

SCHEDULE OF VENTILATION HEAT RECOVERY UNITS HRU1	
MAKE:	DAIKIN
MODEL:	VAM 500J8
POWER:	230/1/50
AIRFLOW:	500 / 425 / 275 M ³ /H
FAN STATIC EXTERNAL PRESSURE	90 / 70 / 50 Pa
WEIGHT:	46.5KG
FILTERS:	G3
CONTROLS:	UNIT TO BE CONTROLLED VIA LOCAL CONTROLLER
EXCHANGE RATE EFFICIENCY:	80.0/82.5/87.6%
DIMS:	301 HIGH, 1113 WIDE, 886 DEEP - PLENUM CONNECTED WITH 200MMØ SPIGOT
CASING	GALVANISED STEEL
UNIT CW AIR TO AIR CROSS FLOW HEAT EXCHANGER & BY PASS & FRESH AIR MODE FACILITY. BACKDRAFT DAMPER TO BE INCLUDED ON THE INLET OF THE MVHR UNIT & 2.4 KW HEATER (GSIEKA 20024)	

SPECIFICATION OF SUPPLY AIR GRILLES (GILBERT)				
REF	LOCATION	AIR VOLUME	SIZE	TYPE
SG1	CANTEEN	0.046 M ³ /S	600 X 600mm	FIXED SWIRL DIFFUSER GSPB C/W ACOUSTIC LINED PLENUM BOX C/W PERFORATED PLATE (WHITE)
SG2	MEETING ROOM	0.069 M ³ /S	600 X 600mm	FIXED SWIRL DIFFUSER GSPB C/W ACOUSTIC LINED PLENUM BOX C/W PERFORATED PLATE (WHITE)
ALL GRILLES TO BE COMPLETE WITH INTEGRAL OPPOSED BLADE DAMPERS				

SPECIFICATION OF RETURN AIR GRILLES (GILBERT)				
REF	LOCATION	AIR VOLUME	SIZE	TYPE
RG1	CANTEEN	0.046 M ³ /S	600 X 600mm	EGGCRATE GRILLE C/W OPPOSED BLADE DAMPER & SIDE SPIGOT ENTRY (WHITE)
RG2	MEETING ROOM	0.069 M ³ /S	600 X 600mm	EGGCRATE GRILLE C/W OPPOSED BLADE DAMPER & SIDE SPIGOT ENTRY (WHITE)
ALL GRILLES TO BE COMPLETE WITH INTEGRAL OPPOSED BLADE DAMPERS				

SCHEDULE OF LOUVRES (LINDAB OR EQUAL)		
	QUANTITY	SPECIFICATION
	4	LOW PROFILE ROOF COWL (RA200/250)

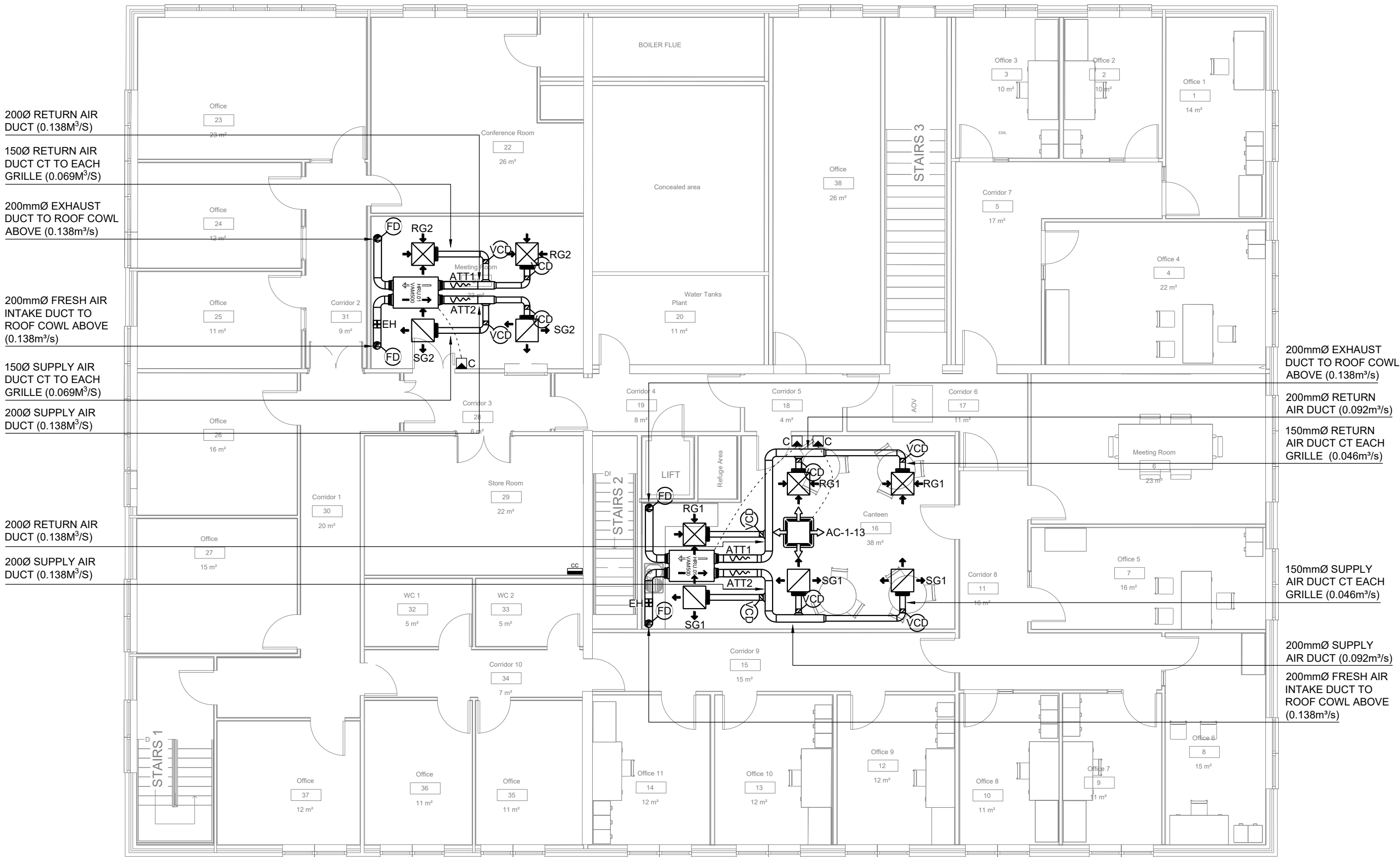
SCHEDULE OF FIRE DAMPERS (LINDAB)			
REF	SERVICE	SIZE	TYPE
FD	SUPPLY/RETURN	200Ø	WH-25 CIRCULAR DUCT FD

SCHEDULE OF ATTENUATORS (LINDAB)		
REF	DIMENSIONS	SPECIFICATION
ATT1, ATT2	200Ø X 900MM	LINDAB CIRCULAR STRAIGHT SILENCER MODEL PVA 50, 200 DIA X 900MM LONG

SCHEDULE OF ELECTRIC HEATER BATTERIES (DAIKIN)				
REF	DESCRIPTION	SIZE	ASSOCIATED WITH HEAT RECOVERY UNITS:	LOCATION
EH	GSIEKA20024	200Ø	HRU.01	CANTEEN/ MEETING ROOM



Ground Floor



First Floor

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- General notes:
- This drawing to be read in conjunction with all relevant architectural drawings and specifications.
- This drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.
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- All dimensions in millimeters, do not scale from this drawing, only use figured dimensions only.
- Contractor must verify all dimensions on site prior to installation of services and production of working drawings.
- Standard notes:
- The entire ductwork installation shall be supplied & installed in full compliance with DW144 and CIBSE standard guidelines & recommendations
 - All supply, extract, return grilles to be complete with volume control damper / opposed blade damper to allow the system to be balanced correctly
 - All supply, extract, return grilles to be complete 250mm high grille box minimum
 - All ductwork bends weather curved or mitres to be complete with internal turning vanes
 - All supply and return air ductwork to be fully insulated as per technical specification. All insulation to be properly secured into position.
 - All ductwork systems to be clearly labelled in accordance with DW144 and CIBSE standard guidelines and recommendations
 - All external louvre's to be class "A" and c/w internal insect mesh & powder coated coloured paint finish, colour to be finalized with project architect
 - All transfer grilles grilles in internal doors to be complete with strips double sided obstructed view type c/w RAL colour powder paint finish, colour to be finalized with project architect

SYMBOL	DESCRIPTION
	FUSIBLE LINK FIRE DAMPER
	MOTORISED FIRE DAMPER
	MOTORISED FIRE SMOKE DAMPER
	DOOR TRANSFER GRILLE
	HEAT RECOVERY UNIT
	DISC VALVE
	INLINE EXTRACT FAN
	SUPPLY GRILLE
	EXTRACT GRILLE
	VOLUME CONTROL DAMPER
	WALL MOUNTED AC UNIT
	CEILING CASSETTE UNIT
	FAN SPEED CONTROLLER
	ABOVE FINISHED FLOOR LEVEL
	DOWN TO LOW LEVEL
	RISE TO HIGH LEVEL
	TO ABOVE
	FROM ABOVE
	FROM ABOVE
	CONNECT TO
	FRESH AIR INTAKE
	ROOM STAT
	BACK DRAUGHT SHUTTER
	FLEXIBLE CONNECTION
	ANTI VIBRATION MOUNTS
	MOTION SENSOR

C02	For Tender	13/07/2026
C01	For Tender	30/06/2026
Rev	Description	Date



Client: Corlann Ireland
Kilcoman House, Galway

Architect: Ian Sheehy
Askeaton Limerick

Project: Proposed Extension to Offices
Gort Road

Drawing: Mechanical Installation
Ventilation Services
Ground & First Floor

MFC Project Reference | 26.3142 | Scale | 1:100 A1

Drawn | GJA | Checked | TK | Approved | JM

Drawing Reference: Status: Rev:

26.3142-MFC-XX-00-DR-M-5700 (A4) (C02)