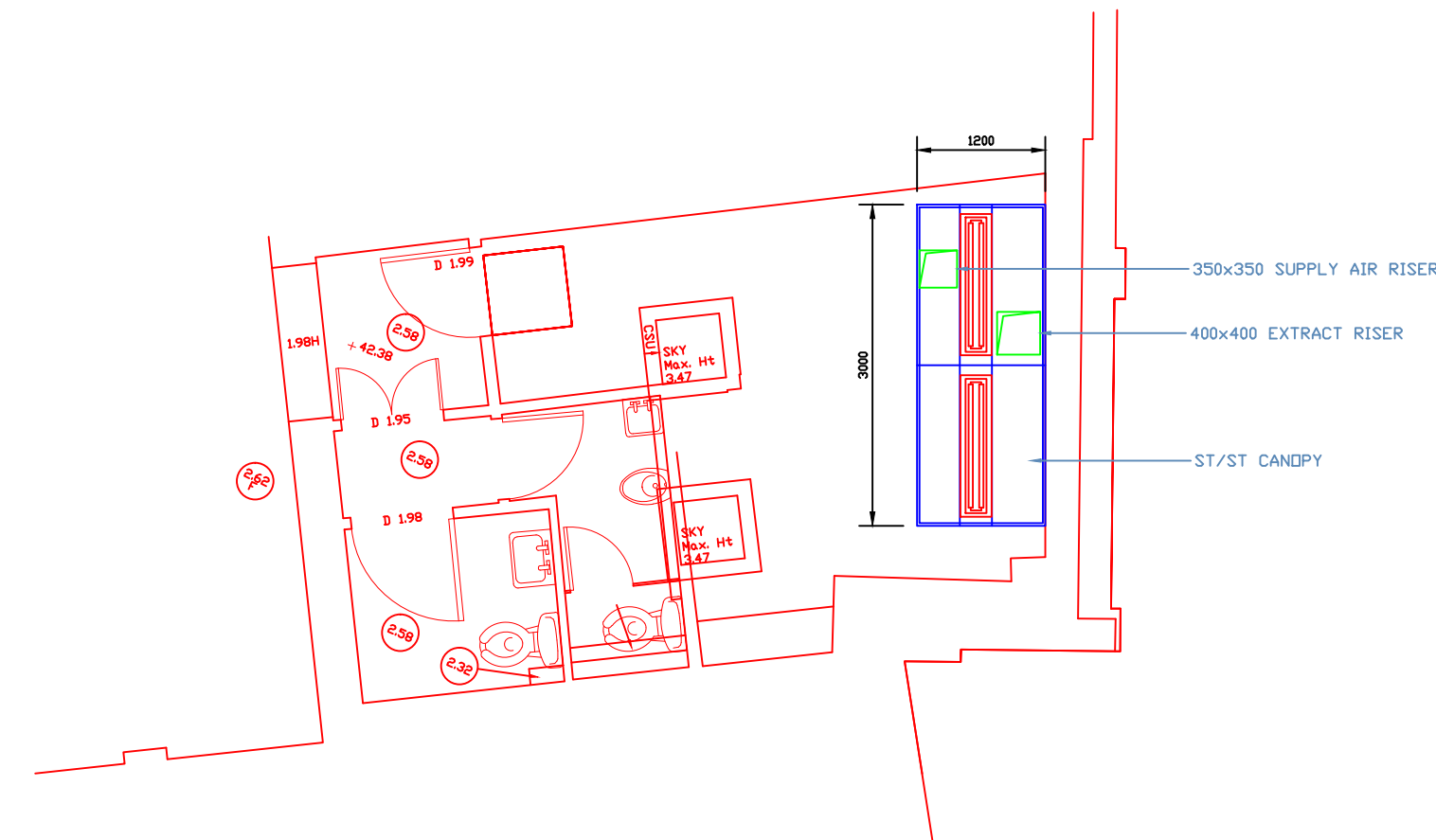


DUE TO POSSIBLE PRINTING DIMENSION
ERRORS, DO NOT SCALE FROM DRAWING

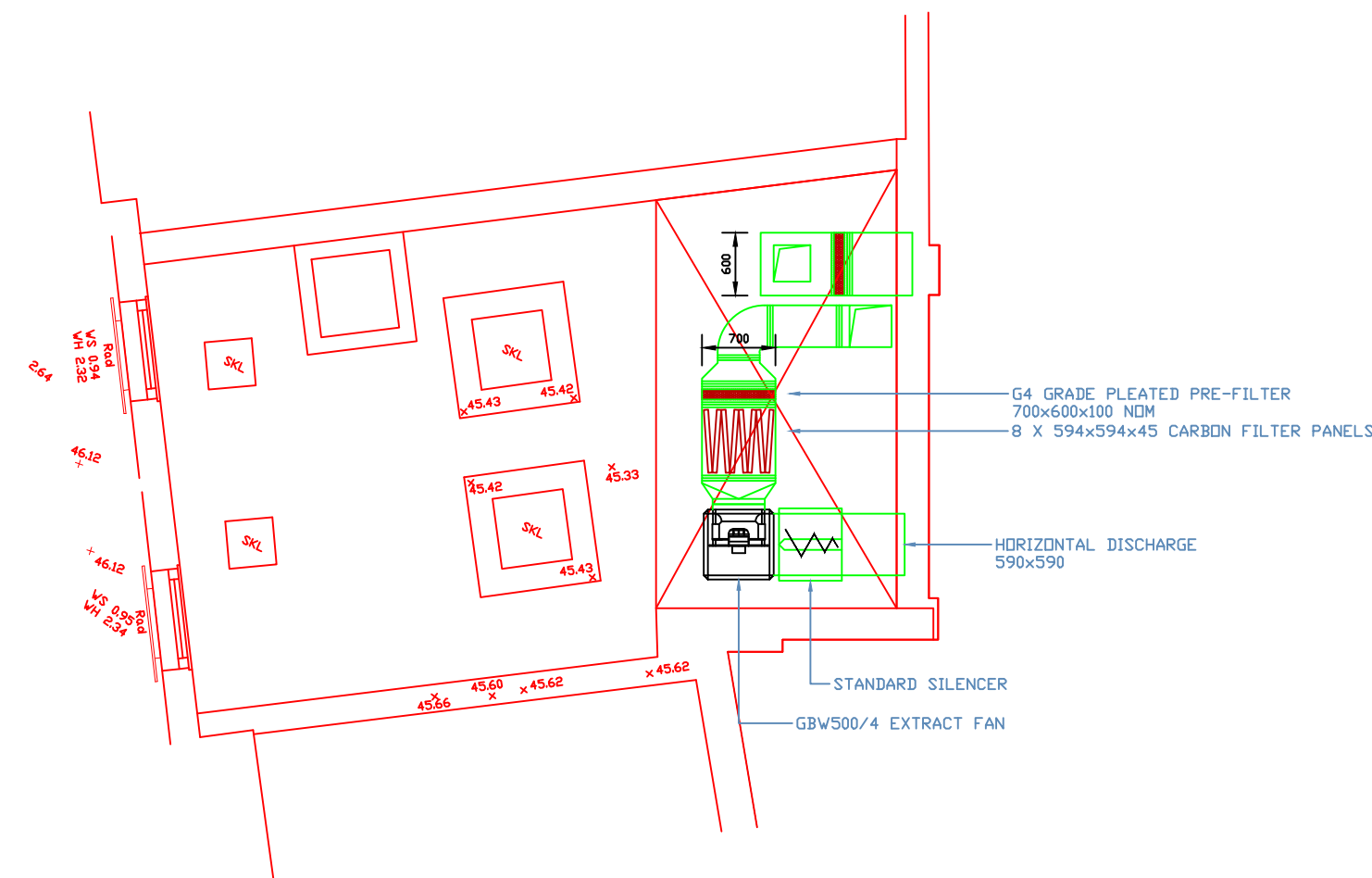
NOTES

PRELIMINARY

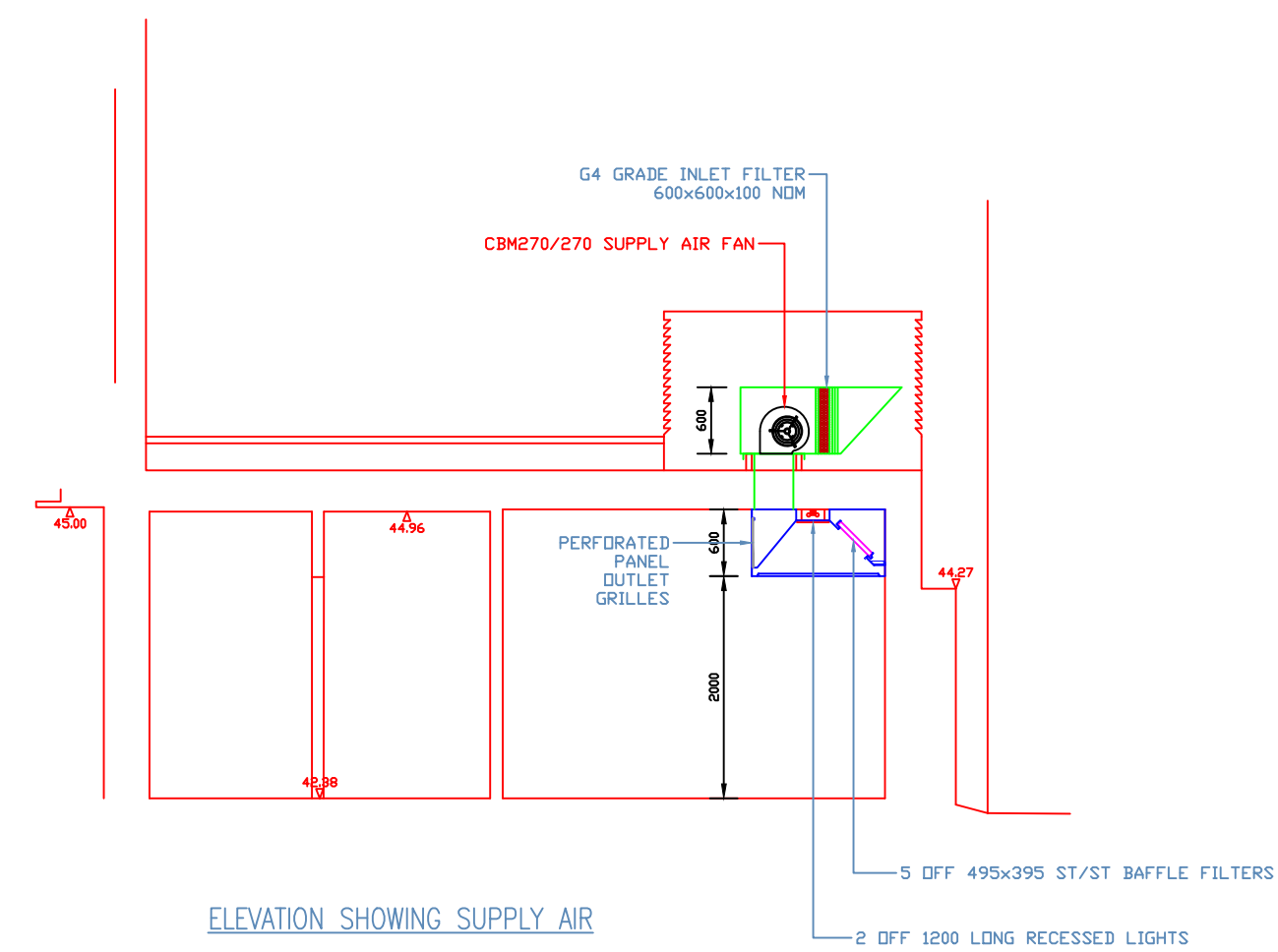
GROUND FLOOR PLAN



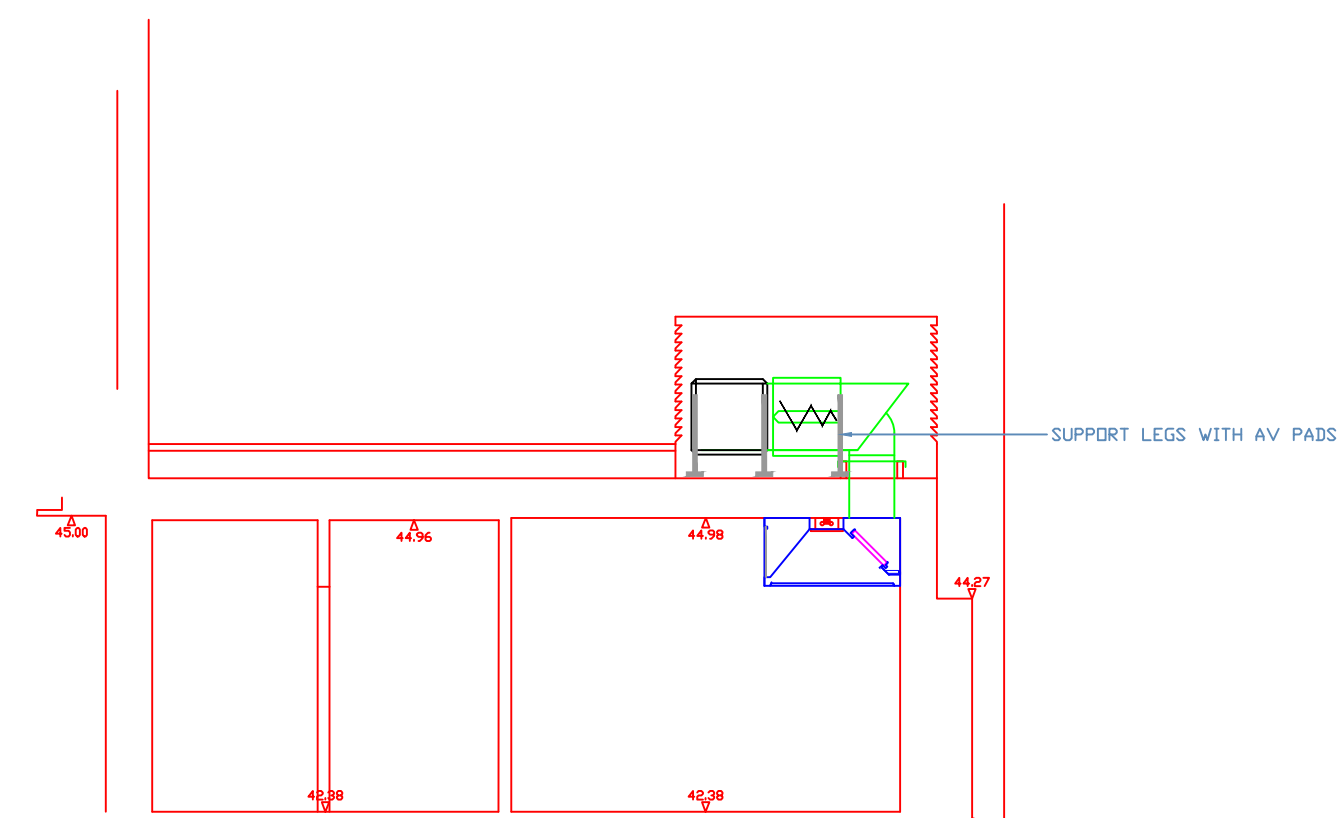
FIRST FLOOR PLAN



ELEVATION SHOWING SUPPLY AIR



ELEVATION SHOWING EXTRACT



HELIOS GBW 500/4 FAN DETAIL

RPM = 1350
SUPPLY = 230V/1Ph/50Hz
POWER = 1.38kW
CURRENT MAX = FLC 6.4A / SC 15.36A
CASE BREAKOUT @ 4m = 45dB
WEIGHT = 61kg

FAN NOISE DETAILS

FREQ. (Hz)	125	250	500	1K	2K	4K	8K
INLET dB(A)	57	66	69	74	70	64	55
OUTLET dB(A)	61	73	74	74	73	69	60
BREAKOUT dB(A)	59	62	57	56	47	41	33

CBM-270/270-N-370W SUPPLY AIR FAN

SUPPLY = 230v SINGLE PHASE 50 Hz
MOTOR RATING = 370WATTS
MOTOR SPEED = 900rpm
CURRENT = 4.0 AMPS
WEIGHT = 21 kg EACH

FAN NOISE DETAILS

FREQ. (Hz)	63	125	250	500	1K	2K	4K	8K
INLET Lp dB	52	62	67	68	65	58	56	46
OUTLET Lp dB	52	64	70	72	77	76	73	65
@ 1.5m Lp dB	52	59	60	57	54	48	43	35

CARBON FILTER DETAIL

GRADE = 207C
VOLUME = 1.11m³/s
DWELL TIME = 0.1s
SIZE = 8 OFF 594x594x45
CARBON LOADING = 7.42kg/PANEL
TOTAL CARBON LOADING = 81.62kg

ESTIMATED EXTRACT RATE : 1.11m³/s
ESTIMATED SUPPLY AIR RATE : 0.94m³/s

Rev	Description	Date



PROJECT

280 KILBURN HIGH ROAD
LONDON
NW6

CLIENT

DESCRIPTION
PROPOSED VENT LAYOUT

SCALE 1:50 @ A1	REVISION: C
DRAWN: IT	CHECKED:
DRAWING No:	DATE:
KEES-280KHR-1	09.01.14

