

REPLACE LUMINAIRES INTO GRID EVENLY SPACED TO ACHIEVE ENEV LIGHTING PATTERN AND AVOID

Coordination N

SOME SERVICES

ROUTES ARE WORST CASE,

SHORTER ROUTES WILL BE CONSIDERED

DURING THE WORKING DWG APPROVAL PROCESS

SERVICE CROSS OVERS ARE TO BE AVOIDED. SERVICE ZONES TO BE USED

NO PLANT OR SERVICES SHALL PASS OVER LIGHT FITTINGS EXCEPT WHERE UNAVOIDABLE

CONTRACTOR TO CO-ORINDATE RELFECTED CEILING PLAN

1.0 SUPPLY, INSTALL, COMMISSION AND SET TO WORK, 1 No. MITSUBISHI ELECTRIC DIRECT Ltd, SIMULTANEOUS HEATING & COOLING, HEAT

2.0 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY REFRIGERANT PIPE SIZES WITH SUPPLIER PRIOR TO PROCUREMENT

RECOVERY, R 410 A REFRIGERANT, INVERTER DRIVEN, AIR CONDITIONING SYSTEMS - PER FLOOR

4.0 CASSETTE UNITS TO BE SUPPLIED AND INSTALLED COMPLETE WITH CONDENSATE PUMP

1.0 DO NOT INSTALL AC UNITS OR VENTILATION UNITS ABOVE LIGHT FITTINGS

3.0 CONTRACTOR TO DESIGN AND INSTALL CONDENSATE DRAINAGE SYSTEM - AS INDICATED ON THIS DRAWING

VRF System. Specification Notes

5.0 ALL DX PIPEWORK TO BE RUN AND SUPPORTED ON TRAY WORK

6.0 INSTALLED BY APPROVED MITSUBISHI INSTALLER

7.0 PROVIDE 5 YEAR WARRANTY

ADDITIONAL NOTES

25 | PLFY-P-25 VCM E2 | 2.0 kW

REF FUNCTION LOCATION MODEL

Central Controller

MODEL

Local Controls

Controls

BC Connection Box Schedule

AC Condenser Plant Schedule

CU 2 | PURY P 350 YJM-A | 3ph 8 17.5 32

| ELECTRICAL DATA (Amps) |

PH SC RC FUSE

3.2 kW | 16 | 1ph 240V 6A 0.23 A | 133-150-166

BC 2 | MASTER | SECOND FLOOR | CMB P 1016 V GA 1 | 16 | 2 | 62 kg | 1 ph | 0.32 kW | 1.30 A | 6A | 1110 520 289

PAC SC 51 KUA J + POWER SUPPLY

L D Ht

1220 760 1710 270

| Conns | Spare | WT | PHASE POWER RC FUSE | W D H

TOUCH SCREEN CENTRAL CONTROLLER

| WEIGHT | SOUND | AIRFLOW

dBA

4 No. WALL MOUNTED CONTROLLERS AS INDICATED AS: PAR F27 MEA J

570 570 235

4.13/3.53

REUSE EXISTING SUPPLY AIR SLOT DIFFUSER

Controls Wiring & Electrical Power Supplies

1.00 THE MECHANICAL CONTRACTOR SHALL ALLOW FOR SUPPLY & INSTALL OF

ALL AC SYSTEMS CONTROLS WIRING & INTERCONNECTING WIRING FROM

EXTERNAL UNIT TO INDOOR UNITS, & WIRING TO/FROM CONTROLLERS &

2.00 WALL MOUNTED CONTROLLERS ARE REQUIRED FOR 4 ROOMS ONLY ON THIS

CENTRAL CONTROLLER. LOCATE IN A ROOM NEAR THE BC CONTROLLER.

A) REUSE EXISTING FAN COIL UNIT POWER SUPPLIES FOR NEW VRF UNITS.

ALSO BE CONTROLLED CENTRALLY FROM CENTRAL CONTROLLER

3.00 SUPPLY, INSTALL & COMMISSION ONE MITSUBISHI DIRECT Ltd AT50

C) INSTALL NEW POWER SUPPLIES TO EXTERNAL CONDENSERS

B) INSTALL NEW POWER CIRCUIT TO BC BOXES

FLOOR, AS INDICATED ON THE DRAWING, ALL LOCAL CONTROL UNITS SHALL

REPAIR AND REFIX DIFFUSER AS NECESSARY. REMOVE BLANKING PLATE SECTIONS IN VOID

THOUROUGHLY CLEAN DIFFUSER

THE AT50 CENTRAL CONTROLLER

4.00 ELECTRICAL POWER SERVICES:

SECOND FLOOR LEVEL

4.00 THE CONTRACTOR SHALL COVER THE WHOLE OF THE WORKS WITH INSURANCES AND APPROPRIATE LEVEL P

IMPORTANT NOTE: READ ALL NOTES, SCHEDULES & INSTALLATION INSTRUCTIONS ON DRAWING - THEY FORM PART OF

IT IS INCUMBENT ON THE CONTRACTOR TO SITE SURVEY & SITE MEASURE PRIOR TO THE PREPATATION OF CONTRACTORS

READ WITH EXISTING DRAWINGS & ANY NEW ARCHITECTS LAYOUTS.

Scale 1:40 @ A1

MK Consulting Engineers Ltd **Building Services Engineering Design & Draughting**

Drawing Title MECHANICAL SERVICES SECOND FLOOR **VRF SYSTEM + VENTILATION LAYOUT**

Scale 1:40 @ A1 Drawn ∆K Checked AK

Revision

Drawing Number MK/701/SAMPLE

Drawing Status

CONTRACT ISSUE