

150mm W/SLOT DIFFUSER TO BOTH SIDES OF OPEN PLAN OFFICE; FCU SUPPLY VIA PLENUM BOXES & FCU RETURN / EXTRACT AIR VIA REMAINDER OF DIFFUSER

2No. 250Ø SUPPLY & EXTRACT DUCTS & REF. F&R PIPES T/A

REF. F&R PIPE BRANCHES FOR FUTURE EXTENSION AS PART OF TENANT FIT-OUT WORKS TO LGRD FLOOR
110x54 EXTRACT DUCTS TO 2No. 125Ø GRILLES NUARE V125, WITH ADJUSTABLE VALVES FOR COMMISSIONING.
10-LITRES/SECOND PER GRILLE

NUARE ES-OPUS-DC60M EXTRACT FAN (WITH CEILING 600x600 ACCESS PANEL) OPERATES CONTINUOUSLY AT LOW LEVEL WITH BOOST VIA PRESENCE DETECTOR IN EACH ROOM & ADJUSTABLE RUN-ON TIMER
110x54 EXTRACT DUCTS TO 2No. 125Ø GRILLES NUARE V125, WITH ADJUSTABLE VALVES FOR COMMISSIONING.
10-LITRES/SECOND PER GRILLE
125Ø EXTRACT DUCT FROM FAN TERMINATES THROUGH WALL AT HIGH-LEVEL VIA 125Ø LOUVRE

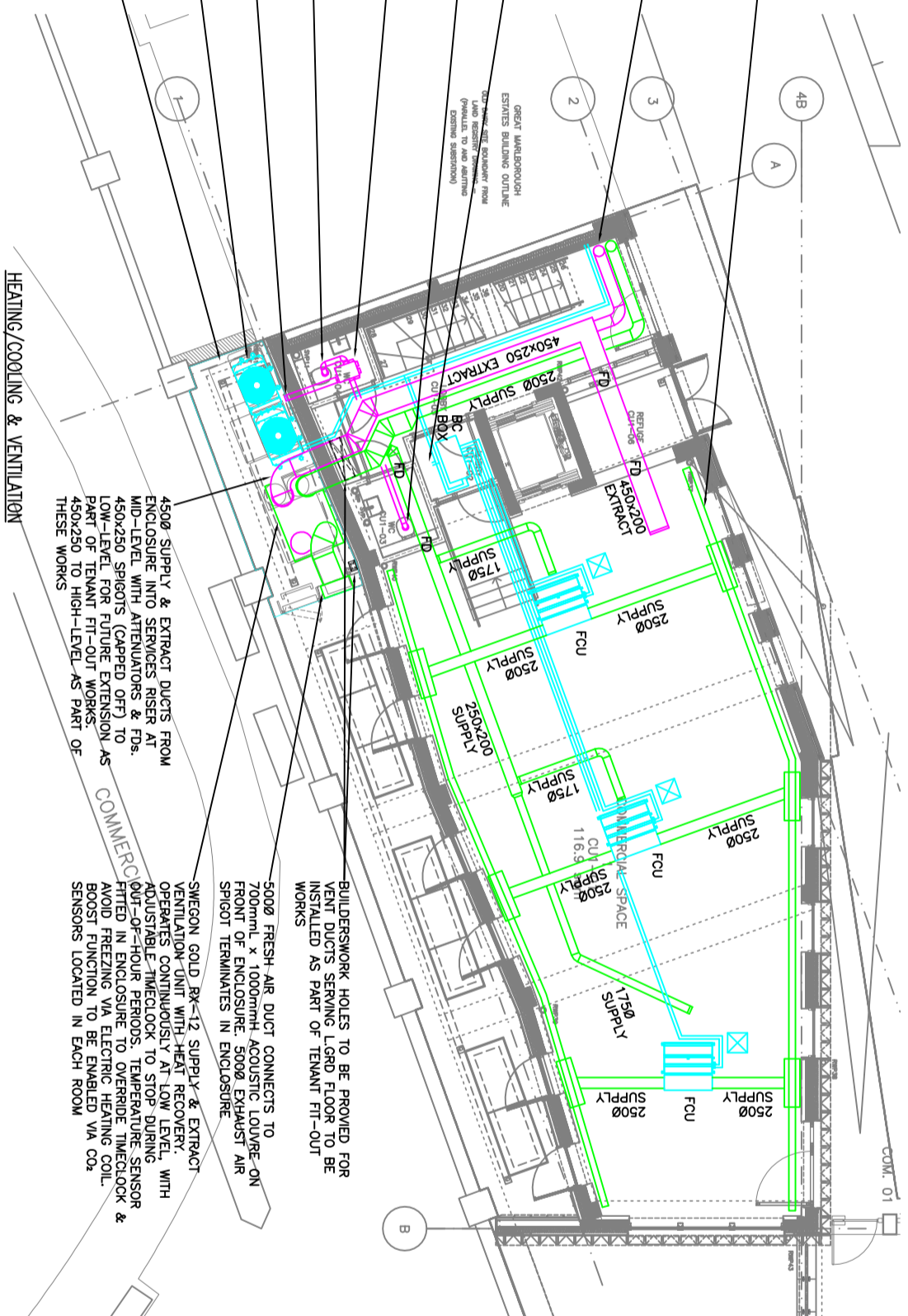
CONDENSER, MITSUBISHI ELECTRIC PURY-EP700VSLM-A1, WITH 90DEG BEND, TOP DISCHARGE, SOUND ATTENUATORS, TERMINATES VIA 250Øx90Ø LOUVRE ON VERTICAL FACE OF ENCLOSURE'S STEPPED ROOF DETAIL
PURPOSE-BUILT ACOUSTIC ENCLOSURE, INTERNALLY LINED WITH ACOUSTIC INSULATION & ATTENUATED LOUVRES TO COURTYARD FACE & TOP, WITH LOUVRED ACCESS DOOR & RUNG LADDER FOR MAINTENANCE.

ELECTRIC PANEL HEATER, DIMPLEX GIRONA GFP-100 (WHITE), OR EQUIVALENT WITH RX24TI PROGRAMMER (WHITE), OR EQUIVALENT TO MATCH HEATER MANUFACTURER
ELECTRIC TOWEL RAILS IN WCs. REFER TO ARCHITECT'S SCHEDULE FOR SPECIFICATION

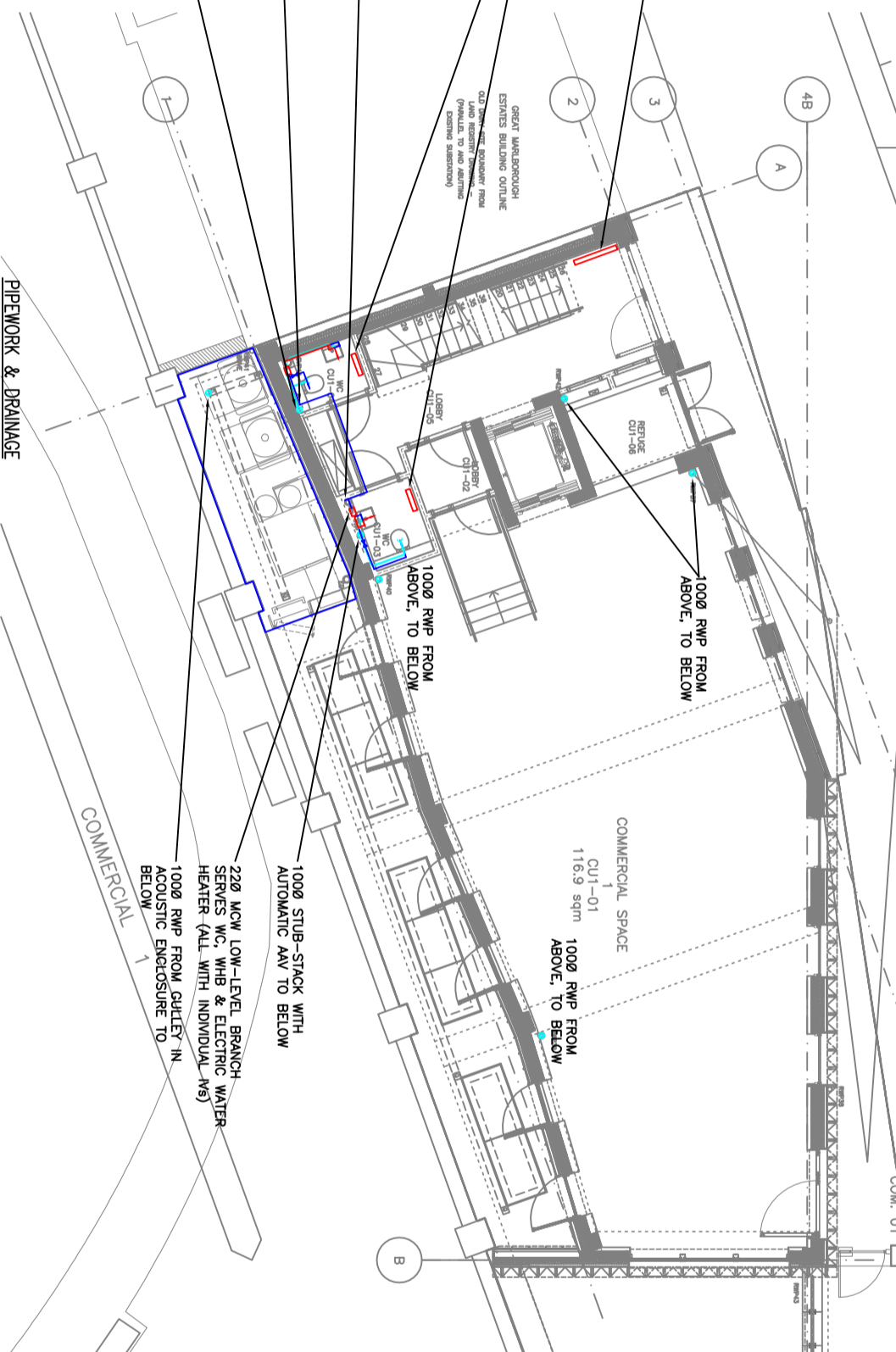
22Ø MCW FROM BELOW TO HIGH-LEVEL, 22Ø BRANCH AT LOW-LEVEL WITH IV, PRV & SOLENOID VALVE. BUILDERSWORK HOLE TO BELOW OVERSIZED TO ACCOMMODATE TENANT INSTALLATION OF REF. F&R PIPES. SOLENOID VALVE INTERFACED WITH WATER MONITORING & LEAK DETECTION PANEL LOCATED ON LGRD FLOOR

22Ø MCW FROM HIGH-LEVEL BRANCHES TO ABOVE & TO LOW-LEVEL. 22Ø LOW-LEVEL BRANCH WITH IV, PRV & SOLENOID VALVE. SOLENOID VALVE INTERFACED WITH WATER MONITORING & LEAK DETECTION PANEL LOCATED ON LGRD FLOOR

100Ø SVP WITH RODDING ACCESS AT MID-LEVEL VIA 450x45Ø ACCESS PANEL. 2No. 100Ø CONNECTIONS (CAPPED OFF) FOR FUTURE EXTENSION AS PART OF TENANT FIT-OUT WORKS



HEATING /COOLING & VENTILATION



PIPEWORK & DRAINAGE

DO NOT SCALE FROM THIS DRAWING IN OTHER PARTS OF DESIGN FROM.

Revision	11	Date	16.01.2019	Drawn	THOMAS ISSIE
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<p>Project OLD DWG</p>					
<p>Drawing Title GROUND FLOOR, COMMERCIAL UNIT 1 - MECHANICAL SERVICES</p>					
<p>Scale 1:500</p>					
<p>Date APRIL 19</p>					

