

SITE NAME:									LOT 15										May-17	,							ANGERATE 0.307				ΔT°F.			CSA-F	
BUILDER:	~~~~~~~	NPARK	HOME	ES				TYPE:	JUNIPI	ER8				GFA:	3138			LO#	74018		,			R NA 1	URAL	AIR CH	ANGERATE 0.106				ΔT°F.	14		ENERGY	YSTAR
ROOM USE	1	- 1		MBR	- 1		ENS			WIC	- 1	1	BED-2			BED-	3		BED-4			BATH	ı						ENS-	2					- 1
EXP. WALL	-	- 1		38	- 1		22			8	- 1		12			15			15			23							7		į .				- 1
CLG. HT.		- 1		10	1		9			9	- 1		9			10			9			8							9		1				- 1
	FACTO	ORS			- 1													l																	- 1
GR S. WALL AREA	LOSS	GAIN		380	[198			72			108			150			144			207							53						- 1
GLAZING	:	- 1		LOSS	GAIN		LOSS	GAIN		LOSS (GAIN		LOSS	GAIN		LOSS	GAIN		LOSS	GAIN		LOSS	GAIN						LOSS	GAIN					
NORTH	17.9	15.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	268	238	0	0	0					8	143	127	1				- 1
EAST	17.9	41.4	0	0	0	0	0	0	0	0	0	0	0	0	38	878	1674	0	0	0	18	286	683					0	0	0					
SOUTH	17.9	24.8	0	0	0	9	161	223	0	0	0	18	321	446	6	89	124	0	0	0	0	0	0					0	0	0			1		
WEST	17.9	41.4	34	507	1408	13	232	538	7	125	280	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	1				- 1
SKYLT.	30.5	101.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0					- 1
DOORS	ı	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0					
NET EXPOSEO WALL	2.5	0.5	346	905	175	176	461	89	66	170	33	90	235	46	107	280	54	129	338	85	191	500	97					65	144	28					- 1
NET EXPOSED BSMT WALL ABOVE GR		0.5	0	0	0	0	0	0	0	0	o l	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	1				- 1
EXPOSEO CLG		0.7	320	441	219	117	181	80	104	143	71	204	281	140	188	231	115	210	289	144	118	164	82	1				125	174	86					
NO ATTIC EXPOSEO CLG		1.1	0	0	0	0	0	0	0	0	0	0	0	0	35	81	40	0	0	0	0	0	0					0	0	0	1				
EXPOSEO FLOOR	1	0.4	0	ō	0	0	0	0	0	0	0	0	Ô	اه	156			0	0	0	105	230	45					0	0	0					
BASEMENT/CRAWL HEAT LOSS		0.4	•	ñ	1	•	ō	- 1	•	ō	1	•	0	٠ ا		0			0	-		0						_	ō						- 1
SLAB ON GRADE HEAT LOSS				0	- 1		n	- 1		0			0			0		1	0			0							0		1				- 1
SUBTOTAL HT LOSS				1853			1014			438			838	1		1702	,		895		1	1180		l					480		1		1		- 1
SUB TOTAL HT GAIN	1				1803		1014	931			394		330	631		11 02	1973	1	uau	447		1100	885	1						241					- 1
LEVEL FACTOR / MULTIPLIER	1		0.00		1503		0.38	931	0.20	0.38	394	0.20	0.38	631	0.00	0.38		0.20	0.38	441	0.20	0.38	000					0.20	U 30	241	1		1		- 1
1	1		0.20			0.20	385		0.20	187	- 1	0.20	318	- 1	0.20	647		0.20	340		0.20	448		l				0.20	175		1		1		- 1
AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN				742	454		300	70		107	22		310	E2		047	400	İ	540	27		440	74						""	20	1		1		
1	1				151		_	78			33			53		025	165	l		37	1	402	74	1					0	20	1		1		
OUCTLOSS]			U	.		0	ا ،		0	ا ؞		0			235	005		0	0		163	442						U	0	1				- 1
DUCT GAIN	<u>"</u>		_		0			0	_		0			- 1			285	١,		-	١.		143 0	1			l	_		0			1		- 1
HEAT GAIN PEOPLE	240		2		480	0		0	0		0	1		240	1		240	1		240	١ '		-					۳		-	1		1		- 1
HEAT GAIN APPLIANCES/LIGHTS					471			471			0	İ		471			471			471			471							471			1		-
TOTAL HT LOSS BTU/H	4			2695	- 1		1400	- 1		605	- 1		1156			2583	i		1235		1	1791		l			l		635						
	•1	- 1															****			4550	1		0015	:			I								
TOTAL HT GAIN x 1.3 BTUIH	<u>I</u>	i			3778			1823			655			1813			4075	<u> </u>		1553	L		2045	<u> </u>			l	L		951					
	<u> </u>				3778			1823			555			1813		1 610		l		1553	l	EOV	2045	L	MILO		I	L		951	1		<u> </u>	RAS	
ROOM USE				LV/DN	3778		OFF	1823		KT/FM	555			1813		LAUI		<u> </u>	****	1553		FOY	2045	<u> </u>	MUO			<u> </u>		951			l I	BAS	
ROOM USE				LV/DN 26	3778		OFF 22	1823		KT/FM 74	555			1813		0				1553		98	2045		8			<u> </u>		951				182	
ROOM USE) Dec		LV/DN	3778		OFF	1823		KT/FM	555			1813						1553			2045			:				951					
ROOM USE EXP. WALL CLG. HT.	FACTO			LV/DN 26 10	3778		OFF 22 11	1823		KT/FM 74 10	555			1813		9				1553		98 10	2045		8 11	:				951				182 10	
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA	FACTO			LV/DN 26 10 260			OFF 22 11			KT/FM 74 10 740				1813		0 9 0	4			1553		98 10 880			8 11 88					951				182 10 1183	GAIN
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING	FACTO	GAIN		LV/DN 26 10 260 LOSS	GAIN		OFF 22 11 242 LOSS	GAIN		KT/FM 74 10 740 LOSS	GAIN			1813		0 9 0 LOS	N S GAIN			1553	12	98 10 880 LOSS	GAIN		8 11 88 LOSS	GAIN				951			9	182 10 1183 LOSS	GAIN 143
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH	FACTO LOSS	GAIN 18.8	38	LV/DN 26 10 260 LOSS 678	GAIN 602	0	OFF 22 11 242 LOSS 0	GAIN 0	0	KT/FM 74 10 740 LOSS	GAIN 0			1813	0	0 9 0 LOS:	N S GAIN O			1553	12	98 10 880 LOSS 214	GAIN 190	0	8 11 88 LOSS 0	GAIN				951			9	182 10 1183 LOSS 161	143
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST	FACTO LOSS 17.9	GAIN 18.8 41.4	38 0	LV/DN 26 10 260 LOSS 678 0	GAIN 602 0	0	OFF 22 11 242 LOSS 0	GAIN 0 0	0	74 10 740 10 10 0 0	GAIN 0 0		, .	1813	0	0 9 0 LOSS	S GAIN O O			1553	74	98 10 880 LOSS 214 1321	GAIN 190 3065		8 11 88 LOSS 0	GAIN 0 0						II TON	0	182 10 1183 LOSS 161 0	143 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH	FACTO LOSS 17.9 17.8 17.9	9 18.8 41.4 24.8	38 0 0	LV/DN 26 10 260 LOSS 678 0	GAIN 602 0	0 18	OFF 22 11 242 LOSS 0 0 321	GAIN 0 0 445	0	740 100 0 0	GAIN 0 0			1813	0 0	0 9 0 LOS: 0 0	S GAIN O O			1553	i	98 10 880 LOSS 214 1321 500	GAIN 190 3065 593	0 0	8 11 88 LOSS 0 0	GAIN 0 0 0				VN (OF M	ILTON	0	182 10 1183 LOSS 161 0	143 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH	FACTO LOSS 17.9 17.8 17.9 17.9	GAIN 18.8 41.4 24.8 41.4	38 0 0	LV/DN 26 10 260 LOSS 678 0 0	GAIN 602 0 0	0 18 0	OFF 22 11 242 LOSS 0 0 321	GAIN 0 0 445 0	0 0 0 103	KT/FM 74 10 740 LOSS 0 0 0	GAIN 0 0 0 4266			1813	0 0 0	0 9 0 LOSS 0 0	S GAIN 0 0 0			1553	74 28 0	98 10 880 LOSS 214 1321 500	GAIN 190 3065 593 0	0 0 0	8 11 88 LOSS 0 0 0	GAIN 0 0 0		NING	AN 6	VN (OF M	PMENT	0 0	182 10 1183 LOSS 161 0	143 0 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT.	FACTO LOSS 17.9 17.8 17.9 17.9 30.6	9 18.8 41.4 24.8 41.4 101.2	38 0 0 0	LV/DN 26 10 260 LOSS 678 0 0	GAIN 602 0 0	0 18 0 0	OFF 22 11 242 LOSS 0 0 321 0	GAIN 0 0 445 0	0 0 0 103	KT/FM 74 10 740 LOSS 0 0 0 0	GAIN 0 0 0 4266		, ,	1813	0 0 0 0	0 9 0 LOS: 0 0 0	S GAIN 0 0 0 0			1663	74 28 0 0	98 10 890 LOSS 214 1321 500 0	GAIN 190 3065 593 0	0 0 0 0 0	8 11 88 LOSS 0 0 0	GAIN 0 0 0 0		NING	AN 6	VN (OF M		0 0 0	182 10 1183 LOSS 161 0 0	143 0 0 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1	18.8 41.4 24.8 41.4 101.2	38 0 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 0 0	GAIN 602 0 0 0	0 18 0 0	OFF 22 11 242 LOSS 0 0 321 0 0	GAIN 0 0 445 0 0	0 0 0 103 0	740 100 740 LOSS 0 0 0 1839	GAIN 0 0 0 4256 0			1813	0	0 9 0 LOS: 0 0 0	S GAIN 0 0 0 0 0			1663	74 28 0 0 20	98 10 880 LOSS 214 1321 500 0 0	GAIN 190 3065 593 0 0	0 0 0 0 0	8 11 88 LOSS 0 0 0 0	GAIN 0 0 0 0 0		NING JILDI	AN ING	VN (D DE PERI	OF M	PMENT	0 0 0 0 20	182 10 1183 LOSS 161 0 0 0	143 0 0 0 0 0 93
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1	18.8 41.4 24.8 41.4 101.2 4.7 0.5	38 0 0 0 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 0 581	GAIN 602 0 0 0 0	0 18 0 0 0 224	OFF 22 11 242 LOSS 0 0 321 0 0 688	GAIN 0 0 445 0 0 0	0 0 0 103 0 0 837	740 100 740 LOSS 0 0 0 1839 0 0	GAIN 0 0 0 4266 0 0 322			1813	0	0 9 0 LOSS 0 0 0 0	S GAIN 0 0 0 0 0			1663	74 28 0 0 20 848	98 10 890 LOSS 214 1321 500 0 0 481 2214	GAIN 190 3065 593 0 0 93 428	0 0 0 0 0 20 68	8 11 88 LOSS 0 0 0 0 481 178	GAIN 0 0 0 0 0 93 34	MILIUN BI	NING JILDI EVIE	AN ING WE	VN (D DE PERI	OF M	PMENT	0 0 0 0 20	182 10 1183 LOSS 161 0 0 0 481	143 0 0 0 0 0 93
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO WALL	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1 2.8 3.3	18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5	38 0 0 0 0 0 2222	LV/IDN 26 10 260 LOSS 678 0 0 0 0 581	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224	OFF 22 11 242 LOSS 0 0 321 0 0 588 0	GAIN 0 0 445 0 0 0 113	0 0 0 103 0 0 837	740 10 740 LOSS 0 0 0 1839 0 0 1667	GAIN 0 0 0 4266 0 0 322			1813	0	0 9 0 LOS: 0 0 0 0 0	S GAIN 0 0 0 0 0			1663	74 28 0 0 20 848 0	98 10 890 LOSS 214 1321 500 0 0 481 2214	GAIN 190 3065 593 0 0 93 428	0 0 0 0 20 68	8 11 88 LOSS 0 0 0 0 0 481 178 0	GAIN 0 0 0 0 0 93 34	BUILDING: F	NING JILDI EVIE RRIF	AN ING WE	VN (D DE PERI	OF M	PMENT 7-7102	0 0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL HET EXPOSEO BSMT WALL ABOVE OR EXPOSED CLG	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1 2.8 3.3 1.4	18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7	38 0 0 0 0 0 222 0	LV/IDN 26 10 260 LOSS 678 0 0 0 0 581 0	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 588 0	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5	740 10 740 LOSS 0 0 0 1839 0 0 1667	GAIN 0 0 0 4266 0 0 322			1813	0 0 0 134	0 9 0 LOSS 0 0 0 0 0 0 0	S GAIN 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206	98 10 880 LOSS 214 1321 500 0 0 481 2214 0 284	GAIN 190 3065 593 0 0 93 428 0	0 0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 0 481 178 0	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE	NING JILDI EVIE RRIF	AN ING EWE FS	VN (D DE PERI D	OF M EVELO MIT: 1	DPMENT 7-7102 12, 2017 DATE	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0 1823 0	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSED BIMT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSEO CLG	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1 2.8 3.3 1.4 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 581 0 0 0	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 588 0 0	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5	KT/FM 74 10 740 LOSS 0 0 1839 0 0 1667 0 8	GAIN 0 0 4265 0 0 322 0 4			1813	0 0 0 134 0	0 9 0 LOSS 0 0 0 0 0 0 0 0	S GAIN 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206 24	98 10 880 LOSS 214 1321 500 0 0 481 2214 0 284 64	GAIN 190 3065 593 0 93 428 0 141 27	0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 0 481 178 0	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE PLANS EXAMINE	NING JILDI EVIE RRIF R	AN ING EWE FS	VN (D DE PERI D	OF MEVELO	DPMENT 7-7102 12, 2017 DATE out of	0 0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0 1823 0	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO BANT WALL ABOVE OR EXPOSEO LG NO ATTIC EXPOSEO CLG EXPOSEO FLOOR	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1 2.8 3.3 1.4 2.2	18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7	38 0 0 0 0 0 222 0	LV/IDN 26 10 260 LOSS 678 0 0 0 0 581 0	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 588 0	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5	740 10 740 LOSS 0 0 0 1839 0 0 1667	GAIN 0 0 0 4266 0 0 322			1813	0 0 0 134	0 9 0 LOSS 0 0 0 0 0 0 0	S GAIN 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206	98 10 880 LOSS 214 1321 500 0 0 481 2214 0 284 64	GAIN 190 3065 593 0 0 93 428 0	0 0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 481 178 0 0	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility f	NING JILDI EVIE RRIF R Ice of a Town or com	E AN ING EWE FS a perm of Mili	VN CD DE PERI	OF MEVELO MIT: 1	DPMENT 7-7102 12, 2017 DATE out of owner from risions of	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 481 0 1823 0	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS	FACTO LOSS 17.9 17.8 17.9 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 581 0 0 0	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 0 0 0	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5	KT/FM 74 10 740 LOSS 0 0 0 1839 0 1657 0 8 0 0	GAIN 0 0 4265 0 0 322 0 4			1813	0 0 0 134 0	0 9 0 LOSS 0 0 0 0 0 0 185 0 143	S GAIN 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206 24	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 64 0	GAIN 190 3065 593 0 93 428 0 141 27	0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 481 178 0 0	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility if the Ontario Buildi	NING JILDI EVIE RRIF ER Ice of a Town or coming Cod	EWE FS a perm of Mili apliance	VN CD DE PERID	DF MEVELOMIT: 1	DPMENT 7-7102 12, 2017 DATE out of owner from risions of be Building	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0 1823 0	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS	FACTO LOSS 17.9 17.8 17.9 30.6 24.1 24.1 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 581 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 0 0 0 0 0 0 0 0	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5	KT/FM 74 10 740 LOSS 0 0 0 1839 0 1667 0 8 0 0 0	GAIN 0 0 4265 0 0 322 0 4			1813	0 0 0 134 0	0 9 0 LOSS 0 0 0 0 0 0 135 0 143 0	S GAIN 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206 24	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0	GAIN 190 3065 593 0 93 428 0 141 27	0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 481 178 0 0 0	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility I the Ontario Buildi Code, both as am	NING JILDI EVIE RRIF ER Ice of a Town or coming Cod ended,	E AN ING EWE FS a perm of Mili apliance le Act , as we	VN (DDEPERIOR) D it nor coon relitions relitions and the	JUN carrying of the prove the ontariother approximately and the contariother approximately and the contariother approximately and the contariother approximately approxim	DPMENT 7-7102 12, 2017 DATE out of owner from visions of o Building blicable	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0 1823 0 0 0 5215	143 0 0 0 0 93 0 352
ROOM USE EXP. WALL CLG, HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL HET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED CLG SLAB ON GRADE HEAT LOSS SLAB ON GRADE HEAT LOSS	FACTO LOSS 17.9 17.8 17.9 30.6 24.1 24.1 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0	LV/DN 26 10 260 LOSS 678 0 0 0 581 0 0 0	GAIN 602 0 0 0 0 0 112 0 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 0 0 0	GAIN 0 445 0 0 113 0 0	0 0 0 103 0 0 837 0 5	KT/FM 74 10 740 LOSS 0 0 0 1839 0 0 1667 0 8 0 0 0 3514	GAIN 0 0 4265 0 322 0 4			1813	0 0 0 134 0	0 9 0 LOSS 0 0 0 0 0 0 185 0 143	S GAIN 0 0 0 0 0 0 0 0 0 0 2 2 2 2			1663	74 28 0 0 20 848 0 206 24	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 64 0	GAIN 190 3065 593 0 0 93 428 0 141 27	0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 481 178 0 0	GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility if the Ontario Buildi	RRIF RCE of a Town or coming Codended, ations	E AN ING EWE FS a perm of Mili ipliance le Act , as we of the	VN (DD DEPERION DD	JUN carrying a true the prove on the prove on co	DPMENT 7-7102 12, 2017 DATE out of owner from risions of o building olicable intario,	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 481 0 1823 0	143 0 0 0 0 93 0 352 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO WALL EXPOSEO LG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS	FACTO LOSS 17.9 17.8 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 581 0 0 0 1259	GAIN 602 0 0 0 0 112 0	0 18 0 0 0 224 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 0 907	GAIN 0 0 445 0 0 113 0	0 0 0 103 0 0 837 0 5 0	KT/FM 74 10 740 LOSS 0 0 1839 0 1657 0 8 0 0 3514	GAIN 0 0 4265 0 0 322 0 4			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 0 143 0 0 327	S GAIN 0 0 0 0 0 0 0 0 0 92 0 28			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 93 428 0 141 27	0 0 0 0 0 20 68 0 0	8 11 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 93 34 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	E AN ING EWE FS a perm of Mili ipliance le Act , as we of the	VN (DD DEPERION DD	JUN carrying a true the prove on the prove on co	DPMENT 7-7102 12, 2017 DATE out of owner from risions of o building olicable intario,	0 0 0 20 0 546 0	182 10 1183 LOSS 161 0 0 0 481 0 1823 0 0 0 5215	143 0 0 0 0 93 0 352 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL HET EXPOSEO BANT WALL ABOVE GR EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GASIN LEVEL FACTOR / MULTIPLIER	FACTO LOSS 17.9 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 581 0 0 0 1259 0.44	GAIN 602 0 0 0 0 0 112 0 0	0 18 0 0 0 224 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 907	GAIN 0 445 0 0 113 0 0	0 0 0 103 0 0 837 0 5 0	740 10 740 LOSS 0 0 0 1839 0 0 1667 0 0 0 3514	GAIN 0 0 4265 0 322 0 4			1813	0 0 0 134 0	0 9 0 LOSS 0 0 0 0 0 0 0 135 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S GAIN 0 0 0 0 0 0 0 0 0 92 0 28			1663	74 28 0 0 20 848 0 206 24	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 0 93 428 0 141 27	0 0 0 0 20 68 0	8 11 88 LOSS 0 0 0 0 0 0 481 178 0 0 0 0 559 0.44	GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	E AN ING EWE FS a perm of Miliapliance le Act , as we of the Halto	VN (D DE PERI D D D D D D D D D D D D D D D D D D D	JUN	DPMENT 7-7102 12, 2017 DATE out of owner from visions of o Building olicable intario, Milton	0 0 0 20 0 546	182 10 1183 LOSS 161 0 0 0 481 0 1823 0 0 0 5215	143 0 0 0 0 93 0 352 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO CLG EXPOSEO CLG NO ATTIC EXPOSEO CLG EXPOSEO FLOOM BASEMENT/CRAWL HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIN LEVEL FACTOR' MULTIPLIER AIR CHANGE HEAT LOSS	FACTV LOSS 17.9 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 581 0 0 0 1259	GAIN 602 0 0 0 0 112 0 0	0 18 0 0 0 224 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 0 907	GAIN 0 0 445 0 0 113 0 0	0 0 0 103 0 0 837 0 5 0	KTIFM 74 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 0 4266 0 0 322 0 4 0			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 0 143 0 0 327	S GAIN 0 0 0 0 0 0 0 2 2 2 3			1553	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0	8 11 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 93 34 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	G AN ING EWE FS a perm of Milipliance Act, as we of the Halto	VN (DD DE PERI DD DD DD DD DD DD DD DD DD DD DD DD DD	JUN JUN JUN The province on Oftown of	DPMENT 7-7102 12, 2017 DATE out of owner from risions of o Building olicable ntario, Milton	0 0 0 20 0 546 0	182 10 1183 LOSS 161 0 0 0 481 0 1823 0 0 0 5215	143 0 0 0 0 93 0 352 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO WALL NET EXPOSEO CLG EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT LOSS	FACTO LOSS 17.9 17.8 17.9 17.9 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 0 0 5811 0 0 0 1259 0.44 654	GAIN 602 0 0 0 0 0 112 0 0	0 18 0 0 0 224 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 0 688 0 0 0 0 907	GAIN 0 445 0 0 113 0 0	0 0 0 103 0 0 837 0 5 0	KTIFM 74 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 4265 0 322 0 4			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 143 0 0 0 327 0.38 124	S GAIN 0 0 0 0 0 0 0 0 0 92 0 28			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 0 93 428 0 141 27	0 0 0 0 0 20 68 0 0	8 111 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	G AN ING EWE FS a perm of Milipliance Act, as we of the Halto	VN (DD DE PERI DD DD DD DD DD DD DD DD DD DD DD DD DD	JUN	DPMENT 7-7102 12, 2017 DATE out of owner from risions of o Building olicable ntario, Milton	0 0 0 20 0 546 0	182 10 1183 LOSS 161 0 0 481 0 1823 0 0 5215 8579	143 0 0 0 0 93 0 352 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO WALL NET EXPOSEO BAST WALL ABOVE GR EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT CASN SUBTOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT GASS AIR CHANGE HEAT GAIN OUCT LOSS	FACTIC LOSS 17.9 17.8 17.9 30.6 24.1 2.8 3.1 3.1 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 581 0 0 0 1259 0.44	GAIN 602 0 0 0 0 112 0 0	0 18 0 0 0 224 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 907	GAIN 0 0 445 0 0 113 0 0	0 0 0 103 0 0 837 0 5 0	KTIFM 74 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 0 4266 0 0 322 0 4 0			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 135 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S GAIN 0 0 0 0 0 0 0 0 0 28			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0	8 11 88 LOSS 0 0 0 0 0 0 481 178 0 0 0 0 559 0.44	GAIN 0 0 0 0 0 0 93 34 0 0 0 0 127	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	G AN ING EWE FS a perm of Milipliance of the Halto F TO	VN (D DE PERID D Toton reliable with and the lell as o Proving n and TRECONN (CONTROL OF THE PERIOD	JUN JUN JUN JUN JUN JUN JUN JUN JUN JUN	PPMENT 7-7102 12, 2017 DATE out of owner from risions of o Building licable ntario, Milton	0 0 0 20 0 546 0	182 10 1183 LOSS 161 0 0 0 481 0 1823 0 0 0 5215	143 0 0 0 93 0 352 0 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO WALL NET EXPOSEO BSNIT WALL ABOVE GR EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SLAB ON GRADE HEAT LOSS SUB TOTAL HT GAIN LEVEL FACTOR! MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN OUCT LOSS DUCT GAIN	FACTO LOSS 17.9 17.8 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 0 0 5811 0 0 0 1259 0.44 654	GAIN 602 0 0 0 112 0 0 0 714 50 0	0 18 0 0 0 224 0 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 0 688 0 0 0 0 907	GAIN 0 0 445 0 0 113 0 0 0 559	0 0 0 103 0 0 837 0 5 0	KTIFM 74 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 0 4265 0 0 322 0 4 0 0			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 143 0 0 0 327 0.38 124	S GAIN 0 0 0 0 0 0 0 0 0 0 28			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 693 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0 0	8 111 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	G AN ING EWE FS a perm of Milipliance of the Halto F TO	D DEPEND D DEPEND D DEPEND D DEPENDENCE OF THE D	JUN JUN JUN JUN JUN JUN JUN JUN JUN JUN	PPMENT 7-7102 12, 2017 DATE out of owner from isions of o Building ilicable ntario, Milton	0 0 0 20 0 546 0 0	182 10 1183 LOSS 161 0 0 481 0 1823 0 0 5215 8579	143 0 0 0 93 0 352 0 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO USE EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN OUCT LOSS DUCT GAIN HEAT GAIN PEOPLE	FACTIC LOSS 17.9 17.8 30.6 6 24.1 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 0 0 5811 0 0 0 1259 0.44 654	GAIN 802 0 0 0 0 112 0 0 0 714	0 18 0 0 0 224 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 0 688 0 0 0 0 907	GAIN 0 0 445 0 0 0 1113 0 0 0 0	0 0 0 103 0 0 837 0 5 0	KTIFM 74 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 4265 0 0 322 0 4 0 0			1813	0 0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 143 0 0 0 327 0.38 124	N S GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 593 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0	8 111 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 0 93 34 0 0 0 0 127 11 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	RRIF RCE of a Town or coming Codended, ations	G AN ING EWE FS a perm of Milipliance of the Halto F TO	D DEPEND D DEPEND D DEPEND D DEPENDENCE OF THE D	JUN JUN JUN JUN JUN JUN JUN JUN JUN JUN	PPMENT 7-7102 12, 2017 DATE out of owner from isions of o Building ilicable ntario, Milton	0 0 0 20 0 546 0	182 10 1183 LOSS 161 0 0 481 0 1823 0 0 5215 8579	143 0 0 0 93 0 352 0 0 0
ROOM USE EXP. WALL CLG, HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED WALL NET EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED CLG EXPOSED TOOR SLAB ON GRADE HEAT LOSS SUB TOTAL HT LOSS SUB TOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT LOSS DUCT GAIN HEAT GAIN APPLIANCES/LIGHTS	FACTIC LOSS 17.9 17.8 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0 0	LV/IDN 26 10 10 LOSS 678 0 0 0 581 0 0 0 1259 0.44 554 0	GAIN 602 0 0 0 112 0 0 0 714 50 0	0 18 0 0 0 224 0 0 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 688 0 0 0 907	GAIN 0 0 445 0 0 113 0 0 0 559	0 0 0 103 0 0 837 0 5 0	KTIFM 744 10 740 LOSS 0 0 0 1839 0 0 1667 0 0 3514 0 44 1546 0	GAIN 0 0 0 4265 0 0 322 0 4 0 0			1813	0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 0 0 143 0 0 327 0.38	S GAIN 0 0 0 0 0 0 0 0 0 0 28			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 0 284 64 0 0 0 0 0 0 0 0 0 284 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GAIN 190 3065 693 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0 0	8 111 88 LOSS 0 0 0 0 481 178 0 0 0 0 559	GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	NING JILDI EVIE RRIF ER Town or coming Cod ended, ations gion of	G AN ING EWE FS a perm of Milly pliantogle Act as we of the Halto	D DEPEND D DEPENDENT OF THE PROPERTY OF THE PR	JUN : JUN : Searrying : Sear	DPMENT 7-7102 12, 2017 DATE out of owner from risions of o Building olicable ntario, Milton ED LTON 017	0 0 0 20 0 546 0 0	182 10 1183 LOSS 161 0 0 0 481 0 0 0 5215 8579 0.98 8366	143 0 0 0 93 0 352 0 0 0
ROOM USE EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSEO WALL NET EXPOSEO USE EXPOSEO CLG EXPOSEO CLG EXPOSEO FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN OUCT LOSS DUCT GAIN HEAT GAIN PEOPLE	FACTIC LOSS 17.9 17.8 17.9 30.6 24.1 2.8 3.3 1.4 2.2 2.2	GAIN 18.8 41.4 24.8 41.4 101.2 4.7 0.5 0.5 0.7 1.1	38 0 0 0 0 0 2222 0 0 0	LV/IDN 26 10 260 LOSS 678 0 0 0 581 0 0 0 1259 0.444 554 0	GAIN 802 0 0 0 0 112 0 0 0 714	0 18 0 0 0 224 0 0 0 0	OFF 22 11 242 LOSS 0 0 321 0 0 588 0 0 0 0 907 0.44 399 0	GAIN 0 0 445 0 0 0 1113 0 0 0 0	0 0 0 103 0 0 837 0 5 0	KTIFM 744 10 10 10 10 10 10 10 10 10 10 10 10 10	GAIN 0 0 4265 0 0 322 0 4 0 0			1813	0 0 134 0 55	0 9 0 LOSS 0 0 0 0 0 0 0 185 0 143 0 0 0 327 0.38 124	N S GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1663	74 28 0 0 20 848 0 206 24 0	98 10 880 LOSS 214 1321 500 0 481 2214 0 284 54 0 0 5057	GAIN 190 3065 693 0 0 93 428 0 141 27 0	0 0 0 0 0 20 68 0 0 0	8 111 88 LOSS 0 0 0 0 0 481 178 0 0 0 0 0 559	GAIN 0 0 0 0 0 0 93 34 0 0 0 0 127 11 0 0 0	BUILDING: F SCOTT SHE PLANS EXAMINE Neither the issuar inspections by the full responsibility the Ontario Buildi Code, both as am statutes and regu	NING JILDI EVIE RRIF ER Town or coming Cod ended, ations gion of	G AN ING EWE FS a perm of Milly pliantogle Act as we of the Halto	D DEPEND D DEPENDENT OF THE PROPERTY OF THE PR	JUN : JUN : Searrying : Sear	PPMENT 7-7102 12, 2017 DATE out of owner from isions of o Building ilicable ntario, Milton	0 0 0 20 0 546 0 0	182 10 1183 LOSS 161 0 0 481 0 1823 0 0 5215 8579	143 0 0 0 93 0 352 0 0 0

TOTAL HEAT GAIN BTU/H:

35258

TONS: 3.02

LOSS DUE TO VENTILATION LOAD BTU/H: 2354

STRUCTURAL HEAT LOSS: 46058

TOTAL COMBINEO HEAT LOSS BTUIH: 48422

Mehan Offine individual BCIN: 1969



		LECCO F		MES					LOT 150 JUNIPER	6			DATE:	May-17			GFA:	3138	LO#	74018				
HEATING CFM TOTAL HEAT LOSS AIR FLOW RATE CFM		Al	TOTAL H	LING CFM EAT GAIN RATE CFM	35,803		а	furr a/c coil vailable :	pressure nace filter pressure pressure s/a & r/a	0.6 0.05 0.2 0.35							AMEC9600 FAN	603BNA SPEED LOW				AFUE = (BTU/H) = (BTU/H) =	60.000	
RUN COUNT	4th	3rd	2nd	1st	Bas					0.18		-1-	pressure	0.17				EDLOW MEDIUM			OESI	GN CFM =	1131 6 " E.S.P.	
S/A R/A	0	0	11 4	8 2	1		max	s/a dif pr	ssure s/a ress. loss	0.02		grille pre	ss. Loss	0.02				M HIGH						
All S/A diffusers 4"x10" unit All S/A runs 5"Ø uniess note				ut.			min adju	isted pre	ssure s/a	0.16	adi	usted pre	ssure r/a	0.15				HIGH	1131	Т	EMPERAT	URE RISE	47	°F
RUN#	1	2	3	4	5	6	7	8	,	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
ROOM NAME RM LOSS MBH.	MBR 1.35	ENS 1.40	WIC 0.60	BED-2 1.16	BED-3 1.29	BED-4 1.23	BATH 1.79	BED-3 1.29		MBR 1.35	ENS-2 0.64	LV/DN 1.81	OFF 1.31	KT/FM 1.69	KT/FM 1.69	KT/FM 1.69	LAUN 0.50	MUD 0.95	FOY 3.65	FOY 3.65	BAS 4.26	BAS 4.26	BAS 4.26	BAS 4.26
CFM PER RUN HEAT	33	34	15	28	32	30	44	32		33	18	45	32	41	41	41	12	23	90	90	105	105	105	105
RM GAIN MBH. CFM PER RUN COOLING	1.89 6 0	1.92 61	0.56 18	1.81 57	2.04 64	1.55 49	2.05 65	2.04 64		1.89 60	0.95 30	1.62 51	1.40 44	2.36 75	2.36 75	2.36 75	0.86 27	0.79 25	3.27 103	3.27 103	0.21 7	0.21 7	0.21 7	0.21 7
ADJUSTED PRESSURE	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17		0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16
ACTUAL DUCT LGH.	41	50	44	42	52	52	53	56		34	20	8	35	45	28	34	38	24	29	29	32	23	14	25
EOUIVALENT LENGTH TOTAL EFFECTIVE LENGTH	120 161	180 230	140 184	160 202	150 202	170 222	180 233	160 218		180 214	190 210	120 128	120 155	120 165	120 148	150 184	160 198	110 134	120 149	120 149	140 172	130 153	130 144	120 145
ADJUSTED PRESSURE	0.11	0.07	0.09	0.09	0.09	0.08	0.07	0.08		0.08	0.08	0.13	0.11	0.1	0.12	0.09	0.09	0.13	0.11	0.11	0.09	0.11	0.11	0.11
ROUND DUCT SIZE HEATING VELOCITY (ft/min)	5 242	5 250	4 172	5 206	5 235	5 220	5 323	5 235		5 242	4 184	4 516	4 367	5 301	5 301∌⊲	5 301	4 138	4 264	6 459	6 459	6 535	6 535	6 535	6 535
COOLING VELOCITY (ft/min)	441	448	207	419	470	360	477	470		441	344	585	505	551	551	551	310	287	525	525	36	36	36	36
OUTLET GRILL SIZE TRUNK	3X10 C	3X10 C	3X10 C	3X10 B	3X10 A	3X10	3X10	3X10		3X10 B	3X10 B	3X10 B	3X10 B	3X10 C	3X10 C	3X10 C	3X10 A	3X10 B	4X10 A	4X10 A	4X10 C	4X10 C	4X10 B	4X10 A
IRUNA			<u> </u>	В	A	A	Α	а		<u> </u>	<u> </u>	B	B		ş te		^		A	^_	<u> </u>		D	
RUN# ROOM NAME															3cope									
RM LOSS MBH.															4									
CFM PER RUN HEAT															•									
RM GAIN MBH. CFM PER RUN COOLING																								
ADJUSTED PRESSURE																								
ACTUAL OUCT LGH. EOUIVALENT LENGTH																						REC	EIVED)
TOTAL EFFECTIVE LENGTH																					Т	OWN C		
ADJUSTED PRESSURE ROUND DUCT SIZE																								
ROUND DUCT SIZE																						MAY 3	30, 2017	,
HEATING VELOCITY (ft/min)																							30, 2017 7102	,
HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min)																						17-	7102	
HEATING VELOCITY (ft/min)																							7102	
HEAT ING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK																	RETURN A	NO TRUM	K SIZE			17-	7102	
HEATING VELOCITY (fl/min) COOLING VELOCITY (fl/min) OUTLET GRILL SIZE	TRUNK	STATIC	ROUND	RECT			VELOCITY			TRUNK	STATIC	ROUND	RECT			VELOCITY	RETURN A	TRUNK	STATIC	ROUND	B	17-	7102	VELOCITY
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE	CFM	PRESS.	DUCT	DUCT		9	(fVmin)		TRIBIN C	CFM	PRESS.	DUCT	DUCT	·	ρ.	(fl/min)		TRUNK CFM	STATIC PRESS.	DUCT	RECT DUCT	17- UILDING	7102 G DIVIS	VELOCITY (filmin)
HEAT ING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK	сғм 435	PRESS 0.07	DUCT 10,6	оист 14	x x	8 8			TRUNK G					x x	8 8		RETURN A	TRUNK	STATIC		B	17- UILDING	7102	VELOCITY
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C	435 717 415	0.07 0.07 0.07 0.07	10.6 12.8 10.4	оист 14 20 12	X X	8 8	(fl/min) 559 645 623		TRUNK H TRUNK I	0 0 0 0	9RESS. 0.00 0.00 0.00	0 0 0 0	0 0 0 0	x x x	8 8	(ft/min) 0 0 0	TRUNK O TRUNK P TRUNK Q	TRUNK CFM 0 0 0	STATIC PRESS. 0.06 0.06 0.06	0 0 0 0	RECT DUCT O O	X X X	7102 G DIVIS 8 8 8 8	VELOCITY (ft/min) 0 0 0
HEATING VELOCITY (flmin) COOLING VELOCITY (flmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK B TRUNK C TRUNK D	435 717 415 0	0.07 0.07 0.07 0.07 0.00	10.6 12.8 10.4 0	14 20 12 0	X X X	8	(fVmin) 559 645		TRUNK H	0 0	PRESS. 0.00 0.00	0 0 0	0 0 0	x x x	8	(ft/min) O O	TRUNK O	TRUNK CFM 0 0	PRESS. 0.06 0.06	0 0	RECT DUCT 0 0	X X X X	7102 G DIVIS 8 8	VELOCITY (filmin)
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C	435 717 415	0.07 0.07 0.07 0.07	10.6 12.8 10.4	оист 14 20 12	X X	8 8 8	(fl/min) 559 645 623 0		TRUNK H TRUNK I TRUNK J	0 0 0 0	9RESS. 0.00 0.00 0.00 0.00	0 0 0 0 0	0 0 0 0	x x x x x	8 8 8	(flámin) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T	TRUNK CFM 0 0 0 0 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06	0 0 0 0 0 0	RECT DUCT 0 0 0	X X X X X X	8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK A TRUNK C TRUNK C TRUNK C TRUNK E	435 717 415 0	PRESS. 0.07 0.07 0.07 0.00 0.00	10.6 12.8 10.4 0	14 20 12 0 0	x x x	8 8 8 8	(ft/min) 559 645 623 0		TRUNK H TRUNK I TRUNK J TRUNK K	0 0 0 0 0	9RESS. 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0	0 0 0 0 0	x x x	8 8 8	(flámin) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S	TRUNK CFM 0 0 0 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06	0 0 0 0 0	RECT DUCT O O O	X X X X X	8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK A TRUNK C TRUNK C TRUNK C TRUNK E	435 717 415 0 0 0	PRESS. 0.07 0.07 0.07 0.00 0.00 0.00	10.6 12.8 10.4 0 0	14 20 12 0 0 0	x x x x x	8 8 8 8 8	(fl/min) 559 645 623 0 0		TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L	O O O O O	PRESS, 0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0 0	0 0 0 0 0 0	x x x x	8 8 8 8	(flámin) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK T TRUNK U TRUNK V	TRUNK CFM 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17- UILDING	7102 G DIVIS 8 8 8 8 8 8 8	VELOCITY (#/min) 0 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK E TRUNK F	435 717 415 0 0 0	PRESS 0.07 0.07 0.07 0.00 0.00 0.00	10.6 12.8 10.4 0 0	14 20 12 0 0 0	x x x x x	8 8 8 8 8	(fl/min) 559 645 623 0 0	0	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L	O O O O	9RESS. 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0 0	0 0 0 0 0	x x x x x	8 8 8 8 8	(Rámin) 0 0 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK X	TRUNK CFM 0 0 0 0 0 0 0 0 0 976	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X X X X X X X	8 8 8 8 8 8	VELOCITY (#/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE	435 717 415 0 0 0 150 0.15	PRESS 0.07 0.07 0.07 0.00 0.00 0.00 2 0 150 0.15	10.6 12.8 10.4 0 0 0 0 140 0.15	14 20 12 0 0 0 0 0 85 0.15	x x x x x x 5 0 155 0.15	8 8 8 8 8 8 0 290 0.15	(N/min) 559 645 623 0 0 0	0 0.15	TRUNK H TRUNK J TRUNK K TRUNK L 0 0 0 0.15	O O O O O O O O O O O O O O O O O O O	PRESS. 0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	x x x x	8 8 8 8 8 0 0 0.15	(fl/min) 0 0 0 0 0 0 0	TRUNK O TRUNK Q TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK W TRUNK W TRUNK W TRUNK X TRUNK X TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 976 515 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 14.9 11.8	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK E TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL OUCT LGH.	435 717 415 0 0 0 150 0.15 36	0.07 0.07 0.07 0.00 0.00 0.00 0.00 2 0 150 0.15 46	10.6 12.8 10.4 0 0 0 140 0.15 55	14 20 12 0 0 0 0 0 4 0 85 0.15	x x x x x x 5 0 155 0.15 29	8 8 8 8 8 8 0 290 0.15 30	(N/min) 559 645 623 0 0 0	0 0.15 1	TRUNK H TRUNK J TRUNK K TRUNK L 0 0 0.15 1	O O O O O O O O O O O O O O O O O O O	0 0 0.15	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	x x x x x x	8 8 8 8 8 0 0.15	(Namin) 0 0 0 0 0 0 0 0 0 0 0 161 0.15	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK U TRUNK W TRUNK W TRUNK W	TRUNK CFM 0 0 0 0 0 0 0 0 976 515	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 0 14.9	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 676 579
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL OUCT LGH. EOUIVALENT LENGTH TOTAL EFFECTIVE LH	435 717 415 0 0 0 150 0.15	PRESS 0.07 0.07 0.07 0.00 0.00 0.00 2 0 150 0.15	10.6 12.8 10.4 0 0 0 0 140 0.15	14 20 12 0 0 0 0 0 85 0.15	x x x x x x 5 0 155 0.15	8 8 8 8 8 8 0 290 0.15	(N/min) 559 645 623 0 0 0	0 0.15	TRUNK H TRUNK J TRUNK K TRUNK L 0 0 0 0.15	O O O O O O O O O O O O O O O O O O O	PRESS. 0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	x x x x x 0 0 0.15 1	8 8 8 8 8 0 0 0.15	(fl/min) 0 0 0 0 0 0 0	TRUNK O TRUNK Q TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK W TRUNK W TRUNK W TRUNK X TRUNK X TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 976 515 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 14.9 11.8	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL OUCT LGH. EOUVALENT LENGTH TOTAL EFFECTIVE LH AOJUSTED PRESSURE	435 717 415 0 0 0 0 150 0.15 36 145 181 0.08	0.07 0.07 0.07 0.00 0.00 0.00 0.00 2 0 150 0.15 46 145 191 0.08	10.6 12.8 10.4 0 0 0 140 0.15 55 145 200 0.07	14 20 12 0 0 0 0 0 85 0.15 57 185 242 0.06	x x x x x x 5 0 155 0.15 29 150	8 8 8 8 8 8 8 0 290 0.15 30 170 200 0.07	(ft/min) 559 645 623 0 0 0 0 0.15 1 0 14.80	0 0.15 1	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O O O O O O O O O O O O O O O O O O O	0 0 0.15	0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1	x x x x x x	8 8 8 8 8 0 0 0.15 1 0 1 14.80	(Rimin) 0 0 0 0 0 0 0 0 0 0 8R 161 0.15 16 185 201 0.07	TRUNK O TRUNK Q TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK W TRUNK W TRUNK W TRUNK X TRUNK X TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 976 515 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 14.9 11.8	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HEATING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL OUCT LGH. EOUIVALENT LENGTH TOTAL EFFECTIVE LH	435 717 415 0 0 0 150 0.15 36 145 181	0.07 0.07 0.07 0.00 0.00 0.00 0.00 150 0.15 46 145 191	10.6 12.8 10.4 0 0 0 140 0.15 55 145 200	14 20 12 0 0 0 0 0 85 0.15 57 185 242	x x x x x 5 0 155 0.15 29 150 179	8 8 8 8 8 8 8 0 0.15 30 170 200	(ft/min) 559 645 623 0 0 0 0 0 0.15 1	0 0.15 1 0	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0.15 1 0 1	OFM O O O O O O O O O O O O O O O O O O	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.15 1 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	x x x x x 0 0 0.15 1	8 8 8 8 0 0.15 1	(thmin) 0 0 0 0 0 0 0 0 0 0 161 161 185 201	TRUNK O TRUNK Q TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK W TRUNK W TRUNK X TRUNK X TRUNK X TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 976 515 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 14.9 11.8	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HEAT ING VELOCITY (filmin) COOLING VELOCITY (filmin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK E TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL OUCT LGH. EOUIVALENT LENGTH TOTAL EFFECTIVE LH AOJUSTED PRESSURE ROUNO OUCT SIZE	435 717 415 0 0 0 150 0.15 36 145 181 0.08 6.9	0.07 0.07 0.07 0.00 0.00 0.00 0.00 2 0 150 0.15 46 145 191 0.08 6.9	10.6 12.8 10.4 0 0 0 140 0.15 55 145 200 0.07 6.9	14 20 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	x x x x x x 5 0 155 0.15 29 150 179 0.08 7	8 8 8 8 8 8 8 8 8 0 290 0.15 30 170 200 0.07 9.1	(ft/min) 559 645 623 0 0 0 0 0.15 1 0 14.80	0 0.15 1 0 1 14.80	TRUNK H TRUNK J TRUNK J TRUNK K TRUNK L 0 0 0 0.15 1 0 1 14.80 0	O O O O O O O O O O O O O O O O O O O	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	x x x x x x x 0 0 0.15 1 0 1 14.80	8 8 8 8 8 0 0 0.15 1 0 1 14.80	(R/min) 0 0 0 0 0 0 0 0 0 0 0 161 161 185 201 0.07 7.3	TRUNK O TRUNK Q TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK W TRUNK W TRUNK X TRUNK X TRUNK X TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 976 515 0	STATIC PRESS. 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	0 0 0 0 0 0 0 0 0 0 0 0 14.9 11.8	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



TYPE: SITE NAME:

JUNIPER 6

LECCO RIDGE

LO#

74018 LOT 150

RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

COMBUSTION APPLIANCES	9.32.3.1(1)	SUPPLEMENTAL VENTILATION	CAPACITY	9.32.3.5.
e)		Total Ventilation Capacity	201.4	cfm
b) Positive venting induced draft (except fireplaces)		Less Principal Ventil. Capacity	. 86	cfm
c) Natural draft, B-vent or induced draft gas fireplace		Required Supplemental Capacity	115.4	cfm
d) Solid Fuel (including fireplaces)				
e) No Combustion Appliances	1	PRINCIPAL EXHAUST FAN CAPA	CITY	
		Model: VANEE	40H+ Location:	BSMT
HEATING SYSTEM		86.0 cfm	3.0 sones	HVI Approved
Forced Air Non Forced Air		PRINCIPAL EXHAUST HEAT LOS		
		CFM 86.0 CFM X	ΔT °F FACTOR 72 F X 1.08	% LOSS X 0.35
Electric Space Heat		SUPPLEMENTAL FANS	METALE	
		' <u> </u>	NUTONE Model cfm	HVI Sones
HOUSE TYPE	9.32.1(2)		XEN050C 50	✓ 0.3
, , , , , , , , , , , , , , , , , , , ,		· -	XEN050C 50	✓ 0.3
Type a) or b) appliance only, no solid fuel		ENS-2 QT	XEN050 C 50	✓ 0.3
II Type I except with solid fuel (including fireplaces)				
III Any Type c) appliance		HEAT RECOVERY VENTILATOR Model: VAN	VEE 40H+	9.32.3.11.
			fm high 37	cfm low
IV Type I, or II with electric space heat		65 % Sens	ble Efficiency	✓ HVI Approved
Other: Type I, II or IV no forced air			gF(0 degC)	
		LOCATION OF INSTALLATION	- *'	EOEN ED
SYSTEM DESIGN OPTIONS	O.N.H.W.P.			RECEIVED VN OF MILTON
1 Exhaust only/Forced Air System		Lot:	Co	
1 Exhaust only/Forced Air System 2 HRV with Ducting/Forced Air System		Township	Pla	1AY 30, 2017 17-7102
2 THY mar buculagn block All dystein		Address	BUIL	DING DIVISION
3 HRV Simplified/connected to forced air system		Roll #	TOW	N OF MILTON
4 HRV with Ducting/non forced air system		BUILDER: GREEN	MITTON PLANNING AND	DEVELOPMENT
Part 6 Design		DUILDER. GREEN	BUILDING: REVIEWED	PERMIT: 17-7102
L		Name:	SCOTT SHERRIFFS	JUN 12, 2017
TOTAL VENTILATION CAPACITY	9.32.3.3(1)	Address:	PLANS EXAMINER Neither the issuance of a permit	DATE nor carrying out of
Basement + Master Bedroom 2 @ 21.2 cfm 42.4	cfm	City:	inspections by the Town of Milto full responsibility for compliance	n relives the owner from
			the Ontario Building Code Act at Code, both as amended, as well	nd the Ontario Building
Other Bedrooms <u>3</u> @ 10.6 cfm <u>31.8</u>	cfm	Telephone #:	statutes and regulations of the F By-laws of the Region of Halton	Province on Ontario,
Kitchen & Bathrooms 5 @ 10.6 cfm 63	cfm	INSTALLING CONTRACTOR		
Other Rooms 7 @ 10.6 cfm 74.2	cfm	Name:		
Teble 9.32.3.A. TOTAL <u>201.4</u>	cfm	Address:		
	j	City:		
PRINCIPAL VENTILATION CAPACITY REQUIRED	9.32.3.4.(1)			
1 Bedroom 31.8 cfm		Telephone #	Fax #:	
		DESIGNER CERTIFICATION		
2 Bedroom 47.7 cfm		i hereby certify that this ventilation s in accordance with the Ontario Build	•	
3 Bedroom 63.6 cfm			Designs Ltd.	
4 Bedroom 79.5 cfm		Signature:	Muhad Okous L) ************************************
5 Bedroom 95.4 cfm		HRAI#	001820	
More than 5 - Part 6 TOTAL 79.5 cfm		Date:	May-17	
I REVIEW AND TAKE RESPONBILITY FOR THE DESIGN WORK AND AM QUAL		ROPRIATE CATEGORY AS AN "OTHER DESIGNED	R* UNDER DIVISION C, 3.2.5 OF THE BUI	LDING CODE.

Web: www.hvacdesigns.ca E-mail: info@hvacdesigns.ca



HEAT LOSS AND GAIN SUMMARY SHEET

MODEL:	JUNIPER 6	LOT 150	BUILDER: GREENPARK HOMES	
SFQT:	3138	LO# 74018	SITE: LECCO RIDGE	
DESIGN A	SSUMPTIONS			
HEATING		٩F	COOLING	٥Ę
	R DESIGN TEMP.	o O	OUTDOOR DESIGN TEMP.	86
INDOOR D	ESIGN TEMP.	72	INDOOR DESIGN TEMP. (MAX 75°F)	72
BUILDING	DATA			
			·	
ATTACHM	ENT:	DETACHED	# OF STORIES (+BASEMENT):	3
FRONT FA	CFS·	EAST	ASSUMED (Y/N):	Υ
	<u> </u>		ASSOMED (1714).	1
AIR CHAN	GES PER HOUR:	3.57	ASSUMED (Y/N):	Υ
AIR TIGHT	NESS CATEGORY:	ÁVERAGE	ASSUMED (Y/N):	Y
			(4,4,4,	•
WIND EXP	OSURE:	SHELTERED	ASSUMED (Y/N):	Υ
HOUSE VC	DLUME (ft³):	42129.0	ASSUMED (Y/N):	Υ
INTERNAL	SHADING:	BLINDS/CURTAINS	ASSUMED OCCUPANTS:	5
INTERIOR	LIGHTING LOAD (Btu/h/ft	²): 1.27	DC BRUSHLESS MOTOR (Y/N):	Υ
FOUNDAT	ION CONFIGURATION	BCIN_1	DEPTH BELOW GRADE:	6.5 ft
LENGTH:	52.0 ft V	VIDTH: 39.0 ft	EXPOSED PERIMETER:	182.0 ft

2012 OBC - COMPLIANCE PACKAGE			
Component			Compliance Package ENERGYSTAR
Ceiling with Attic Space Minimum RSI (R)-Value			50
Ceiling Without Attic Space Minimum RSI (R)-Value			31
Exposed Floor Minimum RSI (R)-Value			31
Walls Above Grade Minimum RSI (R)-Value			20 + 5
Basement Walls Minimum RSI (R)-Value			20
Below Grade Slab Entire surface > 600 mm below grade Minimum R	SI (R)-Valu	ıe	-
Edge of Below Grade Slab ≤ 600 mm Below Grade Minimum RSI (R)-	Value		10
Heated Slab or Slab ≤ 600 mm below grade Minimum RSI (R)-Value			10
Windows and Sliding Glass Doors Maximum U-Value	٠.,	RECEIVED	ZONE 2
Skylights Maximum U-Value	_ '	OWN OF MILTON	ZONE 2
Space Heating Equipment Minimum AFUE		MAY 30, 2017 17-7102	0.95
HRV Minimum Efficiency	D	UILDING DIVISION	65%
Domestic Hot Water Heater Minimum EF	. В	OILDING DIVISION	90% TE

INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE

DESIGNS LTD.





Residential Foundation Thermal Load Calculator

Supplemental tool for CAN/CSA-F280

We	ather Sta	tion Description
Province:	Ontario	
Region:	Milton	
	Site D	escription
Soil Conductivity:	Normal	conductivity: dry dand, loam, clay
Water Table:	Normal (7-10 m, 23-33 ft)
	oundatio	n Dimensions
Floor Length (m):	15.8	
Floor Width (m):	11.9	
Exposed Perimeter (m):	0.0	
Wall Height (m):	2.9	
Depth Below Grade (m):	2.0	Insulation Configuration
Window Area (m²):	0.8	
Door Area (m²):	1.9	
	Radi	ant Slab
Heated Fraction of the Slab:	0	
Fluid Temperature (°C):	33	
	Desig	n Months
Heating Month	1	
	Founda	tion Loads
Heating Load (Watts):		1821

TYPE: JUNIPER 6 **LO#** 74018

LOT 150

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 BUILDING DIVISION



Air Infiltration Residential Load Calculator

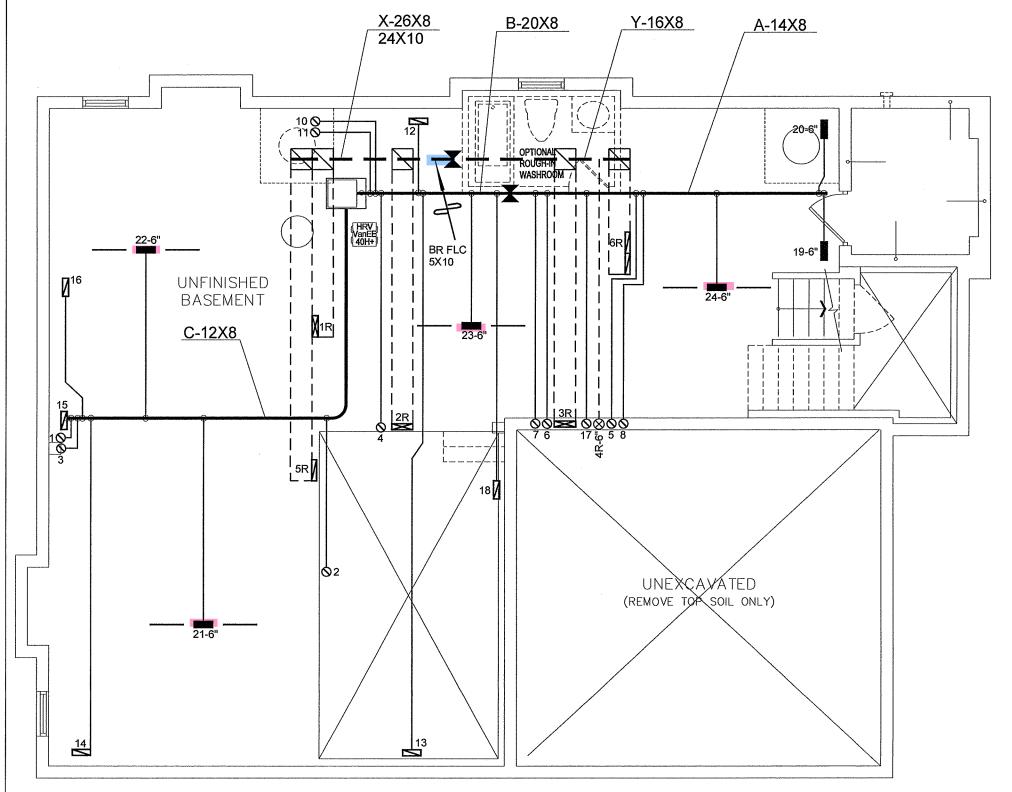
Supplemental tool for CAN/CSA-F280

Weather :	Station I	Des	cript	ion		
Province:	0	nta	rio			
Region:	N	1ilto	n			
Weather Station Location:	0	pen	flat te	rrain,	grass	
Anemometer height (m):	1	0				
Loc	al Shiel	din	g			
Building Site:	Si	ubu	rban, fo	orest		
Walls:	Н	eav	у			
Flue:	Н	eav	y			
Highest Ceiling Height (m):	6	.71				
Buildin	g Config	gura	ation			
Туре:	D	etac	hed			
Number of Stories:	T	wo				
Foundation:	F	ull				
House Volume (m³):	1:	193.	.0			
Air Leal	cage/Ve	nti	atior			
Air Tightness Type:	P	rese	nt (196	51-) (3	.57 ACI	H)
Custom BDT Data:	Е	LA @	9 10 Pa) .		1590.3 cm ²
	3	3.57				ACH @ 50 Pa
Mechanical Ventilation (L/s):		To	tal Sup	ply		Total Exhaust
			40.6			40.6
	Flue Size	е				
Flue #:		#1	#2	#3	#4	
Diameter (mm):		0	0	0	0	
Natural	Infiltrat	ion	Rate	S		
Heating Air Leakage Rate (ACH	I/H):		0	.30	7	
Cooling Air Leakage Rate (ACH	/H):		0	.10	5	·

TYPE: JUNIPER 6 **LO#** 74018

LOT 150

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 BUILDING DIVISION



BASEMENT PLAN ELEV. 2

TOWN OF MILTON PLANNING AND DEVELOPMENT BUILDING PERMIT: 17-7102 **BUILDING: REVIEWED**

SCOTT SHERRIFFS

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 **BUILDING DIVISION**

RESIDENTIAL HVAC (New Construction) 1) All HVAC work shall comply with Part 6 4) All supply/return air ducts located in and 9.32/9.33.

- 2) Supply or return air ducts not shall me insulated to a minimum 2.1 RSI (R-12)
- B) Exhaust ducts (principle, supplemental & other exhaust fans) passing through unheated space shall be insulated to a minimum 0.5 RSI (R-3)
- unconditioned spaces shall be sealed to a SMACNA Class 'A' seal level and ly air ducts in conditioned to shall be sealed to a SMACNA Class "C' seal level
- 5) Furnaces to be equipped with brushless DC motor (ECM) and controlled with a programmable thermostat (4 times periods/day, 2 day
- 6) HRVs to be installed in accordance with 9.32.3.11. and manufacturers' requirements (intake/exhaust separation, distance from R/A drop)
- Bathrooms and washrooms to exhaust fan ducted directly outdoors with ductwork sized in accordance with Table 9.32.3.5.
- 8) Range hoods to exhaust directly to outdoors with non-combustible ducting
- 9) Changes to the HVAC equipment or duct layout requires a revision permit to be applied for and approved prior to booking any HVAC inspections



		3.								
SYMBOL	OESCRIPTION	SYMBOL	OESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	OESCRIPTION	2.		
	FLOOR SUPPLY AIR GRILLE		6" SUPPLY AIR BOOT ABOVE		14"x8" RETURN AIR GRILLE	E	RETURN AIR STACK ABOVE	1.		
	FLOOR SUPPLY AIR GRILLE 6" BOOT	0	SUPPLY AIR STACK FROM 2nd FLOOR		30"x8" RETURN AIR GRILLE		RETURN AIR STACK 2nd FLOOR	No.	Description	Date
	SUPPLY AIR BOOT ABOVE		8" SUPPLY AIR STACK 2nd FLOOR		FRA- FLOOR RETURN AIR GRILLE	X	REDUCER		REVISIONS	

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GREENPARK HOMES

Project Name

LECCO RIDGE MILTON, ONTARIO

LOT 150 **JUNIPER 6**

3138 sqft

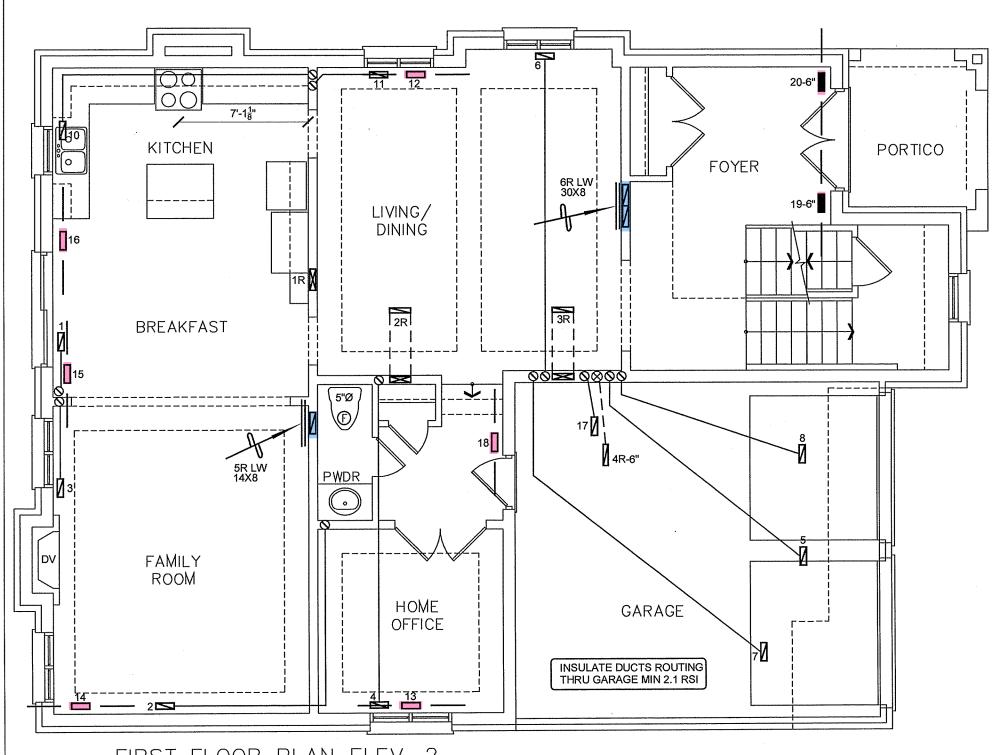
375 Finley Ave - Suite 202 - Ajax, Ontario L1S 2E2 Tel. 905.619.2300 - 905.420.5300 Fax 905.619.2375 Email: info@hvacdesigns.ca

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.

	SS 48422	BTU/H	# OF RUNS	S/A	R/A	FANS	Shee
U	NIT DATA		3RD FLOOR				
MAKE	AMANA		2ND FLOOR	11	4	4	
MODEL AMEC	960603BN	Ą	1ST FLOOR	8	2	2	
INPUT	60	MBTU/H	BASEMENT	4	1	0	Date
OUTPUT	57.6	MBTU/H	ALL S/A DIFFU				Scale
COOLING	3.0	TONS	ON LAYOUT. A	LL S/A	RUN	S 5"Ø	
FAN SPEED	1131	cfm @ 0.5" w.c.	ON LAYOUT. U DOORS 1" min.	NDER	CUT		L(

BASEMENT **HEATING LAYOUT** MAY/2017 3/16" = 1'-0" BCIN# 19669 74018



FIRST FLOOR PLAN ELEV. 2



energy W **ENERGY STAR**

HVAC LEGEND 2. DESCRIPTION SYMBOL DESCRIPTION DESCRIPTION SYMBOL **2** 14"x8" RETURN AIR GRILLE FLOOR SUPPLY AIR GRILLE RETURN AIR STACK ABOVE 6" SUPPLY AIR BOOT ABOVE Date 30"x8" RETURN AIR GRILLE No. Description SUPPLY AIR STACK FROM 2nd FLOOR \mathbf{x} FLOOR SUPPLY AIR GRILLE 6" BOOT RETURN AIR STACK 2nd FLOOR 0 FRA- FLOOR RETURN AIR GRILLE **REVISIONS** SUPPLY AIR BOOT ABOVE 6" SUPPLY AIR STACK 2nd FLOOR

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GREENPARK HOMES

LECCO RIDGE MILTON, ONTARIO

LOT 150 JUNIPER 6

3138 sqft

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

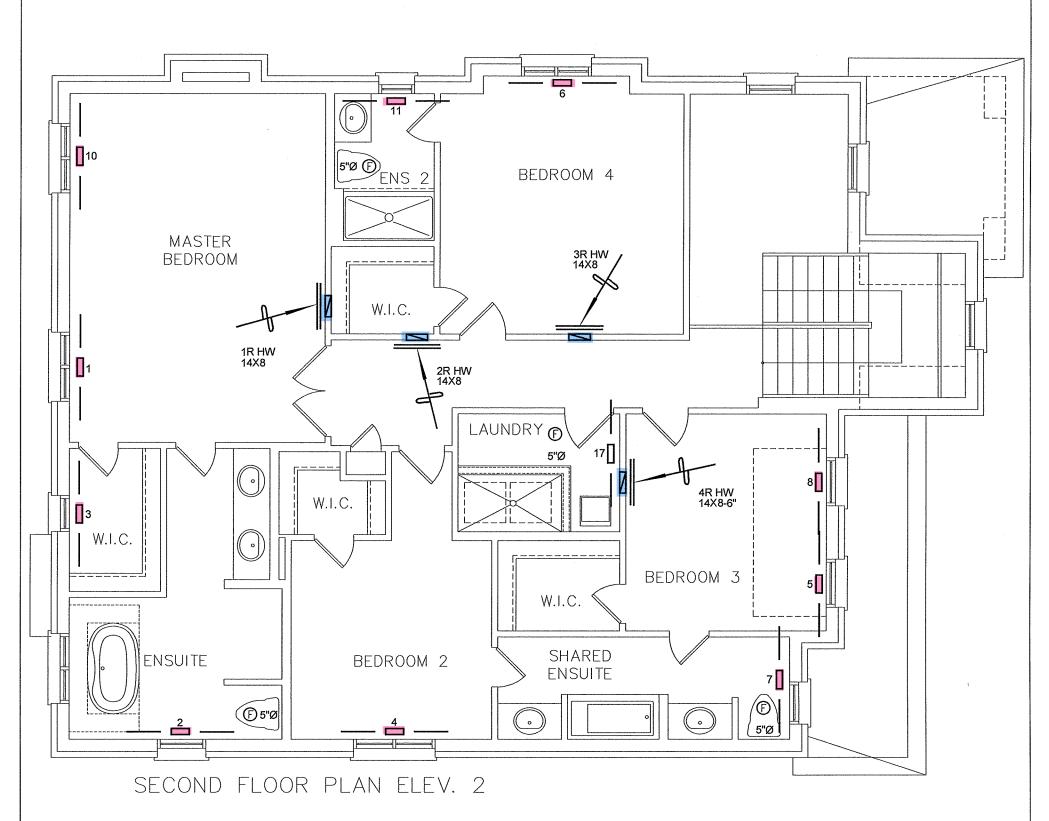
Installation to comply with the latest Ontario Building Code. All supply branch outlets shall be equipped with a manual balancing damper. Ductwork which passes through the garage or unheated spaces shall be adequately insulated and be gas-proofed.

FIRST FLOOR **HEATING** LAYOUT

MAY/2017 Date 3/16" = 1'-0"

BCIN# 19669

74018 LO#



TOWN OF MILTON
PLANNING AND DEVELOPMENT
BUILDING PERMIT: 17-7102
BUILDING: REVIEWED
SCOTT SHERRIFFS
JUN 12, 2017
PLANS EXAMINER
DATE
Neither the issuance of a permit nor carrying out of inspections by the Town of Milton relives the owner from full responsibility for compliance with the provisions of the Ontario Building Code, both as amended, as well as other applicable statutes and regulations of the Province on Ontario, By-laws of the Region of Halton and Town of Milton

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

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

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 BUILDING DIVISION ENERGY STAR

3. **HVAC LEGEND** 2. SYMBOL DESCRIPTION DESCRIPTION SYMBOL DESCRIPTION SYMBO DESCRIPTION 14"x8" RETURN AIR GRILLE 6" SUPPLY AIR BOOT ABOVE RETURN AIR STACK ABOVE - 🗀 FLOOR SUPPLY AIR GRILLE 1. 30"x8" RETURN AIR GRILLE FLOOR SUPPLY AIR GRILLE 6" BOOT Description 0 SUPPLY AIR STACK FROM 2nd FLOOR × No. RETURN AIR STACK 2nd FLOOR FRA- FLOOR RETURN AIR GRILLE REDUCER **REVISIONS** SUPPLY AIR BOOT ABOVE 6" SUPPLY AIR STACK 2nd FLOOR •

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GREENPARK HOMES

Project Name

LECCO RIDGE MILTON, ONTARIO

LOT 150 JUNIPER 6

3138 sqft

HVA DESIGNS LTD.

375 Finley Ave - Suite 202 - Ajax, Ontario
L1S 2E2 Tel. 905.619.2300 - 905.420.5300 Fax 905.619.2375
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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.

SECOND FLOOR HEATING LAYOUT

Dale MAY/2017
Scale 3/16" = 1'-0"

BCIN# 19669

LO# 74018