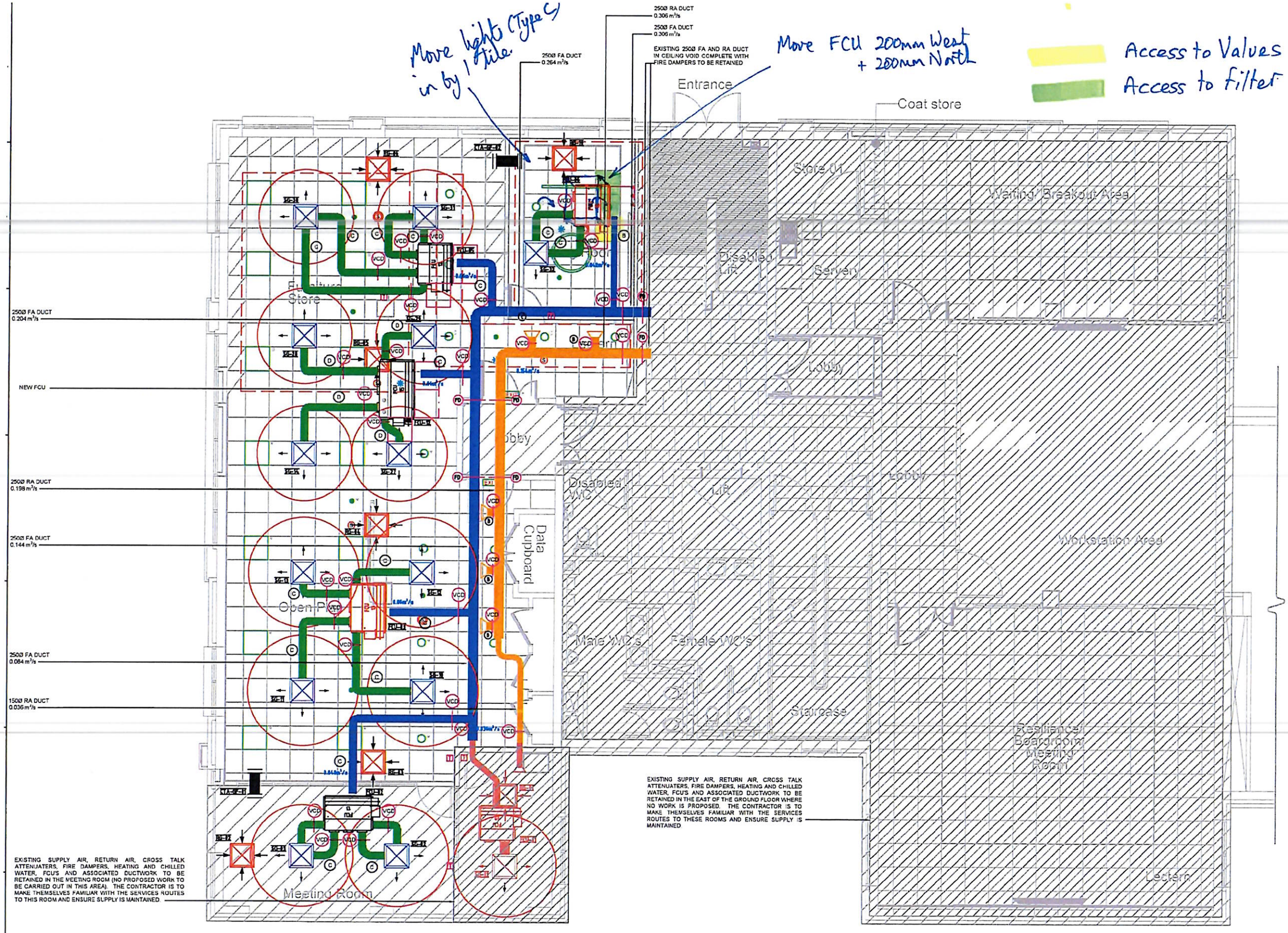


Ground Floor Plan

MECHANICAL SERVICES VENTILATION — M57

	INSULATED RETURN AIR DUCT
	INSULATED SUPPLY AIR DUCT
	INSULATED FRESH AIR DUCT
	EXISTING DUCTWORK AND GRILLES RETAINED IN IT STORES, SERVER ROOM AND GROUND FLOOR MEETING ROOM. NO PROPOSED WORK IN THESE ROOMS
	HATCHED AREA INDICATED WHERE SERVICES ARE TO BE RETAINED
VCD	VOLUME CONTROL DAMPER
FD	FIRE DAMPER
BCD	BELMOUTH C/W VOLUME CONTROL DAMPER (0.054 m³/s ON GROUND FLOOR)
	DIFFUSER SUPPLY AIR GRILLE (4-WAY)
	DIFFUSER SUPPLY AIR GRILLE (3-WAY)
	RETURN AIR GRILLE
	FAN COIL UNIT (ALL NEW FCU'S ON FIRST FLOOR. 1 NEW FCU ON GROUND FLOOR). NUMBER ON FCU RELATES TO FCU SIZE
	EXISTING GROUND FLOOR FCU'S RETAINED AND RELOCATED. FCU TO BE DISCONNECTED AND STORED SAFELY FOR REINSTATEMENT. NUMBER ON FCU RELATES TO FCU SIZE
	DENOTES FCU REFERENCE NUMBER
	CROSS TALK ATTENUATOR
TT	TEMPERATURE STAT. FINAL LOCATIONS TO BE AGREED ON SITE.
A	100mmØ DUCT
B	150mmØ DUCT
C	200mmØ DUCT
D	250mmØ DUCT
C/T	CONNECT TO

GENERAL NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS & SPECIFICATIONS
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRODUCTION OF FABRICATION & INSTALLATION DRAWINGS. SHALL BE FAMILIAR WITH OTHER WORKS PACKAGES WHICH DIRECTLY INTERFACE WITH THEIR PACKAGE & COCRDINATE WITH THE FABRICATION & INSTALLATION DRAWINGS ACCORDINGLY
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SUPPLY & INSTALLATION OF SUPPORTS, BRACKETING SYSTEMS & SECONDARY STEELWORK SUPPORTS REQUIRED FOR THIS WORKS PACKAGE, UNLESS OTHERWISE STATED
5. SHOULD ANY DISCREPANCIES BE APPARENT IN THIS DRAWING, THE ENGINEER SHALL BE MADE AWARE OF THIS FOR FURTHER ACTION
6. CONTRACTOR TO MAKE THEMSELVES AWARE OF PROPOSED FIRE COMPARTMENTS & CERTIFICATES. FIRE DAMPERS, WRAPS & ADEQUATE SEALING SHALL BE INSTALLED TO ALL SERVICE PENETRATIONS THROUGH FIRE RATED PARTITIONS & SLABS. (REFER TO FIRE CONSULTANT REPORT AND ARCHITECTURAL DRAWINGS)
7. COMMENTS MADE BY THE REVIEWER DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS, SITE CONDITIONS, COORDINATION WITH OTHER TRADES AND INFORMATION PERTAINING TO THE CONSTRUCTION PROCESS.
8. THE CONTRACTOR IS ADVISED TO VISIT THE SITE TO ASCERTAIN THE EXTENT OF THE EXISTING SYSTEMS AS LACK OF KNOWLEDGE WILL NOT BE ENTERTAINED AS A MEANS FOR ADDITIONAL COSTS.

VENTILATION NOTES

1. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH HVCA DW144,DW171 & CIBSE RECOMMENDATIONS
2. ALL DW144 DUCTWORK INSULATION TO BE AS PER SPECIFICATION
3. ALL DISTRIBUTION DUCTWORK SHALL INCORPORATE IDENTIFICATION LABELS IN ACCORDANCE WITH DW144. AIR FLOW DIRECTION, COLOUR CODING & PLANT REFERENCES SHALL BE DETAILED WITH AN EXPLANATORY CHART
4. FIRE DAMPERS C/W MATCHING INSTALLATION FRAMES SHALL BE INSTALLED ON ALL DUCTWORK THAT PENETRATES WALLS OR FLOORS THAT FORM PART OF A FIRM COMPARMENT. THE FIRE DAMPER ASSEMBLY SHOULD HAVE A FIRE RESISTANCE RATING EQUAL TO THAT OF THE CONSTRUCTION ELEMENT IT PENETRATES. FOR FULL DETAILS ON FIRE REQUIREMENTS CONTRACTOR TO REFER TO ARCHITECT FIRE CERT DRAWINGS. DAMPERS TO BE INSTALLED ON ALL DUCTWORK WERE REQUIRED TO COMPLY WITH FIRE CERT DRAWING. CONTRACTOR TO REVIEW FIRE CERT DRAWINGS FOR FULL DETAILS
5. FOR SCHEDULES OF PLANT & EQUIPMENT PLEASE REFER TO THE SPECIFICATION
6. FOR PLANT & DUCTWORK CONNECTIONS REFER TO DETAIL SHEETS. ALL DUCTWORK CONNECTIONS ON ALL SUPPLY & EXTRACT SYSTEM SHALL INCLUDE OPPOSED BLADE TYPE VOLUME CONTROL DAMPERS
7. CONTRACTOR TO INSPECT CEILING VOID SPACE, ROOF & ASSOCIATED SUPPORTS AND MAKE ALLOWANCE TO FIT ALL DUCTWORK & ACCESSORIES INSTALLATIONS.

A	B				C	D		
Rev	Description	Date	Chkd	Appd	Rev	Description	Date	Chkd	Appd
T1	TENDER ISSUE	31-05-23	SB	SB					

CLIENT

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Do not scale off this drawing - All dimensions, measurements and setting-out details shall be taken from architectural, structural, and workshop/installation drawings by others and are to be verified on site.

Project: TII HYBRID WORKING
PARKGATE BUSINESS CENTRE, DUBLIN 8

Title: MECHANICAL SERVICES
VENTILATION AND AIR CONDITIONING
GROUND FLOOR, PHOENIX BUILDING (BLOCK C)

Zone: C | Discipline: M
Level: 00 | Project code: TII