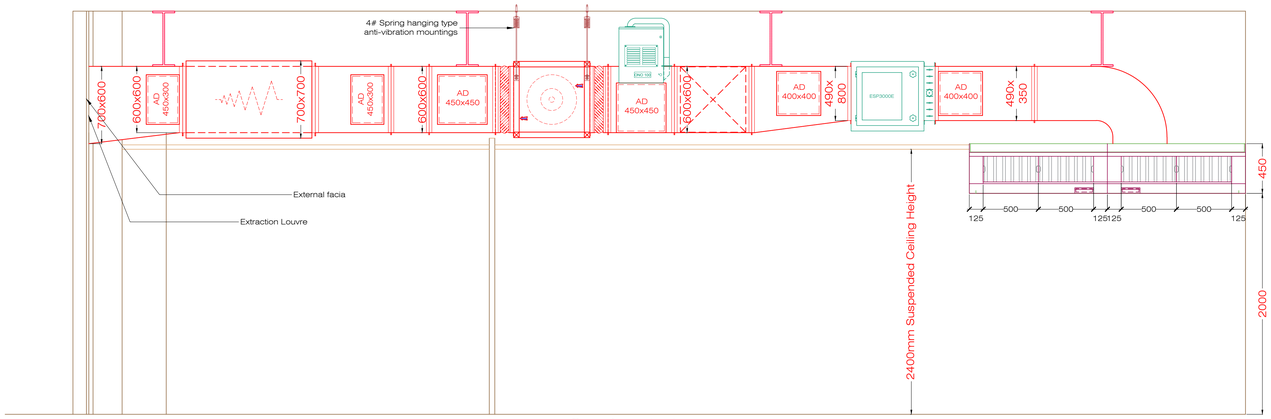
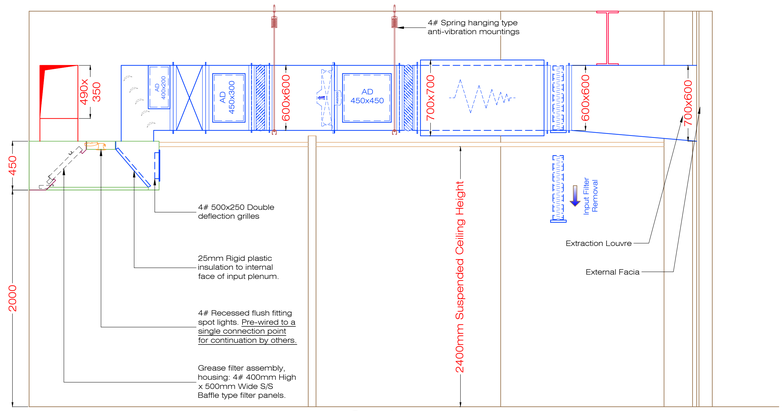
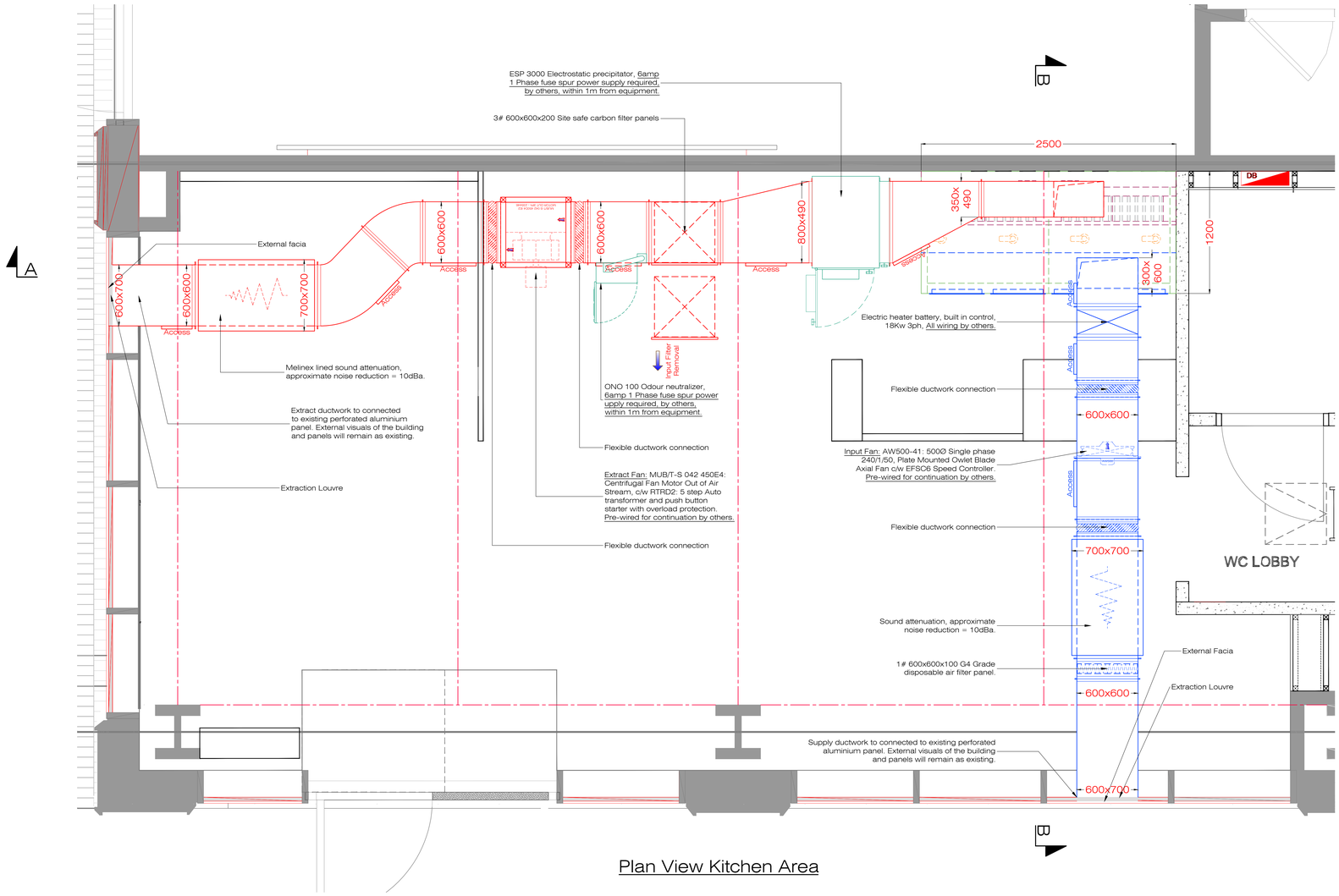


Section A-A



Section B-B



Plan View Kitchen Area

Fan Details

Extract Fan:

Backwards Curved
Centrifugal Fan:
MUB/T-S 042 450D4 IE2
Controller: RTRD2 + PB
Power: 1.09 KW 400/3/50
FLC: 2.05 Amp
SC: 8.9 Amps
Noise level: 49 dbA @ 3m

Supply Fan:

Plate Mounted Axial Fan:
AW 500/4/1
Controller: EFSC6
Power: 0.73 KW 240/1/50
FLC: 3.20 Amp
SC: 13.2 Amps
Noise level: 51 dbA @ 3m

Legend

item	qty	equipment description
MUBT-S 042 450 D4 IE2	1	450Ø 3ph Boxed Centrifugal Fan - Motor Out of Air Stream
RTRD2	1	Auto Transformer Controller 3Ph
PB 12A-415V	1	415v PB Starter with overload
AW500-41	1	500Ø Single Phase Plate Mounted Owlet Blade Axial Fan
EFSC6	1	Single Phase 6 Amp Fan Speed Controller
ESP 3000	1	3000CFM Electrostatic Precipitator
VCD 8049	1	800x490mm Volume Control Damper
CAFBIO#0600	3	Site Safe Carbon Filter Panels - 600x600x200
EHB 6060-18	1	Electric Heater Battery 600x600 18KW Built In Controls
AD-G 4020	1	400x200mm Galvanized MS Access Door
AD-G 4530	3	450x300mm Galvanized MS Access Door
AD-G 4040	2	400x400mm Galvanized MS Access Door
AD-G 4545	3	450x450mm Galvanized MS Access Door
GFBS 1620	4	400mm High x 400mm Wide x 50mm Deep S/S Baffle Filter Panel
LED SLF	4	7 Watt Integrated LED Spot Light Fitting
DDG 5025	4	500x250mm Double Deflection Grille - Silver

revision:	date:	description:
A	15-10-2022	Louvres omitted.
B	24-10-2022	Notes amended.

GREENS COMMERCIAL KITCHENS

project name:

Federal Circle Square

drawing no:	Federal Circle Square
revision:	B
layout:	Kitchen Ventilation System
scale:	1-20
status:	Information
date:	19-06-2022
contact:	Richard Greenway