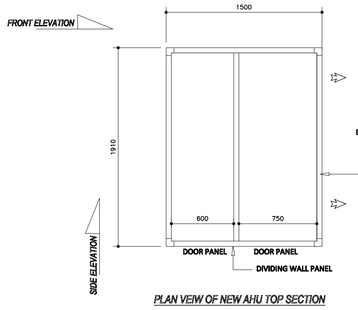
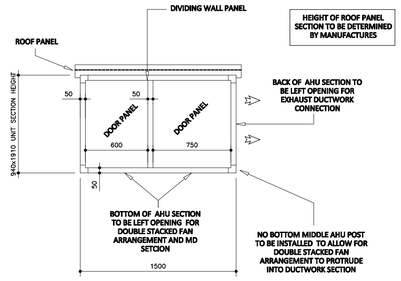
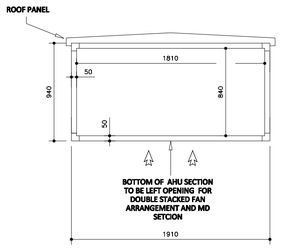
A0




PLAN VIEW OF NEW AHU TOP SECTION



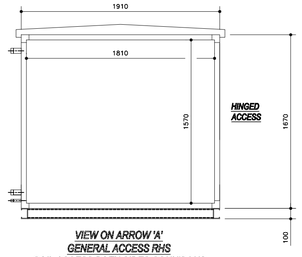

SIDE ELEVATION OF NEW AHU TOP SECTION



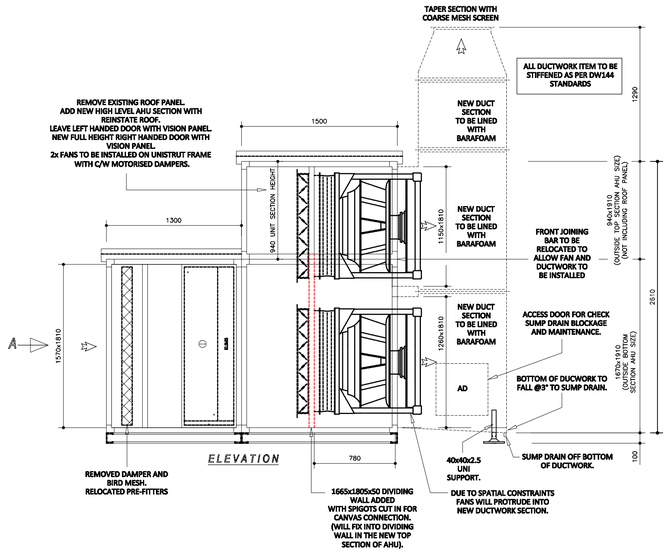

FRONT ELEVATION OF NEW AHU TOP SECTION

*EXTRA ITEM REQUIRED:*
*8 OFF 50x52x50X12500LONG C CHANNEL TO SLOT OVER THE CUT EDGE ONCE HOLES HAVE BEEN CUT INTO THE DIVIDING WALL PANELS FOR FAN AND MD CONNECT SPIGOTS*

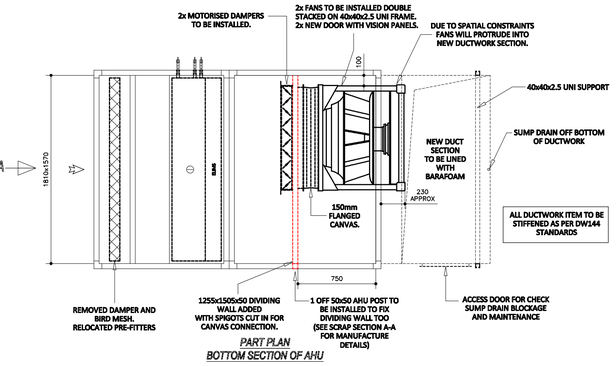
## AHU 04 TOP SECTION DETAILS




VIEW ON ARROW 'A'
GENERAL ACCESS RHS
COIL ACCESS BOTH SIDES CONN'S LHS

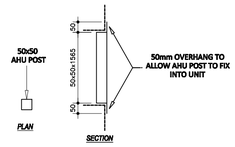



ELEVATION

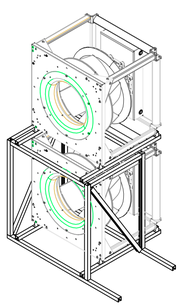


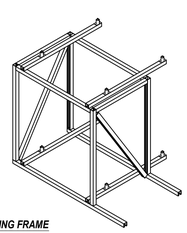

PART PLAN
BOTTOM SECTION OF AHU

*FOR AHU DOOR ARRANGEMENT SEE DRAWING: AHU-DR*

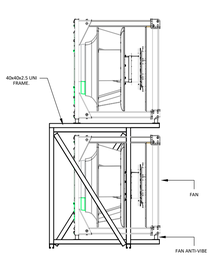



SCRAP SECTION A-A





ISO VIEW OF FAN AND SUPPORTING FRAME




SECTION OF FAN AND SUPPORTING FRAME

1:25 500 250 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500

1:50 1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000

JOB NO. AHU/04 /

| WORKS MANAGER | SHOP DUCTWORK | SHOP STEELWORK |
|---|---|---|
| ERECTOR | SITE OFFICE | SURVEYOR |

WORKS ISSUES , CONSTRUCTION AND TESTING SPECIFICATIONS

| WORKS ISS.NO. | DUCT PART NOS. | CONSTRUCTION SPECIFICATION | LEAKAGE TEST SPECIFICATION |
|---|---|---|---|

DUCTWORK SPECIFICATION

| DUCTWORK SYSTEM | CONSTRUCTION SPECIFICATION | LEAKAGE TEST SPECIFICATION |
|---|---|---|

STANDARD ABBREVIATIONS

| | |
|---|---|
| AP | DENOTES ACCESS DOOR/PANEL |
| BE | DENOTES BLANK END |
| CE | DENOTES CAPPED END |
| EG | DENOTES EXTRACT GRILLE |
| EL | DENOTES EXTRACT LOUVRE |
| FD | DENOTES FIRE DAMPER |
| FOB | DENOTES FLAT ON BOTTOM |
| FOT | DENOTES FLAT ON TOP |
| IC | DENOTES INSPECTION COVER |
| ID | DENOTES IRIS DAMPER |
| MD | DENOTES MOTORISED DAMPER |
| MFD | DENOTES MOTORISED SMOKE DAMPER |
| MFSD | DENOTES MOTORISED FIRE/SMOKE DAMPER |
| MSD | DENOTES MOTORISED SMOKE DAMPER |
| MSFD | DENOTES MOTORISED SMOKE FIRE |
| MVCD | DENOTES MOTORISED VOLUME CONTROL DAMPER |
| SBD | DENOTES SINGLE BLADED DAMPER |
| SG | DENOTES SUPPLY GRILLE |
| SL | DENOTES SUPPLY LOUVRE |
| TSD | DENOTES TOP SET DOWN |
| TSU | DENOTES TOP SET UP |
| VCD | DENOTES VOLUME CONTROL DAMPER |
| ● | DENOTES SUPPORT LOCATION |
| WMS | DENOTES WIRE MESH SCREEN |

SPECIALISED DUCT RUNS

FIRE RATED / STAINLESS / BURASTEEL

INSULATION KEY

DUCT WITH INSULATION

DUCT WITHOUT INSULATION

| THIS DRAWING COMPILED FROM THE FOLLOWING LAYOUTS | REV. |
|---|---|

| REV | BY | DESCRIPTION | DATE | CHKD. |
|---|---|---|---|---|
| 01 | P.B.E. | SHEET SIZE CHANGED. UPDATED TO SUIT COMMENTS. ISSUE FOR INFORMATION | 18/08/21 | P.B.E. |
| 00 | P.B.E. | ISSUE FOR INFORMATION | 24/07/21 | P.B.E. |

Key Plan

Client

Building Services Engineers

COMMERCIAL AIR SYSTEMS

Ventilation & Encasement Specialists

Contract

KING'S COLLEGE LONDON

Description

AHU 04
MODIFICATION ARRANGEMENT

| DRAWN BY | SCALE | DATE |
|---|---|---|
| Paul Edwards | NTS @ A0 | 24/07/2021 |

DRAWING ISSUE CODES

☐ 1. ISSUED FOR RECORD PURPOSES
☐ 2. CONSTRUCTION/MANUFACTURE ISSUE
☐ 3. ISSUED FOR RE-APPROVAL
☐ 4. ISSUED FOR APPROVAL
☐ 5. FOR CO-ORDINATION
☐ 6. FOR INFORMATION ONLY

AUTHORISED FOR ISSUE AS INDICATED ABOVE DATE

DRG.NO. AHU-04 Sht.1 of 1 REV 01

THIS DRG. IS ONLY TO SCALE WHEN PRINTED AT FULL SIZE (A0)