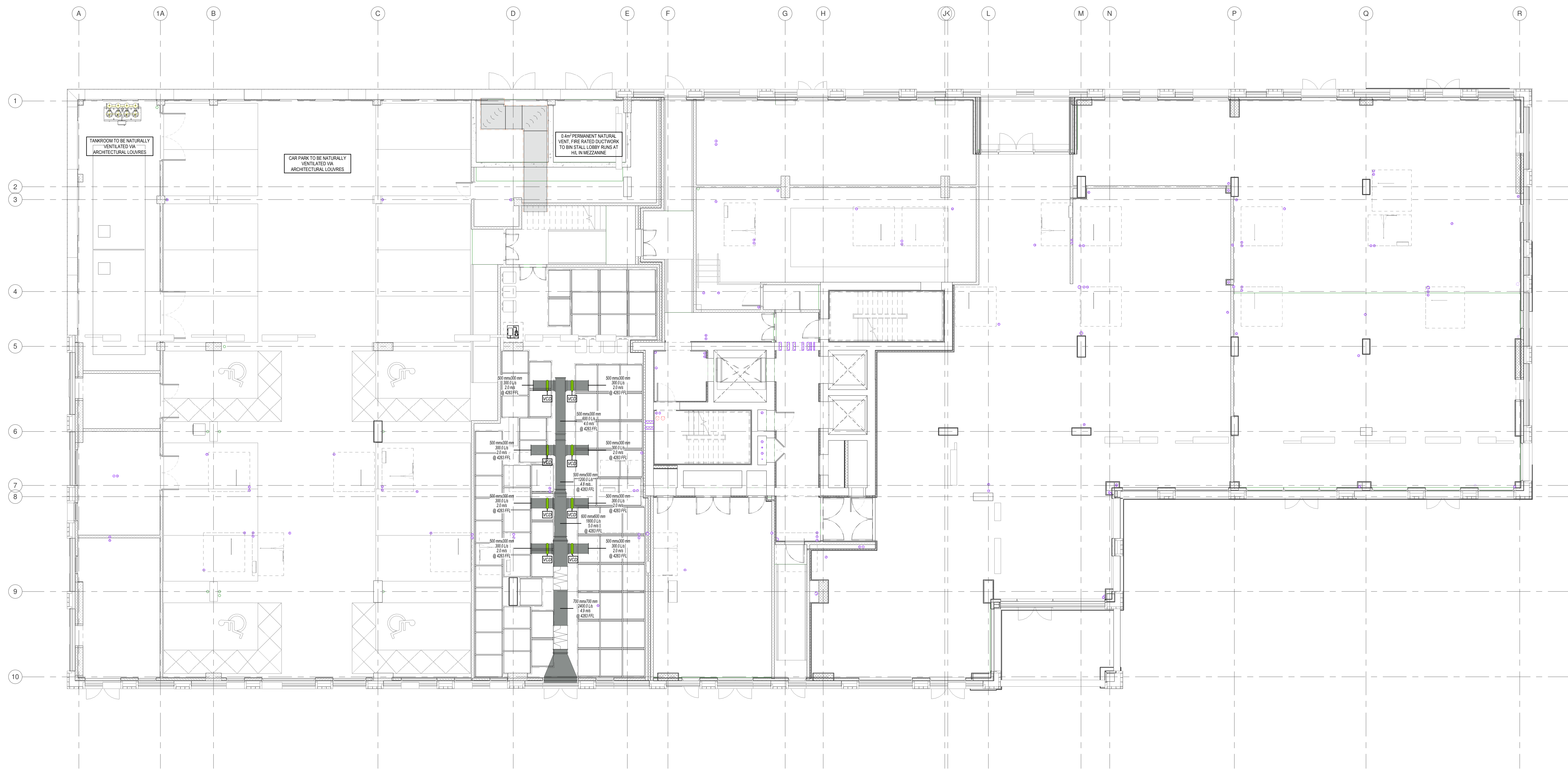
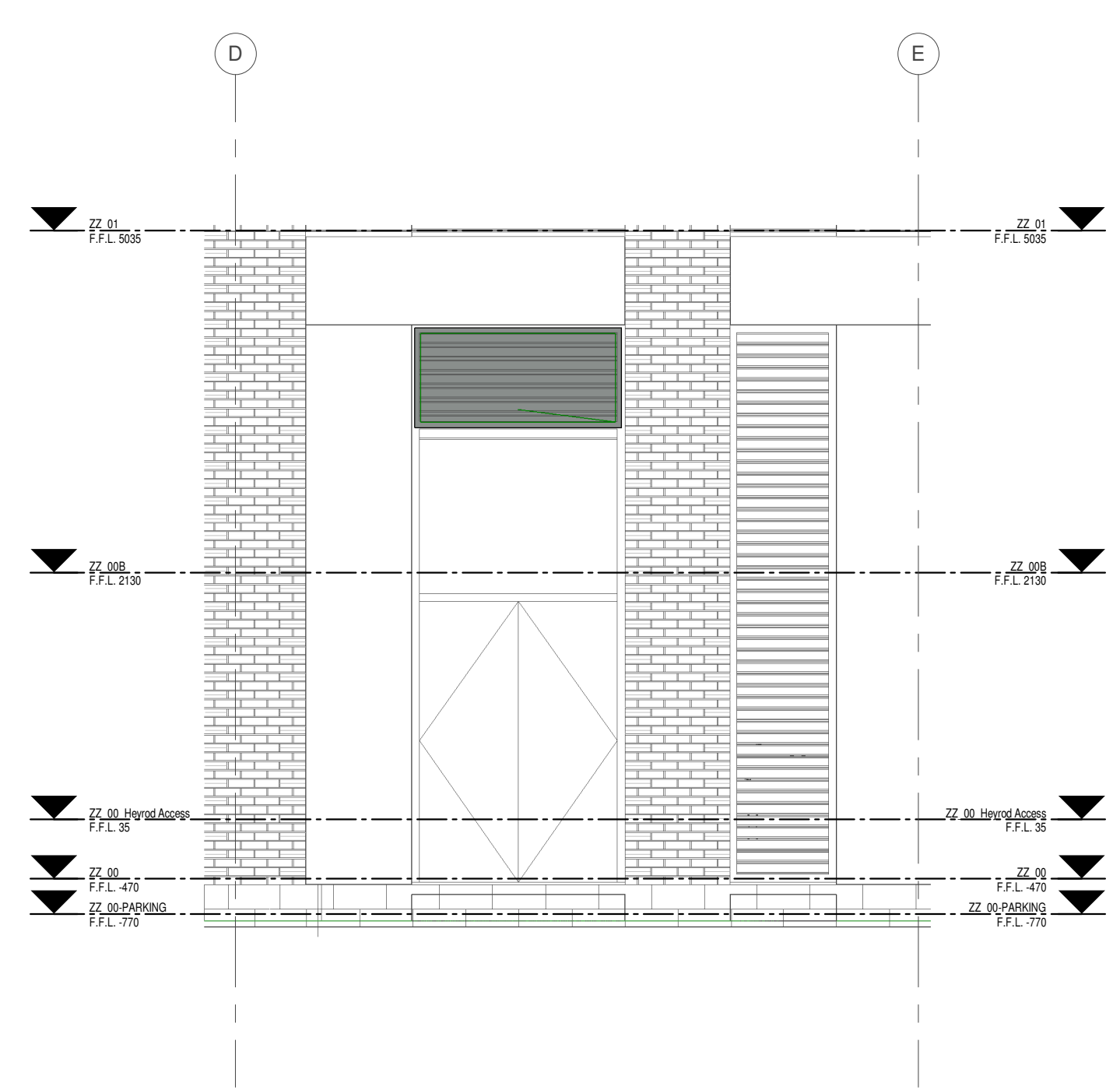




1 Level 00 - Ventilation
1 : 100



2 Bin Store Extract Section
1 : 50

REVISION	ITEM REVISED	DATE
P01	PRELIMINARY ISSUE	08.12.21

- NOTES
- VENTILATION NOTES
1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY UNLESS OTHERWISE STATED. ALL DIMENSIONS ARE GIVEN IN MILLIMETRES OR METRES. ALL DIMENSIONS TO BE CHECKED ON SITE BY INSTALLERS PRIOR TO COMMENCEMENT OF WORKS.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DOCUMENTS, SCOPE OF WORKS AND SPECIFICATION. THE DRAWING SHOULD ONLY BE USED FOR ITS INTENDED PURPOSE.
 3. BEFORE COMMENCEMENT OF WORK ASSOCIATED WITH THIS DRAWING REFER TO THE APPROPRIATE METHOD STATEMENTS AND RISK ASSESSMENTS.
 4. ALL DUCTWORK SYSTEMS TO BE INSTALLED IN ACCORDANCE WITH DW144 AND DBSE COMMISSIONING GUIDES.
 5. ALL DUCTWORK TO BE SUPPORTED IN ACCORDANCE WITH DW144 ARRANGEMENT OF BEARERS AND HANGERS.
 6. ACCESS PANELS TO BE PROVIDED ADJACENT TO ALL FIRE DAMPERS ON BOTH SIDE UNLESS EQUIPMENT CLAMIFICATION.
 7. INSPECTION PANELS TO BE PROVIDED ADJACENT TO ALL VOLUME CONTROL DAMPERS AND VCDs AND AT LEAST EVERY 2M FOR FUTURE MAINTENANCE AND CLEANING.
 8. FOR LOCATIONS OF ACCESS PANELS FOR INSPECTION, SERVICING AND/OR CLEANING REFER TO TABLE 20 OF THE DW144 INTERNAL.
 9. ALL ACCESS/INSPECTION WATCHES ARE TO BE PROPRIETARY MANUFACTURED WITH QUICK RELEASE CATCHES AND SELF-SEALING GASKETS.
 10. ALL ACCESS/INSPECTION PANELS SHALL REMAIN ACCESSIBLE. THE INSULATION CONTRACTOR SHALL SUITABLY PRESS THE EDGES OF THE INSULATION TO THE EDGES OF THE ACCESS OPENING.
 11. THE USE OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO 300mm IN LENGTH TO MAKE FINAL CONNECTIONS ONLY.
 12. DUCTWORK SHALL BE MANUFACTURED WITH GRADUAL TRANSFORMATIONS AND CHANGES OF DIRECTION.
 13. TURNING VANES SHALL BE INSTALLED IN ALL RECTANGULAR SECTION DUCTWORK AT ALL CHANGES IN DIRECTION.
 14. FLEXIBLE CONNECTIONS SHALL BE INCORPORATED WITHIN THE DUCTWORK SYSTEM TO ISOLATE THE DUCTWORK DISTRIBUTION SYSTEM FROM VIBRATION PRODUCING EQUIPMENT.
 15. GRILLES AND DIFFUSERS SHALL BE PROVIDED WITH THE MANUFACTURERS PURPOSE MADE FLAMMABLE (UL94) OR TOP ENTRY (PROT) AS NECESSARY (IMPHE INDICATED).
 16. ALL GRILLES AND DIFFUSERS SHALL HAVE A FINISH COLOUR TO SUIT THE ARCHITECTS REQUIREMENTS.
 17. ALL AIR DISTRIBUTION DUCTS PASSING THROUGH ELEMENTS OF STRUCTURE FORMING FIRE COMPARTMENTS SHALL INCORPORATE A FIRE DAMPER. THE FIRE DAMPER ARRANGEMENT INCLUDING SUBSEQUENT INSTALLATION TIME IF APPLICABLE SHALL HAVE A FIRE RESISTANCE RATING EQUAL TO THE ELEMENT WHICH IT PENETRATES.
 18. ALL BRANCHES FROM THE MAIN DISTRIBUTION DUCTS SHALL BE BY A SLOPE BRANCH FITTING.
 19. DUCTWORK TO BE THERMALLY INSULATED AS INDICATED WITHIN THE MECHANICAL SPECIFICATION.
 20. FUSIBLE LINK FIRE DAMPERS TO BE PROVIDED WHERE DUCTS PASS THROUGH DUTY DAMPERS. FIRE COMPARTMENTATION IN COMPLIANCE WITH THE FIRE ENGINEERS REPORT.
- LEGEND:
- EF - EXTRACT FAN
 - HRU - HEAT RECOVERY UNIT
 - SG - SUPPLY GRILLE
 - EG - EXTRACT GRILLE
 - RG - RETURNS GRILLE
 - FD - FIRE DAMPER
 - HW - VARIABLE AIR VOLUME
 - HB - HEATER BATTERY
 - VCD - VOLUME CONTROL DAMPER
 - ATT - ATTENUATOR
 - TG - TRANSFER GRILLE
 - DT - DOOR TRANSFER GRILLE
 - SV - SMOKE VENT
 - ADV - AUTOMATIC OPENING VENT

PRELIMINARY

CLIENT
JRL MIDGARD

ARCHITECT
AXIS ARCHITECTS

CONTRACT
THE CASTINGS

TITLE
Mechanical Services - Ventilation Services - Ground Floor

DRAWN DM	CHECKED PW	SCALE As indicated@A0
DATE 24.09.21	DRAWING No CAS-ABE-XX-GF-DR-M-57-0001	REV P01