

Project Name:
Dixons Academy - Temporary Kitchen

Project Address:
Newall Green

Project Description
Kitchen Vent

Client
Vision

Project Number
12387

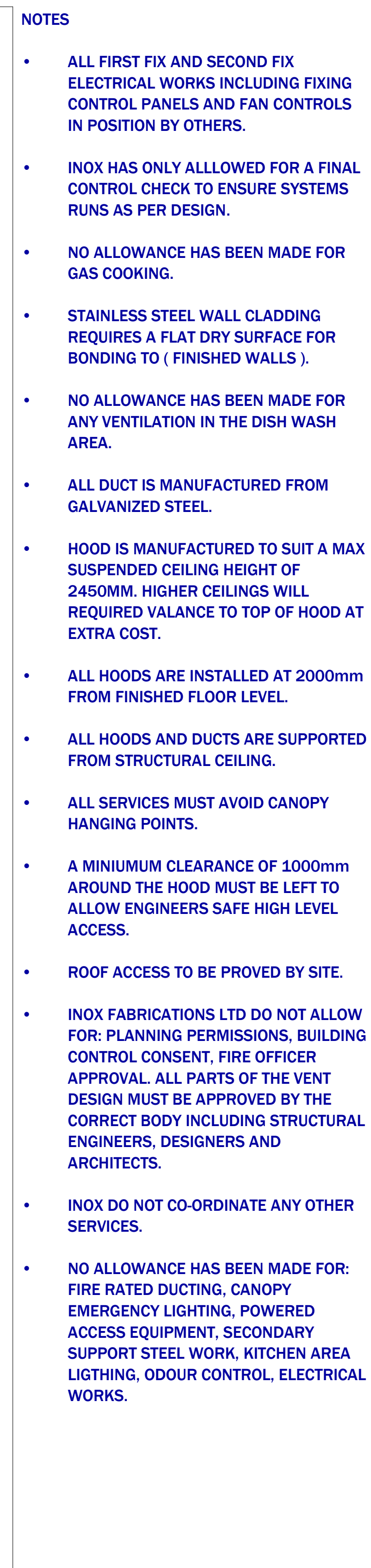


Information Involvement Influence



Revision Schedule

Rev	Description	Date	Issued to
P01	For Commnet / Approval	12-04-23	Chris Rouine
P02	Ducts modified	17-04-23	Chris Rouine
P03	Soffit height amended	02-05-23	Chris Rouine
P04	Extract Duct Modified to Suit Revised Wall Opening Position	10-05-23	Ginette Booth

[illegible]

PROJECT ADDRESS

Newall Green

CLIENT

Vision

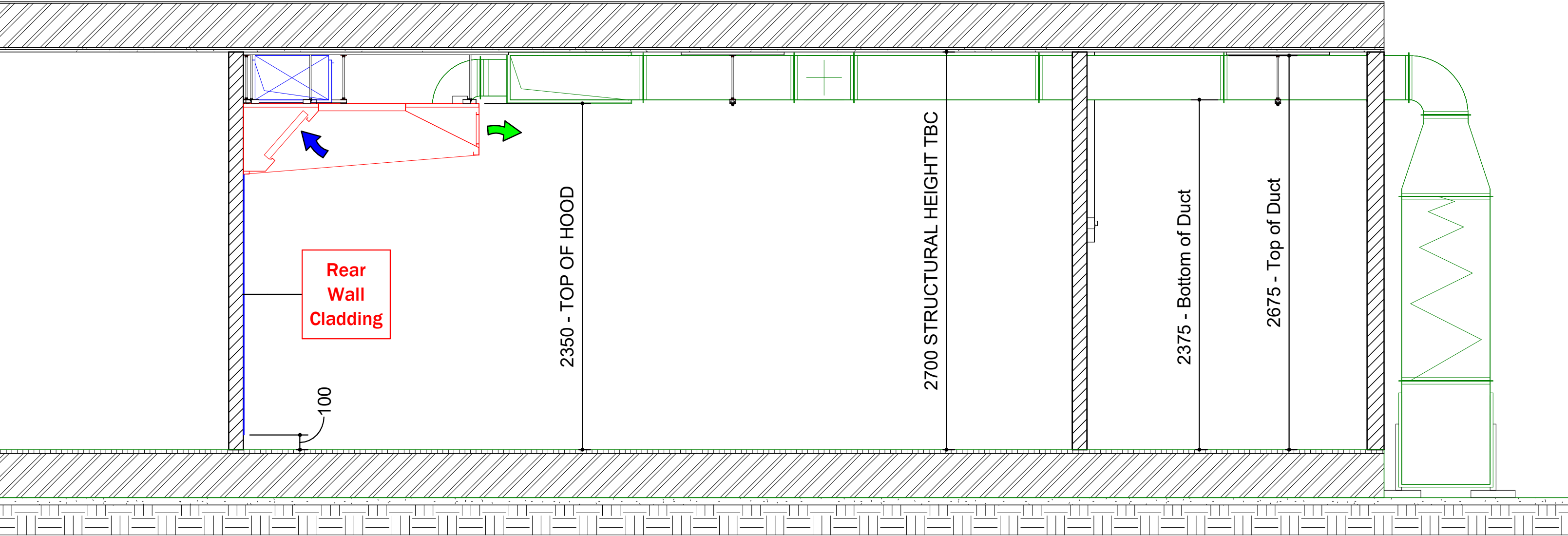
DRAWING NUMBER	SCALE (@ A1)
001	As indicated

DRAWN BY MP	CHECKED BY LP	DATE 10-05-23
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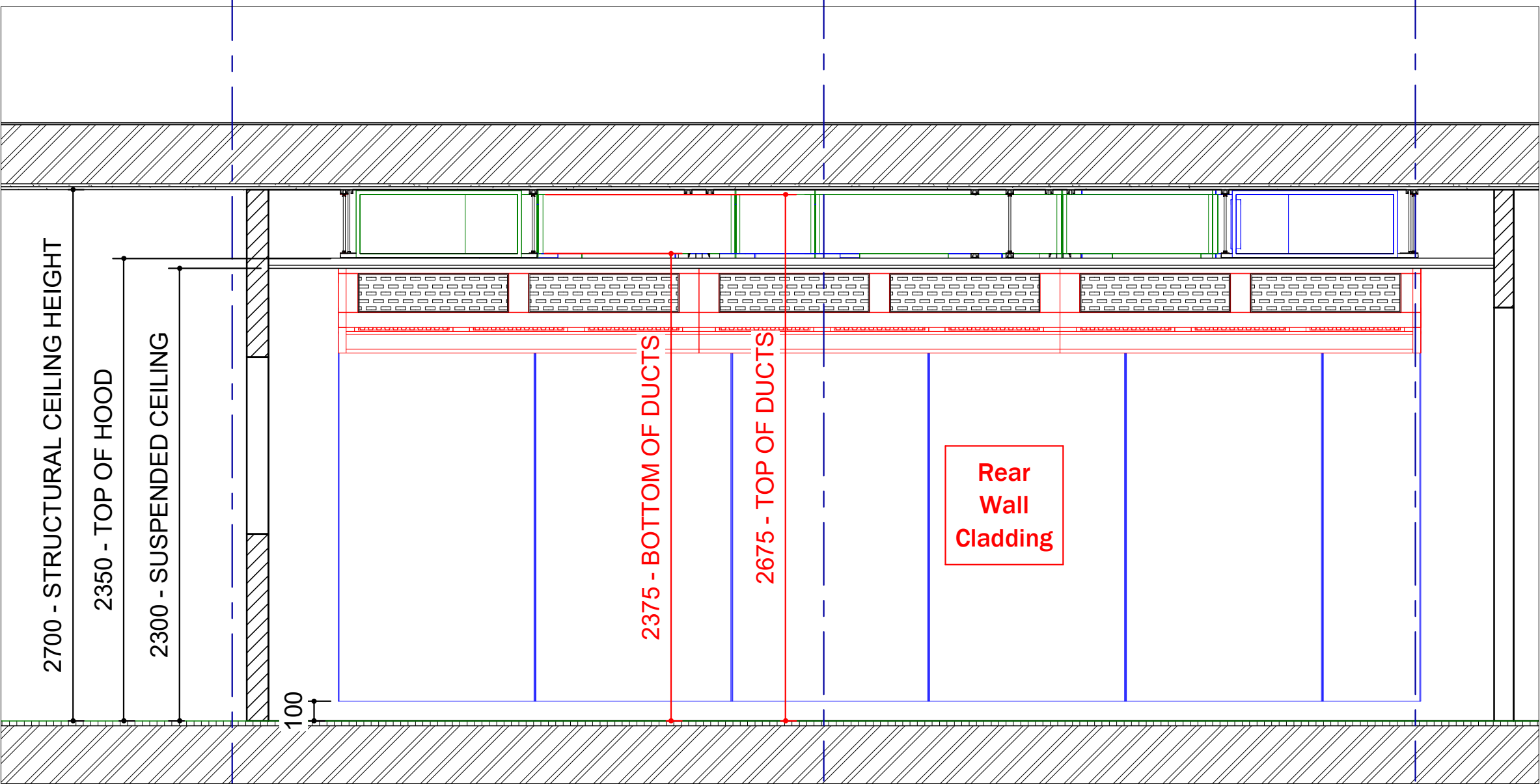
EXTRACT VOLUME	
Item Number	Extract Volume
Item 5.01	1.835 m³/s

SUPPLY AIR VOLUME	
Item Number	Supply Air Volume
Item 5.01	1.560 m³/s

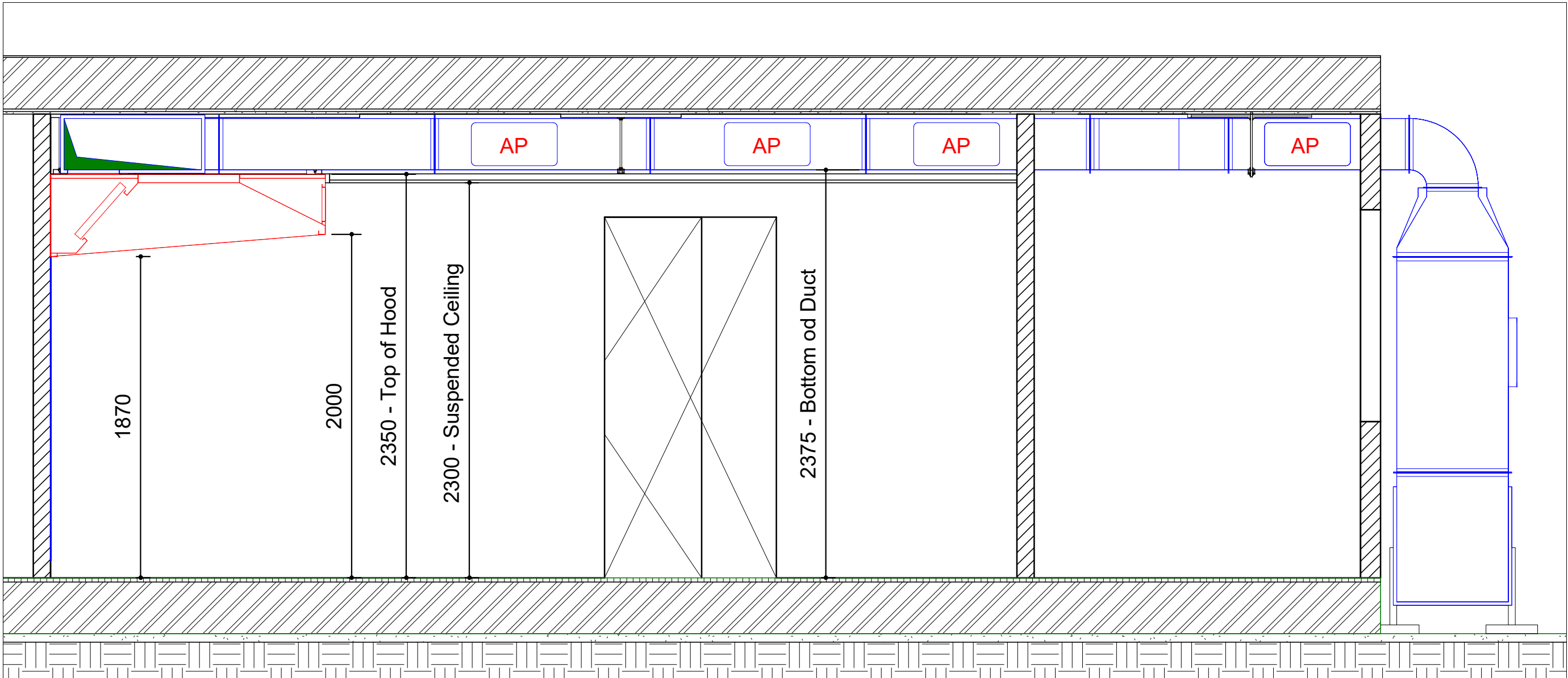
ALL DIMENSIONS / DRAWINGS ARE BASED ON A
STRUCTURAL SOFFIT OF 2700mm AND A
SUSPENDED CEILING OF 2300mm



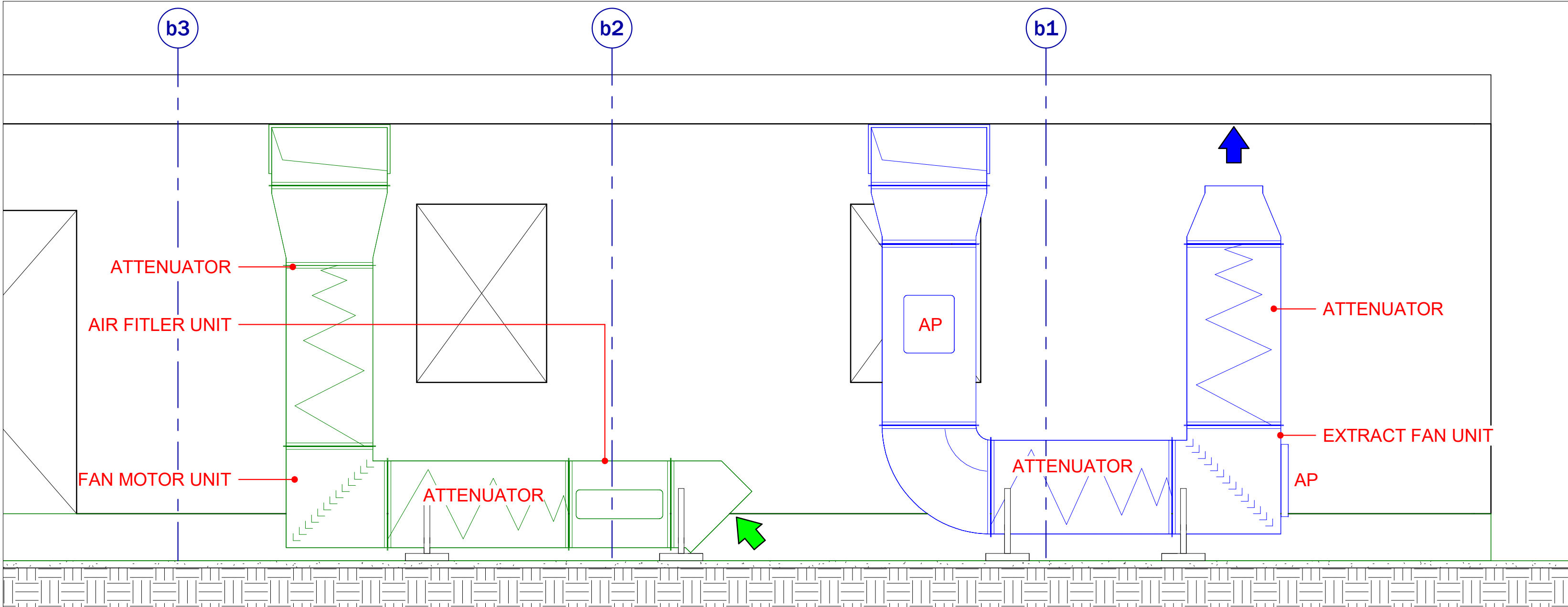
1 Section 1
1 : 25



2 Section 2
1 : 25



4 Section 4
1 : 25



3 Section 3
1 : 25



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P01	For Commnet / Approval	12-04-23
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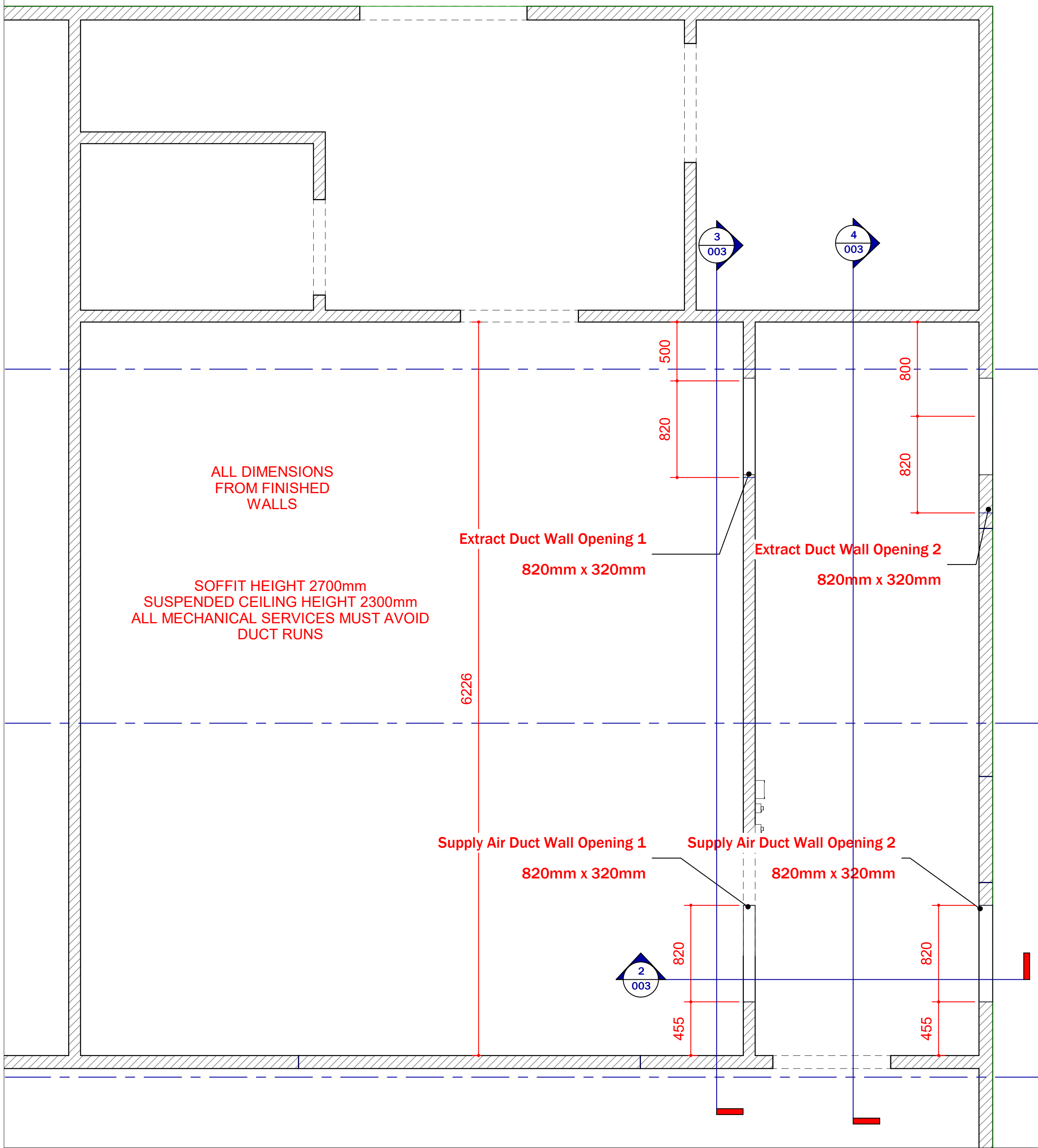
TITLE
SECTIONS

CLIENT
Vision

PROJECT NUMBER 12387	REV P04
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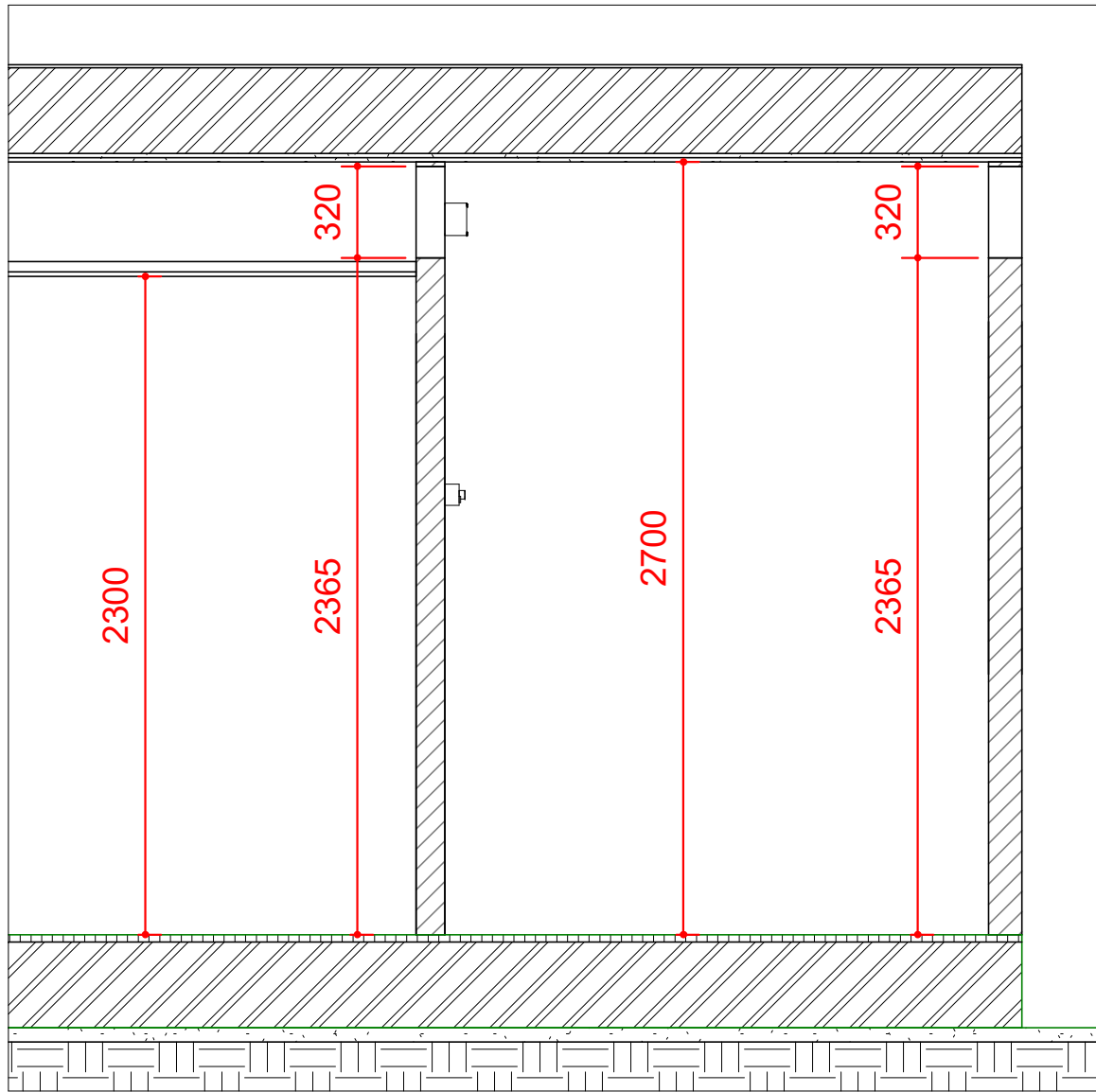
DRAWING NUMBER 002	SCALE (@ A1) 1 : 25
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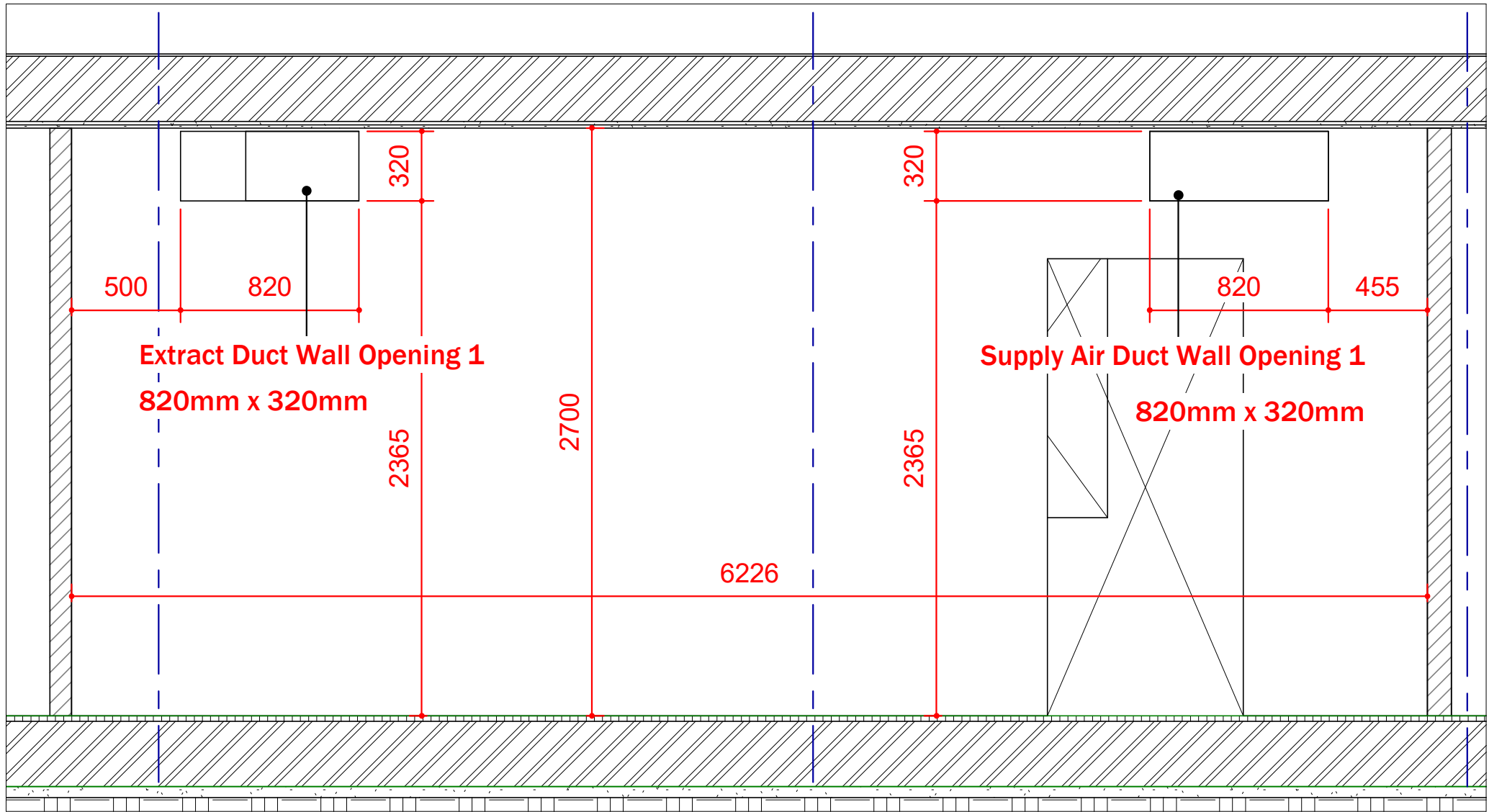


1 KITCHEN VENT - ROOF OPENINGS
1 : 25

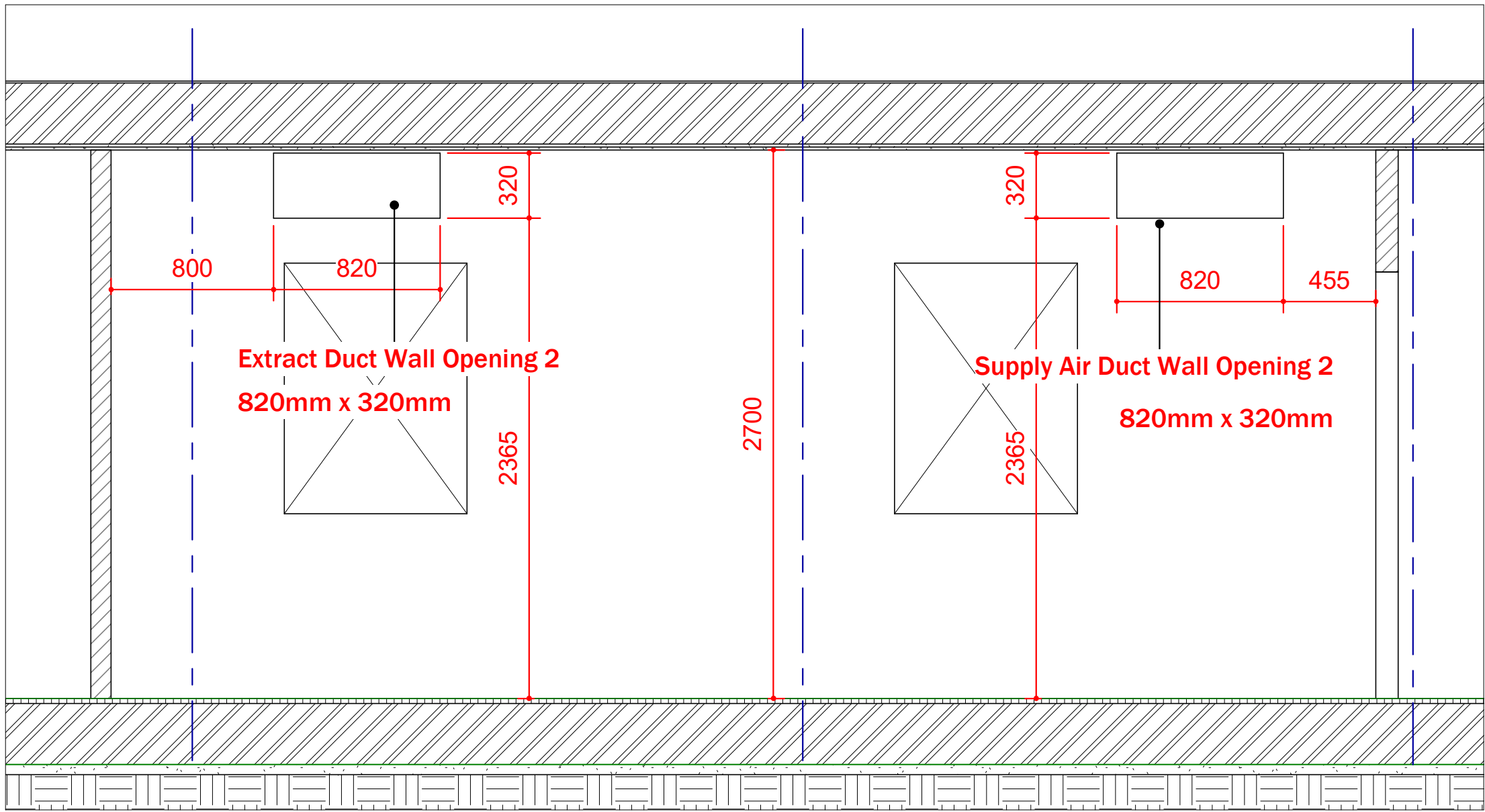
- BUILDERS NOTES:**
- ALL DIMENSIONS ARE BASED ON A SUSPENDED CEILING HEIGHT OF 2300mm AND A SOFFIT HEIGHT OF 2700mm
 - ALL DIMENSIONS ARE FROM FINISHED WALLS.
 - ALL WALL OPENINGS TO BE PROVIDED IN POSITIONS SHOWN. INOX MUST BE NOTIFIED OF ANY DISCREPANCIES.
 - ALL MECHANICAL SERVICE MUST AVOID DUCT RUNS.
 - SUSPENDED CEILING MUST BE INSTALLED AFTER THE INSTALLATION OF HOODS AND DUCTING.
 - STAINLESS STEEL WALL CLADDING REQUIRES A FLAT DRY SURFACE FOR BONDING TO.



2 Builders Section 1
1 : 25



3 Builders Section 2
1 : 25



4 Builders Section 3
1 : 25

WALL OPENING SCHEDULE				
Opening ID Number	Description	Opening Width	Opening Height	Height from Floor
Extract Duct Wall Opening 1	Wall Opening	820	320	2365
Extract Duct Wall Opening 2	Wall Opening	820	320	2365
Supply Air Duct Wall Opening 1	Wall Opening	820	320	2365
Supply Air Duct Wall Opening 2	Wall Opening	820	320	2365



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BUILDERS WORKS

CLIENT

Vision

PROJECT NUMBER

12387

REV

P04

DRAWING NUMBER

003

SCALE (@ A1)

1 : 25

DRAWN BY

MP

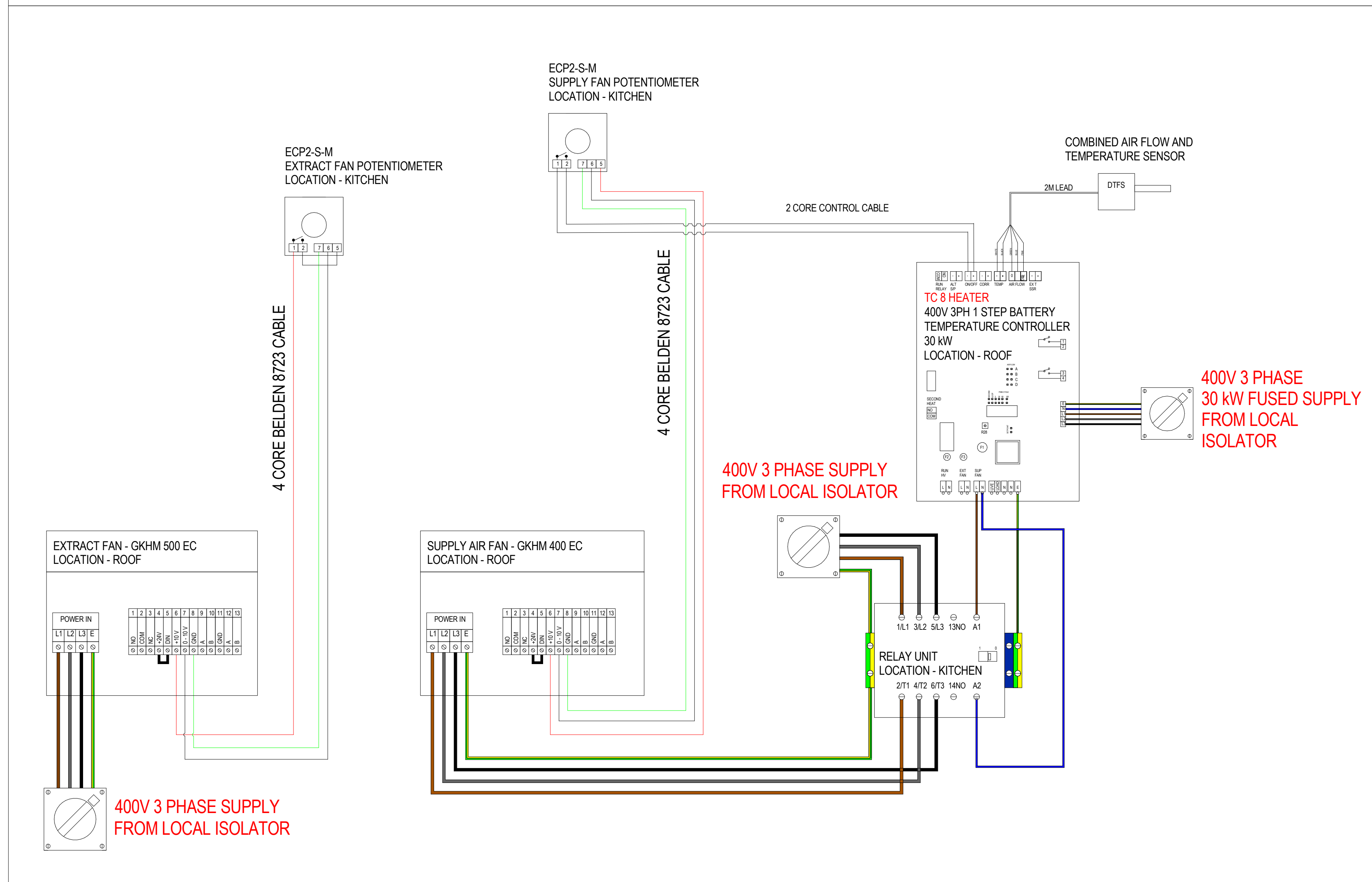
CHECKED BY

LP

DATE

10-05-23

KITCHEN VENT WIRING SCHEMATIC



ELECTRICAL NOTES:

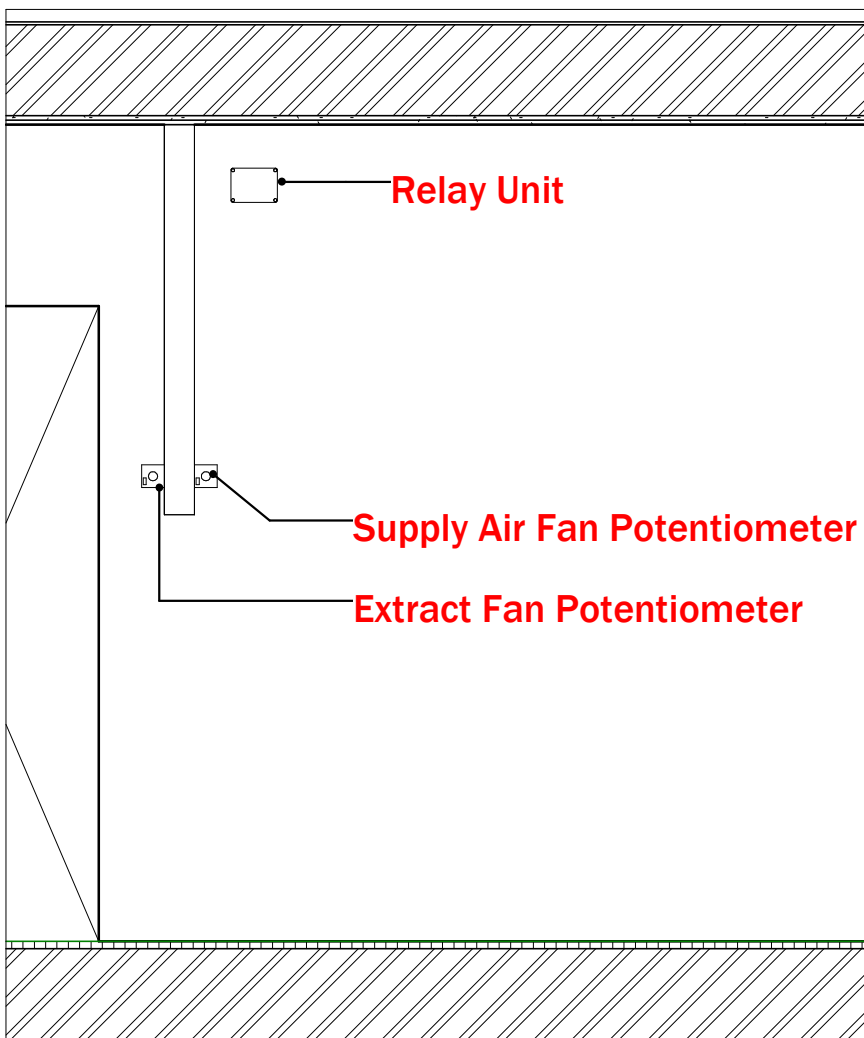
- POSITIONS OF CONTROLS ARE SUBJECT TO KITCHEN DISIGNERS APPROVAL.
- ALL FIRST FIX, SECOND FIX ELECTRICAL WORKS BY SITE ELECTRICIAN INCLUDING FIXING CONTROL PANELS IN POSITIONS AND FINAL CONNECTIONS.
- INOX HAS NOT ALLOWED FOR RUNNING ANY CABLES.
- INOX HAS ONLY ALLOWED FOR A FINAL CONTROL CHECK AND HAS NOT INCLUDED ANY ELECTRICAL WORKS.
- FUSE SPURS AND ISOLATORS ARE NOT SUPPLIED.
- ALL COOKING EQUIPMENT IS ELECTRIC.
- ALL ELECTRICAL WORKS MUST BE UNDERTAKEN BY SUITABLY QUALIFIED PERSON TO CURRENT ELECTRICAL REGULATIONS.

1 Wiring
1 : 25

ELECTRICAL DETAILS - EXTRACT FAN	
MANUFACTUER	ROSENBERG
MODEL	GKHM 500
ART No	N43-50021
VOLTAGE	400V
FREQ	50 Hz
PHASE	3
INPUT POWER	3.6 kW
INPUT CURRENT	5.5 AMPS
FAN LOCATION	ROOF
CONTROLLER	POTENTIOMETER
CONTROLLER...	KITCHEN

ELECTRICAL DETAILS - SUPPLY AIR FAN	
MANUFACTUER	ROSENBERG
MODEL	GKHM 400
ART No	N43-40009
VOLTAGE	400V
FREQ	50 Hz
PHASE	3
INPUT POWER	2.4 kW
INPUT CURRENT	3.8 AMPS
FAN LOCATION	ROOF
CONTROLLER	POTENTIOMETER
CONTROLLER...	KITCHEN

ELECTRICAL DETAILS - HEATER BATTERY	
MANUFACTUER	NEATAFAN
MODEL	TC8
VOLTAGE	400V
FREQ	50 Hz
PHASE	3
INPUT POWER	30 kW
HEATER LOCATION	ROOF



2 Section 5
1 : 25

EXTRACT FAN MOTOR - ACOUSTIC SOUND LEVELS										
MID FREQUENCY...										
	Hz	63	125	250	500	1K	2K	4K	8K	TOT
INLET	dB(A)	44	57	70	70	67	66	62	58	75
OUTLET	dB(A)	51	63	76	77	77	71	64	60	82
SILENCER LOSSES - 1250 LONG STRAIGHT THROUGH										
	dB(A)	-9	-14	-18	-28	-28	-20	-18	-15	
INLET DBA @ 3 MTR	33									
OUTLET DBA @ 3 MTR	38									

SUPPLY AIR FAN MOTOR - ACOUSTIC SOUND LEVELS										
MID FREQUENCY...										
	Hz	63	125	250	500	1K	2K	4K	8K	TOT
INLET	dB(A)	48	58	72	73	73	72	67	64	79
OUTLET	dB(A)	55	65	78	79	82	78	74	66	86
SILENCER LOSSES - 1250 LONG STRAIGHT THROUGH										
	dB(A)	-9	-14	-18	-28	-28	-20	-18	-15	
INLET DBA @ 3 MTR	38									
OUTEL DBA @ 3 MTR	45									



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DRAWING NUMBER
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