

**ELECTRICAL**

CU01 - DAIKIN RZASG71M2V1B @ 1ph, 240v, 16AMP FUSE. Isolator with tail left by Electrical Contractor  
CU02 - DAIKIN RZASG71M2V1B @ 1ph, 240v, 16AMP FUSE. Isolator with tail left by Electrical Contractor  
CU03 - DAIKIN RZA250D @ 3ph, 380-415v, 20AMP FUSE. Isolator with tail left by Electrical Contractor  
CU04 - DAIKIN RZA250D @ 3ph, 380-415v, 20AMP FUSE. Isolator with tail left by Electrical Contractor

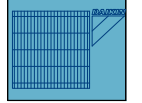
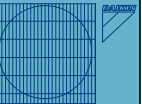
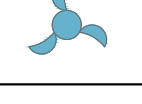
**TOTAL ADDITIONAL LOAD (by fuse rating) = 3PH 40A + 1PH 40A**

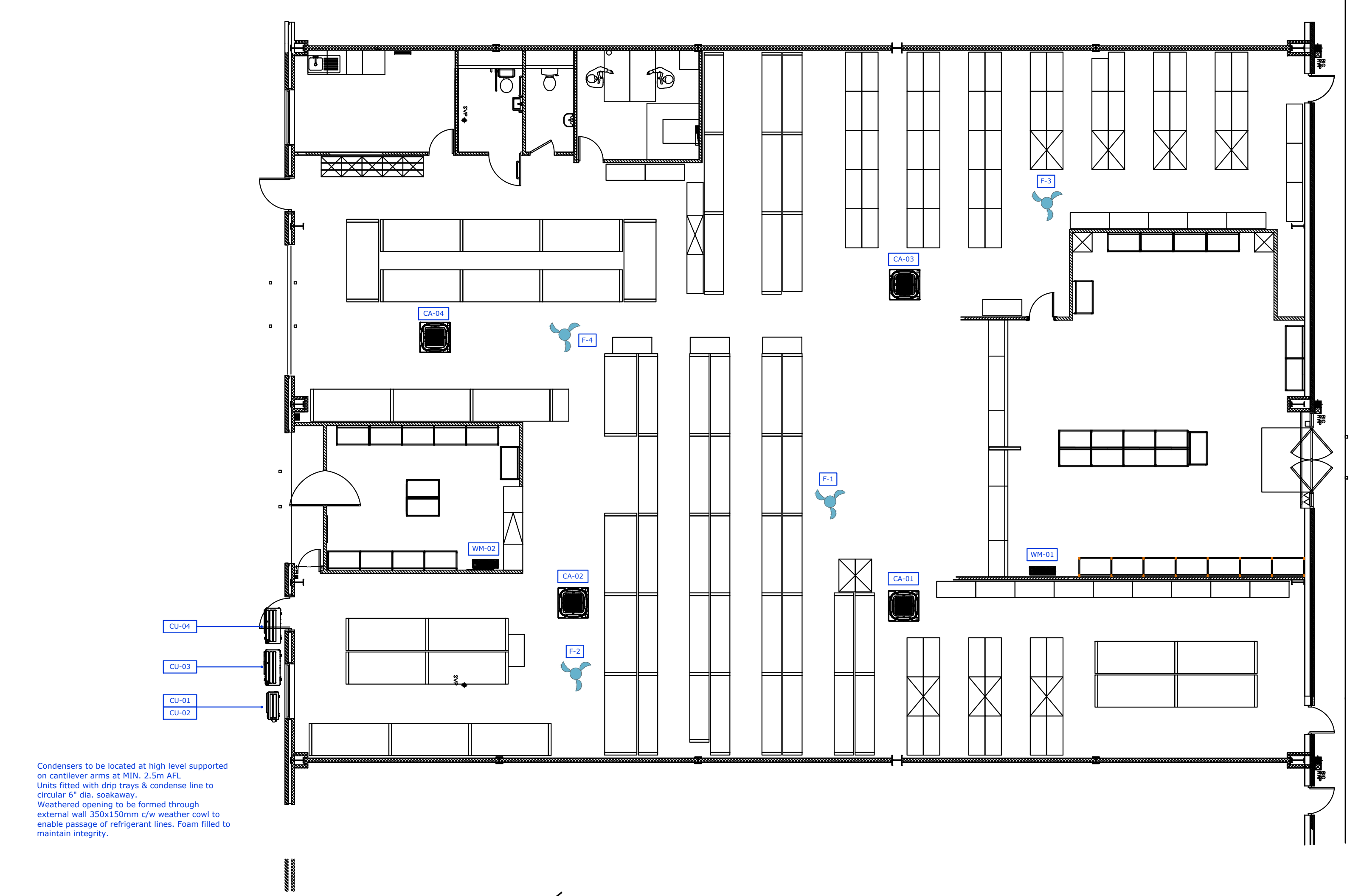
Distribution Fans - 4 x 1PH 240V 6A ceiling rose with 1m flex wired back in 2 zones to 2 x central controller locations at Managers Desk all by Electrical Contractor

I-tab controller - 1 x 1PH 13A fused spur above managers desk.

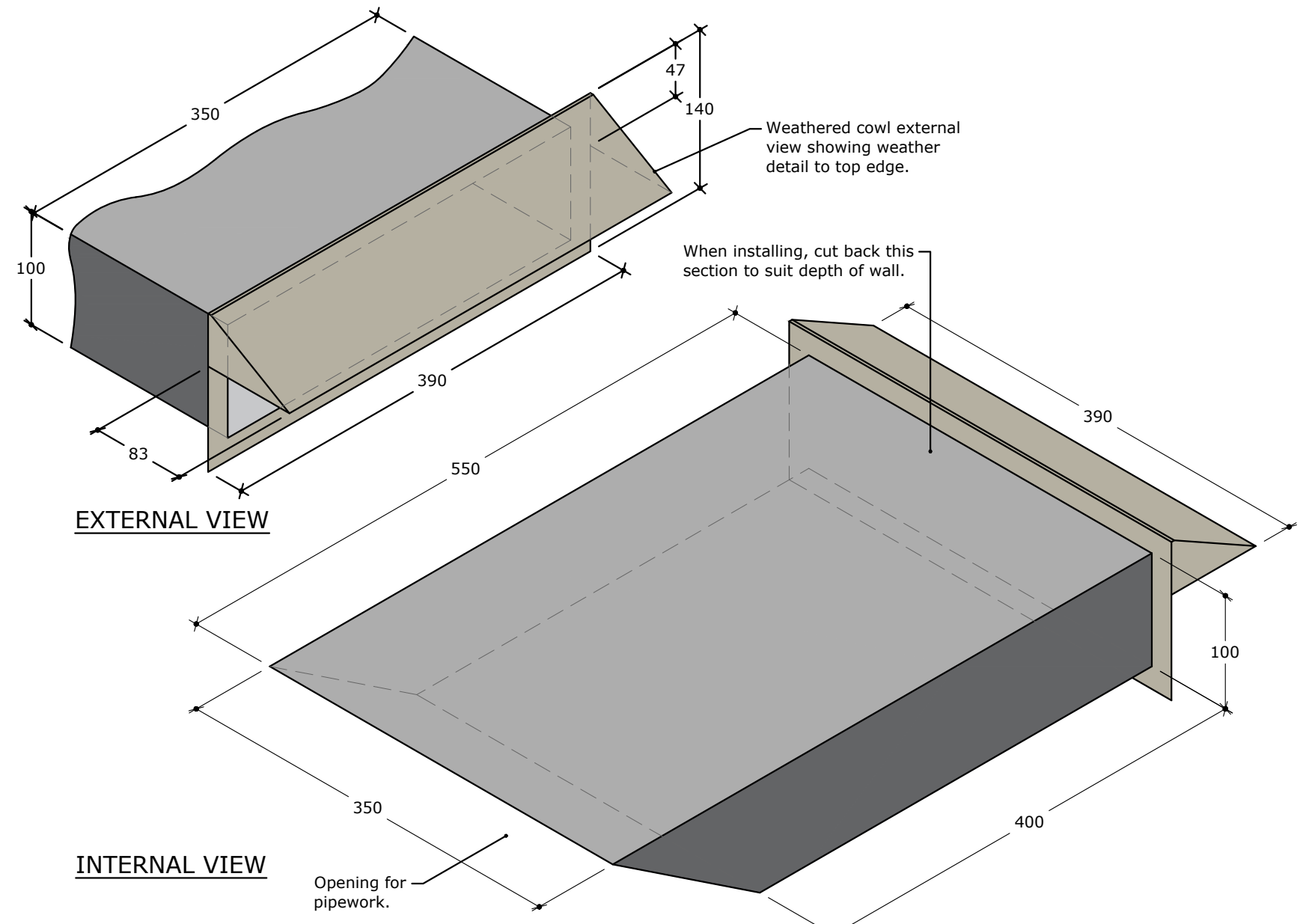
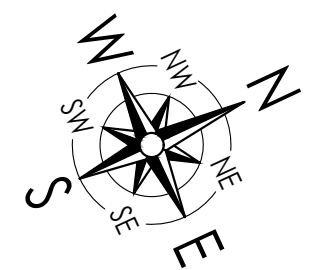
**DETAILS**

- PIPEWORK TO CONDENSERS C/W COWL.
- KEEP EXTERNAL PIPEWORK TO A MINIMUM.
- 5no AC CONTROLLERS TO BE INSTALLED IN MANAGERS DESK TRUNKING.
- 1no I-TAB CONTROLLER TO BE INSTALLED NEAR MANAGERS DESK TRUNKING. POWER WIRED IN BY ELECTRICAL CONTRACTOR
- CASSETTES TO BE INSTALLED @ 3.4m AFL TO AVOID INTERFERENCE WITH RACKING & LIGHTING.
- SOUND PRESSURE LEVEL RZASG71 = 47dba @ 1.0m
- SOUND PRESSURE LEVEL RZA200/250D = 63dba @ 1.0m
- WHERE FITTED THE WAREHOUSE HEATING GAS METER IS TO BE DISCONNECTED INTERNALLY & REMOVED BY UTILITIES COMPANY.
- WHERE INSTALLED, THE WAREHOUSE HEATING GAS METER MAY BE DISCONNECTED & REMOVED BY THE UTILITIES COMPANY AND/OR BY THE TENANT (WHERE POSSIBLE). ADDITIONALLY, ANY REDUNDANT GAS FIRED HEATING EQUIPMENT & ASSOCIATED INFRASTRUCTURE MAY BE REMOVED AS PART OF THESE WORKS. THIS CHANGE IS INTENDED TO PROVIDE A LONG-TERM, SUSTAINABLE HEATING SOLUTION & IS EXPECTED TO PRECLUDE ANY REINSTATEMENT OF A GAS SUPPLY OR GAS HEATING SYSTEM IN THE FUTURE.

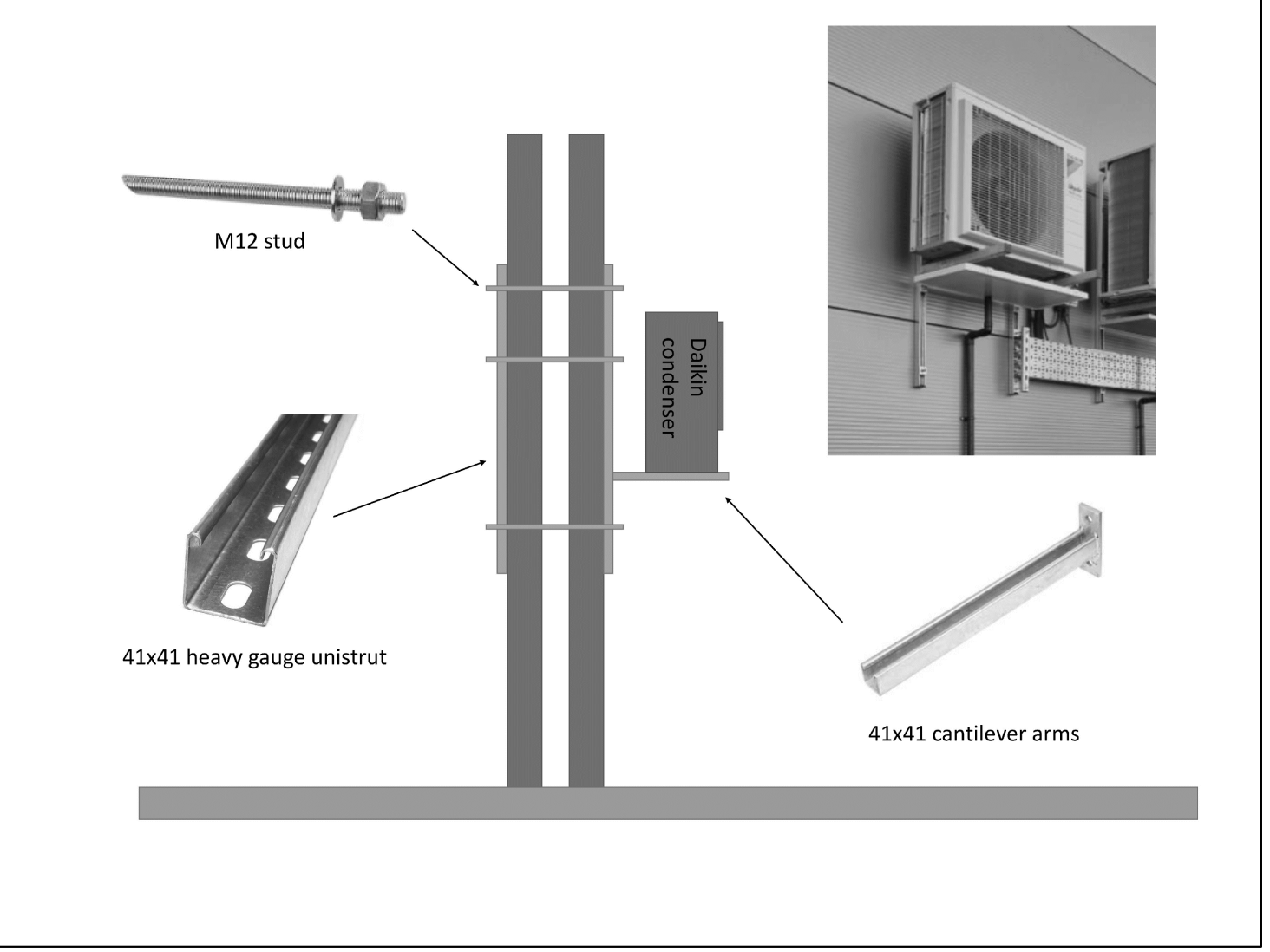
| EQUIPMENT SCHEDULE               |                                                                                     |                              |                     |                  |      |                       |                    |
|----------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------|------------------|------|-----------------------|--------------------|
| NO                               |                                                                                     | TYPE                         | MODEL               | PIPE SIZES (Ømm) |      | DIMENSIONS H x W x D  | VOLTAGE            |
|                                  |                                                                                     |                              |                     | LIQUID           | GAS  |                       |                    |
| CU01<br>CU02                     |    | AIR SOURCE HEAT PUMP (2 No.) | DAIKIN RZASG71M2V1B | 9.52             | 15.9 | 770 x 900 x 320mm     | 220-240v (1 PHASE) |
| CU03<br>CU04                     |    | AIR SOURCE HEAT PUMP (2 No.) | DAIKIN RZA250D      | 9.52             | 25.4 | 870 x 1100 x 460mm    | 380-415v (3 PHASE) |
| CA-01<br>CA-02<br>CA-03<br>CA-04 |    | CASSETTE (4No)               | DAIKIN FCAG125B     | 9.52             | 15.9 | 840 x 840 (950 x 950) | 220-240v (1 PHASE) |
| WM-01<br>WM-02                   |   | WALL MOUNTED UNIT (2 No.)    | DAIKIN FAA71B       | 9.52             | 15.9 | 290 x 1050 x 269mm    | 220-240v (1 PHASE) |
| F1-F4                            |  | DESTRAT FAN                  | MODEL: HL90         |                  |      | 900mm DIAMETER        | 220-240v (1 PHASE) |



**PROPOSED GROUND FLOOR PLAN**  
SCALE 1-100  
Scale bar @ 1:100



**WEATHERED COWL DETAIL - TO BE USED FOR SURFACE MOUNTING IN A CORRUGATED WALL E.G. CLADDING**  
SCALE 1:5



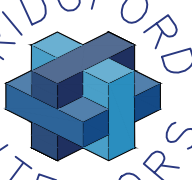
**TYPICAL ASHP CONDENSER UNIT HIGH LEVEL FIXING SUPPORT DETAIL**  
NOT TO SCALE



**PHOTO OF TYPICAL ASHP CONDENSER UNITS MOUNTED AT HIGH LEVEL**  
NOT TO SCALE

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**NOTES**

| REV                                                                                                                                                                                                                                                                                                                                                                             | DESCRIPTION              | BY                                                                                                  | DATE                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|
| Drawing status:-                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                                     |                         |
| <b>PLANNING</b>                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                                     |                         |
| Client:-                                                                                                                                                                                                                                                                                                                                                                        |                          |                                                                                                     |                         |
| <b>SCREWFIX</b>                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                                     |                         |
| Project:-                                                                                                                                                                                                                                                                                                                                                                       |                          |                                                                                                     |                         |
| <b>ASHP INSTALLATION</b>                                                                                                                                                                                                                                                                                                                                                        |                          |                                                                                                     |                         |
| Address:-                                                                                                                                                                                                                                                                                                                                                                       |                          |                                                                                                     |                         |
| Units 2&3 Magnum Centre<br>Fishwick St, Rochdale<br>OL16 5NP                                                                                                                                                                                                                                                                                                                    |                          |                                                                                                     |                         |
| Title:-                                                                                                                                                                                                                                                                                                                                                                         |                          |                                                                                                     |                         |
| <b>PROPOSED<br/>GROUND FLOOR PLAN</b>                                                                                                                                                                                                                                                                                                                                           |                          |                                                                                                     |                         |
| DWG No. <b>11531-103-03</b>                                                                                                                                                                                                                                                                                                                                                     |                          |                                                                                                     |                         |
| Date Created<br><b>29.01.26</b>                                                                                                                                                                                                                                                                                                                                                 |                          | Revision                                                                                            |                         |
| Drawn By<br><b>MPA</b>                                                                                                                                                                                                                                                                                                                                                          | Checked By<br><b>CAD</b> | Scale<br><b>1:100</b>                                                                               | Sheet Size<br><b>A1</b> |
| Please note:- No alterations may be made to the method of manufacture, materials specified & dimensions shown on this drawing without prior consultation with BIL cad dept. Any products specified on this drawing MUST be used in accordance with the manufacturers specification. Should any costs be incurred due to unconfirmed alterations the manufacturer may be liable. |                          |                                                                                                     |                         |
|                                                                                                                                                                                                                                                                                            |                          | Bridgford Building<br>Wellington Crescent<br>Fishwick Park<br>Rochdale<br>Staffordshire<br>WS13 8RZ |                         |