

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

KEY TO HEALTH AND SAFETY SYMBOLS

INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION

INDICATES A RESIDUAL RISK FOR INFORMATION

INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION

INDICATES A RESIDUAL RISK AS A WARNING

LEGEND

DISCHARGE AIR

EXTRACT AIR

EXTRACT AIR FUME

INTAKE AIR

SUPPLY AIR

MAINTENANCE ACCESS

ACROYNM LEGEND:

- CAV = CONSTANT AIR VOLUME

- ATT = ATTENUATOR

- DX = DIRECT EXPANSION

- AHU = AIR HANDLING UNIT

- EF = EXTRACT FAN

- EA = EXTRACT AIR

- IA = INTAKE AIR

- DA = DISCHARGE AIR

- SA = SUPPLY AIR

- EA = EXTRACT AIR

- DTB = DROPS TO BELOW

- RTA = RISES TO ABOVE

REFRIGERANT COOLING SYSTEMS

- WHERE AIR CONDITIONING UNITS ARE CONNECTED TO REFRIGERATION SYSTEMS, THE FINAL DESIGN, SELECTION OF EQUIPMENT, BRANCH CONTROLS BOXES, LOCATION OF UNIT, SIZING AND ROUTING OF PIPEWORK SHALL BE A CONTRACTOR DESIGN PORTION (CDP). IN CONJUNCTION WITH THE EQUIPMENT MANUFACTURE, THE CDP SHALL BE UNDERTAKEN BY A REFCOM REGISTERED AIR-CONDITIONING CONTRACTOR, WHO ARE AN ACCREDITED/APPROVED INSTALLER BY THE EQUIPMENT MANUFACTURE.
- ALL COOLING SYSTEMS REFRIGERATION PIPEWORK TO BE RUN ON, MEDIUM DUTY GALVANISED STEEL CABLE TRAY, FROM ROOM INDOOR REFRIGERATION UNITS TO OUTDOOR AIR-COOLED CONDENSING UNITS.
- THE POWER SUPPLYING ALL OUTDOOR AIR-COOLED CONDENSING UNITS SHALL BE CONNECTED TO LOCAL SUITABLY RATED ISOLATORS, AS INDICATED ON THE SMALL POWER DRAWINGS. THESE ISOLATORS SHALL BE SERVED VIA LOCAL SUBMAIN DISTRIBUTION BOARDS. ALL INDOOR AIR CONDITIONING UNITS SHALL BE POWERED FROM THEIR ASSOCIATED OUTDOOR AIR-COOLED CONDENSING UNITS.

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- NOTES
1. DO NOT SCALE FROM THIS DRAWING.

2. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.

3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.

4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- BUILDING SERVICES NOTES
- a. THIS DRAWING SHOWS THE INTENDED LOCATIONS OF PLANT ITEMS AND SERVICE ROUTES IN SUCH DETAIL AS TO REPRESENT THE DESIGN. THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES BUT INDICATES THEIR GENERAL ROUTES. THE CONTRACTOR IS RESPONSIBLE TO PRODUCE "COORDINATED WORKING DRAWINGS" OR "INSTALLATION DRAWINGS."

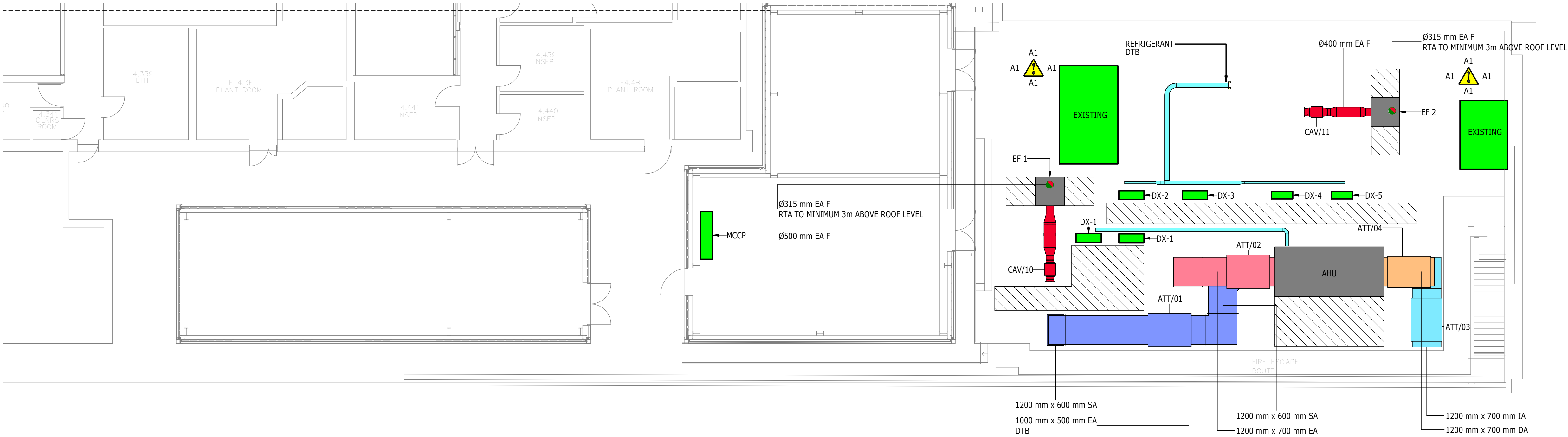
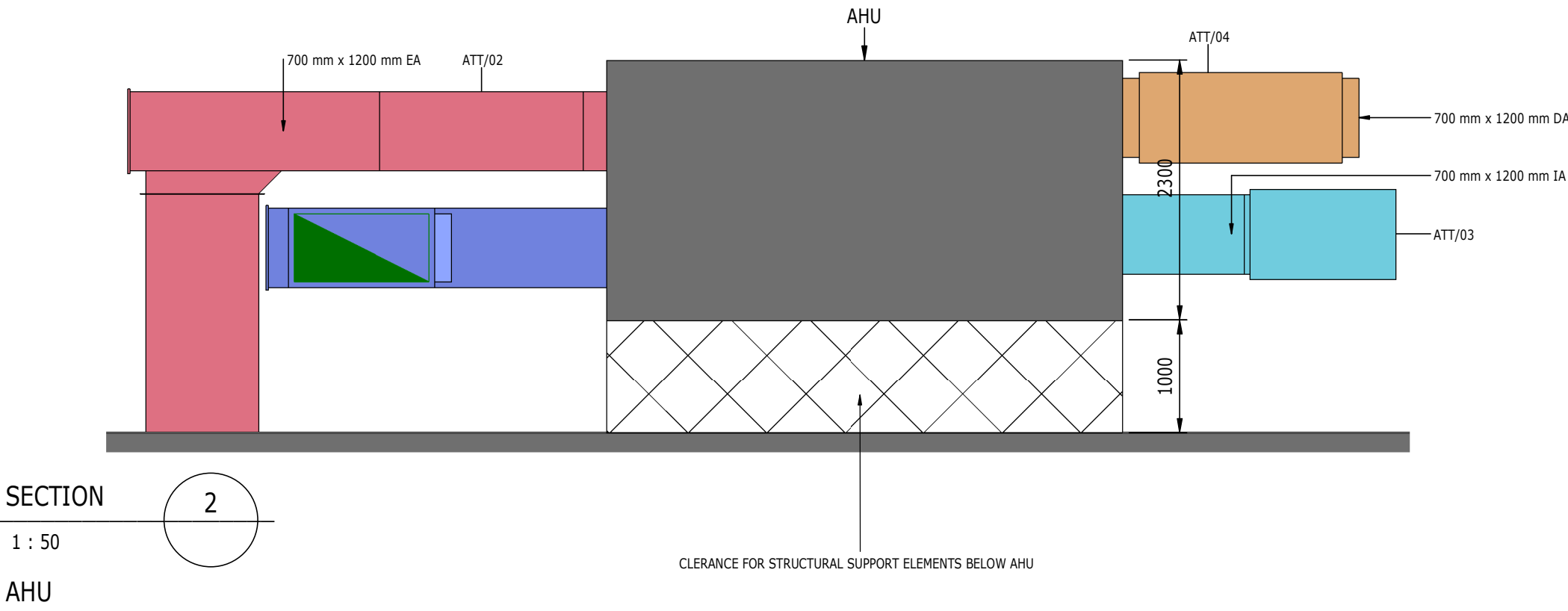
b. THE CONTRACTOR IS TO PRODUCE ALL FINAL SETTING OUT OF THE BUILDING SERVICES. THIS SHALL BE UNDERTAKEN IN CONJUNCTION WITH THE ARCHITECT AND STRUCTURAL ENGINEER.

c. SIGNIFICANT CDM/HEALTH AND SAFETY RESIDUAL RISKS ARE HIGHLIGHTED ON THESE DRAWINGS. HOWEVER, BEFORE COMMENCEMENT OF WORKS ASSOCIATED WITH THESE DRAWINGS, THE CONTRACTOR IS TO REVIEW THE DESIGN STAGE RESIDUAL RISKS AND PRODUCE THEIR OWN RISK DOCUMENTATION, FOR REVIEW BY THE ENGINEER.

d. ANY DISCREPANCY FOUND BETWEEN INFORMATION SHOWN ON THIS DRAWING, ASSOCIATED DRAWINGS, SCHEDULES AND SPECIFICATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERS IN WRITING.

MECHANICAL ROOF NOTES

- ENSURE THE FUME CUPBOARD EXTRACT SYSTEM IS DESIGN TO BS EN 14175.
- DRAINAGE STACK VENTS NOT INDICATED TO ROOF PRESENTLY & SUBJECT TO FURTHER CO-ORDINATION WITH THE ARCHITECT
- ACCESS ROUTES TO EQUIPMENT BE CO-ORDINATED WITH STRUCTURAL REQUIREMENTS



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