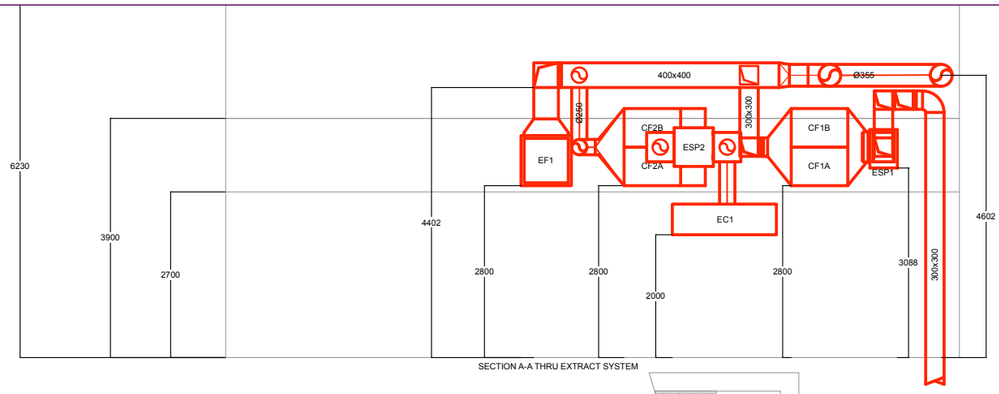
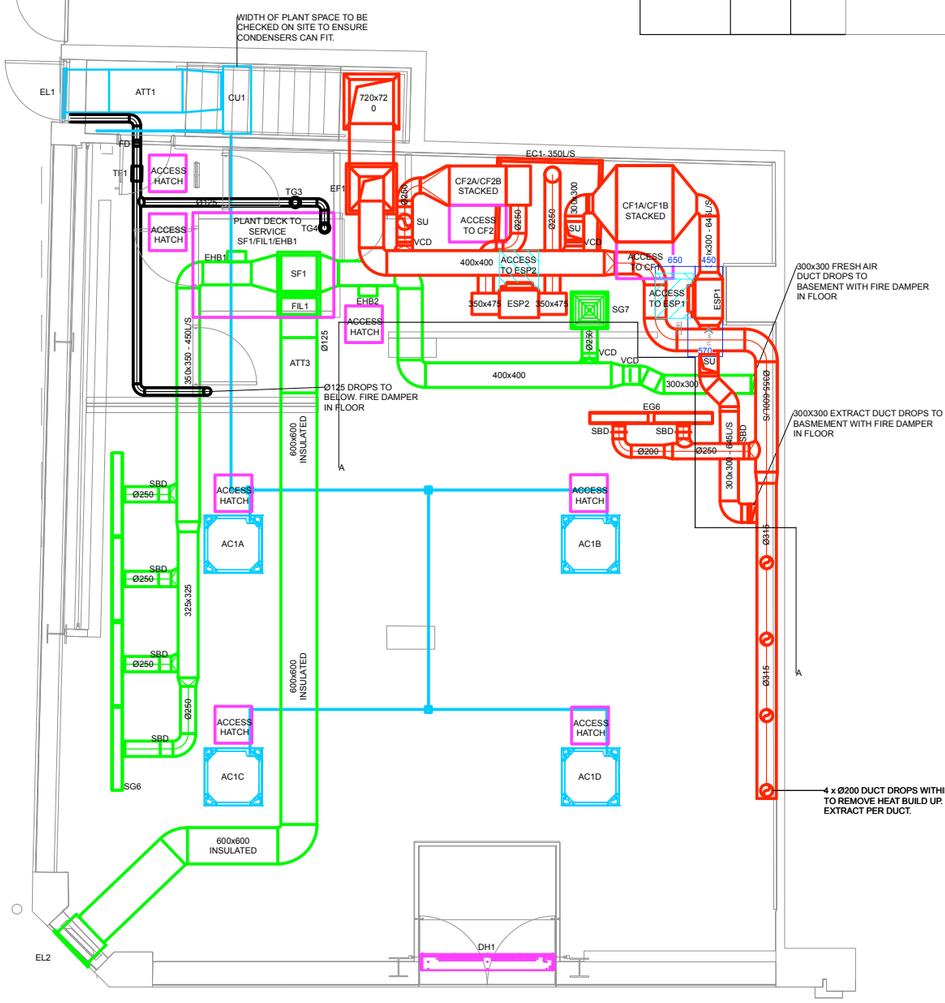
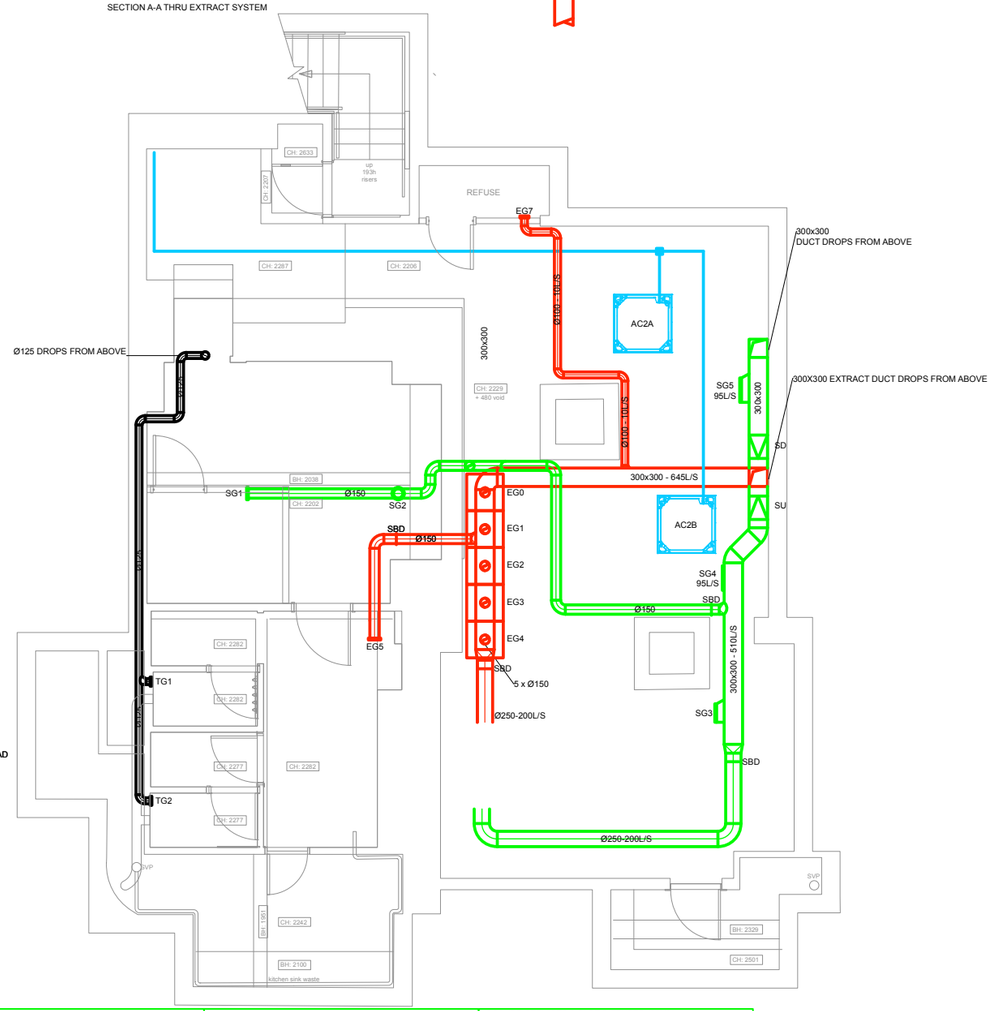


PLANT SPACE ELEVATION



SECTION A-A THRU EXTRACT SYSTEM





NOTES:

A PLANT DECK WILL NEED TO BE FORMED TO SIT ABOVE THE GROUND FLOOR TOILET AREA.

ALL ATTENUATORS HAVE BEEN SELECTED IN ACCORDANCE WITH ACA ACOUSTICS LTD REPORT - 251205-ATT-SCH-B DATED 18TH MARCH 2026

DUCTWORK COLOUR KEY

- EXTRACT RETURN AIR
- FRESH AIR SUPPLY (PRIMARY)
- FRESH AIR INLET
- AC SUPPLY AIR (SECONDARY)
- TOILET EXTRACT

REV	DESCRIPTION	DATE
A	SECTION A-A THRU EXTRACT SYSTEM	01.07.2026

AC1A-AC1D: DAIKIN FCAG50B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 204HIGH
WEIGHT:24KG
PIPE SIZE: 1/2 (S) - 1/4 (L) TO REFNET
ELEC SUPPLY: VIA CU1

AC2A-AC2B: DAIKIN FCAG100B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 246HIGH
WEIGHT:28KG
PIPE SIZE: 5/8 (S) - 3/8 (L) TO REFNET
ELEC SUPPLY: VIA CU2

CU1-CU2: DAIKIN RZA200D CONDENSER UNITS
DIMS: 1100WIDE X 460DEEP X 870HIGH
WEIGHT:117KG
PIPE SIZE: 7/8 (S) - 3/8 (L)
ELEC SUPPLY: 400V, 3PH, 50HZ, 20A MCB
QUANTITY: 2

ATT1 & ATT2 - NOICO LTD ATTENUATORS (50% FREE AREA)
DIMS: 700WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1683L/S
WEIGHT: TBC
QUANTITY: 2

EL1 - WL50 EXTERNAL LOUVRES
DIMS: 900 W x 1600 H (PER SECTION)
AIRFLOW: 6100L/S
COLOUR: TBC
NOTE: FINAL LOUVRE SIZE SUBJECT TO SITE SURVEY

EC1-STAINLESS STEEL EXTRACT CANOPY
DIMS: 1700WIDE X 1550 DEEP X 500 HIGH
AIRFLOW: 350L/S
SPIGOT: Ø250

EG0-EG4 - TILE REPLACER EGG CRATE GRILLES
DIMS: 595x595 OVERALL
AIRFLOW: 75L/S
COLOUR: WHITE
QUANTITY: 5

EG5 - CIRCULAR EXTRACT AIR VALVE
DIMS: Ø150 NECK SIZE
AIRFLOW: 60L/S
COLOUR: WHITE

EG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 2000WIDE X 179 HIGH OVERALL
AIRFLOW: 200L/S
PLENUM BOXES: 2 NO. 950 LONG C/W Ø197 SPIGOTS
COLOUR: RAL9010

EG7 - FIRE RATED CIRCULAR EXTRACT AIR VALVE
DIMS: Ø100 NECK SIZE
AIRFLOW: 10L/S
COLOUR: WHITE

ESP1: PURIFIED AIR ESP1500E R-L
AIR VOL: 645L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

EF1: SYSTEMAIR MUB062 500EC EXTRACT FAN
DIMS: 820WIDE X 820DEEP X 820HIGH
WEIGHT:74KG
AIRFLOW: 1310 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.06A FLC

CF1A/CF1B-PURIFIED AIR MFU1200-A1 CARBON FILTER UNITS
DIMS: 1245WIDE X 924 DEEP X 630 HIGH
AIRFLOW: 645L/S
DWELL TIME: 0.6 SECONDS
PRE FILTERS: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

CF2A/CF2B-PURIFIED AIR MFU600-A1 CARBON FILTER UNITS
DIMS: 642WIDE X 924 DEEP X 630 HIGH (EACH)
AIRFLOW: 350L/S
DWELL TIME: 0.6 SECONDS
PRE FILTER: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

ATT1 - NOICO LTD MELINEX & PERF ATTENUATOR
DIMS: 900WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1310L/S
WEIGHT: 65KG
QUANTITY: 1

ESP2: PURIFIED AIR ESP1500E L-R
AIR VOL: 350L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

FIL1: SYSTEMAIR KKF30 042 FILTER UNIT
DIMS: 690WIDE X 378DEEP X 690HIGH
WEIGHT:23KG
AIRFLOW: 960 L/S
FILTER: #303571 - M5 FILTER

SF1: SYSTEMAIR MUB042 500EC SUPPLY FAN
DIMS: 690WIDE X 690DEEP X 690HIGH
WEIGHT:53KG
AIRFLOW: 960 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.07A FLC

SG1-SG2 - CIRCULAR SUPPLY AIR VALVES
DIMS: Ø150 NECK SIZE
AIRFLOW: 30L/S
COLOUR: WHITE
QUANTITY: 2

SG3 - DOUBLE DEFLECTION GRILLE
DIMS: 250x250 NECK SIZE
AIRFLOW: 250L/S
COLOUR: WHITE
QUANTITY: 1

SG4-SG5 - LINEAR BAR GRILLES
DIMS: 400x250 NECK SIZE
AIRFLOW: 95L/S
COLOUR: WHITE
QUANTITY: 2

EL2 - WL50 EXTERNAL LOUVRE
DIMS: 700x700 NECK SIZE
AIRFLOW: 960L/S
COLOUR: TO BE CONFIRMED

SG7 - TILE REPLACER 4 WAY DIFFUSER
DIMS: 595x595 (450x450 NECK)
AIRFLOW: 200L/S
COLOUR: RAL9010

EHB1: NEATAFAN 12KW ELECTRIC HEATER WITH CONTROLS
DIMS: 350WIDE X 450DEEP X 350HIGH
WEIGHT:15KG
AIRFLOW: 450 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 18A FLC

EHB2: NEATAFAN 18KW ELECTRIC HEATER WITH CONTROLS
DIMS: Ø315WIDE X 450DEEP X Ø315HIGH
WEIGHT:15KG
AIRFLOW: 710 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 32A FLC

ATT3 - NOICO LTD ATTENUATOR (40% FREE AREA)
DIMS: 600WIDE X 900 DEEP X 600 HIGH
AIRFLOW: 960L/S
WEIGHT: TBC
QUANTITY: 1

SG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 5500WIDE X 179 HIGH OVERALL
AIRFLOW: 450L/S
PLENUM BOXES: 4 NO. 1350 LONG C/W Ø247 SPIGOTS
COLOUR: RAL9010

TF1: SYSTEMAIR PRIO ECO 125 EC EXTRACT FAN
DIMS: 164WIDE X 246DEEP X 205HIGH
WEIGHT:3.22KG
AIRFLOW: 40L/S
ELEC SUPPLY: 230V, 1PH, 50HZ, 0.28A FLC
QUANTITY: 1

TG1-TG4: CIRCULAR EXTRACT AIR VALVES
DIMS: Ø125 NECK SIZE
AIRFLOW: 10 L/S
COLOUR: WHITE
QUANTITY: 4

DH1: THERMOSCREENS C2000ENT SURFACE AIR CURTAIN
DIMS: 2200WIDE X 275 DEEP X 198 HIGH
DUTY: 9/18KW
ELEC SUPPLY: 400V, 3PH, 50HZ, 27.2A FLC
QUANTITY: 1

Scale Bar
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
All Dimensions Are In Millimetres

1 BRADDOCK COURT
BASINGSTOKE
HAMPSHIRE
RG21 6AS

M:07889 605592
E: CRAIG@SPIRITUSTECHNICALSERVICES.CO.UK

CLIENT:
WASABI

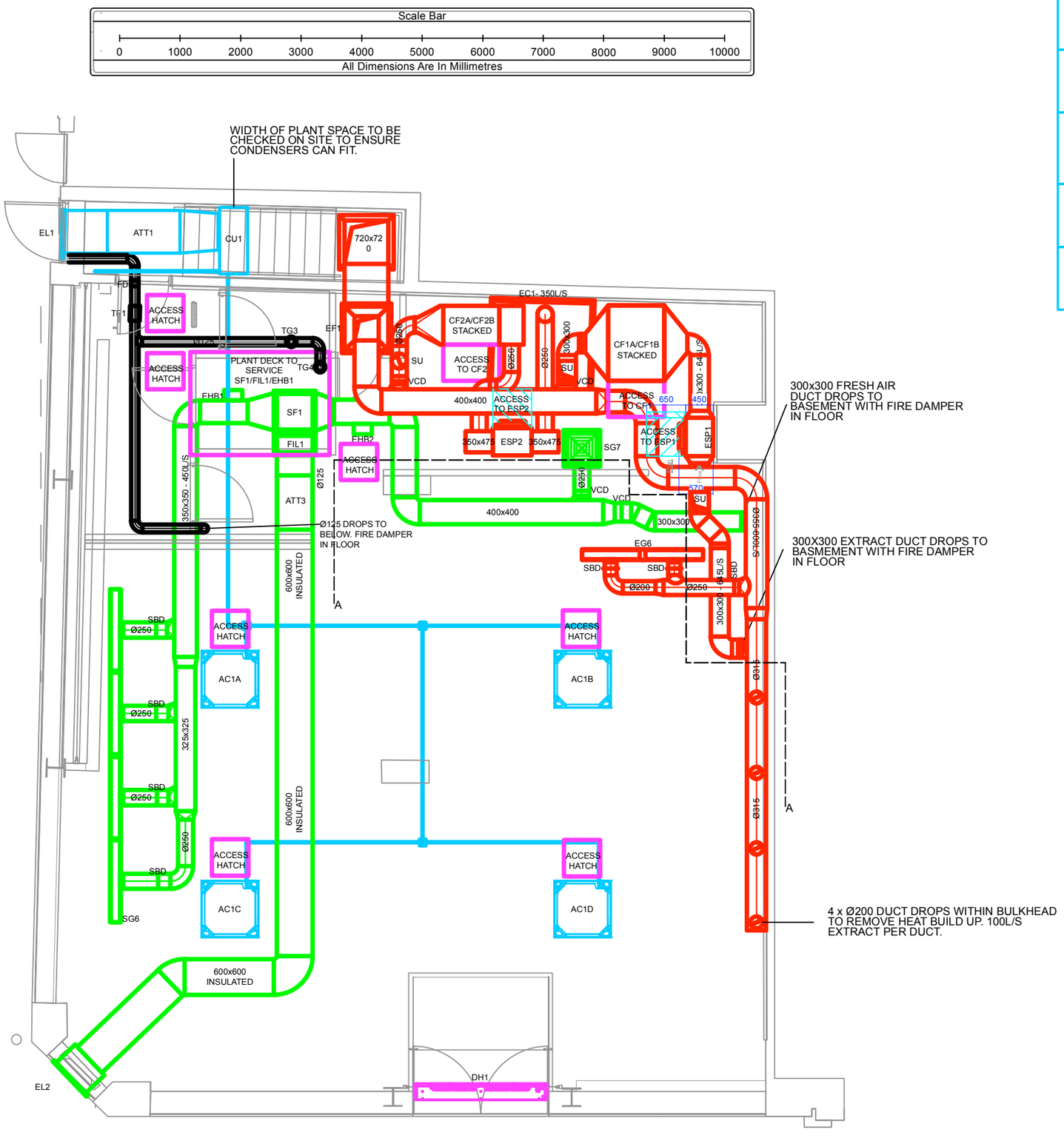
SITE:
102 MARKET STREET
MANCHESTER
M1 1PB

DRAWING TITLE:
PROPOSED HVAC LAYOUT

DRAWN BY:	DATE:	SCALE:
CB	15.05.2026	1:50 @ A1

DRAWING NUMBER:	REVISION:
STS1378-M05	A

DRAWING STATUS:
FOR APPROVAL



GROUND FLOOR PROPOSED LAYOUT

AC1A-AC1D: DAIKIN FCAG50B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 204HIGH
WEIGHT:24KG
PIPE SIZE: 1/2 (S) - 1/4 (L) TO REFNET
ELEC SUPPLY: VIA CU1

AC2A-AC2B: DAIKIN FCAG100B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 246HIGH
WEIGHT:28KG
PIPE SIZE: 5/8 (S) - 3/8 (L) TO REFNET
ELEC SUPPLY: VIA CU2

CU1-CU2: DAIKIN RZA200D CONDENSER UNITS
DIMS: 1100WIDE X 460DEEP X 870HIGH
WEIGHT:117KG
PIPE SIZE: 7/8 (S) - 3/8 (L)
ELEC SUPPLY: 400V, 3PH, 50HZ, 20A MCB
QUANTITY: 2

ATT1 & ATT2 - NOICO LTD ATTENUATORS (50% FREE AREA)
DIMS: 700WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1683L/S
WEIGHT: TBC
QUANTITY: 2

EL1 - WL50 EXTERNAL LOUVRES
DIMS: 900 W x 1600 H (PER SECTION)
AIRFLOW: 6100L/S
COLOUR: TBC
NOTE: FINAL LOUVRE SIZE SUBJECT TO SITE SURVEY

TF1: SYSTEMAIR PRIO ECO 125 EC EXTRACT FAN
DIMS: 164WIDE X 246DEEP X 205HIGH
WEIGHT:3.22KG
AIRFLOW: 40L/S
ELEC SUPPLY: 230V, 1PH, 50HZ, 0.28A FLC
QUANTITY: 1

TG1-TG4: CIRCULAR EXTRACT AIR VALVES
DIMS: Ø125 NECK SIZE
AIRFLOW: 10 L/S
COLOUR: WHITE
QUANTITY: 4

DH1: THERMOSCREENS C2000ENT SURFACE AIR CURTAIN
DIMS: 2200WIDE X 275 DEEP X 198 HIGH
DUTY: 9/18KW
ELEC SUPPLY: 400V, 3PH, 50HZ, 27.2A FLC
QUANTITY: 1

FIL1: SYSTEMAIR KKF30 042 FILTER UNIT
DIMS: 690WIDE X 378DEEP X 690HIGH
WEIGHT:23KG
AIRFLOW: 960 L/S
FILTER: #303571 - M5 FILTER

SF1: SYSTEMAIR MUB042 500EC SUPPLY FAN
DIMS: 690WIDE X 690DEEP X 690HIGH
WEIGHT:53KG
AIRFLOW: 960 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.07A FLC

SG1-SG2 - CIRCULAR SUPPLY AIR VALVES
DIMS: Ø150 NECK SIZE
AIRFLOW: 30L/S
COLOUR: WHITE
QUANTITY: 2

SG3 - DOUBLE DEFLECTION GRILLE
DIMS: 250x250 NECK SIZE
AIRFLOW: 250L/S
COLOUR: WHITE
QUANTITY: 1

SG4-SG5 - LINEAR BAR GRILLES
DIMS: 400x250 NECK SIZE
AIRFLOW: 95L/S
COLOUR: WHITE
QUANTITY: 2

EL2 - WL50 EXTERNAL LOUVRE
DIMS: 700x700 NECK SIZE
AIRFLOW: 960L/S
COLOUR: TO BE CONFIRMED

SG7 - TILE REPLACER 4 WAY DIFFUSER
DIMS: 595x595 (450x450 NECK)
AIRFLOW: 200L/S
COLOUR: RAL9010

EHB1: NEATAFAN 12KW ELECTRIC HEATER WITH CONTROLS
DIMS: 350WIDE X 450DEEP X 350HIGH
WEIGHT:15KG
AIRFLOW: 450 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 18A FLC

EHB2: NEATAFAN 18KW ELECTRIC HEATER WITH CONTROLS
DIMS: Ø315WIDE X 450DEEP X Ø315HIGH
WEIGHT:15KG
AIRFLOW: 710 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 32A FLC

ATT3 - NOICO LTD ATTENUATOR (40% FREE AREA)
DIMS: 600WIDE X 900 DEEP X 600 HIGH
AIRFLOW: 960L/S
WEIGHT: TBC
QUANTITY: 1

SG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 5500WIDE X 179 HIGH OVERALL
AIRFLOW: 450L/S
PLENUM BOXES: 4 NO. 1350 LONG C/W Ø247 SPIGOTS
COLOUR: RAL9010

EC1-STAINLESS STEEL EXTRACT CANOPY
DIMS: 1700WIDE X 1550 DEEP X 500 HIGH
AIRFLOW: 350L/S
SPIGOT: Ø250

EG0-EG4 - TILE REPLACER EGG CRATE GRILLES
DIMS: 595x595 OVERALL
AIRFLOW: 75L/S
COLOUR: WHITE
QUANTITY: 5

EG5 - CIRCULAR EXTRACT AIR VALVE
DIMS: Ø150 NECK SIZE
AIRFLOW: 60L/S
COLOUR: WHITE

EG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 2000WIDE X 179 HIGH OVERALL
AIRFLOW: 200L/S
PLENUM BOXES: 2 NO. 950 LONG C/W Ø197 SPIGOTS
COLOUR: RAL9010

EG7 - FIRE RATED CIRCULAR EXTRACT AIR VALVE
DIMS: Ø100 NECK SIZE
AIRFLOW: 10L/S
COLOUR: WHITE

ESP1: PURIFIED AIR ESP1500E R-L
AIR VOL: 645L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

EF1: SYSTEMAIR MUB062 500EC EXTRACT FAN
DIMS: 820WIDE X 820DEEP X 820HIGH
WEIGHT:74KG
AIRFLOW: 1310 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.06A FLC

CF1A/CF1B-PURIFIED AIR MFU1200-A1 CARBON FILTER UNITS
DIMS: 1245WIDE X 924 DEEP X 630 HIGH
AIRFLOW: 645L/S
DWELL TIME: 0.6 SECONDS
PRE FILTERS: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

CF2A/CF2B-PURIFIED AIR MFU600-A1 CARBON FILTER UNITS
DIMS: 642WIDE X 924 DEEP X 630 HIGH (EACH)
AIRFLOW: 350L/S
DWELL TIME: 0.6 SECONDS
PRE FILTER: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

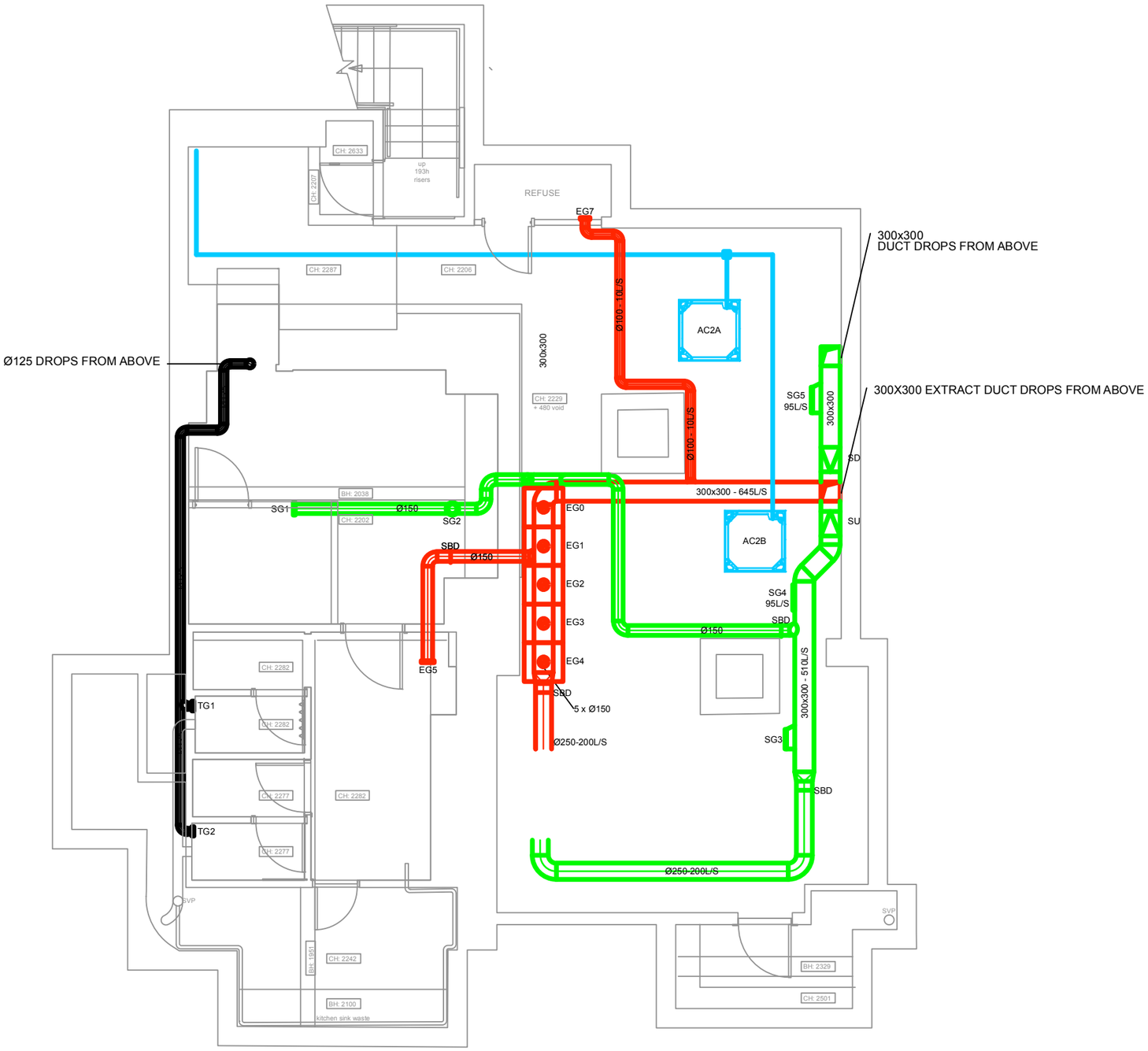
ATT1 - NOICO LTD MELINEX & PERF ATTENUATOR
DIMS: 900WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1310L/S
WEIGHT: 65KG
QUANTITY: 1

ESP2: PURIFIED AIR ESP1500E L-R
AIR VOL: 350L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

Scale Bar

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

All Dimensions Are In Millimetres



BASEMENT PROPOSED LAYOUT

AC1A-AC1D: DAIKIN FCAG50B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 204HIGH
WEIGHT:24KG
PIPE SIZE: 1/2 (S) - 1/4 (L) TO REFNET
ELEC SUPPLY: VIA CU1

AC2A-AC2B: DAIKIN FCAG100B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 246HIGH
WEIGHT:28KG
PIPE SIZE: 5/8 (S) - 3/8 (L) TO REFNET
ELEC SUPPLY: VIA CU2

CU1-CU2: DAIKIN RZA200D CONDENSER UNITS
DIMS: 1100WIDE X 460DEEP X 870HIGH
WEIGHT:117KG
PIPE SIZE: 7/8 (S) - 3/8 (L)
ELEC SUPPLY: 400V, 3PH, 50HZ, 20A MCB
QUANTITY: 2

ATT1 & ATT2 - NOICO LTD ATTENUATORS (50% FREE AREA)
DIMS: 700WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1683L/S
WEIGHT: TBC
QUANTITY: 2

EL1 - WL50 EXTERNAL LOUVRES
DIMS: 900 W x 1600 H (PER SECTION)
AIRFLOW: 6100L/S
COLOUR: TBC
NOTE: FINAL LOUVRE SIZE SUBJECT TO SITE SURVEY

TF1: SYSTEMAIR PRIO ECO 125 EC EXTRACT FAN
DIMS: 164WIDE X 246DEEP X 205HIGH
WEIGHT:3.22KG
AIRFLOW: 40L/S
ELEC SUPPLY: 230V, 1PH, 50HZ, 0.28A FLC
QUANTITY: 1

TG1-TG4: CIRCULAR EXTRACT AIR VALVES
DIMS: Ø125 NECK SIZE
AIRFLOW: 10 L/S
COLOUR: WHITE
QUANTITY: 4

FIL1: SYSTEMAIR KKF30 042 FILTER UNIT
DIMS: 690WIDE X 378DEEP X 690HIGH
WEIGHT:23KG
AIRFLOW: 960 L/S
FILTER: #303571 - M5 FILTER

SF1: SYSTEMAIR MUB042 500EC SUPPLY FAN
DIMS: 690WIDE X 690DEEP X 690HIGH
WEIGHT:53KG
AIRFLOW: 960 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.07A FLC

SG1-SG2 - CIRCULAR SUPPLY AIR VALVES
DIMS: Ø150 NECK SIZE
AIRFLOW: 30L/S
COLOUR: WHITE
QUANTITY: 2

SG3 - DOUBLE DEFLECTION GRILLE
DIMS: 250x250 NECK SIZE
AIRFLOW: 250L/S
COLOUR: WHITE
QUANTITY: 1

SG4-SG5 - LINEAR BAR GRILLES
DIMS: 400x250 NECK SIZE
AIRFLOW: 95L/S
COLOUR: WHITE
QUANTITY: 2

EL2 - WL50 EXTERNAL LOUVRE
DIMS: 700x700 NECK SIZE
AIRFLOW: 960L/S
COLOUR: TO BE CONFIRMED

SG7 - TILE REPLACER 4 WAY DIFFUSER
DIMS: 595x595 (450x450 NECK)
AIRFLOW: 200L/S
COLOUR: RAL9010

EHB1: NEATAFAN 12KW ELECTRIC HEATER WITH CONTROLS
DIMS: 350WIDE X 450DEEP X 350HIGH
WEIGHT:15KG
AIRFLOW: 450 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 18A FLC

EHB2: NEATAFAN 18KW ELECTRIC HEATER WITH CONTROLS
DIMS: Ø315WIDE X 450DEEP X Ø315HIGH
WEIGHT:15KG
AIRFLOW: 710 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 32A FLC

ATT3 - NOICO LTD ATTENUATOR (40% FREE AREA)
DIMS: 600WIDE X 900 DEEP X 600 HIGH
AIRFLOW: 960L/S
WEIGHT: TBC
QUANTITY: 1

SG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 5500WIDE X 179 HIGH OVERALL
AIRFLOW: 450L/S
PLENUM BOXES: 4 NO. 1350 LONG C/W Ø247 SPIGOTS
COLOUR: RAL9010

EC1-STAINLESS STEEL EXTRACT CANOPY
DIMS: 1700WIDE X 1550 DEEP X 500 HIGH
AIRFLOW: 350L/S
SPIGOT: Ø250

EG0-EG4 - TILE REPLACER EGG CRATE GRILLES
DIMS: 595x595 OVERALL
AIRFLOW: 75L/S
COLOUR: WHITE
QUANTITY: 5

EG5 - CIRCULAR EXTRACT AIR VALVE
DIMS: Ø150 NECK SIZE
AIRFLOW: 60L/S
COLOUR: WHITE

EG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 2000WIDE X 179 HIGH OVERALL
AIRFLOW: 200L/S
PLENUM BOXES: 2 NO. 950 LONG C/W Ø197 SPIGOTS
COLOUR: RAL9010

EG7 - FIRE RATED CIRCULAR EXTRACT AIR VALVE
DIMS: Ø100 NECK SIZE
AIRFLOW: 10L/S
COLOUR: WHITE

ESP1: PURIFIED AIR ESP1500E R-L
AIR VOL: 645L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

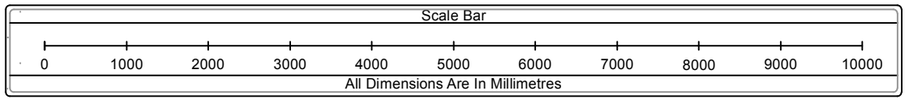
EF1: SYSTEMAIR MUB062 500EC EXTRACT FAN
DIMS: 820WIDE X 820DEEP X 820HIGH
WEIGHT:74KG
AIRFLOW: 1310 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.06A FLC

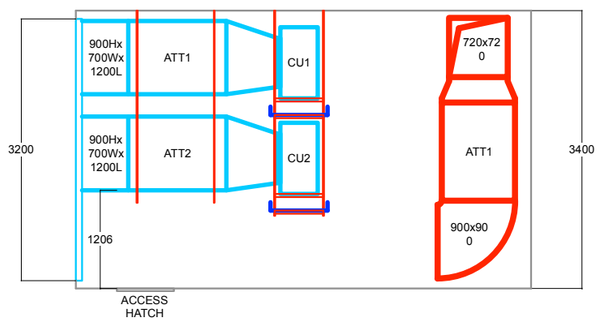
CF1A/CF1B-PURIFIED AIR MFU1200-A1 CARBON FILTER UNITS
DIMS: 1245WIDE X 924 DEEP X 630 HIGH
AIRFLOW: 645L/S
DWELL TIME: 0.6 SECONDS
PRE FILTERS: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

CF2A/CF2B-PURIFIED AIR MFU600-A1 CARBON FILTER UNITS
DIMS: 642WIDE X 924 DEEP X 630 HIGH (EACH)
AIRFLOW: 350L/S
DWELL TIME: 0.6 SECONDS
PRE FILTER: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

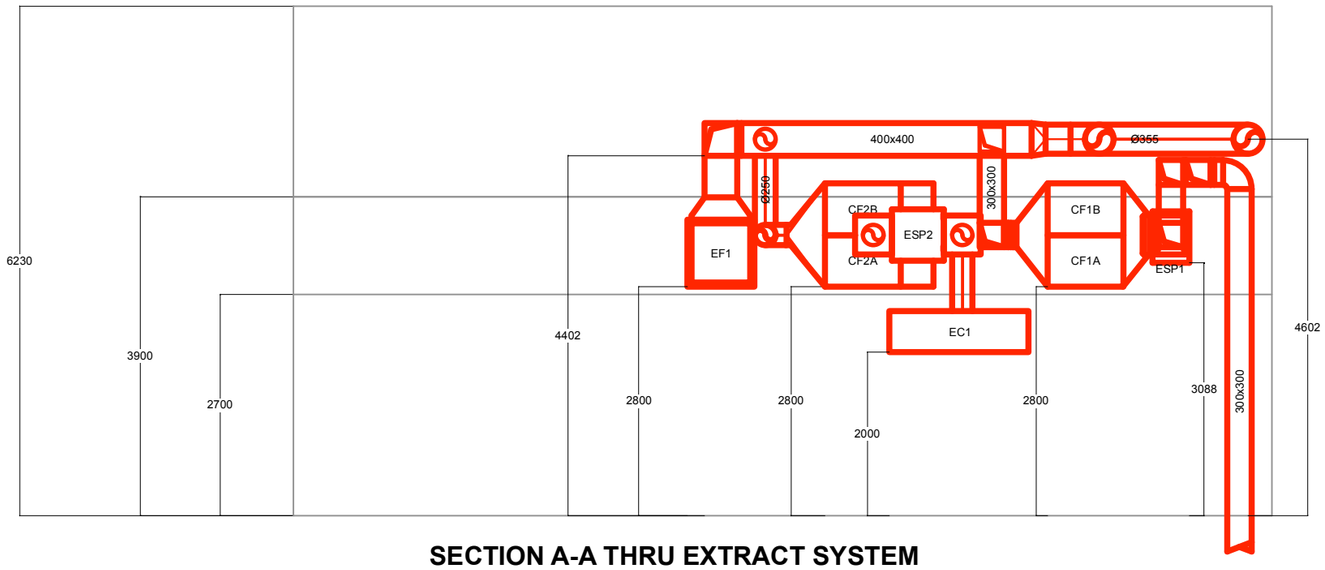
ATT1 - NOICO LTD MELINEX & PERF ATTENUATOR
DIMS: 900WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1310L/S
WEIGHT: 65KG
QUANTITY: 1

ESP2: PURIFIED AIR ESP1500E L-R
AIR VOL: 350L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1





PLANT SPACE ELEVATION



SECTION A-A THRU EXTRACT SYSTEM

AC1A-AC1D: DAIKIN FCAG50B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 204HIGH
WEIGHT:24KG
PIPE SIZE: 1/2 (S) - 1/4 (L) TO REFNET
ELEC SUPPLY: VIA CU1

AC2A-AC2B: DAIKIN FCAG100B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 246HIGH
WEIGHT:28KG
PIPE SIZE: 5/8 (S) - 3/8 (L) TO REFNET
ELEC SUPPLY: VIA CU2

CU1-CU2: DAIKIN RZA200D CONDENSER UNITS
DIMS: 1100WIDE X 460DEEP X 870HIGH
WEIGHT:117KG
PIPE SIZE: 7/8 (S) - 3/8 (L)
ELEC SUPPLY: 400V, 3PH, 50HZ, 20A MCB
QUANTITY: 2

ATT1 & ATT2 - NOICO LTD ATTENUATORS (50% FREE AREA)
DIMS: 700WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1683L/S
WEIGHT: TBC
QUANTITY: 2

EL1 - WL50 EXTERNAL LOUVRES
DIMS: 900 W x 1600 H (PER SECTION)
AIRFLOW: 6100L/S
COLOUR: TBC
NOTE: FINAL LOUVRE SIZE SUBJECT TO SITE SURVEY

EC1-STAINLESS STEEL EXTRACT CANOPY
DIMS: 1700WIDE X 1550 DEEP X 500 HIGH
AIRFLOW: 350L/S
SPIGOT: Ø250

EG0-EG4 - TILE REPLACER EGG CRATE GRILLES
DIMS: 595x595 OVERALL
AIRFLOW: 75L/S
COLOUR: WHITE
QUANTITY: 5

EG5 - CIRCULAR EXTRACT AIR VALVE
DIMS: Ø150 NECK SIZE
AIRFLOW: 60L/S
COLOUR: WHITE

EG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 2000WIDE X 179 HIGH OVERALL
AIRFLOW: 200L/S
PLENUM BOXES: 2 NO. 950 LONG C/W Ø197 SPIGOTS
COLOUR: RAL9010

EG7 - FIRE RATED CIRCULAR EXTRACT AIR VALVE
DIMS: Ø100 NECK SIZE
AIRFLOW: 10L/S
COLOUR: WHITE

ESP1: PURIFIED AIR ESP1500E R-L
AIR VOL: 645L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

EF1: SYSTEMAIR MUB062 500EC EXTRACT FAN
DIMS: 820WIDE X 820DEEP X 820HIGH
WEIGHT:74KG
AIRFLOW: 1310 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.06A FLC

CF1A/CF1B-PURIFIED AIR MFU1200-A1 CARBON FILTER UNITS
DIMS: 1245WIDE X 924 DEEP X 630 HIGH
AIRFLOW: 645L/S
DWELL TIME: 0.6 SECONDS
PRE FILTERS: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

CF2A/CF2B-PURIFIED AIR MFU600-A1 CARBON FILTER UNITS
DIMS: 642WIDE X 924 DEEP X 630 HIGH (EACH)
AIRFLOW: 350L/S
DWELL TIME: 0.6 SECONDS
PRE FILTER: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

ATT1 - NOICO LTD MELINEX & PERF ATTENUATOR
DIMS: 900WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1310L/S
WEIGHT: 65KG
QUANTITY: 1

ESP2: PURIFIED AIR ESP1500E L-R
AIR VOL: 350L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

AC1A-AC1D: DAIKIN FCAG50B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 204HIGH
WEIGHT:24KG
PIPE SIZE: 1/2 (S) - 1/4 (L) TO REFNET
ELEC SUPPLY: VIA CU1

AC2A-AC2B: DAIKIN FCAG100B CASSETTES (WHITE GRILLES)
DIMS: 950WIDE X 950DEEP X 246HIGH
WEIGHT:28KG
PIPE SIZE: 5/8 (S) - 3/8 (L) TO REFNET
ELEC SUPPLY: VIA CU2

CU1-CU2: DAIKIN RZA200D CONDENSER UNITS
DIMS: 1100WIDE X 460DEEP X 870HIGH
WEIGHT:117KG
PIPE SIZE: 7/8 (S) - 3/8 (L)
ELEC SUPPLY: 400V, 3PH, 50HZ, 20A MCB
QUANTITY: 2

ATT1 & ATT2 - NOICO LTD ATTENUATORS (50% FREE AREA)
DIMS: 700WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1683L/S
WEIGHT: TBC
QUANTITY: 2

EL1 - WL50 EXTERNAL LOUVRES
DIMS: 900 W x 1600 H (PER SECTION)
AIRFLOW: 6100L/S
COLOUR: TBC
NOTE: FINAL LOUVRE SIZE SUBJECT TO SITE SURVEY

EC1-STAINLESS STEEL EXTRACT CANOPY
DIMS: 1700WIDE X 1550 DEEP X 500 HIGH
AIRFLOW: 350L/S
SPIGOT: Ø250

EG0-EG4 - TILE REPLACER EGG CRATE GRILLES
DIMS: 595x595 OVERALL
AIRFLOW: 75L/S
COLOUR: WHITE
QUANTITY: 5

EG5 - CIRCULAR EXTRACT AIR VALVE
DIMS: Ø150 NECK SIZE
AIRFLOW: 60L/S
COLOUR: WHITE

EG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 2000WIDE X 179 HIGH OVERALL
AIRFLOW: 200L/S
PLENUM BOXES: 2 NO. 950 LONG C/W Ø197 SPIGOTS
COLOUR: RAL9010

EG7 - FIRE RATED CIRCULAR EXTRACT AIR VALVE
DIMS: Ø100 NECK SIZE
AIRFLOW: 10L/S
COLOUR: WHITE

ESP1: PURIFIED AIR ESP1500E R-L
AIR VOL: 645L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

EF1: SYSTEMAIR MUB062 500EC EXTRACT FAN
DIMS: 820WIDE X 820DEEP X 820HIGH
WEIGHT:74KG
AIRFLOW: 1310 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.06A FLC

CF1A/CF1B-PURIFIED AIR MFU1200-A1 CARBON FILTER UNITS
DIMS: 1245WIDE X 924 DEEP X 630 HIGH
AIRFLOW: 645L/S
DWELL TIME: 0.6 SECONDS
PRE FILTERS: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

CF2A/CF2B-PURIFIED AIR MFU600-A1 CARBON FILTER UNITS
DIMS: 642WIDE X 924 DEEP X 630 HIGH (EACH)
AIRFLOW: 350L/S
DWELL TIME: 0.6 SECONDS
PRE FILTER: G4 PLEATED 595X595X95 - CARBON FILTER
QUANTITY: 2

ATT1 - NOICO LTD MELINEX & PERF ATTENUATOR
DIMS: 900WIDE X 1200 DEEP X 900 HIGH
AIRFLOW: 1310L/S
WEIGHT: 65KG
QUANTITY: 1

ESP2: PURIFIED AIR ESP1500E L-R
AIR VOL: 350L/S
DIMS: 453 WIDE X 660 LONG X 630 HIGH
ELEC SUPPLY: 230V, 1PH, 50HZ, 6AMP FLC - VIA CP1
WEIGHT: 55KG EACH
QUANTITY: 1

FIL1: SYSTEMAIR KKF30 042 FILTER UNIT
DIMS: 690WIDE X 378DEEP X 690HIGH
WEIGHT:23KG
AIRFLOW: 960 L/S
FILTER: #303571 - M5 FILTER

SF1: SYSTEMAIR MUB042 500EC SUPPLY FAN
DIMS: 690WIDE X 690DEEP X 690HIGH
WEIGHT:53KG
AIRFLOW: 960 L/S
ELEC SUPPLY: 400V, 3PH, 50HZ, 2.07A FLC

SG1-SG2 - CIRCULAR SUPPLY AIR VALVES
DIMS: Ø150 NECK SIZE
AIRFLOW: 30L/S
COLOUR: WHITE
QUANTITY: 2

SG3 - DOUBLE DEFLECTION GRILLE
DIMS: 250x250 NECK SIZE
AIRFLOW: 250L/S
COLOUR: WHITE
QUANTITY: 1

SG4-SG5 - LINEAR BAR GRILLES
DIMS: 400x250 NECK SIZE
AIRFLOW: 95L/S
COLOUR: WHITE
QUANTITY: 2

EL2 - WL50 EXTERNAL LOUVRE
DIMS: 700x700 NECK SIZE
AIRFLOW: 960L/S
COLOUR: TO BE CONFIRMED

SG7 - TILE REPLACER 4 WAY DIFFUSER
DIMS: 595x595 (450x450 NECK)
AIRFLOW: 200L/S
COLOUR: RAL9010

EHB1: NEATAFAN 12KW ELECTRIC HEATER WITH CONTROLS
DIMS: 350WIDE X 450DEEP X 350HIGH
WEIGHT:15KG
AIRFLOW: 450 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 18A FLC

EHB2: NEATAFAN 18KW ELECTRIC HEATER WITH CONTROLS
DIMS: Ø315WIDE X 450DEEP X Ø315HIGH
WEIGHT:15KG
AIRFLOW: 710 L/S
ELEC SUPPLY:400V, 3PH, 50HZ, 32A FLC

ATT3 - NOICO LTD ATTENUATOR (40% FREE AREA)
DIMS: 600WIDE X 900 DEEP X 600 HIGH
AIRFLOW: 960L/S
WEIGHT: TBC
QUANTITY: 1

SG6-JPR SERVICES 3 SLOT DIFFUSER (25MM)
DIMS: 5500WIDE X 179 HIGH OVERALL
AIRFLOW: 450L/S
PLENUM BOXES: 4 NO. 1350 LONG C/W Ø247 SPIGOTS
COLOUR: RAL9010

TF1: SYSTEMAIR PRIO ECO 125 EC EXTRACT FAN
DIMS: 164WIDE X 246DEEP X 205HIGH
WEIGHT:3.22KG
AIRFLOW: 40L/S
ELEC SUPPLY: 230V, 1PH, 50HZ, 0.28A FLC
QUANTITY: 1

TG1-TG4: CIRCULAR EXTRACT AIR VALVES
DIMS: Ø125 NECK SIZE
AIRFLOW: 10 L/S
COLOUR: WHITE
QUANTITY: 4

DH1: THERMOSCREENS C2000ENT SURFACE AIR CURTAIN
DIMS: 2200WIDE X 275 DEEP X 198 HIGH
DUTY: 9/18KW
ELEC SUPPLY: 400V, 3PH, 50HZ, 27.2A FLC
QUANTITY: 1

EQUIPMENT KEY