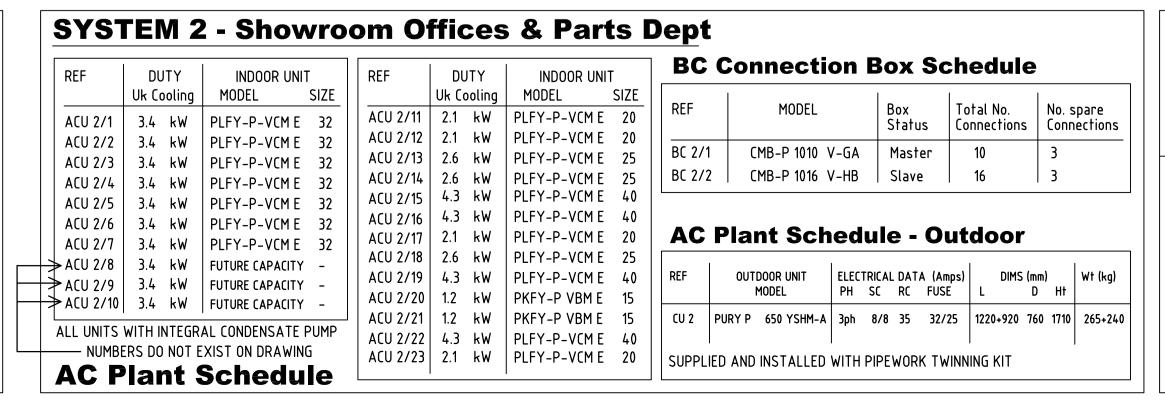


SYSTEM 1 - Mezz Offices Ground & First Floors AC Plant Schedule BC Connection Box Schedule REF REF DUTY INDOOR UNIT Total No. No. spare MODEL SIZE Uk Cooling MODEL Uk Cooling ACU 1/9 | 5.0 kW | PLFY-P-VMB E 50 CMB-P 10106 V-ha ACU 1/1 | 5.0 kW | PLFY-P-VMB E 50 ACU 1/2 | 5.0 kW | PLFY-P-VMB E 50 CMB-P 1008 V-GB ACU 1/3 | 3.0 kW | PLFY-P-VCM E 32 ACU 1/12 | 5.0 kW | PEFY-P-VMA E 50 ACU 1/4 | 7.0 kW | PLFY-P-VMB E 80 ACU 1/5 | 5.0 kW | PLFY-P-VMB E 50 ACU 1/13 | 5.0 kW | PEFY-P-VMA E 50 **AC Plant Schedule - Outdoor** ACU 1/14 | 2.0 kW | PKFY-P VBM E 15 ACU 1/6 | 5.0 kW | PLFY-P-VMB E 50 ACU 1/15 | 2.0 kW | PKFY-P VBM E 15 ACU 1/7 | 5.0 kW | PLFY-P-VMB E 50 REF ELECTRICAL DATA (Amps) DIMS (mm) Wt (kg) PH SC RC FUSE ACU 1/16 | 7.0 kW | PLFY-P-VMB E 80 ACU 1/8 | 7.0 kW | PLFY-P-VMB E 80 1220+920 760 1710 265+265 ALL UNITS TO BE SUPPLIED WITH INTEGRAL CONDENSATE PUMP

SUPPLIED AND INSTALLED WITH PIPEWORK TWINNING KIT





MAIN SPECIFICATION:

- 1.0 SUPPLY AND INSTALL 2 No. MITSUBISHI ELECTRIC Ltd SIMULTANEOUS HEATING & COOLING, HEAT RECOVERY AIR CONDITIONING SYSTEMS.
- 2.0 EACH AC UNIT TO BE INSTALLED COMPLETE WITH CONDENSATE PUMP
- 3.0 INSTALLED BY ACCREDITED INSTALLER
- 4.0 PROVIDE 5 YEAR WARRANTY ON HANDOVER
- 5.0 INSTALL COMMS ROOM AC AS SPECIFIED ON THIS DRAWING

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LEGEND:



& COOLING AIR CONDITIONING UNIT. 4 WAY **BLOW. WITH CONDENSATE PUMP.**

COOLING AIR CONDITIONING UNIT. WITH

CEILING RECESSED SIMULTANEOUS HEATING



SIMULTANEOUS HEATING AND COOLING AIR FABRICATE AND SUPPLY DISCHARGE

(598x598)mm LAY IN GRID, WITH BACK PLENUM BOX 250¢ CONNECTION. **RETURN AIR DIFFUSER - 4 WAY BLOW** (598x598)mm OPEN TO VOID

SIMULTANEOUS HEATING AND COOLING SYSTEM PIPEWORK BC CONNECTION BOX

WITHIN CEILING VOID DX PIPEWORK (GAS & LIQUID LINES) ON WALL MOUNTED CONTROLLER

NOTES:

- CO-ORDINATION, THE DESIGN OF ALL BRACKETS & SUPPORT
- 3.00 FLEXIBLE DUCTS SHALL BE STRAIGHT NDT USED AS BENDS AND 600mm MAX LENGTH. FAN COIL SUPPLY DUCTS SHALL
- 4.00 THE CONTRACTOR SHALL ALLOW FOR CONDENSATE DRAINAGE IN HIS TENDER. ON SITE THE CONTRACTOR SHAL ESTABLISH ROLLTES AND RUN CONDENSATE PIPEWORK
- 6.00 THE NUMBER OF SPARE WAYS ON THE BC BOXES ARE FOR FUTURE EXPANSION OF THE SYSTEM. THE CONTRACTOR SHALL NOT REDUCE THE BC BOX CONNECTION CAPACIT
- 7.00 THE MECHANCIAL CONTRACTOR SHALL SET TO WORK THE WHOLE OF THE INSTALLATIONS - INCLUDING CONTROLS AND CONTROLS WIRING - AND FULLY COMMISSION AND BALANCE HE SYSTEMS, IN ACCORDANCE WITH ALL INDUSTRY
- 8.00 INSTALL THE WORKS IN ACCORDANCE WITH ALL STANDARD INDUSTRY HEALTH & SAFETY & BUILDING CONTROL
- 9.00 THE CONTRACTOR SHALL SUBMIT RISK ASSESSMENTS AND METHOD STATEMENTS TO CS2 FOR ALL ELEMENTS OF THE

WIRING & CONTROLS:

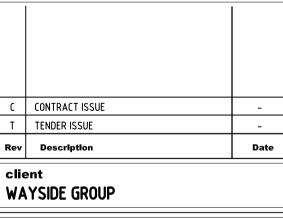
- COMMISSION ONE MITSUBISHI DIRECT Ltd AG 150 CONTROL
 SYSTEM PER SYSTEM, COMPLETE WITH ALL NECESSARY
- 2.00 THE CONTRACTOR SHALL ALLOW FOR ALL AC SYSTEMS CONTROLS WIRING AND INTERCONNECTING WIRING FROM
- 3.00 POWER WIRING TO EXTERNAL CONDENSER AND INDOOR AC UHITS SHALL BE BY THE APPOINTED ELECTRICAL

Note: Contractors'

THE INFORMATION ON THIS DRAWING IS FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL PRODUCE DIMENSIONED AND FULLY COORDINATED WORKING DRAWINGS FOR INSTALLATION FOR APPROVAL PRIOR TO PROCUREMENT. THE CONTRACTOR SHALL COORDINATE MECHANICAL, ELECTRICAL, STRUCTURAL, ARCHITECTURAL ELEMENTS OF THE PROJECT, AS WELL AS

COORDINATE THE CEILING LAYOUT AND INSTALLATION **Important Note:**

IMPORTANT NOTE: READ ALL NOTES, SCHEDULES AND PART OF THE SPECIFICATION, WHICH MAY NOT BE REPEATED IN THE WRITTEN DOCUMENTATION



project manager CS2 Ltd

project architect

MDG

project title **BMW & MINI** NORTHFIELD DRIVE, NORTHFIELD, MILTON KEYNES



Building Services Engineering Design & Draughting Drawing Title

MECHANICAL SERVICES OFFICE AREAS & COMMS ROOMS VRF & DX SYSTEMS SCHEMATIC

Scale NTS @ A0 **Drawing Number**

MK/600/AC 03 **Drawing Status**

CONTRACT ISSUE