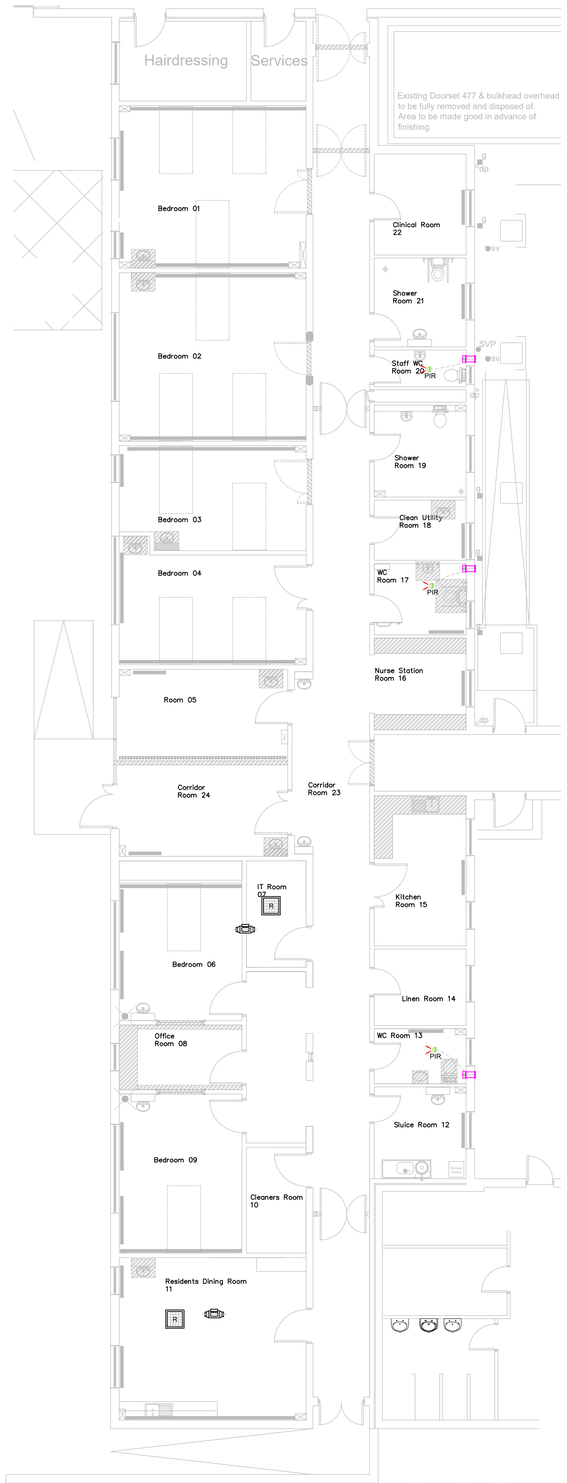

EXISTING VENTILATION SERVICES - WILLOW UNIT
SCALE 1 : 100



PROPOSED VENTILATION SERVICES - WILLOW UNIT
SCALE 1 : 100

EXTRACT FAN SCHEDULE:

REF	MANUFACTURER	MODEL	FLOW (L/S)	E.S.P. (pa)	NOISE	POWER	VOLTAGE	QTY.	NOTES
EF-1	VENTAXIA	ACM 125	35	100	23 (dB @ 3m)	0.03 kW	230V	1	PIR CONTROL
EF-2	VENTAXIA	TX6WL (6" Wall Fan)	30	50	23 (dB @ 3m)	0.03 kW	230V	4	PIR CONTROL
EF-3	VENTAXIA	LCST9WL (9" Wall Fan)	110	50	23 (dB @ 3m)	0.03 kW	230V	1	PIR CONTROL

EXTRACT GRILLE SCHEDULE:

REF	MANUFACTURER	MODEL	GRILLE SIZE	NOTES
EG-1	GILBERTS	SERIES EX	125mm Ø	CEILING MOUNTED EXHAUST VALVE

VENTILATION NOTES

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER TENDER DRAWINGS AND SPECIFICATIONS.
2. SERVICES CONTRACTOR, WITH RELEVANT SUB-CONTRACTORS SHOULD CARRY OUT A DETAILED SITE SURVEY PRIOR TO SUBMITTING COMPLETED TENDERS. TO ENSURE ALL COSTS ARE INCLUDED. NO COSTS FOR UNFORESEEN WORK WILL BE ACCEPTED.
3. THIS DRAWING MUST NOT BE SCALED FOR INSTALLATION PURPOSES. DIMENSIONS TO BE OBTAINED ON SITE ONLY.
4. THE SERVICES CONTRACTOR IS RESPONSIBLE TO COORDINATE HIS SERVICES WITH ALL OTHER SERVICES.
5. ALL EXTRACT DUCTING TO BE INSULATED AS PER THE MECHANICAL SPECIFICATION.
6. INCLUDE FOR INSTALLING DUCT ACCESS HATCHES.
7. ALL DUCT BENDS TO BE COMPLETE WITH TURNING VANES.
8. ALL INTERNAL AND EXTERNAL VENTILATION AS PER DN144 HVCA STANDARD CONTROLS WIRING TO BE INSTALLED BY MECHANICAL CONTRACTOR INCLUDING CONTROLS WIRING TO CENTRAL CONTROL PANEL, LOCAL CONTROLLERS AND THIRD PARTY INTERFACES.
9. FLEXIBLE DUCTING SHALL ONLY BE USED FOR FINAL CONNECTIONS TO GRILLE AND DIFFUSER PLENUM BOXES. FLEX DUCT MUST BE PROPERLY SUPPORTED AND IT'S LENGTH MUST NOT EXCEED 300mm FOR ANY CONNECTION. FLEXIBLE DUCTING SHALL BE HEAVY DUTY TYPE.
10. ALL DUCT WORKS SHALL BE, AS PER NOTED IN THE MECHANICAL SPECIFICATION OR ELSEWHERE, GALVANIZED STEEL AND INSTALLED IN ACCORDANCE TO COMPLY WITH DN-144.
11. ALL CEILING DIFFUSERS AND OTHER SERVICES SHALL BE CO-ORDINATED ON SITE.
12. MECHANICAL CONTRACTOR SHALL ALLOW ACCESS PANELS REQUIRED FOR FUTURE MAINTENANCE OF ALL RELEVANT EQUIPMENT SHOWN IN THESE DRAWINGS AND SHALL LIAISE AT EARLY STAGE OF CONSTRUCTION WITH THE MAIN CONTRACTOR.
13. LOCATIONS OF CONTROLLERS, TEMPERATURE & T/CO2 SENSORS TO BE CONFIRMED ON SITE.

LEGEND

	WALL EXTRACT FAN
PIR	PRESENCE SENSOR FOR EXTRACT FAN
	EXTRACT FAN IN ATTIC SPACE
	DISC VALVE
	CONDENSATION HOOD
	EXTRACT FAN IN CEILING SPACE
R	EXTRACT GRILLE
	EXTRACT DUCT
VCD	VOLUME CONTROL DAMPER

Rev.	Date	Description	Drawn	Chd
T1	20-11-2026	ISSUED FOR TENDER	JO	PC

Drawing Status:
TENDER ISSUE

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Approved:	Checked:	Drawn:	Date:
PC	PC	JO	2026-11-11

Architect:
Hassett Leyden Associates
Architects & Civil Engineers
Rosslevan Shopping Centre,
Tulla Road,
Ennis, Co. Clare

Client:

Project:
HSE Willow Unit
St. Josephs Ennis

Title:
Mechanical Installation
Ventilation Services

Scale:	Job Number:	Status:
1:100 @ A1	7366	.

Drawing Number:	Client Drawing Number:
M400	.

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