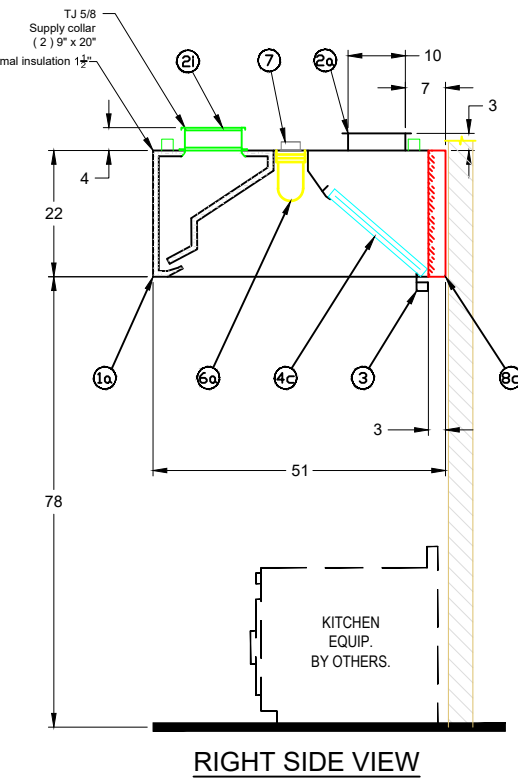
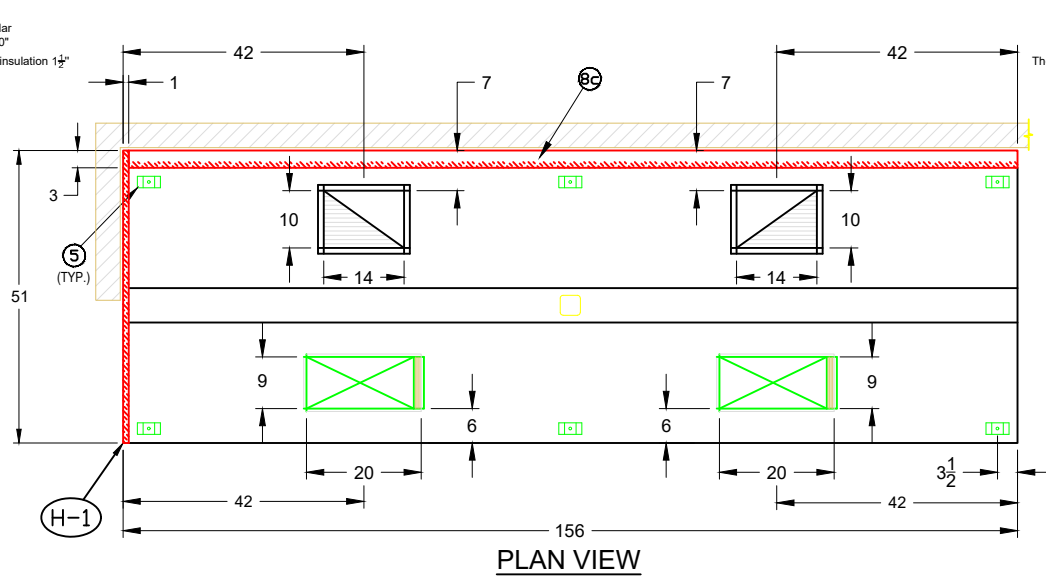
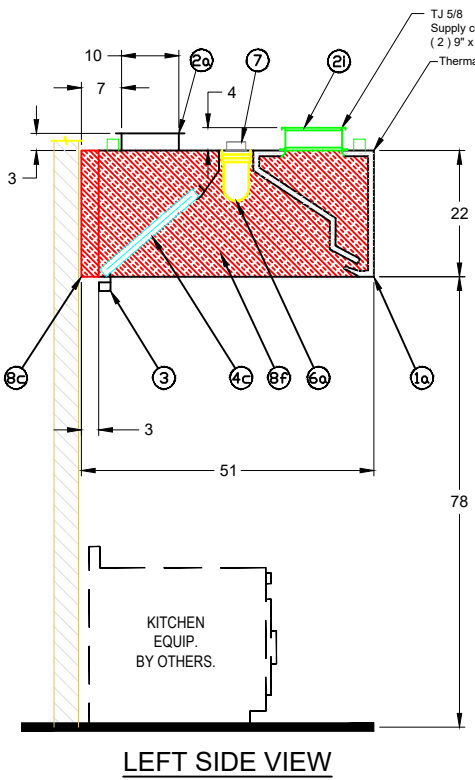




(AA) THERMO-COUPLE
DUCT TEMPERATURE SENSOR

SHIPPED LOOSE, TO BE
INSTALLED IN EXHAUST COLLAR

ACCESSORIES :

- 1a) Stainless steel 18G 430 #4 construction
- 2a) Exhaust collar (3" height)
- 2i) Supply collar with ULc listed fire damper (4" height)
- 3) Stainless steel grease collector
- 4c) Captrate solo high efficiency baffle filters, ULC listed
- 5) Hanging Brackets
- 6a) Incandescent lights, ULC listed. Qty. : 3
- 7) Junction box for lighting
- 8c) ULC 3" stainless steel spacer integrated to the hood with 1" of thermal insulation to respect the clearance required for combustable and semi-combustible materials
- 8f) Apparent ULc 1" stainless steel spacer integrated to the hood with 1" of thermal insulation to respect the clearance required for combustable and semi-combustible materials
- AA) ECP temperature sensor for automatic activation. Qty.: 2

H-1, Fast kitchen exhaust hood model SSH-MUA.
All stainless steel welded construction, 18G 430 #4.
ULC Listed MH46941.

FAST KITCHEN EXHAUST HOOD									
ITEM	QTY	DIMENSION			Collar		Capacity (CFM)	Weight (Lbs)	S.P.
		L	P	H	L	P			
H-1	1	156"	51"	22"	14"	10"	1 140	360	0.6"
					14"	10"	1 140		0.6"
					20"	9"	720		0.4"
					20"	9"	720		0.4"



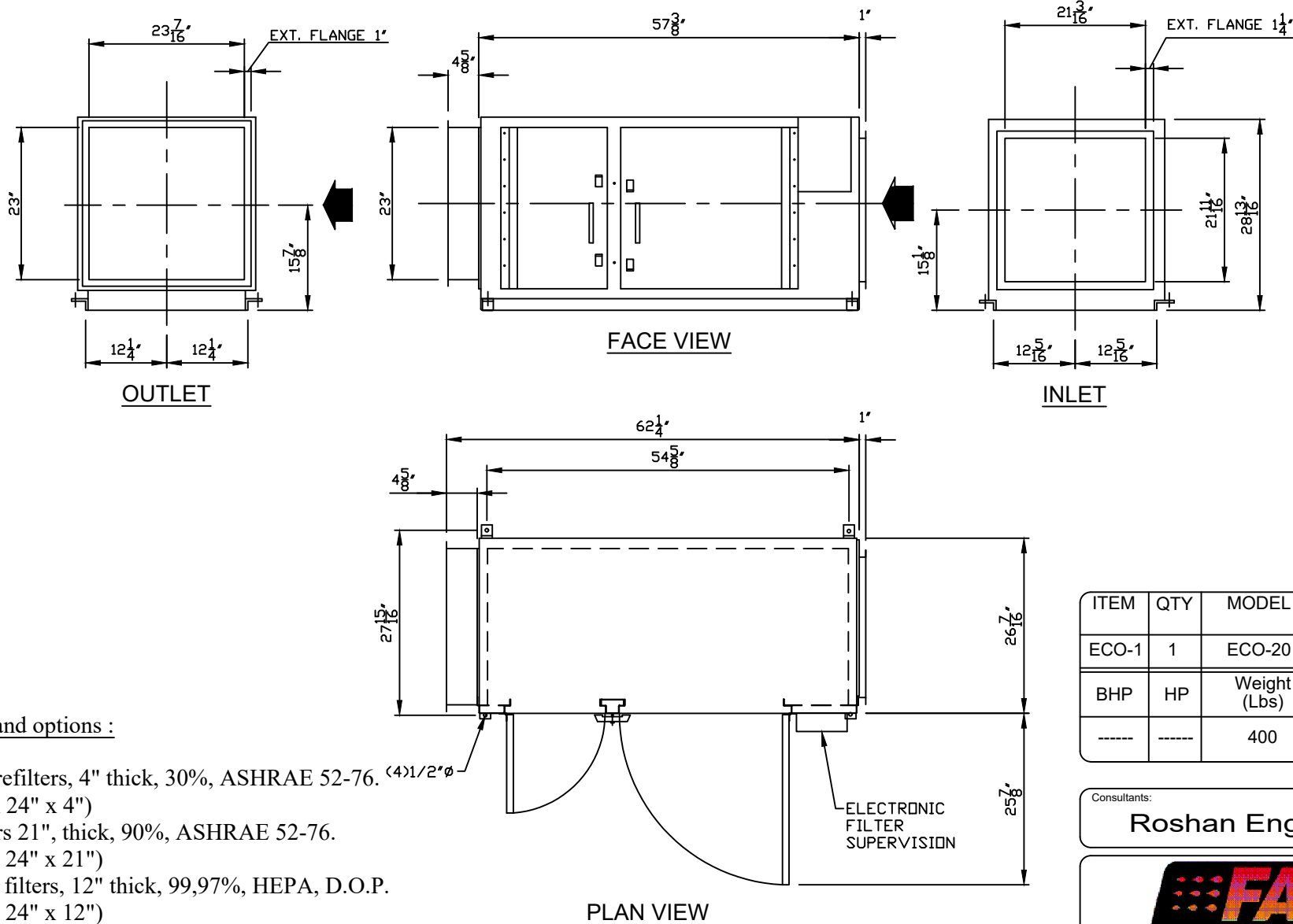
Consultants :
Roshan Engineering



PROJECT:
Donair Affair
13660 George Junction #109
Surrey, BC

Customer :

DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	1 of 14



Accessories and options :

1. Pleated prefilters, 4" thick, 30%, ASHRAE 52-76. (1x 24" x 24" x 4")
2. Bag filters 21", thick, 90%, ASHRAE 52-76. (1x 24" x 24" x 21")
3. Absolute filters, 12" thick, 99,97%, HEPA, D.O.P. (1x 24" x 24" x 12")
4. ULC listed fire damper.
5. Electronic filter supervision with 0-10VDC output signal for each stage of filtration.
6. Hinged access doors.
7. Outer casing stainless steel construction and steel double inner walls insulated.
8. ULC listed: MH29431.



ITEM	QTY	MODEL	Capacity (CFM)	S.P.
ECO-1	1	ECO-20	2 280	3.5"
BHP	HP	Weight (Lbs)		
-----	-----	400		

Consultants:

Roshan Engineering



PROJECT:

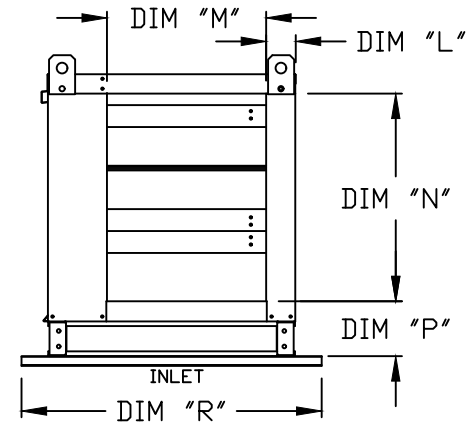
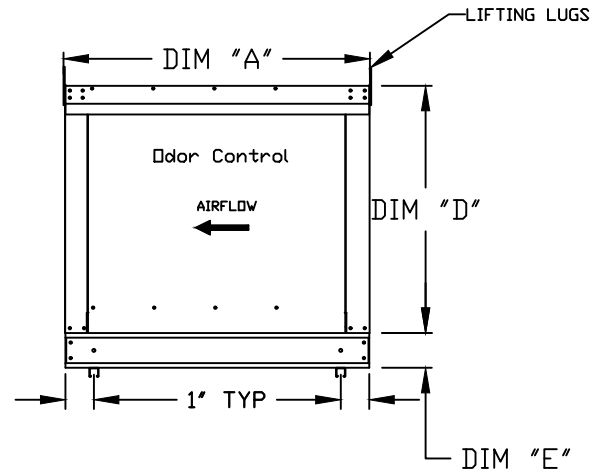
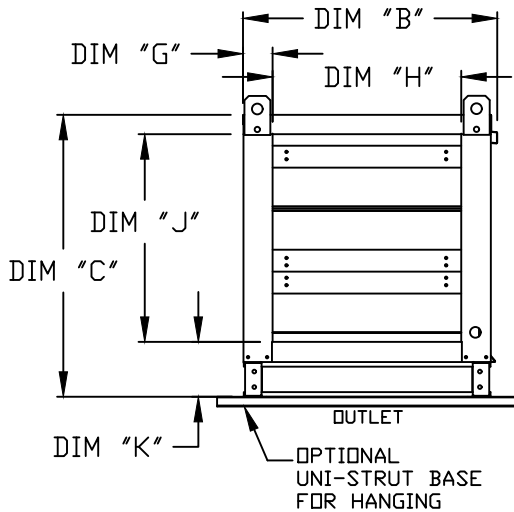
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Surrey, BC

Customer:

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Domenic A.	None	January 8, 2024	2 of 14

NOTE: INSTALLER MUST INTALL ALL DUCTS AND UNITS SLOPED TOWARD THE HOOD, AS PER NFPA96.

POLLUTION CONTROL UNIT-OC-INDOOR
PCU-PF-INDOOR



UNIT INFORMATION			UNIT DIMENSIONS					DISCHARGE OPENING				INTAKE OPENING				UNI-STRUT SUPPORT	CFM RANGE
MODEL	WEIGHT	FILTER SIZE & QTY*	A	B	C	D	E	G	H	J	K	L	M	N	P	R	
SIZE 1	124 LBS	20"x25"x4" (3)	32-1/8	26-3/4	29-3/4	26	3-3/4	3-1/8	19-7/8	21-7/8	5-3/4	3-1/8	16-3/4	21-7/8	5-3/4	50	0 - 1500
SIZE 2	202 LBS	20"x25"x4" (6)	32-1/8	51-5/8	36-3/4	33	3-3/4	5-1/8	42-1/8	28-7/8	5-3/4	5-1/8	39	28-7/8	5-3/4	78	0 - 3000
SIZE 3	241 LBS	20"x25"x4" (8)	38-1/8	40-3/4	43-3/8	38-1/8	5-1/4	4-5/8	32-3/8	33-7/8	7-1/2	4-5/8	29-1/4	33-7/8	7-1/2	64	0 - 5000
SIZE 4	333 LBS	20"x25"x4" (10)	35-1/8	51-5/8	51-3/8	46-1/8	5-1/4	4-5/8	42-5/8	41-7/8	7-1/2	4-5/8	39-1/2	41-7/8	7-1/2	72	0 - 6000
SIZE 5	340 LBS	20"x25"x4" (12)	35-1/8	58-5/8	58-3/8	53-1/8	5-1/4	4-5/8	50-1/8	48-7/8	7-1/2	4-5/8	47	48-7/8	7-1/2	78	0 - 10000
SIZE 6	477 LBS	20"x25"x4" (18)	35-1/8	75-3/4	58-3/8	53-1/8	5-1/4	4-5/8	66-3/8	48-7/8	7-1/2	4-5/8	62-7/8	48-7/8	7-1/2	96	0 - 15000

*FILTER QUANTITY SHOWN IS PER MODULE.

NOTES:

- ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.
- C/US UL710 LISTED FOR GREASE DUCT INSTALLATION
- WHEN USED IN COMMERCIAL KITCHEN GREASE DUCT, UNIT MUST BE INSTALLED DOWNSTREAM OF A UL710 LISTED HOOD ASSEMBLY OR A NFPA 96 COMPLIANT HOOD AS LONG AS IT IS INSTALLED WITH A FIRE SUPPRESSION SYSTEM THAT IS INTERLOCKED WITH THE NFPA 96 COMPLIANT HOOD FIRE SYSTEM.
- CLEARANCE ON FILTER ACCESS SIDE OF THE PCU SHOULD BE A MINIMUM OF 36" FOR PROPER SERVICE OF THE UNIT. ALL OTHER SIDES SHOULD FOLLOW CLEARANCE TO COMBUSTIBLE GUIDELINES PER CODE.
- UNIT CONTAINS PRESSURE MONITORING SWITCH. REFER TO ELECTRICAL SCHEMATIC OR OPERATION MANUAL FOR MORE INFORMATION.
- 1 1/2" NPT DRAIN SUPPLIED IN EACH MODULE FOR WASHDOWN AND IS CAPPED FOR EASY CLEANOUT.
- FIRE SYSTEM TO BE INSTALLED INDOORS OR IN A WEATHERTIGHT ENCLOSURE MAINTAINED BETWEEN 32° AND 130° F. THIS ENCLOSURE IS PROVIDED BY OTHERS.
- SERVICE PLATFORM IS REQUIRED FOR PROPER SERVICE OF THE UNIT

INLET NOTES:

- LENGTH OF STRAIGHT DUCT ON INLET OF PCU TO BE 3 TIMES THE EQUIVALENT DUCT DIAMETER TO AVOID SYSTEM EFFECT
- MAX INLET DUCT VELOCITY TO BE 800 FPM INTO THE PCU. DUCTWORK SHOULD BE SIZED APPROPRIATELY.

Consultants :

Roshan Engineering



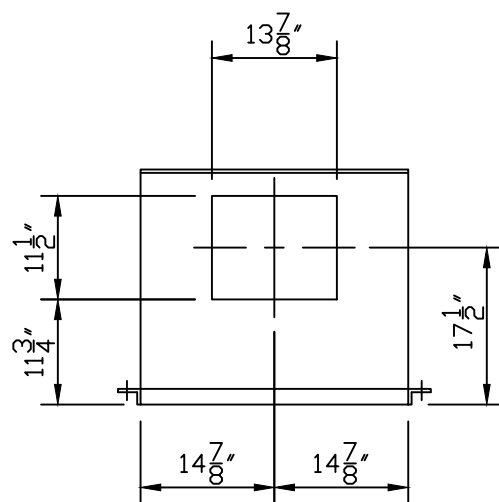
Project:

Donair Affair
13660 George Junction #109
Surrey, BC

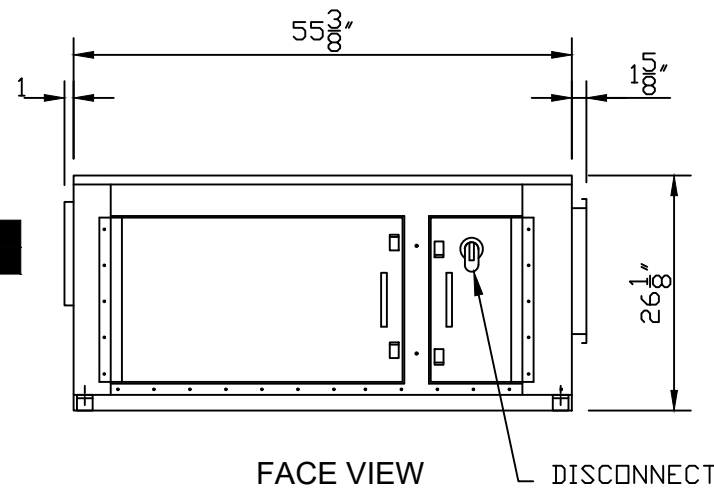
Customer :

ITEM	QTY	MODEL	Capacity (CFM)	S.P.
OC-2	1	Neutral Air	2 280	----
BHP	HP	Weight (Lbs)		
-----	-----	-----		

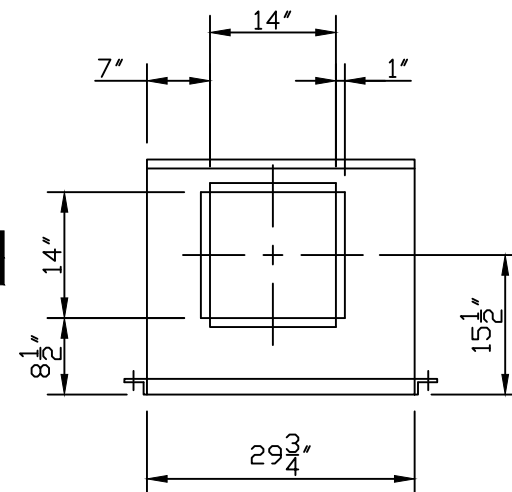
DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	3 of 14



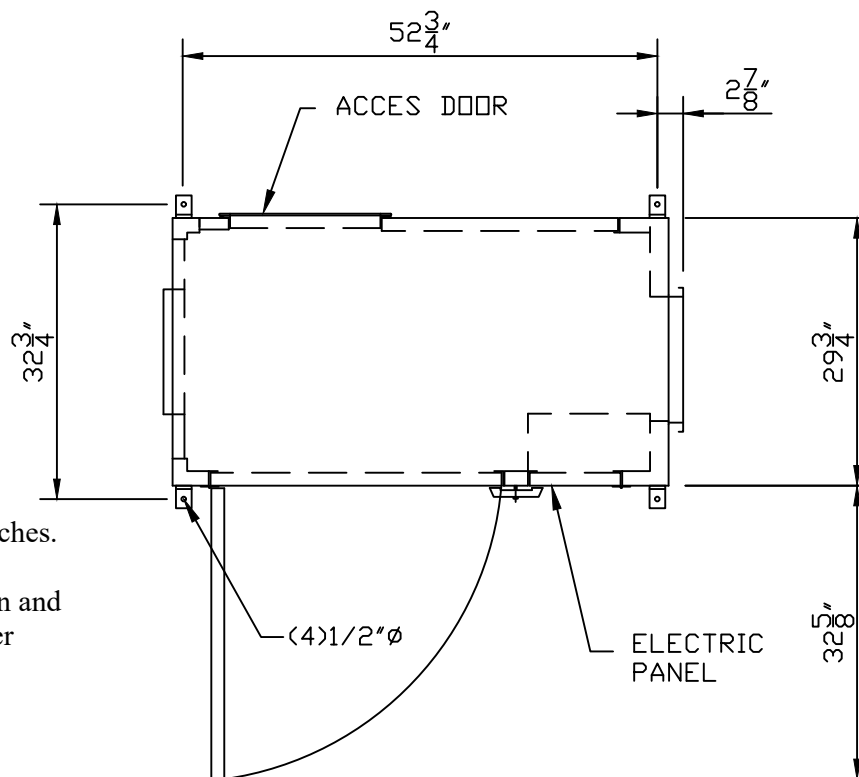
OUTLET



FACE VIEW



INLET



PLAN VIEW

Accessories :

1. DWDI exhaust fan.
2. 5.0 HP motor, TEFC, 208V/3/60 (11.6 F.L.A).
3. 208V/3/60 non-fusible disconnect switches.
4. Magnetic starter (Prewired to motor).
5. Outer casing stainless steel construction and perforated galvanized steel double inner wall insulated with acoustic panels.
6. Vibration spring isolators.
7. Statically and dynamically balanced backward incline fan.
8. Hinged access doors.
9. ULC listed: MH29431.

NOTE: 6'-8' OF STRAIGHT DUCT REQUIRED BEFORE THE INLET AND AFTER THE OUTLET OF THE AH BLOWER



ITEM	QTY	MODEL	Capacity (CFM)	S.P.
AH-1	1	AH-20	2 280	5.5"
BHP	HP	Weight (Lbs)		
3.75	5.0	600		

Consultants:

Roshan Engineering

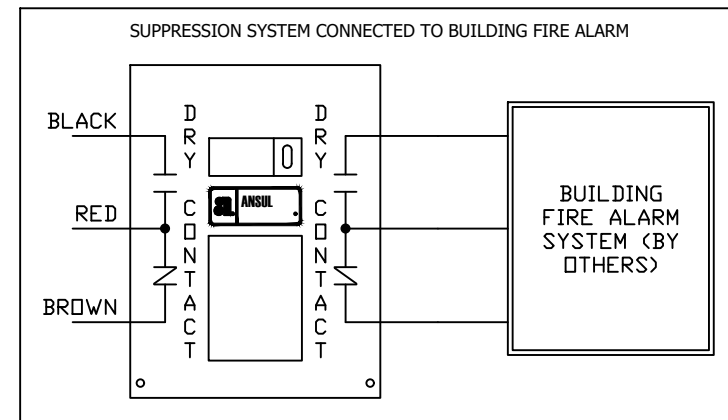
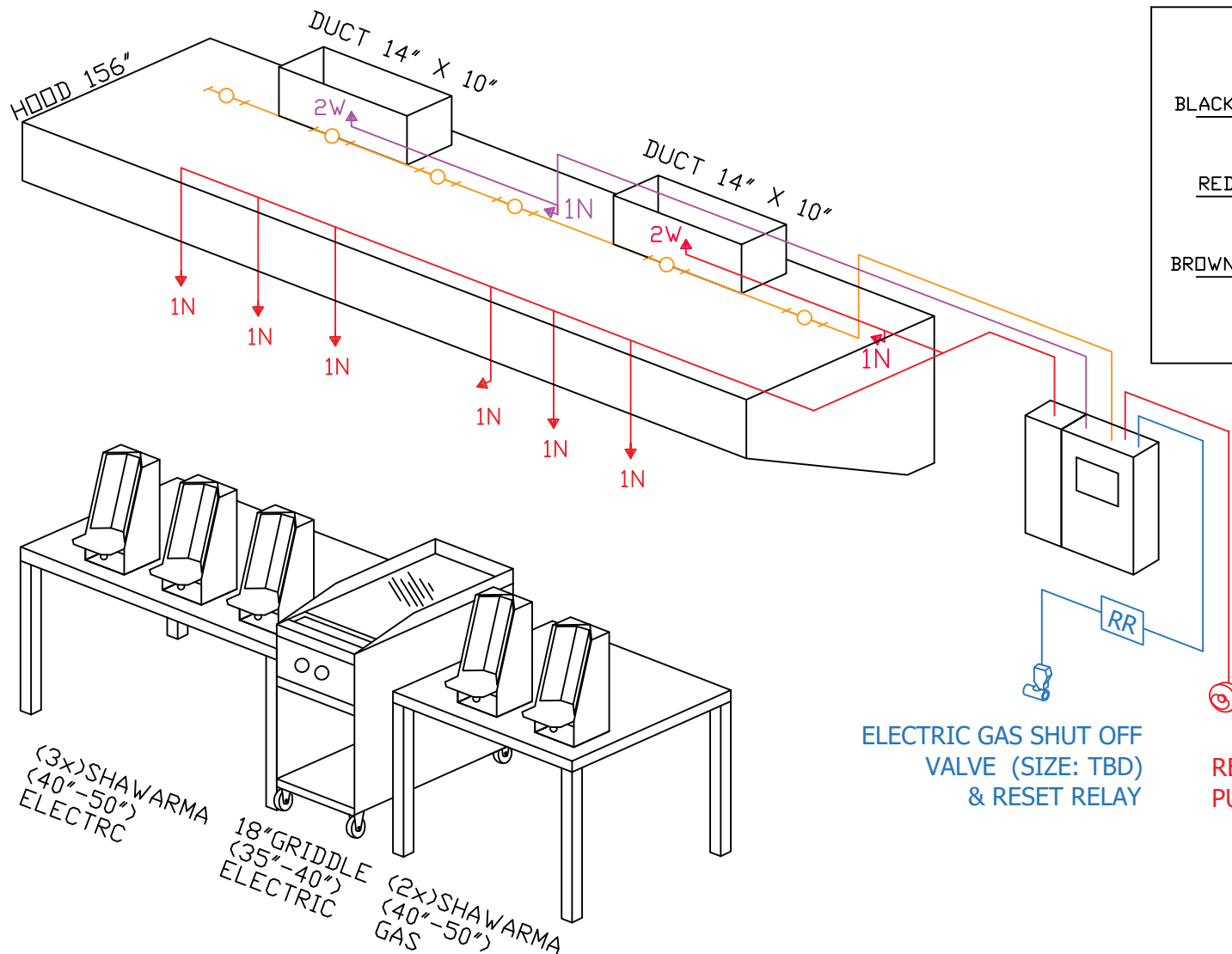


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Surrey, BC

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Domenic A.	None	January 8, 2024	4 of 14



ALL LINES MUST RESPECT THE REQUIREMENTS OF THE MANUFACTURER'S INSTALLATION MANUAL (ANSUL PIN: 41807, LATEST EDITION)
CLASS K WET CHEMICAL EXTINGUISHER SHALL BE INSTALLED THAT THE TOP NOT EXCEED 60" ABOVE THE FINISHED FLOOR

1/2" EMT USED FOR DETECTION, PULL STATION AND GAS VALVE

3/8" PIPING USED FOR DISTRIBUTION NETWORK

SYSTEM CONNECTED TO BUILDING FIRE ALARM

ELECTRIC GAS SHUT OFF VALVE (SIZE: TBD) & RESET RELAY

REMOTE PULL STATION

FS-1: FIRE SUPPRESSION SYSTEM

Nozzle Description	Flow Points	Quantity
Nozzle 1W	1	-
Nozzle 1F	1	-
Nozzle 1N	1	8
Nozzle 2W	2	2
Nozzle 230	2	-
Nozzle 245	2	-
Nozzle 260	2	-
Nozzle 3N	3	-

FS-1: Fire suppression system

Model: ANSUL R-102, ULC 300

Capacity: 3+1.5 Gallons (12 flow points out of 16 flow points)

Size: Stainless steel cabinet 25¹³/₁₆" W x 23¹/₂" H x 7¹/₂" D

Complete with: Stainless steel piping, stainless steel cabinet, remote manual pull station, double micro-switch, electric gas valve 2" maximum (size tbd), remote reset relay, class K portable extinguisher, system connected to building fire alarm.

Consultants :

Roshan Engineering

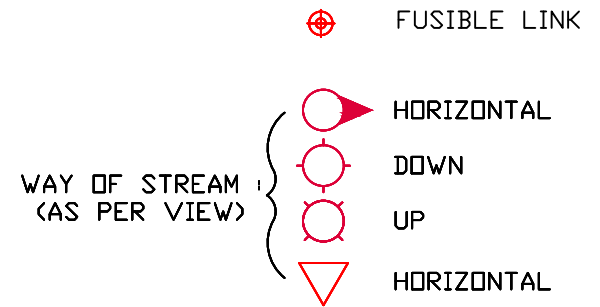
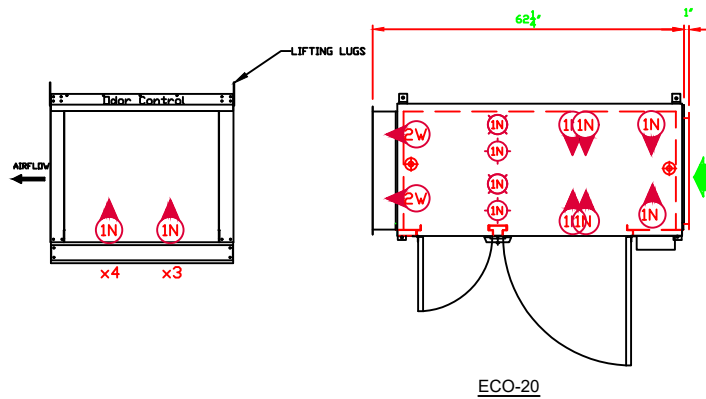
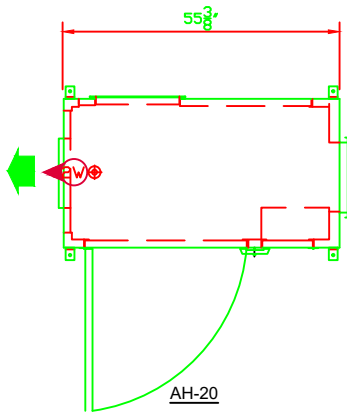


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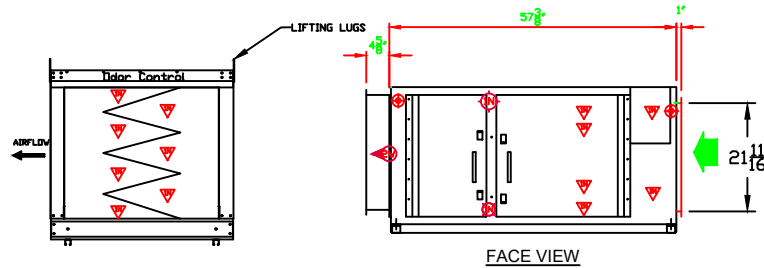
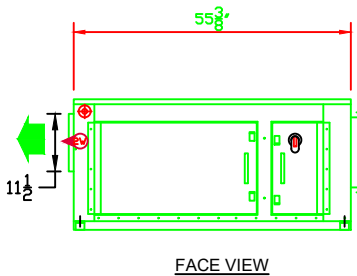
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Surrey, BC

Customer :

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Domenic A.	None	January 8, 2024	5 of 14



ECO20-AH20-OC2 : R102-33 (3x3G) MECHANICAL			
HAZARD : FILTERS		NOZZLES DETAILS	
DESCRIPTION	TYPE	QTY	POINT(S)
IN FRONT FILTER #1	1N (1P)	2	2
IN FRONT FILTER #2	1N (1P)	4	4
IN FRONT FILTER #3	1N (1P)	4	4
FILTER SECTION OUTLET	2W (2P)	2	4
ODOR CONTROL UNIT	1N (1P)	7	7
ENGINE SECTION OUTLET	2W (2P)	1	2
REQUIRED POINTS			23
SYSTEM CAPACITY			33



FS-1: Fire suppression system
 Model: ANSUL R-102, ULC 300
 Capacity: 3+3+3 Gallons (23 flow points out of 33 flow points)
 Size: Stainless steel cabinet 33 5/16" W x 23 1/2" H x 7 1/2" D
 Complete with: Stainless steel piping, stainless steel cabinet, double micro-switch, connect to building fire alarm.
 NOTE : All sources of energy shall be shut off upon actuation of the fire suppression system

Consultants :

Roshan Engineering



PROJECT:

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 13660 George Junction #109
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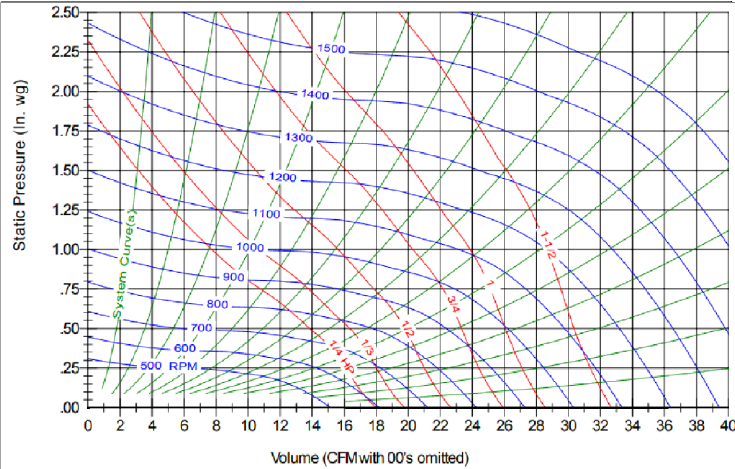
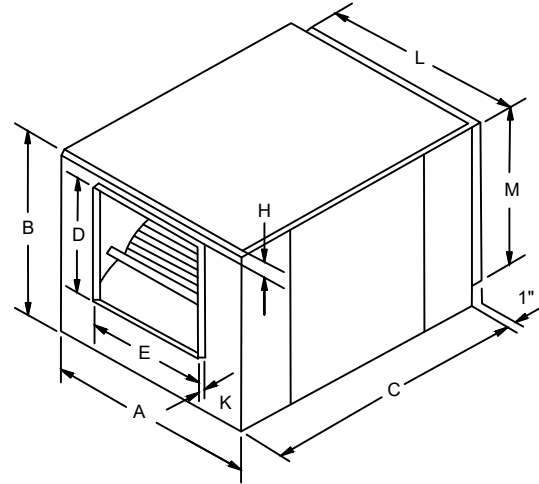
Customer :

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Domenic A.	None	January 8, 2024	6 of 14

FAN DIMENSIONS

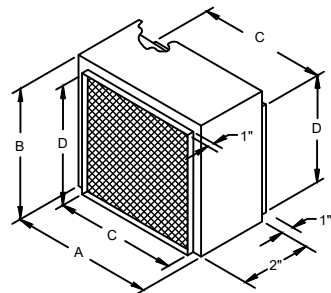
FAN MODEL	A	B	C	OUTLET		F	G	H	J	K	INLET		SHAFT Ø	WEIGHT (lbs)
				D	E						L	M		
207INS	18"	15.375"	23"	8 1/4"	9 3/16"	14 1/2"	9 5/8"	1 1/4"	1 3/4"	7/8"	15 7/8"	13 3/8"	3/4"	43
209INS	21"	18"	23"	10 1/4"	11 13/16"	17 1/2"	11 3/4"	1 1/4"	1 3/4"	7/8"	19"	16"	3/4"	55
210INS	22 1/4"	20"	24 3/4"	11 3/8"	13 1/8"	18 3/4"	13 3/8"	1 1/4"	1 3/4"	7/8"	20 1/4"	18"	3/4"	65
212INS	27"	23"	27 1/2"	13 7/16"	15 5/8"	23 1/2"	16 1/8"	1 1/4"	1 3/4"	7/8"	25"	21"	3/4"	82
215INS	33 1/2"	28"	32"	15 7/8"	18 5/8"	28"	19 1/2"	2 5/8"	1 3/4"	7/8"	30 1/2"	25"	1"	140
218INS	41 1/2"	34"	44"	22 5/8"	22 5/8"	35"	24"	2 3/4"	1 3/4"	1 1/8"	35 3/8"	31 5/8"	1"	158

SUPPLY FAN : BLOWER SECTION



FILTER HOOD SECTION

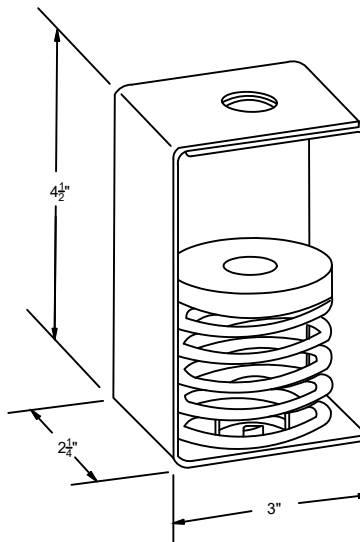
MODEL	L	M	Z	FILTER		UNIT WEIGHT (LBS)
				SIZE	QUANTITY	
F9207	17 3/4"	15 3/8"	16"	14 1/8" X 16 7/8"	1	11
F9209	21"	18"	19 1/8"	16 3/4" X 19 7/8"	1	12
F9210	22 1/4"	20"	20 3/8"	18 3/4" X 21 1/8"	1	14
F9212	27"	23"	25 1/8"	21 3/4" X 25 7/8"	1	16
F9215	32 1/2"	26 3/4"	30 5/8"	25 3/4" X 31"	1	21
F9218	37"	33 1/4"	35 1/4"	32 1/4" X 35 7/8"	1	46



STANDARD FEATURES:

- POWDER COAT FINISH
- 1" THICK ALUMINUM MESH FILTER

SPRING HANGING VIBRATION ISOLATORS



STANDARD FEATURES:

- HANGING RUBBER-IN-SHEAR ISOLATORS
- REDUCES VIBRATION TRANSMISSION
- SUITABLE FOR INDOOR AND OUTDOOR USE.
- QUANTITY: 4

HANGER ROD DIAMETER UP TO Ø 1/2"

Accessories and Features:

1. ETL listed and AMCA certified.
2. Motor 0.75 HP, (2.6 F.L.A.), 208V/3/60.
3. Belt drive with adjustable pulley.
4. Weatherproof unfused safety disconnect switch.
5. Insulated 1" aluminum mesh filter.
6. Vibration isolator: Spring Hanging
7. Baked on textured green polyethylene powder coat finish.
8. Fiberglass insulation reduces noise, condensation, and energy costs.
9. Mounting holes are provided in the top of the cabinet and through channels, reinforcing the top panel.
10. Heavy duty, self aligning, grease lubricated ball bearings.
11. Access panels for convenient motor mounting on either side.
12. All twin units have a common shaft.
13. Strong steel construction.

ITEM	QTY	MODEL	Capacity (CFM)	S.P.
SUP-1	1	210INS	2 060	0.50"
RPM	BHP	HP	Weight (Lbs)	Sones
857	0.55	0.75	65	11.8

Consultants :

Roshan Engineering



PROJECT:

Donair Affair
13660 George Junction #109
Surrey, BC

Customer :

DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	7 of 14

CUSTOMER NAME :
CONSULTING ENG. :
PROJECT :
CONTRACTOR :

PROVENT HCE INC.

DONAIR AFFAIR

CONTRACTOR :

X IMPERIAL
SYSTEM

IMPERIAL
SYSTEM

COPIES:

7

METRIC
SYSTEM

0A

CSA - NRTL/C
APPROVED # LR-30551

DATE ^Y23/^M12/^D21

P.O. NUMBER

DOMENIC

QUOTE #

839429

[illegible]

REMARKS :

6 WEEKS OF PRODUCTION

C2 MAGNETIC CONTACTOR FULL BREAK
CA AUTOMATIC CUT-OUT
CN MANUAL CUT-OUT
T0 TRANSF.C/W FUSIBLE LINK
P6 BUILT-IN AIR FLOW SENSOR
B1 S.C.R. BY THERMOLEC
AA STAT 0-10VDC (CTH291) + DS600
SC SLIP-IN DUCT HEATER

estimation@thermolec.ca



PROJECT:

PROJECT: Donair Affair
13660 George Junction #109
Surrey, BC

Customer :

Consultants :

Roshan Engineering

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SCALE

DATE _____

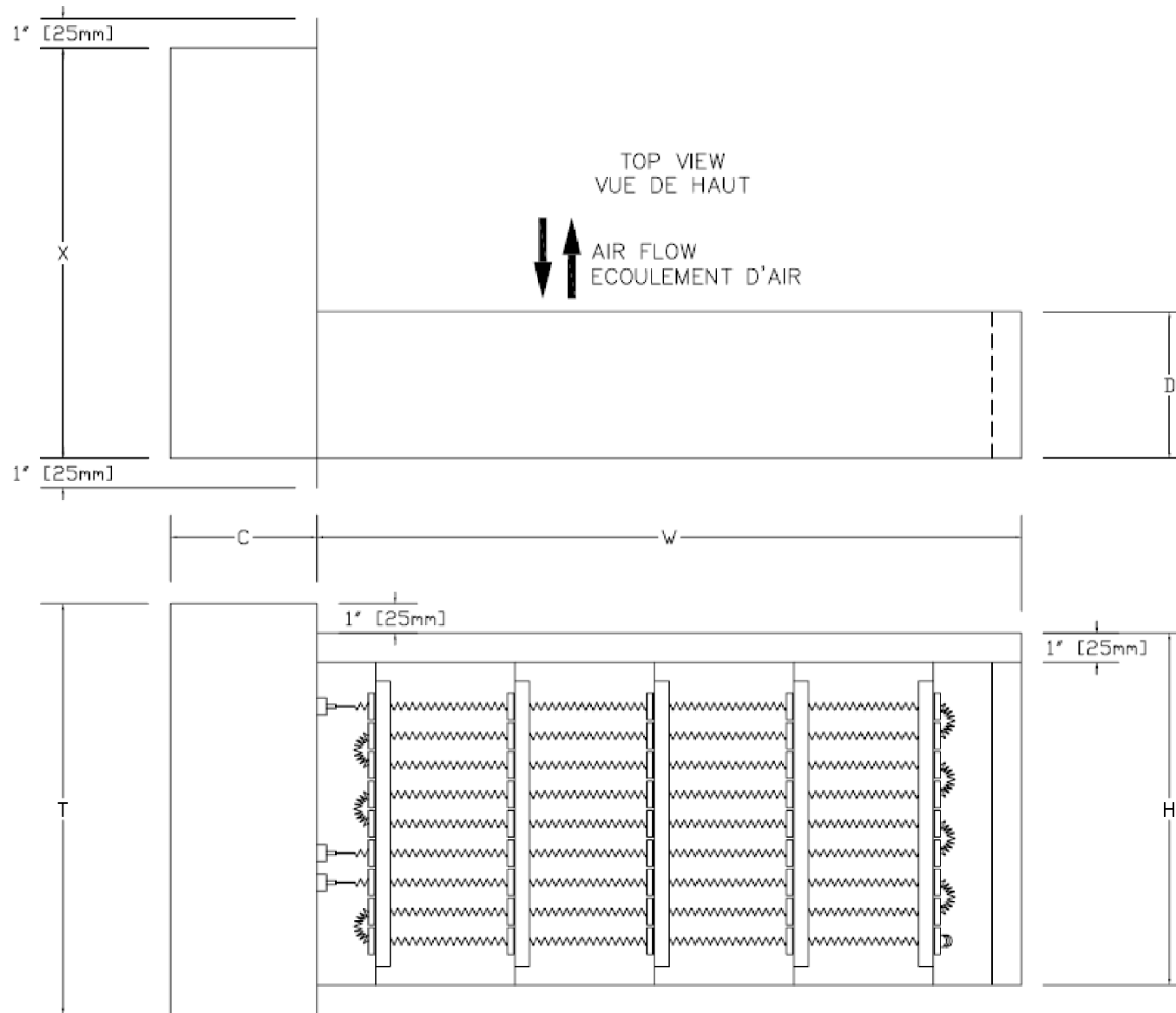
SHEET

Domenic A.

None

January 8, 2024

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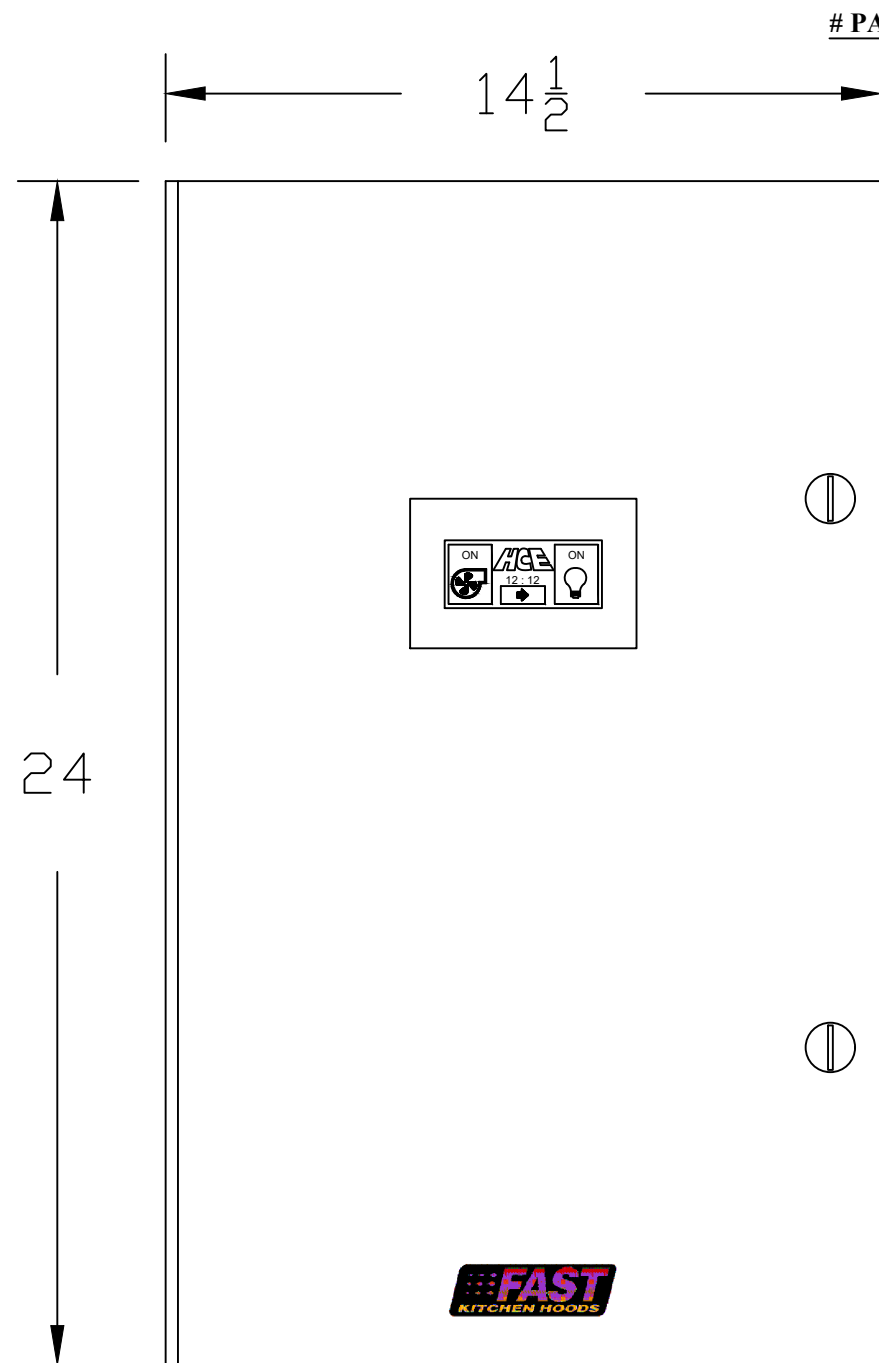


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13660 George Junction #109
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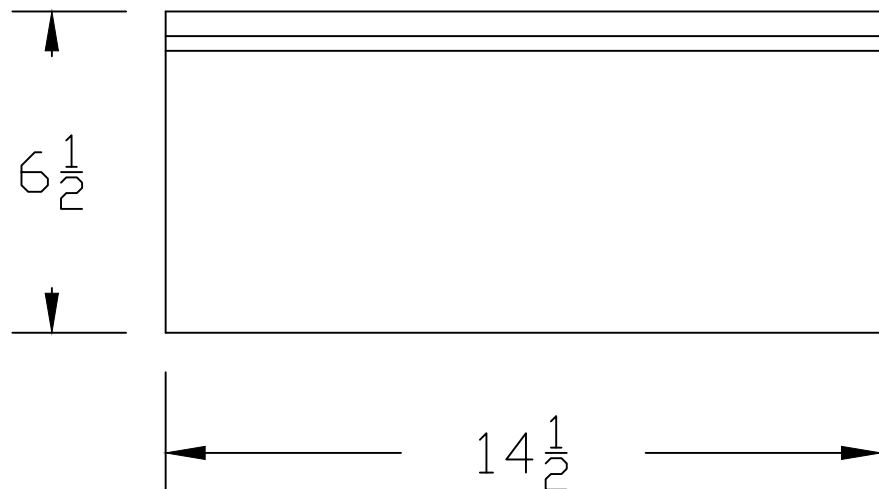
Customer : _____

Consultants : **Roshan Engineering**

DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	9 of 14



FACE VIEW



BOTTOM VIEW

PAC-01 CONTROL PANEL

- Quantity: 1
- Manufacturer: HCE
- Model: PAC-01, ETL listed.
- Size: 14 1/2 inches wide, 24 inches high, 6 1/2 inches depth.
- Description: The cabinet is built in stainless steel 18-gauge with an hinged door. The inside mounting plate for the controls is in stainless steel. The facade of the control panel includes a touch screen allowing the user to verify the proper functioning of the ecology unit, the air supply fan, the motorized damper(s) located in the exhaust duct collar(s) of the hood(s), the motorized damper located in the supply air duct, the hood(s) light, the hood(s) fire protection system and the ecology unit fire protection system. The control panel include a programmable module (PLC) that allows the user to program different hours of operation on site.
- Sequence of operation:
 - The operation of the ecology unit (and the air supply fan) in manual or automatic mode is controlled by the touch screen in front of the control panel, building management system or programmable schedule.
 - A running proof of the exhaust fan and supply air fan is required to keep the system in operation (double interlock).
 - The operation of the ecology unit (and the air supply fan) is not allowed if the filters inside the filtration section of the ecology unit are clogged or absent. The filters status is visible on the touch screen.
 - The motorized damper(s) located in the exhaust duct collar(s) of the hood(s) opens during the operation of the ecology unit (if applicable).
 - The motorized damper located in the supply air duct opens before the start of the air supply fan. At the end of the opening of the motorized damper located in the supply air duct, the air supply fan starts (if applicable).
 - The operation of the hood(s) light is controlled by the touch screen located in front of the control panel.
 - The building management system can control the remote permission and the remote ON/OFF of the ecology unit (and the air supply fan) of the hood(s) using two dry contacts connected to the control panel of the hood(s) located in the kitchen.
 - During an filters alarm of the ecology unit, the touch screen prompts the user to replace the filters in alarm before 96 hours (4 days). If the alarm is still present after 96 hours, the ecology unit (and the air supply fan) stops and will no longer be allowed to be restart. A dry contact closes in the control panel to indicate that a filters maintenance is required when an filters alarm is present.
- In case of fire under the hood(s):
 - The cooking appliances protected by the fire protection system, the hood(s) and the exhaust duct(s) are sprayed by the wet chemical agent of the fire protection system.
 - The gas source to the cooking appliances is cut off.
 - The electrical source of the cooking appliances protected by the fire protection system is cut off (if applicable).
 - The ecology unit is kept in operation.
 - The motorized damper(s) located in the exhaust duct collar(s) of the hood(s) stays open or opens if the ecology unit was shut down (if applicable).
 - The air supply fan shut off.
 - The motorized damper located in the supply air duct closes (if applicable).
 - The hood(s) light shut off.
 - The display of the touch screen indicate a hood fire alarm.
 - The dry contacts of the hood(s) fire protection system located in the kitchen closes to inform the building fire alarm system.
- After a fire under the hood(s), a fire inside the ecology unit or after a power failure at the control panel:
 - The touch screen displays a message to press the reset button.
 - Press the "RESET" button on the touch screen to reset the electrical source to the cooking appliances.

PAC-01 CONTROL PANEL (more..)

- In case of fire inside the ecology unit:
 - The ecology unit is sprayed by the wet chemical agent of the ecology unit fire protection system.
 - The gas source to the cooking appliances is cut off.
 - The electrical source of the cooking appliances protected by the fire protection system is cut off (if applicable).
 - The ecology unit shut off.
 - The motorized damper(s) located in the exhaust duct collar(s) of the hood(s) stays open or opens if the ecology unit was shut down.
 - The air supply fan shut off (if applicable).
 - The motorized damper located in the supply air duct closes.
 - The hood(s) light shut off.
 - The display of the touch screen indicate a ecology unit fire alarm.
 - The dry contacts of the ecology unit fire protection system located on the ecology unit closes to inform the building fire alarm system (by others).

Installation: Wall mounted with a recommended mounting height of 54" from the lower edge of the control panel to the floor.

ITEM	QTY	DIMENSION			Weight (Lbs)
		W	H	D	
PAC-01	1	14 1/2"	24"	6 1/2"	60

Consultants:

Roshan Engineering

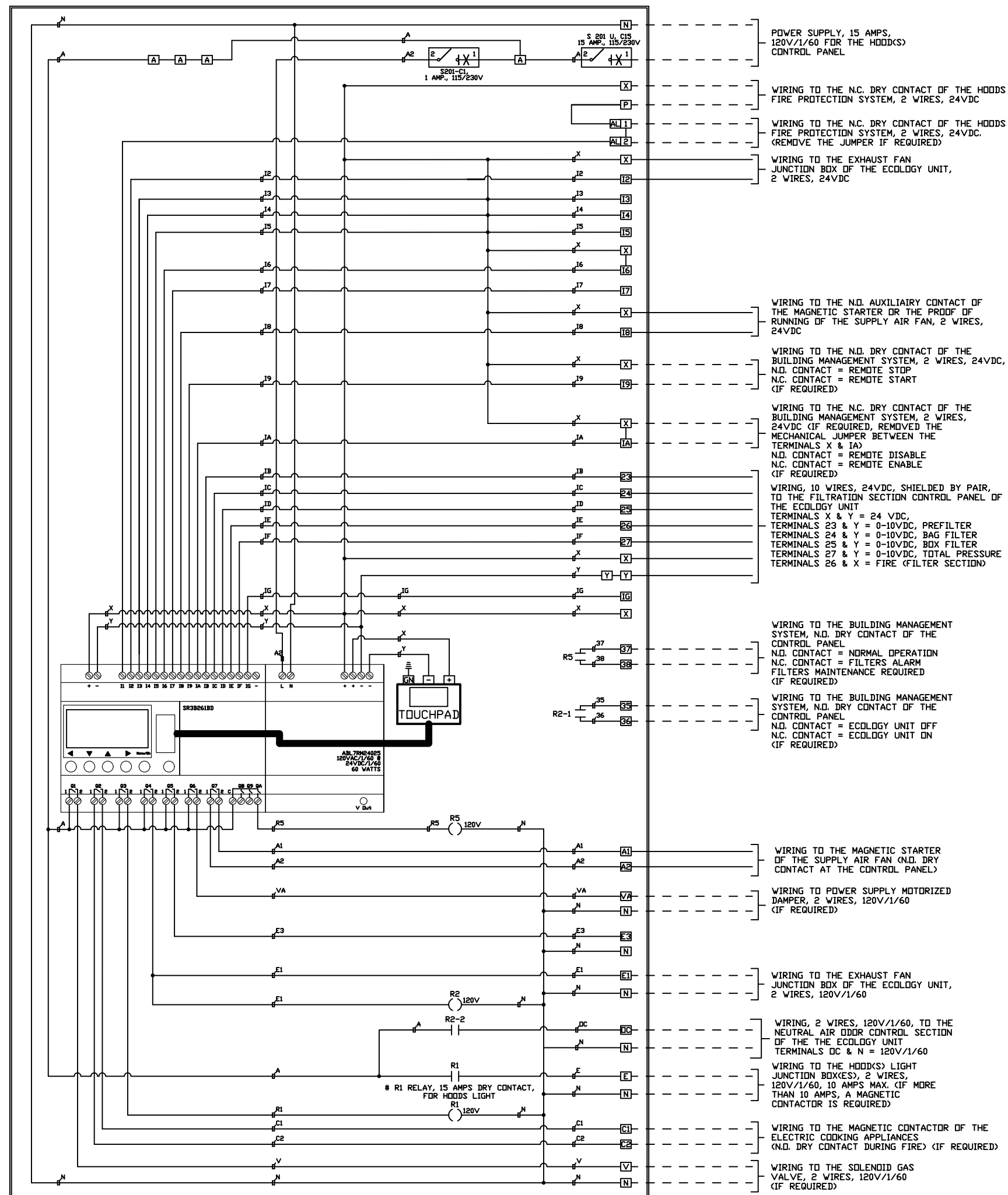


PROJECT:

Donair Affair
13660 George Junction #109
Surrey, BC

Customer :

DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	11 of 14



LEGEND:

----- WIRING, SUPPLIED, INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR

———— WIRING, SUPPLIED, INSTALLED AND CONNECTED BY THE VENTILATION CONTRACTOR

- POWER SUPPLY, 15 AMPS, 120V/1/60 FOR THE HOOD(S) CONTROL PANEL
- WIRING TO THE N.C. DRY CONTACT OF THE HOODS FIRE PROTECTION SYSTEM, 2 WIRES, 24VDC
- WIRING TO THE N.C. DRY CONTACT OF THE HOODS FIRE PROTECTION SYSTEM, 2 WIRES, 24VDC. (REMOVE THE JUMPER IF REQUIRED)
- WIRING TO THE EXHAUST FAN JUNCTION BOX OF THE ECOLOGY UNIT, 2 WIRES, 24VDC
- WIRING TO THE N.O. AUXILIARY CONTACT OF THE MAGNETIC STARTER OR THE PROOF OF RUNNING OF THE SUPPLY AIR FAN, 2 WIRES, 24VDC
- WIRING TO THE N.O. DRY CONTACT OF THE BUILDING MANAGEMENT SYSTEM, 2 WIRES, 24VDC. N.O. CONTACT = REMOTE STOP N.C. CONTACT = REMOTE START (IF REQUIRED)
- WIRING TO THE N.C. DRY CONTACT OF THE BUILDING MANAGEMENT SYSTEM, 2 WIRES, 24VDC (IF REQUIRED, REMOVED THE MECHANICAL JUMPER BETWEEN THE TERMINALS X & 1A) N.O. CONTACT = REMOTE DISABLE N.C. CONTACT = REMOTE ENABLE (IF REQUIRED)
- WIRING, 10 WIRES, 24VDC, SHIELDED BY PAIR, TO THE FILTRATION SECTION CONTROL PANEL OF THE ECOLOGY UNIT
TERMINALS X & Y = 24 VDC,
TERMINALS 23 & Y = 0-10VDC, PREFILTER
TERMINALS 24 & Y = 0-10VDC, BAG FILTER
TERMINALS 25 & Y = 0-10VDC, BOX FILTER
TERMINALS 27 & Y = 0-10VDC, TOTAL PRESSURE
TERMINALS 26 & X = FIRE (FILTER SECTION)
- WIRING TO THE BUILDING MANAGEMENT SYSTEM, N.O. DRY CONTACT OF THE CONTROL PANEL. N.O. CONTACT = NORMAL OPERATION N.C. CONTACT = FILTERS ALARM FILTERS MAINTENANCE REQUIRED (IF REQUIRED)
- WIRING TO THE BUILDING MANAGEMENT SYSTEM, N.O. DRY CONTACT OF THE CONTROL PANEL. N.O. CONTACT = ECOLOGY UNIT OFF N.C. CONTACT = ECOLOGY UNIT ON (IF REQUIRED)
- WIRING TO THE MAGNETIC STARTER OF THE SUPPLY AIR FAN (N.O. DRY CONTACT AT THE CONTROL PANEL)
- WIRING TO POWER SUPPLY MOTORIZED DAMPER, 2 WIRES, 120V/1/60 (IF REQUIRED)
- WIRING TO THE EXHAUST FAN JUNCTION BOX OF THE ECOLOGY UNIT, 2 WIRES, 120V/1/60
- WIRING, 2 WIRES, 120V/1/60, TO THE NEUTRAL AIR DODR CONTROL SECTION OF THE THE ECOLOGY UNIT TERMINALS DC & N = 120V/1/60
- WIRING TO THE HOOD(S) LIGHT JUNCTION BOX(ES), 2 WIRES, 120V/1/60, 10 AMPS MAX. (IF MORE THAN 10 AMPS, A MAGNETIC CONTACTOR IS REQUIRED)
- WIRING TO THE MAGNETIC CONTACTOR OF THE ELECTRIC COOKING APPLIANCES (N.O. DRY CONTACT DURING FIRE) (IF REQUIRED)
- WIRING TO THE SOLENOID GAS VALVE, 2 WIRES, 120V/1/60 (IF REQUIRED)

Consultants:

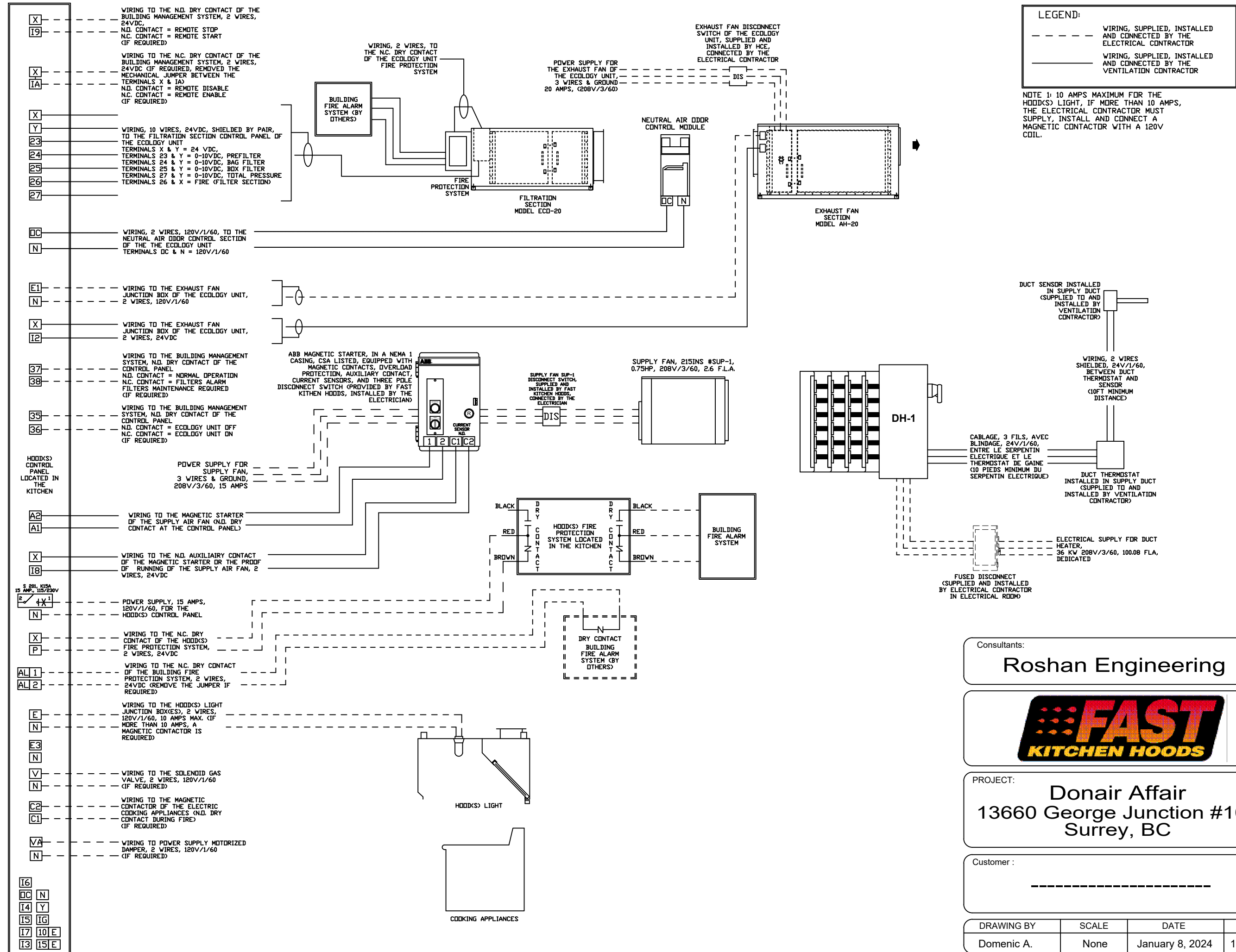
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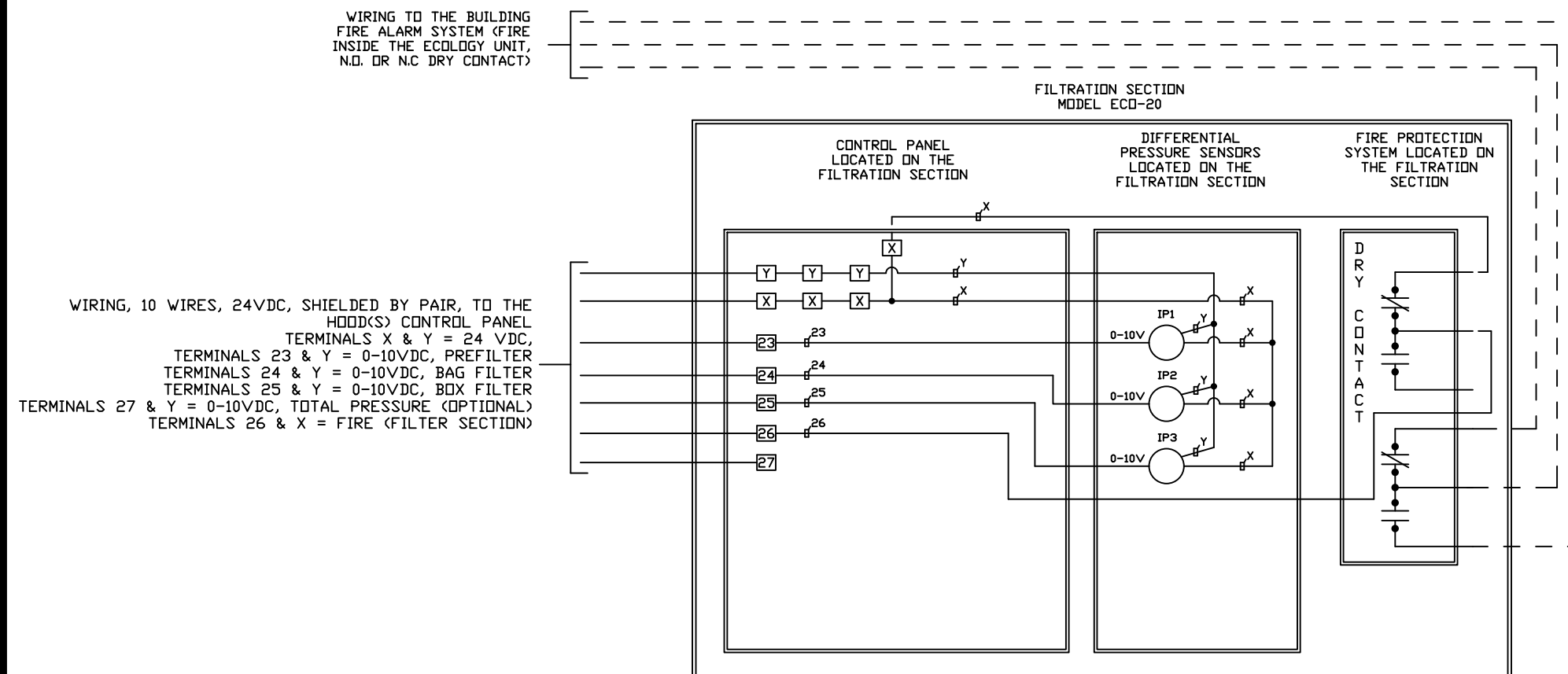
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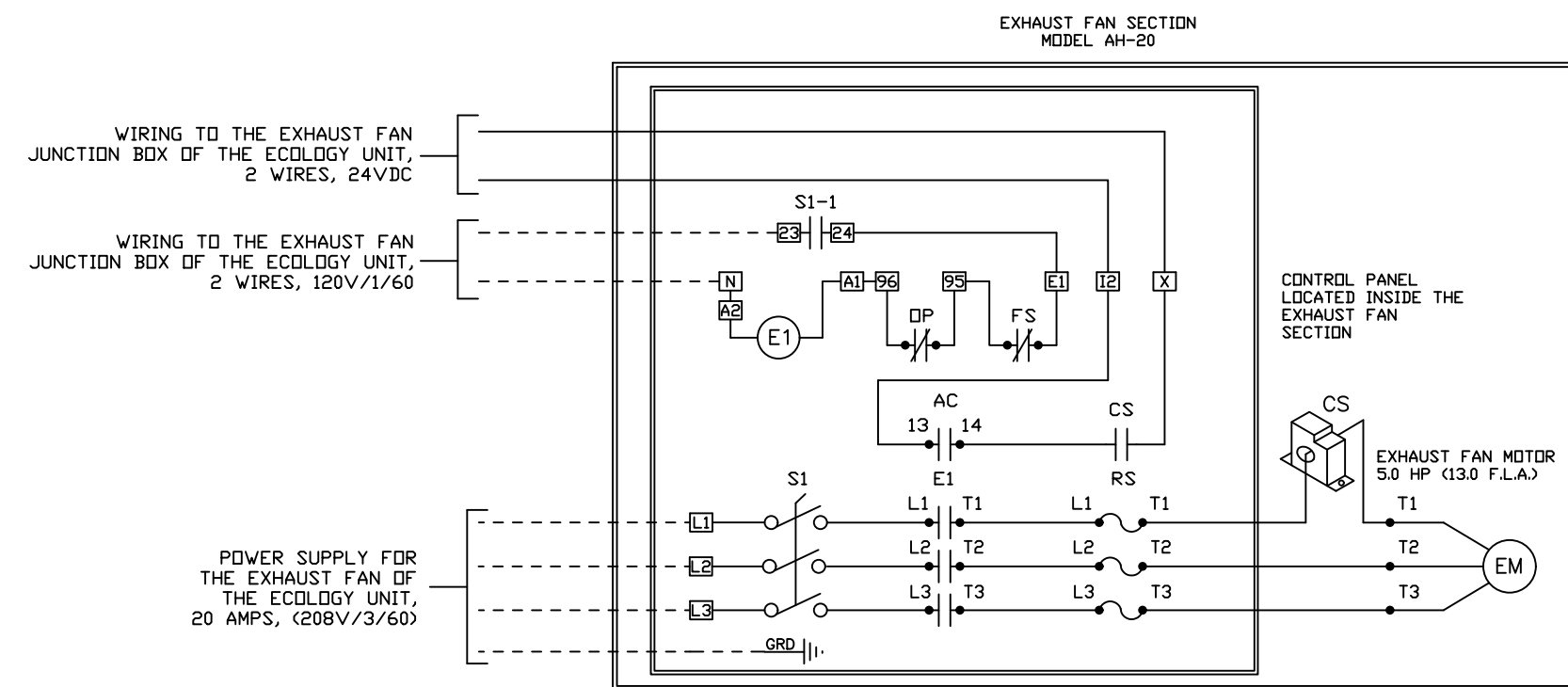
Customer :

DRAWING BY	SCALE	DATE	SHEET
Domenic A.	None	January 8, 2024	12 of 14





- LEGEND:**
- WIRING, SUPPLIED, INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR
 - WIRING, SUPPLIED, INSTALLED AND CONNECTED BY THE VENTILATION CONTRACTOR
 - X — 24VDC, COMING FROM THE HOOD(S) CONTROL PANEL # PAC-01 LOCATED IN THE KITCHEN
 - Y — 24VDC, COMING FROM THE HOOD(S) CONTROL PANEL # PAC-01 LOCATED IN THE KITCHEN
 - 23 — CHANGE PREFILTERS
 - 24 — CHANGE BAG FILTERS
 - 25 — CHANGE ABSOLUTE FILTERS
 - 26 — ECOLOGY UNIT FIRE
 - 27 —
 - E1 — EXHAUST FAN/FILTERS NORMAL OPERATION
 - N — 120V/1/60, NEUTRAL
 - IP1 @ IP3 — ELECTRONIC DIFF. PRESSURE SENSORS, CHANGE FILTERS
IP1=PREFILTERS (1.0" H₂O)
IP2=BAG FILTERS (2.0" H₂O)
IP3=ABSOLUTE FILTERS (4.0" H₂O)
 - S1 3 POLES DISCONNECT SWITCH, 30 AMPS
 - S1-13 POLES DISCONNECT SWITCH NO AUXILIARY CONTACT
 - E1 CONTACT AND COIL OF THE MAGNETIC STARTER OF THE EXHAUST FAN SECTION OF THE ECOLOGY
 - OP OVERLOAD PROTECTION OF THE MAGNETIC STARTER
 - FS HIGH TEMPERATURE THERMOSTAT
 - AC AUXILIARY CONTACT
 - EM EXHAUST FAN MOTOR OF THE ECOLOGY UNIT



Consultants:

Roshan Engineering

FAST KITCHEN HOODS

PROJECT:

Donair Affair
13660 George Junction #109
Surrey, BC

Customer :

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Domenic A.	None	January 8, 2024	14 of 14