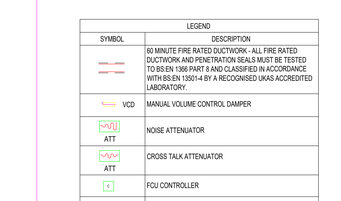
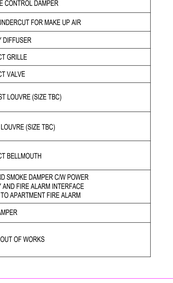


SECTION A-A



LEGEND	
SYMBOL	DESCRIPTION
	60 MINUTE FIRE RATED DUCTWORK. ALL FIRE RATED DUCTWORK AND PENETRATION SEALS MUST BE TESTED TO BS:EN 1366 PART 8 AND CLASSIFIED IN ACCORDANCE WITH BS:EN 15501-4 BY A RECOGNISED UKAS ACCREDITED LABORATORY.
VCD	MANUAL VOLUME CONTROL DAMPER
ATT	NOISE ATTENUATOR
ATT	CROSS TALK ATTENUATOR
	FCU CONTROLLER
	LOSSNAY UNIT MITSUBISHI
	VOLUME CONTROL DAMPER
	DOOR UNDERCUT FOR MAKE UP AIR
	SUPPLY DIFFUSER
	EXTRACT GRILLE
	EXTRACT VALVE
	EXHAUST LOUVRE (SIZE TBC)
	INTAKE LOUVRE (SIZE TBC)
	EXTRACT BELLMOUTH
FSD	FIRE AND SMOKE DAMPER C/W POWER SUPPLY AND FIRE ALARM INTERFACE LINKED TO APARTMENT FIRE ALARM
FD	FIRE DAMPER
	SCOPE OUT OF WORKS





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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

COMPANY	DRAWING NUMBER	REV
AUDEREBW ARCH	2066-ABWA-Z1-GF-DR-A-(20)-0100	8

NOTES

1. ALL DUCTWORK SHALL BE MANUFACTURED & INSTALLED IN ACCORDANCE WITH BESA DW154
2. FIRE DAMPERS/FIRE COLLARS OR WRAPS SHALL BE PROVIDED WHERE DUCTWORK PASSES THROUGH ANY FIRE RATED STRUCTURE INCLUDING FLOORS.
3. FIRE AND SMOKE DAMPERS SHALL BE PROVIDED WHERE DUCTWORK PASSES THROUGH COMPARTMENT WALLS AND FLOORS.
4. FLEXIBLE DUCTWORK SHALL BE USED FOR FINAL CONNECTIONS ONLY. NO FLEXIBLE DUCTWORK SHALL BE MORE THAN 500mm IN LENGTH.
5. THERMAL INSULATION SHALL BE APPLIED TO THE FOLLOWING AREAS: UNTREATED FRESH AIR DUCTWORK WITHIN THE BUILDING EXHAUST DUCTWORK WITHIN THE BUILDING
6. BATHROOM / WC DOORS SHALL BE UNDERCUT TO PROVIDE VENTILATION AIR PATH ROUTES.
7. WHERE APARTMENT NORMAL VENTILATION RATES (BASED ON FLOOR AREA) ARE EQUAL TO THE MINIMUM HIGH VENTILATION RATES, A 20% MARGIN IS TO BE APPLIED TO HIGH RATE FIGURES.
8. OPENABLE WINDOWS TO PROVIDE SHORT PERIODS OF PURGE VENTILATION TO REMOVE ODOURS, EXCESS HUMIDITY AND REDUCE TEMPERATURES IN APARTMENTS ON THE POLYGON STREET ELEVATION.
9. ALL INTAKE AND EXTRACT LOUVRES SHALL BE FIRE RATED DOUBLE AIR BRICKS AS RYTONS SQUARE HOLED A1 FIRE RATED DUCTING KITS OR EQUAL AND APPROVED COLOUR MATCHED TO MATCH THE FACADE AS AGREED WITH THE ARCHITECT.
10. ALL ACOUSTIC AIR BIRCKS SHALL BE GREENWOOD AAB ACOUSTIC AIRBRICK WITH HIT AND MISS INTERNAL VENT OR EQUAL AND APPROVED WITH POWDER COATED EXTERNAL GRILLE MATCHED TO THE FACADE COLOUR AS AGREED WITH THE ARCHITECT.

Rev	Date	Description	Eng	Chk
P01	28.02.25	PRELIMINARY ISSUE	MG	KS

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Client

GGC POLYGON MANCHESTER LTD

Project

SONA, BRUNSWICK MANCHESTER

Drawing Title

GROUND FLOOR BASE BUILD VENTILATION SERVICES LAYOUT

Status

PRELIMINARY

Project No.	Drawn	Scale / Paper Size
3435	WN	1:50 @ A0

Drawing No. 3435-CWC-XX-00-DR-M-5701 Rev P01