



## GENERAL BUILDING NOTES

ALL CONTROLS FOR MECHANICAL AND ELECTRICAL SERVICES SYSTEMS WILL BE IN COMPLIANCE WITH TBF2 PARAGRAPH 2.49.

ALL INSULATION TO PIPES AND DUCTS WILL COMPLY WITH NON-DOMESTIC BUILDING SERVICES COMPLIANCE GUIDE SECTION 11.

COMMISSIONING OF FIXED BUILDING SERVICES TO BE IN ACCORDANCE WITH CIBSE COMMISSIONING CODE M: COMMISSIONING MANAGEMENT - REFER TO PARAGRAPHS 3.44 - 3.46

AIR LEAKAGE TESTING FOR DUCTWORK SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE PROCEDURES GIVEN IN HVCA DW/143 - REFER TO PARAGRAPHS 3.47 - 3.49

A NOTICE IN WRITING WILL BE GIVEN TO BUILDING CONTROL AND THE BUILDING OWNER NOT MORE THAN 5 DAYS AFTER COMPLETION STATING HE FIXED BUILDING SERVICES HAVE BEEN PROPERLY COMMISSIONED AND SIGNED BY A SUITABLY QUALIFIED PERSON - REFER TO PARAGRAPHS 3.50 - 3.52

A NOTICE IN WRITING WILL BE GIVEN TO THE BUILDING OWNER NOT MORE THAN 5 DAYS AFTER COMPLETION OF THE WORK, GIVING SUFFICIENT INFORMATION ON THE OPERATIONAL AND MAINTENANCE REQUIREMENTS OF THE FIXED BUILDING SERVICES - REFER TO PARAGRAPHS 3.83 - 3.86

A NOTICE IN WRITING WILL BE GIVEN TO BUILDING CONTROL STATING THE REQUIREMENTS OF PARAGRAPH 3.83 HAS BEEN MET - REFER TO PARAGRAPHS 3.83 - 3.86

A NEW OR UPDATED LOGBOOK SHALL BE PROVIDED TO THE BUILDING OWNER UPON COMPLETION IN THE FORMAT GIVEN IN CIBSE TM 31 OR EQUIVALENT

THE BUILDING OPERATOR WILL BE GIVEN SUFFICIENT INFORMATION INCLUDING DETAILS OF THE MECHANICAL AND ELECTRICAL SERVICES INSTALLATIONS, THEIR METHOD OF OPERATION AND MAINTENANCE TO ENABLE THE BUILDING TO OPERATE IN AN ENERGY EFFICIENT MANNER.

WHERE VENTILATION OR AIR CONDITIONING DUCTWORK PASSES THROUGH A FIRE SEPARATING ELEMENT IT SHALL COMPLY WITH AN APPROPRIATE METHOD FOR MAINTAINING THE FIRE RESISTANCE OF THE WALL, FLOOR OR BARRIER GIVEN IN BS 9999: 2017.

VENTILATION PIPEWORK/DUCTWORK RUNNING VERTICALLY IN A ROOFSpace SHALL BE COMPLETE WITH A CONDENSATION TRAP. DRAINAGE FOR CONDENSATE (WHERE APPLICABLE) SHALL COMPLY WITH PARAGRAPH 2.18 OF TECHNICAL BOOKLET N.

WHERE A PIPE PASSES THROUGH A FIRE SEPARATING ELEMENT AND IS OF A GREATER DIAMETER THAN THOSE OUTLINED IN TABLE 4.8 TECHNICAL BOOKLET E IT SHALL BE PROVIDED WITH A SUITABLE PROPRIETARY SEALING SYSTEM WHICH HAS BEEN SHOWN BY TEST TO MAINTAIN THE FIRE RESISTANCE OF THE FIRE SEPARATING ELEMENT. ALL IN ACCORDANCE WITH BUILDING REGULATIONS TECHNICAL BOOKLET E.

THE INSTALLATION(S) SHALL COMPLY WITH ALL THE RELEVANT STATUTORY REQUIREMENTS AND REGULATIONS WHICH INCLUDE THE FOLLOWING:

- THE HEALTH AND SAFETY AT WORK ACT, ETC.
- REGULATIONS UNDER THE ELECTRICITY ACTS.
- THE CLEAN AIR ACT.
- CONTROL OF POLLUTION ACT.
- ENERGY CONSERVATION ACT.
- REGULATIONS UNDER THE FACTORIES ACT.
- THE BUILDING REGULATIONS.
- THE I.E.T. WIRING REGULATIONS FOR ELECTRICAL INSTALLATIONS.
- IRISH WATER REGULATIONS.
- CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS (CDM).
- GAS SAFE REGULATIONS.
- ANY SPECIAL REQUIREMENTS OF THE LOCAL ELECTRICITY, WATER UNDERTAKING AND FIRE FIGHTING AUTHORITY.
- DCLG PUBLICATION "NON-DOMESTIC HEATING, COOLING & VENTILATION COMPLIANCE GUIDE".

## EQUIPMENT SCHEDULE

<b>SF01</b>	KITCHEN SUPPLY FAN VENT AXIA ACM150 INLINE MIXED FLOW FAN DUTY 60 L/S PRESSURE: 50Pa
<b>EF01</b>	KITCHEN EXTRACT FAN VENT AXIA ACM150 INLINE MIXED FLOW FAN DUTY: 60 L/S PRESSURE: 50Pa
<b>EF02</b>	LAUNDRY EXTRACT FAN VENT AXIA ACM150 INLINE MIXED FLOW FAN DUTY: 66 L/S PRESSURE: 50Pa
<b>EF03</b>	BIN STORE EXTRACT FAN VECTAIRE RMS150 SINGLE CENTRIFUGAL ROOF MOUNTED FAN DUTY: 108 L/S PRESSURE: 150Pa
<b>AHU1</b>	WOLF GMBH AIR HANDLING UNIT DUTY 2.963m³/s SUPPLY & EXTRACT @ 450Pa DIMENSIONS: 4374mm(L) x 2542(W) x 2744mm(H)
<b>MVHR1</b>	VECTAIRE STUDIO UNIT, WITH SUMMER BYPASS AND FROST STAT, MAX 59 L/S CAPACITY
<b>CWST</b>	COLD WATER STORAGE TANK 30,000 LITRES
<b>C1</b>	FLAMCO FLEXITHERM PS 1500 HOT WATER STORAGE VESSEL, MAX WORKING PRESSURE 30bar, MAX WORKING TEMPERATURE +95 °C, TO COME WITH INSULATION JACKET 100mm

## LEGEND

- VENT SUPPLY
- VENT EXTRACT

TYPICAL BEDROOM MVHR AND VENTILATION LAYOUT, 213no ACCOMMODATION ROOMS TO HAVE LOCALISED VENTILATION

					CLIENT	DRAWING TITLE				
					BLACKPITTS RESIDENCE UNLIMITED COMPANY	MECHANICAL SERVICES INSTALLATION TYPICAL BEDROOM & KITCHEN				
REV	DESCRIPTION	DRN	OKD	DATE	PROJECT					
					BLACKPITTS STUDENT HOUSING DUBLIN					
					PROJECT No.	DRAWING No.	DATE	SCALE	DRAWN	CHECKED
					4994	M03	JUL'25	1:100	JM	DoB

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