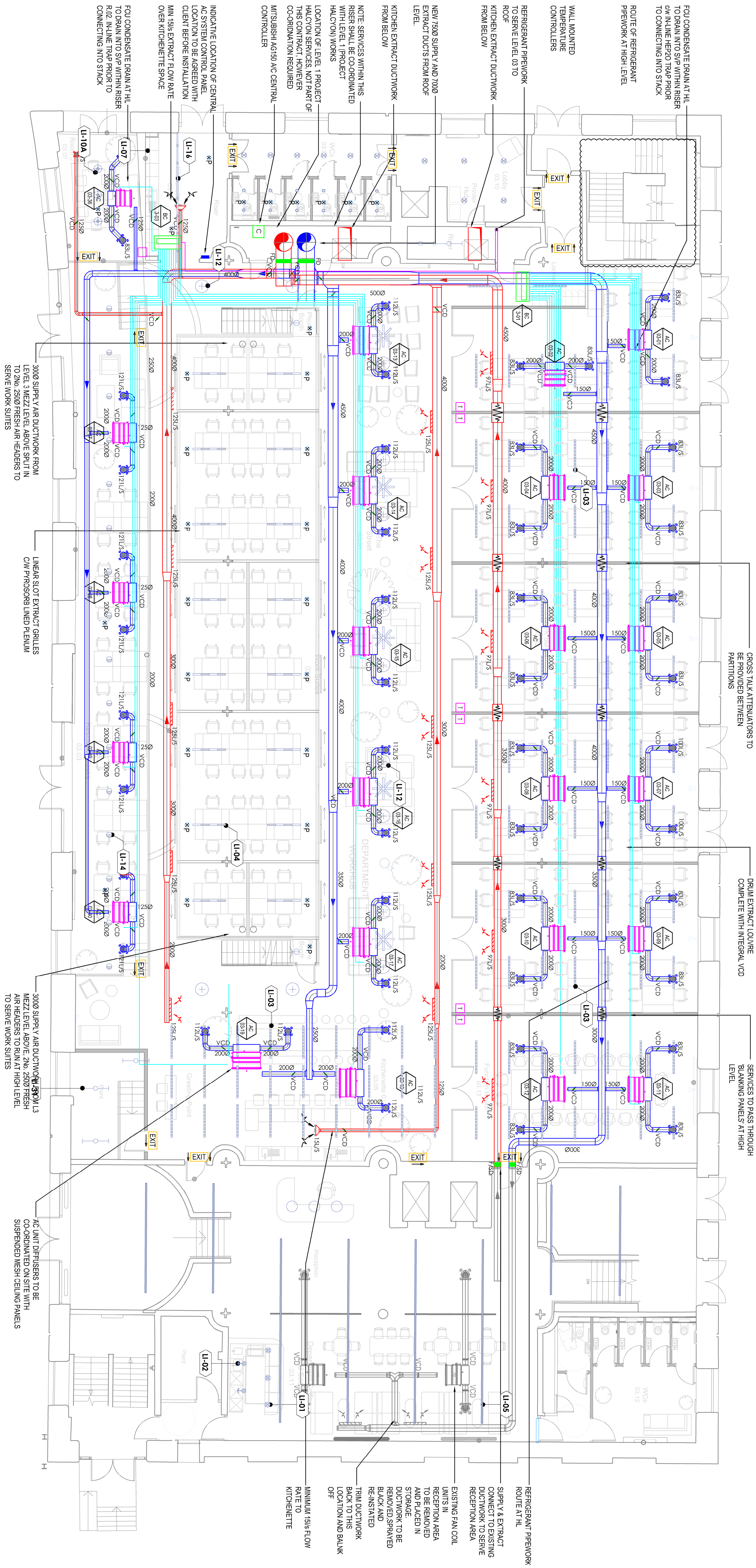




These lines measure 100mm in length when plotted correctly.

All scaled dimensions taken from this drawing shall be verified on site. This drawing is the property of Thermotech Mechanical Services and no information contained hereon shall be copied, in whole or in part, or passed to any other party without written consent. Copyright 2015.

Notes

- The drawing shall be read in conjunction with the relevant Thermotech Mechanical Services specification(s) and all relevant Architect's and other Engineer's drawing(s) and shall be verified on site. Details are for design purposes only and shall be verified on site by the Engineering Contractor where accuracy is critical. The exact location of all plant items/equipment and the route of all services shall be determined on site.
- All plant, equipment, distribution system components and materials used shall be installed in strict accordance with the manufacturer's instructions.
- The installation personnel shall allow for changes in distribution system(s) invert levels (including any sets up and down etc.) as necessary to coordinate fully with the building structure and other M&E Services.

Notes

- This drawing shall be read in conjunction with the relevant Thermotech Mechanical Services specification(s) and all relevant Architect's and other Engineer's drawing(s).
- Details are for design purposes only and shall be verified on site by the plant items/equipment and the route of all services shall be determined on site.
- All plant, equipment, distribution system components and ancillaries shall be installed in strict accordance with the manufacturer's specifications.
- The installation personnel shall allow for changes in distribution system(s) invert levels (including any sets up and down etc.) as necessary to coordinate fully with the building structure and other M&E Services.
- The installation of all internal and external units, refrigerant pipework, interconnecting wiring, commissioning and testing shall be carried out by and approved by the AC equipment manufacturer to carry out installation and commissioning of their equipment. This certification and defects liability period.
- All interconnecting AC pipework shall be designed by AC equipment manufacturer, including the selection of all pipe sizes, refrigerant flow control devices (e.g. metered oration piping, this, branch selector unit etc.).
- The MEC shall carry out all interconnecting, refrigerant pipework components (flexible braided piping kits, branch selector unit etc.). All copper tubing to BS2831 Part 2: 1972, complete with the appropriate headers and joints. Pipework shall be carried out by an Approved the AC equipment manufacturer's design and installation instructions. All pipework shall be suitable for the refrigerant used.
- The MEC shall carry out all associated condensate discharge pipework, including the selection of all pipe sizes, refrigerant flow control devices (e.g. metered oration piping, this, branch selector unit etc.).
- The MEC shall carry out all interconnecting controls wiring associated with the AC systems. Any control or communication wiring shall not be connected to power wiring. A minimum space of 100mm between both AC and power wiring shall be maintained.
- Unless stated otherwise, all AC controllers shall be well-mounted at 1,200mm AFL.
- Unless stated otherwise, all AC remote temperature sensors shall be well-mounted at 1500mm AFL.

MECHANICAL LEGEND:

- FAN COIL UNIT
- SUPPLY AIR DIFFUSER
- MITSUBISHI TEMP/BEAURITE SENSOR & CONTROLLER
- FRESH AIR DUCT
- EXTRACT AIR DUCT
- VOLUME CONTROL DAMPER
- REFRIGERANT PIPEWORK
- CONDENSER TO BC BOX
- BC BOX
- EXTRACT AIR CIRCULAR AIR VALVE
- EXTRACT AIR DUCT
- VOLUME CONTROL DAMPER
- EXTERNAL LOUVER AND PLENUM
- TOILET EXTRACT FAN
- FIRE DAMPER

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STATUS
AS FITTED

CLIENT -
CONTRACT BOUNDED WAREHOUSE

TITLE
PROPOSED LEVEL 3 - COMFORT COOLING & VENTILATION SERVICES LAYOUT

DATE	10.07.19	SCALE	1:100	REV	
DRAWN	TT	JOB NO.	DRG NO.		
CHECKED	AH	4004537	4004537-M-5701	AF	
APPROVED					
EXTERNAL REF.	THIS DRAWING IS UNLESS OTHERWISE STATED TO BE THE PROPERTY OF THERMOTECH MECHANICAL SERVICES LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM THERMOTECH MECHANICAL SERVICES LTD.				