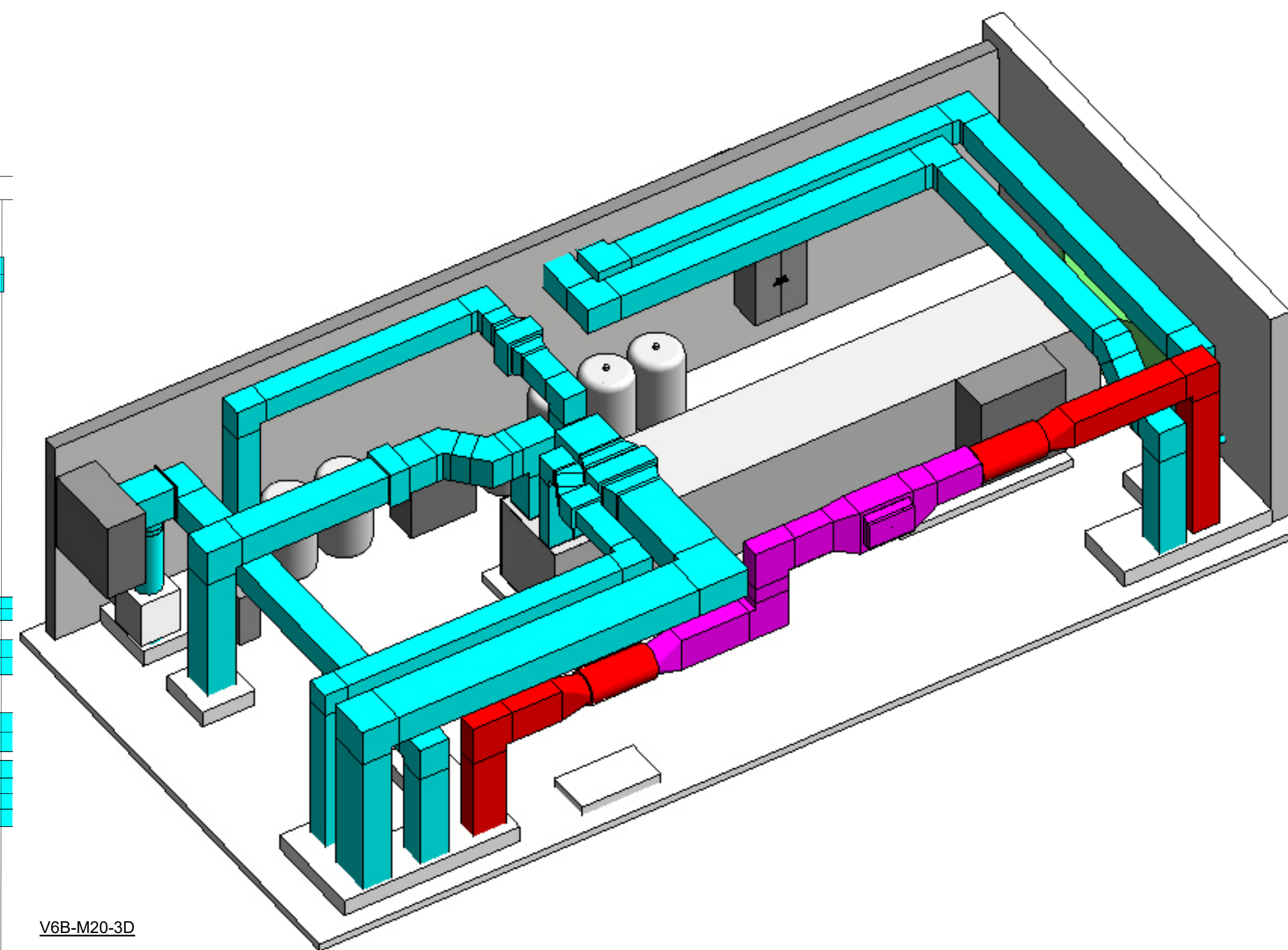


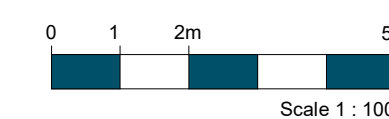
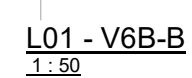
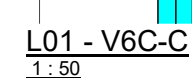


VENTILATION SERVICES INSTALLATION NOTES

- | | |
|-------|--|
| 1.00 | THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTS, STRUCTURAL ENGINEERS AND BUILDING SERVICES ENGINEERS DRAWINGS, SPECIFICATIONS AND SCHEDULES |
| 2.00 | ALL FINAL SETTING OUT TO BE BY ARCHITECT |
| 3.00 | FOR CLARITY ON ALL DUCTWORK SIZES, FIXTURES/FITTINGS AND INSTRUMENTATION PLEASE REFER SCHEMATICS DRAWING. |
| 4.00 | ALL DUCTWORK SIZES IN MILLIMETERS. |
| 5.00 | ALL DUCTWORK SYSTEM FIXTURES AND FITTINGS TO MATCH 'LINE SIZE' |
| 6.00 | THE CONTRACTOR SHALL ALLOW ALL ANCILLARIES AND CONNECTION PIECES REQUIRED FOR A COMPLETE INSTALLATION. |
| 7.00 | ALL GENERAL DUCTWORK SHALL BE GALVANISED SHEET METAL. |
| 8.00 | ALL DUCTWORK SHALL COMPLY WITH HVCA DW144. SPECIFICATION FOR SHEET METAL DUCTWORK. |
| 9.00 | ALL VOLUME CONTROL DAMPERS SHALL BE LOCATED AT A DISTANCE OF AT LEAST 6 TIMES THE DUCT WIDTH FROM A MAIN SUPPLY DUCT BRANCH CONNECTION OR BEND. |
| 10.00 | ACCESS DOORS SHALL BE PROVIDED TO FACILITATE RESET OF ALL FIRE/SMOKE DAMPERS. ACCESS DOOR POSITIONS SHALL BE CO-ORDINATED WITH ARCHITECTS LAYOUTS. |
| 11.00 | ALL FIRE SMOKE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH DW145 & IN STRICT ACCORDANCE WITH TESTED & CERTIFIED MANUFACTURERS DETAILS. |
| 12.00 | ALL FIRE DAMPERS TO BE EQUIPPED WITH ACCESS HOLES/ PANELS ON EITHER SIDE OR AT LEAST ONE SIDE. |
| 13.00 | CONTRACTOR TO REVIEW FIRE CERTIFICATE APPLICATION AND IS TO ALLOW FIRE DAMPER AT EVERY COMPARTMENT DIVISION. |
| 14.00 | ATTENUATORS OR LININGS SHALL BE PROVIDED AS NECESSARY TO MAINTAIN REQUIRED NOISE LEVELS AS PER SPECIFICATION. |
| 15.00 | MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY DUCTWORK TRANSFORMATION PIECES TO CONNECT BETWEEN DUCTWORK AND FITTINGS. |
| 16.00 | VCDs TO BE INCLUDED AT EVERY BRANCH FROM VENTILATION AND AC SYSTEMS. |
| 17.00 | ALL FILTERS SHALL BE REPLACED AT POINT OF HANDOVER. |
| 18.00 | ALL SUPPLY AIR TERMINALS ARE TO BE INSTALLED WITH PLENUM BOXES WITH A SPIGOT SIZE TO MATCH THE DUCT FEEDING IT. THE BOX SHALL BE SIZED TO MATCH DIFFUSER MANUFACTURER RECOMMENDATIONS AND AT A MINIMUM HAVE 50MM ABOVE AND BELOW THE SPIGOT WITH AN AREA TO MATCH THE DIFFUSER FLAT SURF. ALLOW 600X600 FOR PRICING. PLENUM BOXES SHALL BE SIDE ENTRY UNLESS CO-ORDINATION DOES NOT PERMIT SAME. PLENUM BOXES SHALL BE ACUSTICALLY LINED INTERNALLY. |
| 19.00 | FLEXIBLE CONNECTIONS BETWEEN HARD DUCT AND PLENUM BOXES SHALL BE LIMITED TO 300MM LONG. |
| 20.00 | FIRE RESISTING ENCLOSURES ARE TO BE USED WHERE ANY DUCTWORK PENETRATES A FIREWALL INTO NON-RISK ROOMS. |
| 21.00 | CONTRACTOR TO INCLUDE FOR FULL TURNKEY PROVISION OF A NONPENETRATIVE ROOF FLASHING TO SUPPORT ALL BUILDING SERVICES PLANT AND ANCILLARY SERVICES. THE DESIGN OF WHICH SHALL BE CONFIRMED WITH THE PROJECT STRUCTURAL ENGINEER. |
| 22.00 | ANY DUCT WORK TRAY ON ROOF LEVEL CROSSING ACCESS WALKWAYS ARE TO BE PROVIDED WITH GALVANISED STEEL STEP VERTERS. |
| 23.00 | LOCATION OF ROOM CONTROLLERS IDENTIFIED ON MECH WIRING LAYOUTS. FINAL POSITION TO BE AGREED WITH ARCHITECT. |
| 24.00 | ALL DUCTWORK AND PIPEWORK SHALL BE INSULATED AND LABELLED IN LINE WITH THE SPECIFICATION. |
| 25.00 | COMMISSIONING SHALL BE CARRIED OUT IN ACCORDANCE WITH CIBSE COMMISSIONING CODE M: COMMISSIONING MANAGEMENT. |

V6B - DUCTWORK PLAN HL

L01 - V6A-A
1:50



13.05.2026	TENDER ISSUE	C.O'N	J.F.	S.S.	S0	P01
DATE	DESCRIPTION	DRN	ENG	APP	STATUS	REV

CLIENT
BEAUMONT HOSPITAL

ARCHITECT

PROJECT
BMT AHU & CHILLER REPLACEMENT

DRAWING TITLE
MECHANICAL SERVICES INSTALLATION
EXISTING VENTILATION DUCTWORK LAYOUT
V6B PLANTROOM BUILDING 1

DRAWING No.
B2506-IN2-V6B-01-DR-M-2901



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Belfast, BT1 2LA

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5m 0	MECHANICAL SERVICES INSTALLATION EXISTING VENTILATION DUCTWORK LAYOUT V6B PLANTROOM BUILDING 1		STAGE	SIZE A1	STATUS S0
	DRAWING No. B2506-IN2-V6B-01-DR-M-2901		IN2 REF: B2605	SCALE 1 : 50	REVISION P01