

Schedule 1: Designer Information

Use one form for each individual who reviews and takes responsibility for design activities with respect to the project.

A. Project Information			
Building number, street name		Unit no.	Lot/con.
Municipality VAUGHAN (WOODBIDGE)	Postal code	Plan number/ other description	
B. Individual who reviews and takes responsibility for design activities			
Name MICHAEL O'ROURKE		Firm HVAC DESIGNS LTD.	
Street address 375 FINLEY AVE		Unit no. 202	Lot/con. N/A
Municipality AJAX	Postal code L1S 2E2	Province ONTARIO	E-mail info@hvacdesigns.ca
Telephone number (905) 619-2300	Fax number (905) 619-2375	Cell number ()	
C. Design activities undertaken by individual identified in Section B. [Building Code Table 3.5.2.1 OF Division C]			
☐ House ☐ Small Buildings ☐ Large Buildings ☐ Complex Buildings ☒ HVAC – House ☐ Building Services ☐ Detection, Lighting and Power ☐ Fire Protection ☐ Building Structural ☐ Plumbing – House ☐ Plumbing – All Buildings ☐ On-site Sewage Systems			
Description of designer's work HEAT LOSS / GAIN CALCULATIONS DUCT SIZING RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY RESIDENTIAL SYSTEM DESIGN per CSA-F280-12		Model: 4207 LOT 113 Project: PINE VALLEY	
D. Declaration of Designer			
I, <u>MICHAEL O'ROURKE</u> (print name)		declare that (choose one as appropriate):	
☐ I review and take responsibility for the design work on behalf of a firm registered under subsection 3.2.4. of Division C, of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories. Individual BCIN: _____ Firm BCIN: _____			
☒ I review and take responsibility for the design and am qualified in the appropriate category as an "other designer" under subsection 3.2.5. of Division C, of the Building Code. Individual BCIN: <u>19669</u> Basis for exemption from registration and qualification: <u>O.B.C SENTENCE 3.2.4.1 (4)</u>			
☐ The design work is exempt from the registration and qualification requirements of the Building Code. Basis for exemption from registration and qualification: _____			
I certify that:			
1. The information contained in this schedule is true to the best of my knowledge. 2. I have submitted this application with the knowledge and consent of the firm.			
June 8, 2020 Date		 Signature of Designer	

NOTE:

- For the purposes of this form, "individual" means the "person" referred to in Clause 3.2.4.7(1) d). of Division C, Article 3.2.5.1. of Division C, and all other persons who are exempt from qualification under Subsections 3.2.4. and 3.2.5. of Division C.
- Schedule 1 is not required to be completed by a holder of a license, temporary license, or a certificate of authorization, issued by the Ontario Association of Architects. Schedule 1 is also not required to be completed by a holder of a license to practise, a limited license to practise, or a certificate of authorization, issued by the Association of Professional Engineers of Ontario.

Application for a Permit Construct or Demolish – Effective January 1, 2015

[illegible]

SITE NAME: PINE VALLEY
BUILDER: GOLDPARK HOMES

TYPE: 4207 LOT 113

DATE: Jun-20 GFA: 3549 LO# 86234

HEATING CFM	1575	COOLING CFM	1575
TOTAL HEAT LOSS	73,162	TOTAL HEAT GAIN	47,569
AIR FLOW RATE CFM	21.53	AIR FLOW RATE CFM	33.11
AFUE = 96 % INPUT (BTU/H) = 88,000 OUTPUT (BTU/H) = 85,600 DESIGN CFM = 1575 CFM @ .6" E.S.P.			
TEMPERATURE RISE 50 °F			
LENNOX EL196UH090XE48C 90 FAN SPEED LOW 0 MEDIUM 1080 HIGH 1190 MEDIUM HIGH 1340 HIGH 1575			
r/a pressure 0.17 r/a grille press. loss 0.02 adjusted pressure r/a 0.15			

ROOM #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
ROOM NAME	MBR	ENS	ENS	BED-2	BED-3	BED-4	ENS-2	BED-2	BED-3	MBR	ENS-3	DIN	GRT	KT/BF	KT/BF	LIB	LAUND	WIR	FOY	MUD	BAS	BAS	BAS	BAS
RM LOSS MBH	2.72	1.59	1.59	2.09	1.73	2.32	1.01	2.09	1.73	2.72	0.63	4.18	3.03	2.03	2.03	2.29	1.37	0.52	2.65	2.87	4.85	4.85	4.85	4.85
CFM PER RUN HEAT	59	34	34	45	37	50	22	45	37	59	13	90	65	44	44	49	30	11	57	62	104	104	104	104
RM GAIN MBH	2.60	1.53	1.53	1.73	1.93	2.63	1.08	1.73	1.93	2.60	0.83	2.52	2.95	3.29	3.29	2.17	1.13	0.71	0.42	0.45	0.36	0.36	0.36	0.36
CFM PER RUN COOLING	86	51	51	57	64	87	36	57	64	86	27	84	98	109	109	72	37	23	14	15	12	12	12	12
ADJUSTED PRESSURE	0.16	0.17	0.17	0.17	0.17	0.16	0.17	0.17	0.17	0.16	0.17	0.16	0.16	0.15	0.15	0.15	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16
ACTUAL DUCT LGH.	55	35	44	77	103	70	81	93	84	56	83	49	43	33	17	65	9	59	50	15	18	42	54	68
EQUIVALENT LENGTH	150	150	140	170	210	180	190	180	190	140	160	130	100	130	100	140	160	180	200	140	140	150	130	130
TOTAL EFFECTIVE LENGTH	205	185	184	247	313	250	271	273	274	196	243	179	143	163	117	205	169	239	250	155	158	192	184	198
ADJUSTED PRESSURE	0.08	0.09	0.09	0.07	0.05	0.06	0.06	0.06	0.06	0.08	0.07	0.09	0.11	0.09	0.13	0.08	0.1	0.07	0.07	0.11	0.1	0.08	0.09	0.08
ROUND DUCT SIZE	6	5	5	6	6	6	5	6	6	6	4	6	6	6	6	6	4	4	5	5	6	6	6	6
HEATING VELOCITY (ft/min)	301	250	250	229	189	255	162	229	189	301	149	459	331	224	224	250	344	126	419	455	530	530	530	530
COOLING VELOCITY (ft/min)	438	374	374	291	326	444	264	291	326	438	310	428	300	556	556	367	424	264	103	110	61	61	61	61
OUTLET GRILL SIZE	4X10	3X10	3X10	4X10	4X10	4X10	3X10	4X10	4X10	4X10	3X10	4X10	4X10	4X10	4X10	4X10	3X10	3X10	3X10	4X10	4X10	4X10	4X10	4X10
TRUNK	D	E	E	B	A	C	B	B	A	C	B	C	D	D	E	A	E	A	B	E	D	C	B	A

ROOM #	25	26	27	28	29
ROOM NAME	BAS	ENS-4	HALL	GRT	LIB
RM LOSS MBH	4.85	1.09	1.31	3.03	2.29
CFM PER RUN HEAT	104	23	28	65	49
RM GAIN MBH	0.36	1.45	2.14	2.95	2.17
CFM PER RUN COOLING	12	48	71	98	72
ADJUSTED PRESSURE	0.16	0.17	0.17	0.16	0.17
ACTUAL DUCT LGH.	30	72	60	50	70
EQUIVALENT LENGTH	130	150	210	107	120
TOTAL EFFECTIVE LENGTH	160	222	270	157	190
ADJUSTED PRESSURE	0.1	0.08	0.06	0.1	0.09
ROUND DUCT SIZE	6	5	6	6	6
HEATING VELOCITY (ft/min)	530	169	143	331	250
COOLING VELOCITY (ft/min)	61	352	362	500	367
OUTLET GRILL SIZE	4X10	3X10	4X10	4X10	4X10
TRUNK	D	B	B	C	A

TRUNK	CFM	RECT DUCT	ROUND DUCT	STATIC PRESS.	VELOCITY (ft/min)	TRUNK	CFM	RECT DUCT	ROUND DUCT	STATIC PRESS.	VELOCITY (ft/min)
TRUNK A	287	0.05	9.9	0.05	431	TRUNK G	0	0	0	0.00	0
TRUNK B	624	0.05	13.2	0.05	562	TRUNK H	0	0	0	0.00	0
TRUNK C	368	0.06	10.4	0.06	552	TRUNK I	0	0	0	0.00	0
TRUNK D	1368	0.05	17.7	0.05	704	TRUNK J	0	0	0	0.00	0
TRUNK E	1572	0.05	18.7	0.05	707	TRUNK K	0	0	0	0.00	0
TRUNK F	0	0.00	0	0.00	0	TRUNK L	0	0	0	0.00	0

RETURN AIR #	1	2	3	4	5	6	7	8
AIR VOLUME	85	115	115	75	170	350	350	75
PLENUM PRESSURE	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
ACTUAL DUCT LGH.	57	88	82	93	61	52	61	76
EQUIVALENT LENGTH	190	215	225	235	195	260	215	245
TOTAL EFFECTIVE LENGTH	247	303	307	328	256	312	276	321
ADJUSTED PRESSURE	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
ROUND DUCT SIZE	6	7	7	6	7	8	8	8
INLET GRILL SIZE	X	X	X	X	X	X	X	X
INLET GRILL SIZE	14	14	14	14	24	30	30	14

TYPE: 4207
SITE NAME: PINE VALLEY

LO # 86234
LOT 113

RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

COMBUSTION APPLIANCES		9.32.3.1(1)
a)	☒ Direct vent (sealed combustion) only	
b)	☐ Positive venting induced draft (except fireplaces)	
c)	☐ Natural draft, B-vent or induced draft gas fireplace	
d)	☐ Solid Fuel (including fireplaces)	
e)	☐ No Combustion Appliances	

HEATING SYSTEM	
☒ Forced Air	☐ Non Forced Air
☐ Electric Space Heat	

HOUSE TYPE		9.32.1(2)
☒ I	Type a) or b) appliance only, no solid fuel	
☐ II	Type I except with solid fuel (including fireplaces)	
☐ III	Any Type c) appliance	
☐ IV	Type I, or II with electric space heat	
☐	Other: Type I, II or IV no forced air	

SYSTEM DESIGN OPTIONS		O.N.H.W.P.
☐ 1	Exhaust only/Forced Air System	
☐ 2	HRV with Ducting/Forced Air System	
☒ 3	HRV Simplified/connected to forced air system	
☐ 4	HRV with Ducting/non forced air system	
☐	Part 6 Design	

TOTAL VENTILATION CAPACITY		9.32.3.3(1)
Basement + Master Bedroom	<u>2</u> @ 21.2 cfm	<u>42.4</u> cfm
Other Bedrooms	<u>3</u> @ 10.6 cfm	<u>31.8</u> cfm
Kitchen & Bathrooms	<u>6</u> @ 10.6 cfm	<u>63.6</u> cfm
Other Rooms	<u>5</u> @ 10.6 cfm	<u>53.0</u> cfm
Table 9.32.3.A.	TOTAL	<u>190.8</u> cfm

PRINCIPAL VENTILATION CAPACITY REQUIRED		9.32.3.4.(1)
1 Bedroom	31.8	cfm
2 Bedroom	47.7	cfm
3 Bedroom	63.6	cfm
4 Bedroom	79.5	cfm
5 Bedroom	95.4	cfm
TOTAL	79.5	cfm

SUPPLEMENTAL VENTILATION CAPACITY		9.32.3.5.
Total Ventilation Capacity	<u>190.8</u>	cfm
Less Principal Ventil. Capacity	<u>79.5</u>	cfm
Required Supplemental Capacity	<u>111.3</u>	cfm

PRINCIPAL EXHAUST FAN CAPACITY	
Model: VANEE 65H	Location: BSMT
<u>79.5</u> cfm	<u>3.0</u> sones
☒	HVI Approved

PRINCIPAL EXHAUST HEAT LOSS CALCULATION			
CFM	ΔT °F	FACTOR	% LOSS
79.5 CFM	X 76 F	X 1.08	X 0.25

SUPPLEMENTAL FANS		PANASONIC	
Location	Model	cfm	Sones
ENS	FV-05-11VK1	50	✓ 0.3
ENS-2	FV-05-11VK1	50	✓ 0.3
ENS-4	FV-05-11VK1	50	✓ 0.3
W/R	FV-05-11VK1	50	✓ 0.3

HEAT RECOVERY VENTILATOR		9.32.3.11.
Model: VANEE 65H		
<u>155</u> cfm high	<u>64</u> cfm low	
<u>75</u> % Sensible Efficiency	☒	HVI Approved
@ 32 deg F (0 deg C)		

LOCATION OF INSTALLATION	
Lot:	Concession
Township	Plan:
Address	
Roll #	Building Permit #

BUILDER:		GOLDPARK HOMES
Name:		
Address:		
City:		
Telephone #:	Fax #:	

INSTALLING CONTRACTOR	
Name:	
Address:	
City:	
Telephone #:	Fax #:

DESIGNER CERTIFICATION	
I hereby certify that this ventilation system has been designed in accordance with the Ontario Building Code.	
Name:	HVAC Designs Ltd.
Signature:	<i>Michael O'Rourke</i>
HRAI #	001820
Date:	June-20

CSA F280-12 Residential Heat Loss and Heat Gain Calculations																																																									
Formula Sheet (For Air Leakage / Ventilation Calculation)																																																									
LO#: 86234		Model: 4207		Builder: GOLDPARK HOMES		Date: 08/06/2020																																																			
Air Change & Delta T Data																																																									
House Volume		WINTER NATURAL AIR CHANGE RATE				0.434																																																			
		SUMMER NATURAL AIR CHANGE RATE				0.145																																																			
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6.2.6 Sensible Gain due to Air Leakage																																																									
$HG_{salb} = LR_{airc} \times \frac{V_b}{3.6} \times DTD_c \times 1.2$																																																									
0.434	x	389.77	x	7 °C	x	1.2	=	483 W																																																	
								=	1647 Btu/h																																																
6.2.7 Sensible heat Gain due to Ventilation																																																									
$HL_{vairb} = PVC \times DTD_h \times 1.08 \times (1 - E)$																																																									
80 CFM	x	76 °F	x	1.08	x	0.25	=	275 Btu/h																																																	
5.2.3.3 Calculation of Air Change Heat Loss for Each Room (Floor Multiplier Section)																																																									
$HL_{airr} = Level Factor \times HL_{airbv} \times \{(HL_{agcr} + HL_{bgcr}) \div (HL_{agclevel} + HL_{bgclevel})\}$																																																									
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*HLairbv = Air leakage heat loss + ventilation heat loss *For a balanced or supply only ventilation system HLairve = 0																																																									

HEAT LOSS AND GAIN SUMMARY SHEET

MODEL: 4207	LOT 113	BUILDER: GOLDPARK HOMES
SFQT: 3549	LO# 86234	SITE: PINE VALLEY

DESIGN ASSUMPTIONS

HEATING	°F	COOLING	°F
OUTDOOR DESIGN TEMP.	-4	OUTDOOR DESIGN TEMP.	88
INDOOR DESIGN TEMP.	72	INDOOR DESIGN TEMP. (MAX 75°F)	75

BUILDING DATA

ATTACHMENT:	DETACHED	# OF STORIES (+BASEMENT):	3
FRONT FACES:	SOUTH	ASSUMED (Y/N):	Y
AIR CHANGES PER HOUR:	3.57	ASSUMED (Y/N):	Y
AIR TIGHTNESS CATEGORY:	AVERAGE	ASSUMED (Y/N):	Y
WIND EXPOSURE:	SHELTERED	ASSUMED (Y/N):	Y
HOUSE VOLUME (ft³):	49552.0	ASSUMED (Y/N):	Y
INTERNAL SHADING:	BLINDS/CURTAINS	ASSUMED OCCUPANTS:	5
INTERIOR LIGHTING LOAD (Btu/h/ft²):	1.50	DC BRUSHLESS MOTOR (Y/N):	Y
FOUNDATION CONFIGURATION	BCIN_1	DEPTH BELOW GRADE:	6.0 ft
LENGTH: 57.0 ft	WIDTH: 41.0 ft	EXPOSED PERIMETER:	196.0 ft

2012 OBC - COMPLIANCE PACKAGE**Component****Compliance Package****A1****Nominal Min. Eff.**

Ceiling with Attic Space Minimum RSI (R)-Value	60	59.22
Ceiling Without Attic Space Minimum RSI (R)-Value	31	27.65
Exposed Floor Minimum RSI (R)-Value	31	29.80
Walls Above Grade Minimum RSI (R)-Value	22	17.03
Basement Walls Minimum RSI (R)-Value	20 ci	21.12
Below Grade Slab Entire surface > 600 mm below grade Minimum RSI (R)-Value	-	-
Edge of Below Grade Slab ≤ 600 mm Below Grade Minimum RSI (R)-Value	10	10
Heated Slab or Slab ≤ 600 mm below grade Minimum RSI (R)-Value	10	11.13
Windows and Sliding Glass Doors Maximum U-Value	0.28	-
Skylights Maximum U-Value	0.49	-
Space Heating Equipment Minimum AFUE	0.96	-
HRV Minimum Efficiency	75%	-
Domestic Hot Water Heater Minimum EF	0.8	-

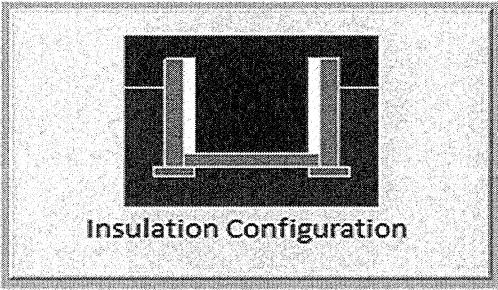
INDIVIDUAL BCIN: 19669

MICHAEL O'ROURKE



Residential Foundation Thermal Load Calculator

Supplemental tool for CAN/CSA-F280

Weather Station Description		
Province:	Ontario	
Region:	Vaughan (Woodbridge)	
Site Description		
Soil Conductivity:	Normal conductivity: dry sand, loam, clay	
Water Table:	Normal (7-10 m, 23-33 ft)	
Foundation Dimensions		
Floor Length (m):	17.4	 Insulation Configuration
Floor Width (m):	12.5	
Exposed Perimeter (m):	0.0	
Wall Height (m):	2.7	
Depth Below Grade (m):	1.83	
Window Area (m ²):	1.1	
Door Area (m ²):	1.9	
Radiant Slab		
Heated Fraction of the Slab:	0	
Fluid Temperature (°C):	33	
Design Months		
Heating Month	1	
Foundation Loads		
Heating Load (Watts):		1983

TYPE: 4207
LO# 86234

LOT 113

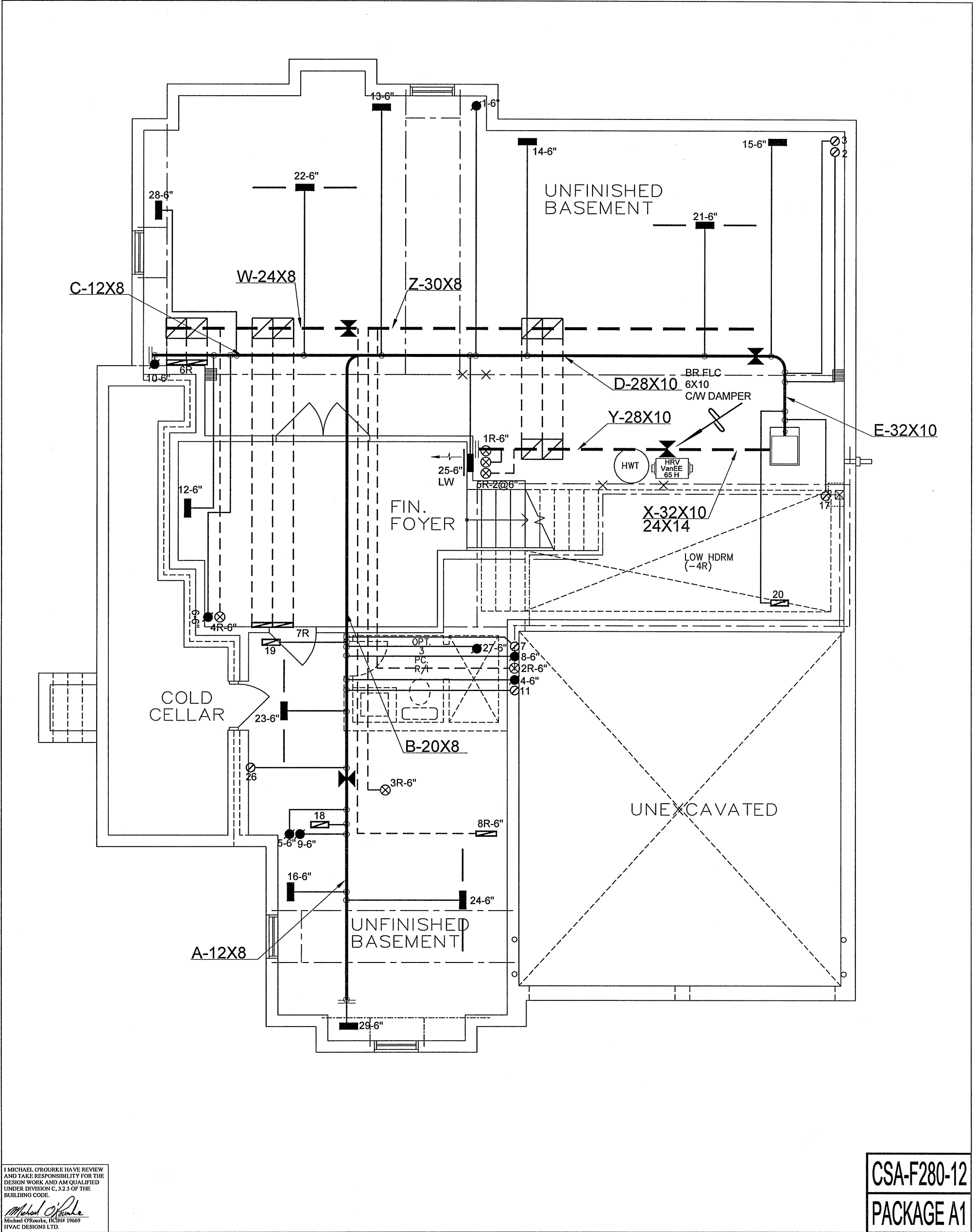
Air Infiltration Residential Load Calculator

Supplemental tool for CAN/CSA-F280

Weather Station Description				
Province:	Ontario			
Region:	Vaughan (Woodbridge)			
Weather Station Location:	Open flat terrain, grass			
Anemometer height (m):	10			
Local Shielding				
Building Site:	Suburban, forest			
Walls:	Heavy			
Flue:	Heavy			
Highest Ceiling Height (m):	10.06			
Building Configuration				
Type:	Detached			
Number of Stories:	Two			
Foundation:	Full			
House Volume (m ³):	1403.2			
Air Leakage/Ventilation				
Air Tightness Type:	Present (1961-) (3.57 ACH)			
Custom BDT Data:	ELA @ 10 Pa.	1870.5 cm ²		
	3.57	ACH @ 50 Pa		
Mechanical Ventilation (L/s):	Total Supply	Total Exhaust		
	37.5	37.5		
Flue Size				
Flue #:	#1	#2	#3	#4
Diameter (mm):	0	0	0	0
Natural Infiltration Rates				
Heating Air Leakage Rate (ACH/H):	0.434			
Cooling Air Leakage Rate (ACH/H):	0.145			

TYPE: 4207
LO# 86234

LOT 113



I MICHAEL O'ROURKE HAVE REVIEWED AND TAKE RESPONSIBILITY FOR THE DESIGN WORK AND AM QUALIFIED UNDER DIVISION C.3.2.5 OF THE BUILDING CODE.

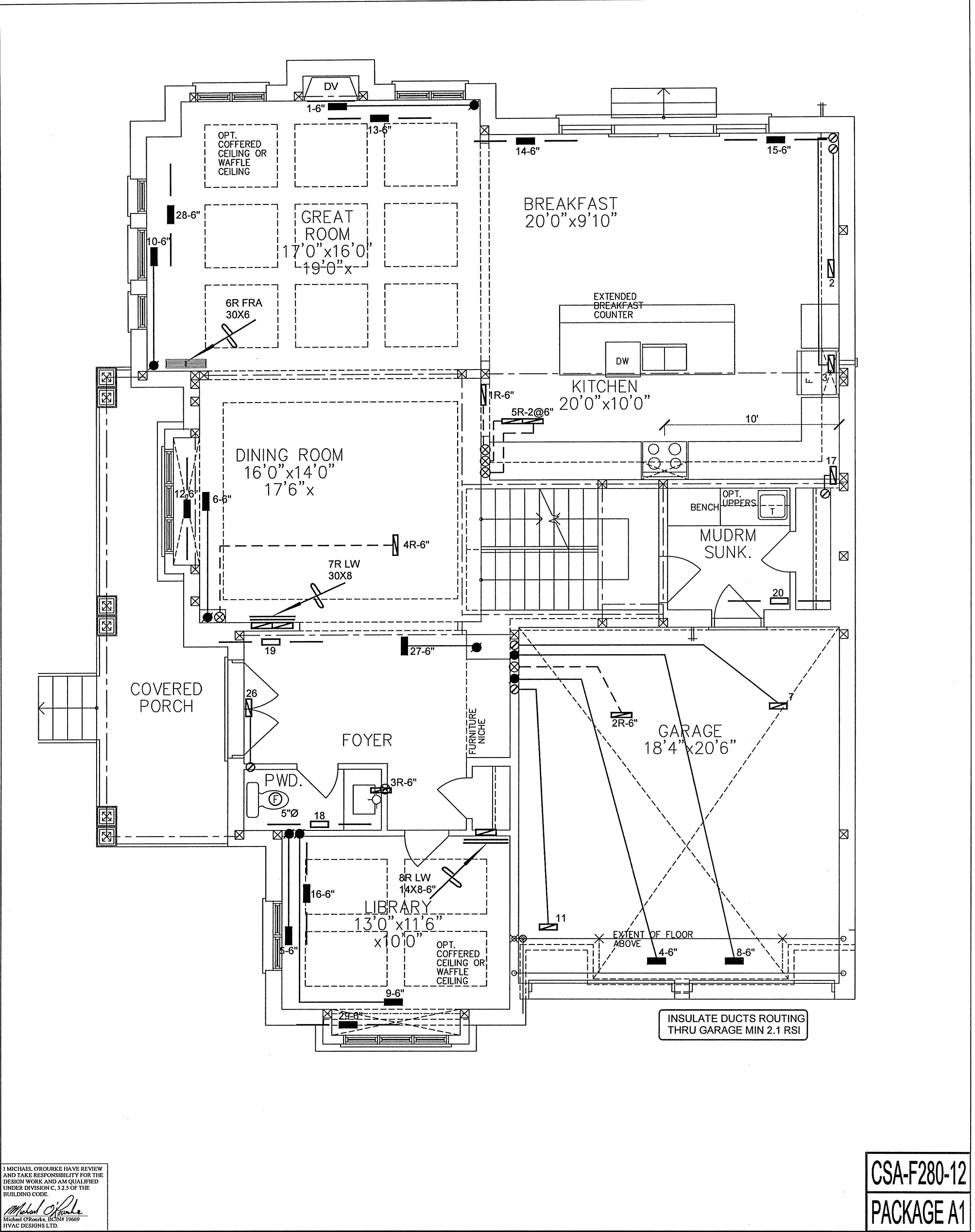
Michael O'Rourke
Michael O'Rourke, BCIN# 19669
HVAC DESIGNS LTD.

CSA-F280-12
PACKAGE A1

HVAC LEGEND							3.		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	2.	
	SUPPLY AIR GRILLE		6" SUPPLY AIR BOOT ABOVE		14"x8" RETURN AIR GRILLE		RETURN AIR STACK ABOVE	1.	
	SUPPLY AIR GRILLE 6" BOOT		SUPPLY AIR STACK FROM 2nd FLOOR		30"x8" RETURN AIR GRILLE		RETURN AIR STACK 2nd FLOOR	No.	Description Date
	SUPPLY AIR BOOT ABOVE		6" SUPPLY AIR STACK 2nd FLOOR		FRA- FLOOR RETURN AIR GRILLE		REDUCER	REVISIONS	

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Client		HVACDESIGNS LTD. 375 Finley Ave. Suite 202 - Ajax, Ontario L1S 2E2 Tel. 905.619.2300 - 905.420.5300 Fax 905.619.2375 Email: info@hvacdesigns.ca Web: www.hvacdesigns.ca Specializing in Residential Mechanical Design Services	HEAT LOSS 74794 BTU/H UNIT DATA		# OF RUNS S/A R/A FANS				Sheet Title	
GOLDPARK HOMES			MAKE	LENNOX	3RD FLOOR				BASEMENT HEATING LAYOUT	
Project Name			MODEL	EL196UH090XE48C	2ND FLOOR	13	5	5		
PINE VALLEY VAUGHAN, ONTARIO			INPUT	88 MBTU/H	1ST FLOOR	11	3	2	Date	JUNE/2020
			OUTPUT	85.6 MBTU/H	BASEMENT	5	1	0	Scale	3/16" = 1'-0"
		COOLING	4.0 TONS	ALL S/A DIFFUSERS 4 "x10" UNLESS NOTED OTHERWISE ON LAYOUT. ALL S/A RUNS 5"Ø UNLESS NOTED OTHERWISE ON LAYOUT. UNDERCUT DOORS 1" min. FOR R/A				BCIN# 19669		
4207 LOT 113		3549 sqft		FAN SPEED	1575 cfm @ 0.6" w.c.	LO#				86234



I MICHAEL O'ROURKE HAVE REVIEWED AND TAKE RESPONSIBILITY FOR THE DESIGN WORK AND AM QUALIFIED UNDER DIVISION C.3.2.5 OF THE BUILDING CODE.

Michael O'Rourke
Michael O'Rourke, BCIN# 19669
HVAC DESIGNS LTD.

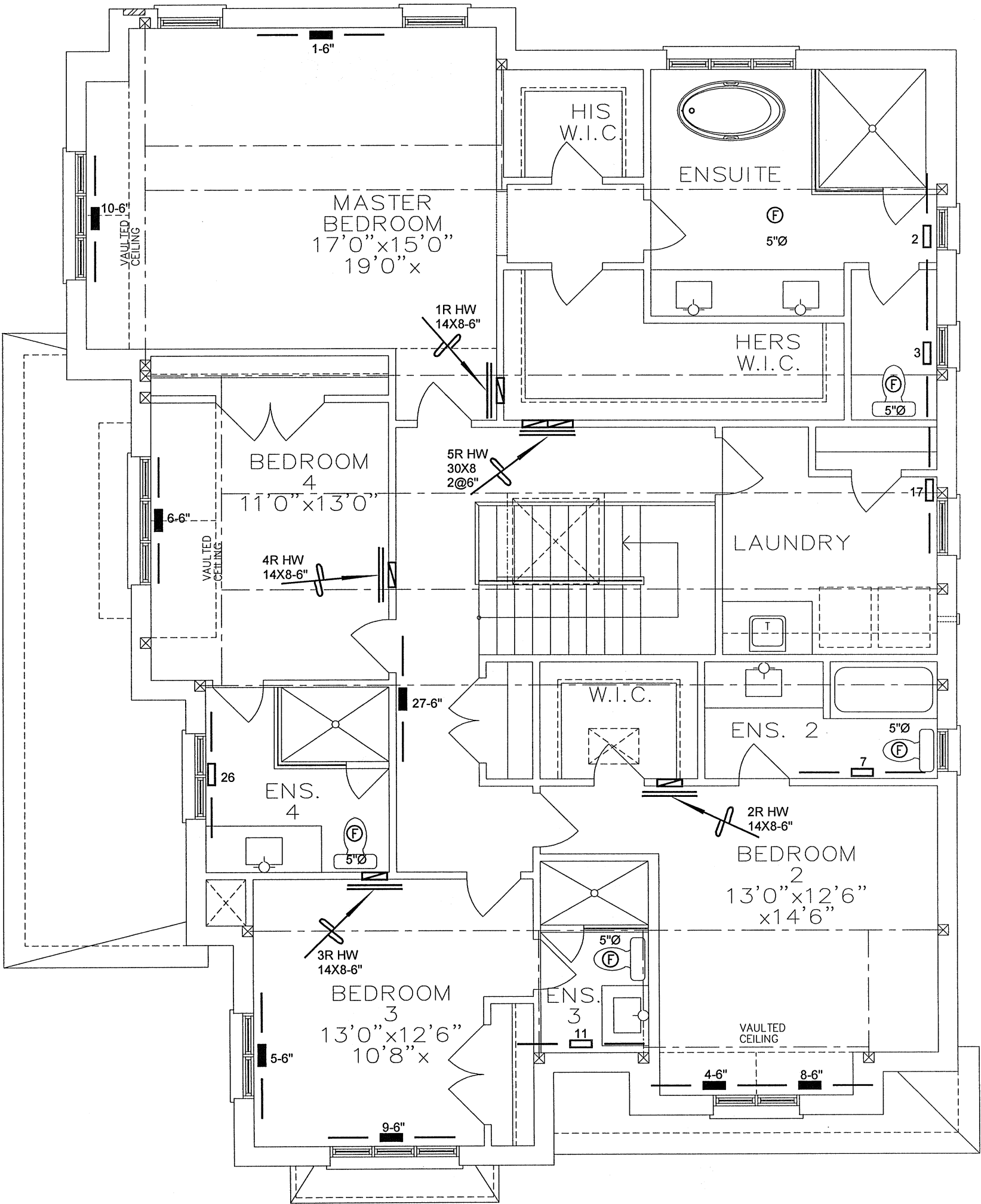
CSA-F280-12

PACKAGE A1

HVAC LEGEND							3.		
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	SUPPLY AIR GRILLE 6" BOOT		SUPPLY AIR STACK FROM 2nd FLOOR		30"x8" RETURN AIR GRILLE		RETURN AIR STACK 2nd FLOOR	No.	Description Date
	SUPPLY AIR BOOT ABOVE		6" SUPPLY AIR STACK 2nd FLOOR		FRA- FLOOR RETURN AIR GRILLE		REDUCER	REVISIONS	

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Client		 375 Finley Ave. Suite 202 - Ajax, Ontario L1S 2E2 Tel. 905.619.2300 - 905.420.5300 Fax 905.619.2375 Email: info@hvacdesigns.ca Web: www.hvacdesigns.ca Specializing in Residential Mechanical Design Services Installation to comply with the latest Ontario Building Code. All supply branch outlets shall be equipped with a manual balancing damper. Ductwork which passes through the garage or unheated spaces shall be adequately insulated and be gas-proofed.	Sheet Title	
GOLDPARK HOMES			FIRST FLOOR HEATING LAYOUT	
Project Name			Date	JUNE/2020
PINE VALLEY VAUGHAN, ONTARIO			Scale	3/16" = 1'-0"
4207 LOT 113 3549 sqft		BCIN# 19669		
		LO#	86234	



I MICHAEL O'ROURKE HAVE REVIEWED AND TAKE RESPONSIBILITY FOR THE DESIGN WORK AND AM QUALIFIED UNDER DIVISION C, 3.2.5 OF THE BUILDING CODE.

Michael O'Rourke
Michael O'Rourke, BCIN# 19669
HVAC DESIGNS LTD.

CSA-F280-12
PACKAGE A1

HVAC LEGEND								3.		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	2.		
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Project Name			SECOND FLOOR HEATING LAYOUT	
GOLDPARK HOMES			Date	JUNE/2020
PINE VALLEY VAUGHAN, ONTARIO			Scale	3/16" = 1'-0"
4207 LOT 113		3549 sqft	BCIN# 19669	
			LO#	86234