

DO NOT SCALE FROM DRAWING – IF IN DOUBT ASK

CARBON FILTER DETAIL

GRADE = 207C
VOLUME = 2.38m³/s
DWELL TIME = 0.1s
SIZE = 16 OFF 595x595x45 CARBON FILTERS
CARBON LOADING = 7.42kg/PANEL
TOTAL CARBON LOADING = 118.7kg

ESP3000 DETAIL

SUPPLY: 240v SINGLE PHASE 50 Hz
RATING: 30W

ARCO S 125 FAN DETAIL

SUPPLY: 240v SINGLE PHASE 50 Hz
MOTOR RATING: 14W
CURRENT: 0.07A

AVIO 125 FAN DETAIL

SUPPLY: 240v SINGLE PHASE 50 Hz
MOTOR RATING: 14W
CURRENT: 0.07A

TF630/4-3AC EXTRACT FAN DETAIL

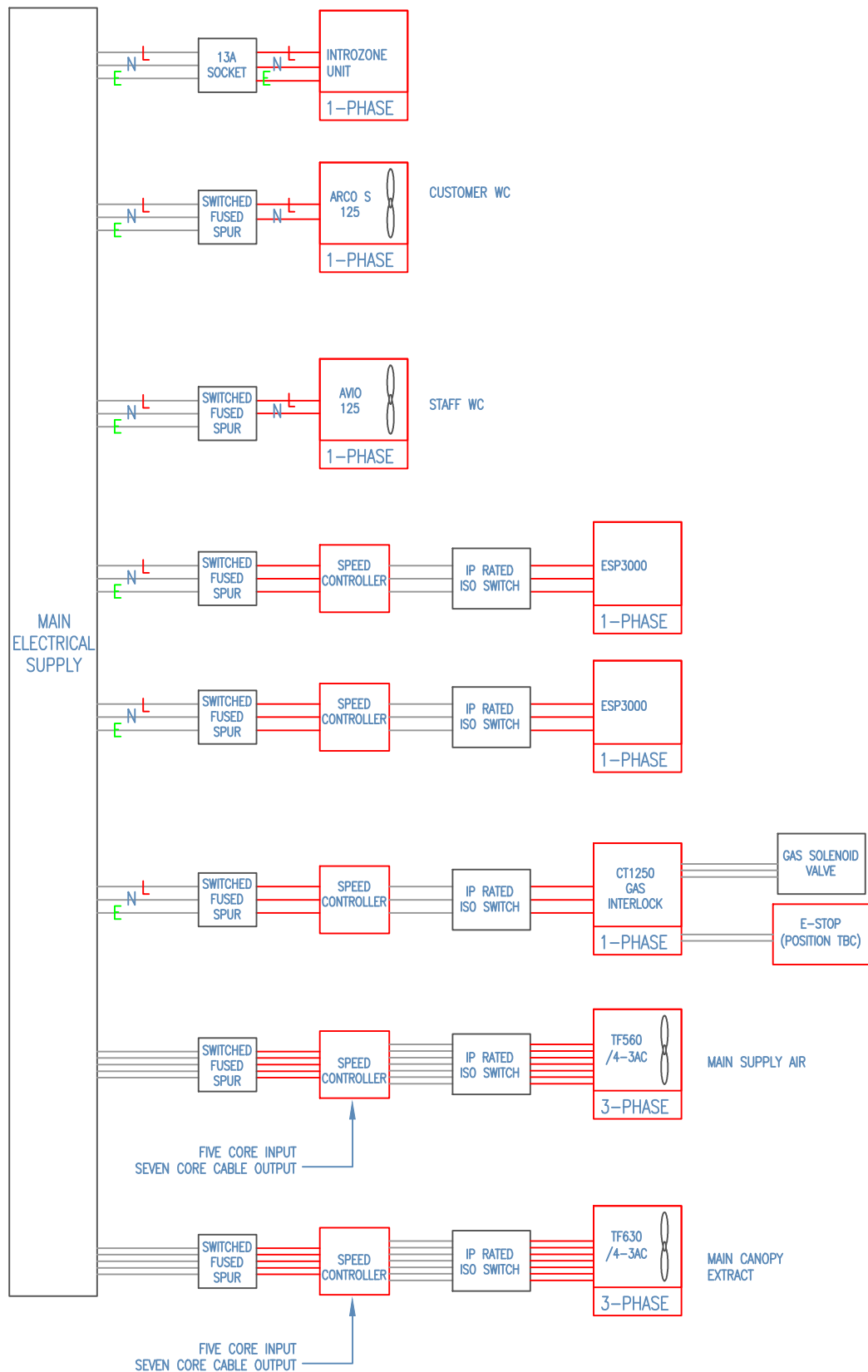
RPM: 1460
SUPPLY: 440v THREE PHASE 50 Hz
MOTOR RATING: 2351W
F.L. CURRENT: 4.61A
WEIGHT: 83kg

NOISE DETAILS										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	
INLET dBW	85	85	92	91	89	84	81	77	97	
OUTLET dBW	86	85	93	92	90	87	83	79	98	

TF560/4-3AC SUPPLY AIR FAN DETAIL

RPM: 1440
SUPPLY: 400v THREE PHASE 50 Hz
MOTOR RATING: 1.61kW
F.L. CURRENT: 3.22A
WEIGHT: 59kg

NOISE DETAILS										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	
INLET dBW	82	83	91	89	85	82	78	72	95	
OUTLET dBW	83	83	91	89	85	82	78	72	95	



FAN WIRING SCHEMATIC
WE WILL SUPPLY/CONNECT ITEMS SHOWN IN RED ONLY.
ANY FANS REQUIRED TO RUN VIA LIGHTING CIRCUIT ETC TO BE WIRED AS SUCH BY OTHERS

NOTES

UNLESS SPECIFIED, AGREED AND INDICATED, ALL DUCTWORK TO BE PLAIN GALVANISED STEEL.

CANOPY TO FABRICATED FROM 18g STAINLESS STEEL GRADE 304 S16 (EN58E) TO BS 1449-PART 4 AND BS 970-PART 4. SATIN FINISH No4,
ALL WELDED CONSTRUCTION.

⬡ = BOLTED SITE JOINT

G	SHOW NEW EXTRACT SILENCER	28.07.21
F	ADD ANGLE TO VERTICAL DISCHARGE	05.02.21
E	SHOW PROPOSED VERTICAL DISCHARGE	26.01.21
D	REVISE DUCT LAYOUT	12.12.20
C	REVISE DUCT LAYOUT/FRYER POSITION	27.11.20
B	REVISE DUCT LAYOUT	18.11.20
A	ADD GAS INTERLOCK	11.11.20
Rev	Description	Date

PROJECT

KFC
60 STATION ROAD
HAYES
UB3 4DF

CLIENT

OZLAND

DESCRIPTION

VENT LAYOUT PROPOSAL

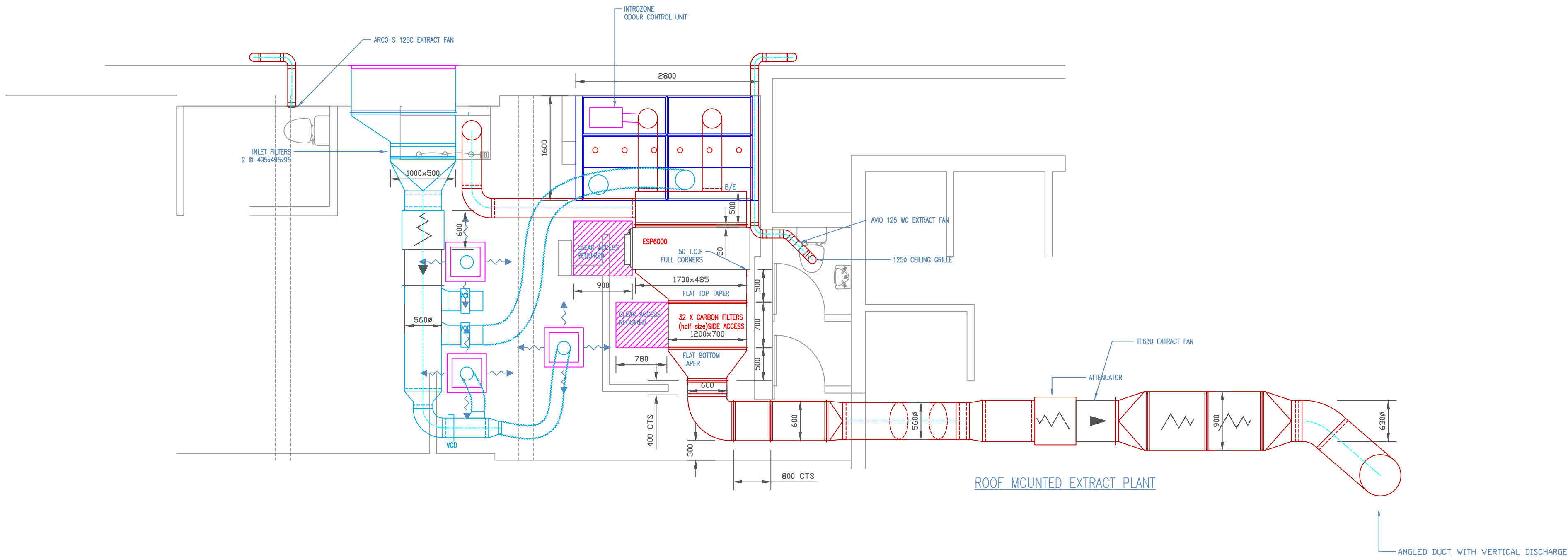
THE COPYRIGHT OF THIS DRAWING IS OWNED BY NATIONWIDE VENTILATION. THE CONTENTS OF THIS DRAWING MAY NOT BE COPIED NOR MANUFACTURED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION FROM NATIONWIDE VENTILATION.

Nationwide Ventilation
30 SECOND AVE
CHATHAM
KENT
ME4 5AU

MANUFACTURERS OF
KITCHEN EXTRACT SYSTEMS AND DUCTWORK

TEL: 01634 811116 FAX: 01634 811131

SCALE 1:50 @ A1	REVISION: G
DRAWN: IT	CHECKED:
DRAWING No: NWV7845/1	DATE: 10.11.20



EXTRACT OUTLET INSERTION LOSSES ;										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K		
LOSS dB	11	14	29	55	55	50	29	22		

