

DO NOT SCALE FROM DRAWING – IF IN DOUBT ASK

SEL315/2B-1AC FAN DETAIL – MAIN EXTRACT & SUPPLY AIR

RPM: 2776 MAX
SUPPLY: 240v SINGLE PHASE 50 Hz
MOTOR RATING: 515W
F.L. CURRENT: 3A MAX
WEIGHT: 15kg

NOISE DETAILS										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	
INLET dBW	48	64	69	70	70	69	66	76		
OUTLET dBW	50	70	75	78	75	71	65	81		
BREAKOUT dBW	46	50	52	57	54	53	46	61		

HIT-200 FAN DETAIL – BASEMENT EXTRACT & SUPPLY AIR

RPM = 2565
SUPPLY = 230v SINGLE PHASE 50 Hz
MOTOR RATING = 104W
CURRENT (MAX) = 0.5A
SOUND PRESSURE LEVEL @ 3m = 45dB (OUTLET)
WEIGHT = 5.5kg
CONTROLLER = 149-MTS10 (3-SPEED)

NOISE DETAILS										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	
INLET dBW	72	71	69	65	60	56	50	50	76	
OUTLET dBW	72	71	66	62	59	57	53	53	76	

HIT100 FAN DETAIL – GF WC EXTRACT

RPM: 2725 MAX
SUPPLY: 220v SINGLE PHASE 50 Hz
MOTOR RATING: 25W
F.L. CURRENT: 0.15A
WEIGHT: 3.7kg

NOISE DETAILS										
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	
INLET dBW	65	68	65	62	55	47	36	27	72	
OUTLET dBW	64	63	62	54	50	43	37	26	68	

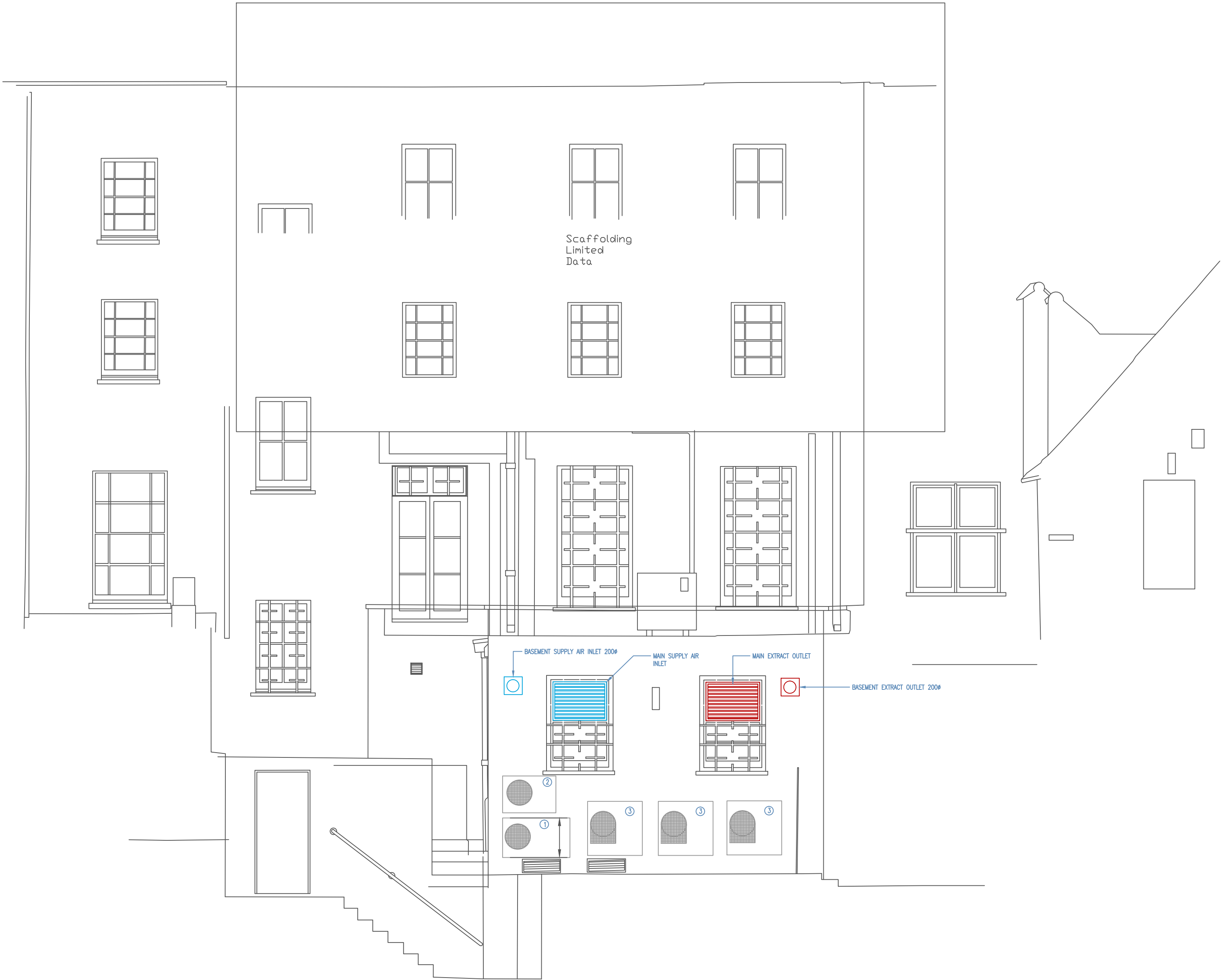
ATTENUATOR REQUIREMENTS

MAIN EXTRACT								
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
INSERTION LOSS dB	6	9	18	36	34	24	16	12
MAIN SUPPLY AIR								
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
INSERTION LOSS dB	4	7	15	29	26	19	14	10
BASEMENT EXTRACT								
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
INSERTION LOSS dB	3	5	12	22	19	14	12	9
BASEMENT SUPPLY AIR								
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K
INSERTION LOSS dB	3	6	11	20	17	10	10	8

EXTRACT RATE (MAIN CANOPY) : 0.57m³/s
SUPPLY AIR RATE (MAIN COOKING AREA) : 0.49m³/s
EXTRACT RATE (WC) : 0.08m³/s

COOLING PLANT DETAILS

- 1 : DUET JEH2-0175-B2-LIV3 – 35dB(A) @ 10m
2 : DUET JEHR-0050-B1-M-1NV3 – 30dB(A) @ 10m
3 : TOSHIBA RAV-SM1404ATP-E – 55dB(A) (HEATING)
54dB(A) (COOLING)



REAR ELEVATION 1

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

A	ADD ATTENUATION DETAILS	20.08.21
Rev	Description	Date

PROJECT

TACO BELL
211-213 HIGH STREET
UXBRIDGE

CLIENT

NRB

DESCRIPTION

REAR ELEVATION

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MANUFACTURERS OF
KITCHEN EXTRACT SYSTEMS AND DUCTWORK

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SCALE 1:50 @ A1	REVISION: A
DRAWN: IT	CHECKED:
DRAWING No: NWV/1/TB/UX	DATE: 18.08.21