

This drawing shall not be scaled.
Work from the dimensions shown in the drawing or given in relevant specifications

CDM Regulations:

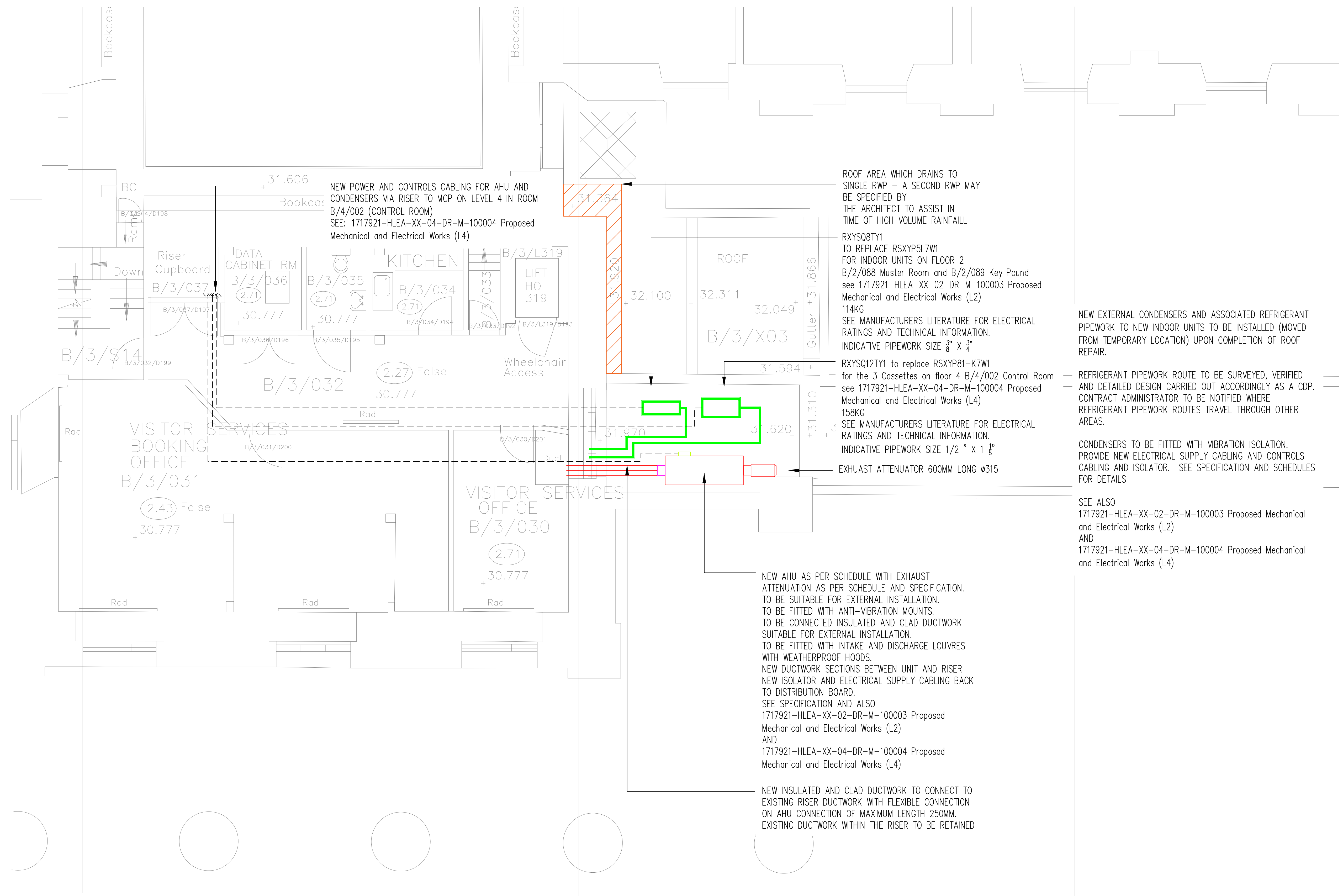
In addition to any information included in this drawing or the model from which it is derived, refer also to the project CDM Risk Register for information on residual risks.

General Notes:

- The drawing does not necessarily show all the information needed to interpret the design intent or the construction details.
- The drawing contains information from more than one source and must be read in conjunction with all relevant specifications.
- Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.

Project Notes:

- PROVIDE NEW CABLING, CIRCUIT BREAKERS AND LOCAL ISOLATORS FOR NEW EXTERNAL CONDENSERS
- PROVIDE NEW CABLING, CIRCUIT BREAKERS AND LOCAL ISOLATORS FOR NEW AHU'S
- ENSURE THAT ALL CABLING, CIRCUIT BREAKERS AND ISOLATORS ARE CORRECTLY SIZED BASED ON EQUIPMENT POWER RATINGS AND MANUFACTURERS RECOMMENDATIONS



NEW POWER AND CONTROLS CABLING FOR AHU AND CONDENSERS VIA RISER TO MCP ON LEVEL 4 IN ROOM B/4/002 (CONTROL ROOM)
SEE: 1717921-HLEA-XX-04-DR-M-100004 Proposed Mechanical and Electrical Works (L4)

ROOF AREA WHICH DRAINS TO SINGLE RWP - A SECOND RWP MAY BE SPECIFIED BY THE ARCHITECT TO ASSIST IN TIME OF HIGH VOLUME RAINFALL

RXYSQ8TY1 TO REPLACE RSXYP5L7W1 FOR INDOOR UNITS ON FLOOR 2 B/2/088 Muster Room and B/2/089 Key Pound see 1717921-HLEA-XX-02-DR-M-100003 Proposed Mechanical and Electrical Works (L2)

114KG SEE MANUFACTURERS LITERATURE FOR ELECTRICAL RATINGS AND TECHNICAL INFORMATION. INDICATIVE PIPEWORK SIZE 3/8" X 3/4"

RXYSQ12TY1 to replace RSXYP81-K7W1 for the 3 Cassettes on floor 4 B/4/002 Control Room see 1717921-HLEA-XX-04-DR-M-100004 Proposed Mechanical and Electrical Works (L4)

158KG SEE MANUFACTURERS LITERATURE FOR ELECTRICAL RATINGS AND TECHNICAL INFORMATION. INDICATIVE PIPEWORK SIZE 1/2" X 1 1/8"

EXHAUST ATTENUATOR 600MM LONG Ø315

NEW EXTERNAL CONDENSERS AND ASSOCIATED REFRIGERANT PIPEWORK TO NEW INDOOR UNITS TO BE INSTALLED (MOVED FROM TEMPORARY LOCATION) UPON COMPLETION OF ROOF REPAIR.

REFRIGERANT PIPEWORK ROUTE TO BE SURVEYED, VERIFIED AND DETAILED DESIGN CARRIED OUT ACCORDINGLY AS A CDP. CONTRACT ADMINISTRATOR TO BE NOTIFIED WHERE REFRIGERANT PIPEWORK ROUTES TRAVEL THROUGH OTHER AREAS.

CONDENSERS TO BE FITTED WITH VIBRATION ISOLATION. PROVIDE NEW ELECTRICAL SUPPLY CABLING AND CONTROLS CABLING AND ISOLATOR. SEE SPECIFICATION AND SCHEDULES FOR DETAILS

SEE ALSO 1717921-HLEA-XX-02-DR-M-100003 Proposed Mechanical and Electrical Works (L2) AND 1717921-HLEA-XX-04-DR-M-100004 Proposed Mechanical and Electrical Works (L4)

NEW AHU AS PER SCHEDULE WITH EXHAUST ATTENUATION AS PER SCHEDULE AND SPECIFICATION. TO BE SUITABLE FOR EXTERNAL INSTALLATION. TO BE FITTED WITH ANTI-VIBRATION MOUNTS. TO BE CONNECTED INSULATED AND CLAD DUCTWORK SUITABLE FOR EXTERNAL INSTALLATION. TO BE FITTED WITH INTAKE AND DISCHARGE LOUVRES WITH WEATHERPROOF HOODS. NEW DUCTWORK SECTIONS BETWEEN UNIT AND RISER NEW ISOLATOR AND ELECTRICAL SUPPLY CABLING BACK TO DISTRIBUTION BOARD. SEE SPECIFICATION AND ALSO 1717921-HLEA-XX-02-DR-M-100003 Proposed Mechanical and Electrical Works (L2) AND 1717921-HLEA-XX-04-DR-M-100004 Proposed Mechanical and Electrical Works (L4)

NEW INSULATED AND CLAD DUCTWORK TO CONNECT TO EXISTING RISER DUCTWORK WITH FLEXIBLE CONNECTION ON AHU CONNECTION OF MAXIMUM LENGTH 250MM. EXISTING DUCTWORK WITHIN THE RISER TO BE RETAINED

T2	TENDER ISSUE	MJ/ND	GS	SM	01.06.23
T1	TENDER ISSUE	MJ/ND	GS	SM	18.05.23
Index	Description	Designed	Reviewed	Authorised	Date

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PROJECT TITLE:
WATER INGRESS PROTECTION WORKS

DRAWING TITLE:
PROPOSED MECHANICAL AND ELECTRICAL WORKS

TENDER ISSUE

PERSON RESPONSIBLE FOR:		
Design: MJ/ND	Review: GS	Authorising Issue: SM
Project No: 17/17921	Date: 18.05.2023	Scale @ A1: 1:50
DRAWING NUMBER: 1717921-HLEA-XX-03-DR-M-100004		Revision: T1