

O. I.	: LECCC	RIDGE	Ę													DATE:	lan-17			WINT	ER NATURAL	AIR CH	ANGE RATE 0.26	8 HEAT LOSS	S AT °E	72		CSA-F280-
BUILDER:	GREEN	NPARK	HOME	S			TYPE	E: IVY 7E				GFA	: 2284			LO# 7	1718						ANGERATE 0.09				-	NERGYSTA
ROOM USE	:			MBR			ENS	T		T	BED	0-2	T	BED-3	T	E	BED-4	T	BATI						T		T	TITLE TO TO
EXP. WALL	_			18			24	1			10			34			10	-	- R			- 1			1			
CLG. HT.	.l			9	- 1		9	1			9		1	9			9		9			- 1					1	
	FACTO	RS						1			-						•		•						ĺ			
GRS.WALL AREA				162			216				90	1		306			90		72								1	
GLAZING				LOSS	MIAO		OSS GAIN					S GAIN	,	LOSS G			.OSS GAI			S GAIN	1						1	
NORTH		16.3	0	0	0	0	0 0	'			0 0		١ ,	0	0	0	.035 GAI		0	O GAIIY		- 1						
EAST	20.4	41.9	0	0	0	0	0 0				30 61	-	1 -	-	1677	0		1 -				İ		<u> </u>				
SOUTH	20.4	25.3	0	0	0	0	0 0				0 0	2 1201	1	0	- 1	-	0 0		0	0				-41	TO	<b>WNO</b>	F MII	TON
WEST				-	- 1	-				- 1		_	0	-	0		306 37	- 1	143			1		PLANNI				
1	1	41.9	30		1257		265 545				0 0	0	0	0	0	0	0 0	0	0	0				MILTON I LAININ	IIVO A			ODEL
SKYLT.	1	102.2	0	0	0	0	0 0				0 0	. 0	0	0	0	0	0 0	0	0	0	l		'				/ L IV	IODEL
DOORS		4.7	0	0	0	0	0 0	1			0 0	0	0	0	0	0	0 0	0	0	0	1		E	BUILDING: RE	VIEW	ED		
NET EXPOSED WALL	3.1	0.6	132	405	78		623 120				60 18		266		158		230 44	65	199	39	1		9	SCOTT SHERE	RIFFS	;	APR 7	<sup>7</sup> , 2017
NET EXPOSED BSMT WALL ABOVE GR		0.7	0	0	0	0	0 0				0 0	0	0		0	0	0 0	0	0	0			_	PLANS EXAMINER		·		DATE
EXPOSED CLG		0.7	252	366	181		203 101				130 18	8 94	204	295	147	130	188 94	104	151	75						:		
NO ATTIC EXPOSED CLG		1.2	0	0	0	0	0 0				0 0	0	0	0	0	0	0 0	0	0	0	1	l		Neither the issuance aspections by the To				
EXPOSED FLOOR	2.3	0.5	0	0	0	0	0 0	1		1	130 30	4 59	0	0	0	0	0 0	0	0	0				ull responsibility for				
BASEMENT/CRAWL HEAT LOSS	1			0	ı		0	1			0		1	0	- 1		0		0		I			he Ontario Building				
SLAB ON GRADE HEAT LOSS	1			0			0				0			0			0		0					Code, both as amen				
SUBTOTAL HT LOSS	1			1382		1	1091				128	8		1927			724		493					tatutes and regulati				
SUB TOTAL HT GAIN	1				1517		766	1				1445	:[	1	981		51	.		290				By-laws of the Regio				
LEVEL FACTOR / MULTIPLIER			0.20			0.20		1			0.20 0.2	9	0.20	0.29		0.20			0.29				_	1	1			
AIR CHANGE HEAT LOSS	1			406	- 1		320	1			37		1	566			213		145					l		DEC	EIVE	.D
AIR CHANGE HEAT GAIN					122		61	1		į	-	116			169		41		10	23		- 1			11.			
DUCT LOSS				0			0	1			16		1	0	100		0		0	20		- 1				TOWN	וואו אכ	LION
DUCT GAIN	i			•	0		0				10	236		v	ا ه		0		U	0		- 1				MΔR	29, 20	17
HEAT GAIN PEOPLE			2		480	0	0	i			1	240	1		240	1	24	ا ا		0	1						1	17
HEAT GAIN APPLIANCES/LIGHTS	240	- 1	-		558	v	0				'	558	1 '		- 1											I۷	Y 7E	
TO TAL HT LOSS BTU/H	ı	- 1		1788	908		-			- 1	400		1		558		55	' I		0						NI III DINI	C DIV	ICION
TOTAL HT GAIN x 1.3 BTU/H					3480	1	1411	.		- 1	183		.1	2493			937	_	637							BUILDIN	G DIV	ISION
TO TAL HT GAIN'X 1.3 BTOTH	<u> </u>				3480		1076	<u> </u>				3374	·L	3	820		176	3		408	<u> </u>	i					L	
ROOM USE				LIVIDIN				T	KT/FM				т	LAUN			W/R		FOY		MUD							
EXP. WALL				41				1	56					O								- 1				WOD		BAS
CLG. HT.					ı			1						_			6		14		14				1	38	}	134
GEG. III.		I		10					10					9			10	1	12		12					9		9
CDOWALL ADDA	FACTO				.			1										1				- 1			1			
	LOSS																	1				- 1					1	1032
GLAZING	1	GAIN		410					560				1	0			60		168		168			1		342	1	1002
NORTH				LOSS					LOSS G					LOSS G	AIN	L	OSS GAI	N		GAIN	168 LOSS	GAIN			1	342 Loss gain		LOSS GAI
	20.4	16.3	0	LOSS (	0			11	LOSS G	AIN 180			0	LOSS G	AIN 0			N 0		GAIN 0	1	GAIN 0			1		0	
EAST	20.4 20.4	16.3 41.9	0 37	LOSS ( 0 755					LOSS G				0	LOSS G		L	OSS GAI		LOSS		Loss	- 1				LOSS GAIN	1	LOSS GAI
EAST SOUTH	20.4 20.4 20.4	16.3 41.9 25.3	0 37 21	LOSS ( 0 755 428	0			11	LOSS G 224 0	180			1 -	LOSS G	0	0 0	OSS GAI	0	LOSS	0	LOSS 0 0	0			0	LOSS GAIN	0	LOSS GAI
EAST SOUTH WEST	20.4 20.4 20.4 20.4	16.3 41.9	0 37	LOSS ( 0 755	0 1551			11 0	LOSS G 224 0 224 2	180 0			0	LOSS G 0 0	0	0 0	OSS GAI 0 0 0 0	0	LOSS 0 0	0 0	LOSS 0 0 0 0	0			0 0	LOSS GAIN 0 0 0 0	0	LOSS GAI 0 0 0 0
EAST SOUTH WEST SKYLT.	20.4 20.4 20.4 20.4	16.3 41.9 25.3	0 37 21	LOSS ( 0 755 428	0 1551 530			11 0 11	224 0 224 1 224 1266 2	180 0 278			0	LOSS G 0 0 0	0 0 0	0 0 8	OSS GAI 0 0 0 0 163 202	0 0	0 0 0 0	0 0 0	LOSS 0 0 0 0 0 0	0 0			0 0	OSS GAIN 0 0 0 0 0 0	0 0 8	LOSS GAI 0 0 0 0 163 202
EAST SOUTH WEST	20.4 20.4 20.4 20.4	16.3 41.9 25.3 41.9	0 37 21 0	0 755 428 0	0 1551 530 0			11 0 11 62	224 0 224 2 1266 2	180 0 278 2599			0 0	LOSS G 0 0 0 0	0 0 0	0 0 8 0	OSS GAI 0 0 0 0 163 20 0 0	0 0 0	0 0 0 0	0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0	0 0 0 0			0 0 0 0	LOSS GAIN 0 0 0 0 0 0 286 587 0 0	0 0 8 0	LOSS GAI 0 0 0 0 163 203 0 0 0 0
EAST SOUTH WEST SKYLT.	20.4 20.4 20.4 20.4 20.4 35.7	16.3 41.9 25.3 41.9 102.2	0 37 21 0	0 755 428 0 0	0 1551 530 0			11 0 11 62 0	224 0 224 2 1266 2 0 481	180 0 278 2599 0			0 0 0	LOSS G 0 0 0 0 0 0	0 0 0 0 0	0 0 8 0 0	OSS GAI 0 0 0 0 163 202 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481	0 0 0 0			0 0 0 0 14 0	LOSS GAIN 0 0 0 0 0 0 286 587 0 0 0 0	0 0 8 0 0	LOSS GAI 0 0 0 0 163 202 0 0 0 481 93
EAST SOUTH WEST SKYLT. DOORS	20.4 20.4 20.4 20.4 35.7 24.1	16.3 41.9 25.3 41.9 102.2 4.7	0 37 21 0 0	0 755 428 0 0	0 1551 530 0 0			11 0 11 62 0 20	224 2 0 224 2 1266 2 0 481 1399 3	180 0 278 2599 0 93			0 0 0 0 0	LOSS G 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 8 0 0	OSS GAI 0 0 0 0 163 202 0 0 0 0	0 0 0 0 0 0 33	LOSS 0 0 0 0 0 0 794	0 0 0 0 0 153	LOSS 0 0 0 0 0 0 0 0 0 0 20 481	0 0 0 0 0 93 88			0 0 0 14 0 0	DOSS GAIN  0 0  0 0  0 0  286 587  0 0  0 0  0 0	0 0 8 0 0 20	LOSS GAI 0 0 0 0 163 202 0 0 0 481 93 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL	20.4 20.4 20.4 20.4 35.7 24.1 3.1	16.3 41.9 25.3 41.9 102.2 4.7 0.6	0 37 21 0 0 0 352	0 755 428 0 0 0	0 1551 530 0 0 0 209			11 0 11 62 0 20 456	LOSS G 224 0 224 2 1266 2 0 481 1399 2	180 0 278 2599 0 93 271			0 0 0 0 0 0	LOSS G 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 8 0 0 0 0	OSS GAI 0 0 0 0 163 207 0 0 0 0 0 0 160 31	0 0 0 0 0 33 136	LOSS 0 0 0 0 0 794 414	0 0 0 0 0 153 80	LOSS 0 0 0 0 0 0 0 0 0 0 0 0 20 481 148 454	0 0 0 0 0 93 88			0 0 0 14 0 0 0 214	LOSS GAIN 0 0 0 0 0 0 286 587 0 0 0 0 775 150	0 0 8 0 0 20 0	LOSS GAI 0 0 0 163 202 0 0 0 0 0 481 93 0 0 630 122
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7	0 37 21 0 0 0 352 0	LOSS 0 755 428 0 0 0 1080 0	0 1551 530 0 0 0 209			11 0 11 62 0 20 456 0 48	LOSS G 224 0 224 2 1266 2 0 481 1399 2 0 70	180 0 278 2599 0 93 271 0 35			0 0 0 0 0 0 0 210	LOSS G 0 0 0 0 0 0 0 0 0 0 304	0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0	OSS GAI 0 0 163 203 0 0 0 0 0 0 160 31 0 0	0 0 0 0 0 33 135 0	0 0 0 0 0 0 794 414 0	0 0 0 0 0 153 80 0	LOSS 0 0 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0	0 0 0 0 0 93 88 0			0 0 0 14 0 0 0 214	COSS GAIN  0 0  0 0  0 0  286 587  0 0  0 0  775 150  0 0	0 0 8 0 0 20 0 174	LOSS GAI 0 0 0 163 202 0 0 0 0 0 481 93 0 0 630 122 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 0 1080 0	0 1551 530 0 0 0 209 0			11 0 11 62 0 20 456 0 48	LOSS G 224 0 224 2 1265 2 0 481 1399 2 0 70	180 0 278 2599 0 93 271 0 35			0 0 0 0 0 0 0 0 210	LOSS G 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0	OSS GAI 0 0 0 163 207 0 0 0 0 0 0 160 31 0 0 0 0 0	0 0 0 0 0 33 135 0	0 0 0 0 0 0 794 414 0	0 0 0 0 0 153 80 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0	0 0 0 0 93 88 0			0 0 0 14 0 0 0 214	LOSS GAIN 0 0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 775 150 0 0 0	0 0 8 0 0 20 0 174 0	LOSS GAI 0 0 0 163 202 0 0 0 481 93 0 0 630 122 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BMIT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7	0 37 21 0 0 0 352 0	LOSS (0 755 428 0 0 0 1080 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1551 530 0 0 0 209 0			11 0 11 62 0 20 456 0 48	224 2 0 224 2 1266 2 0 481 1399 2 0 70	180 0 278 2599 0 93 271 0 35			0 0 0 0 0 0 0 210	LOSS G 0 0 0 0 0 0 0 0 1304	0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0	OSS GAI 0 0 163 203 0 0 0 0 0 0 160 31 0 0	0 0 0 0 0 33 136 0	0 0 0 0 0 0 794 414 0 0	0 0 0 0 0 153 80 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0	0 0 0 0 0 93 88 0			0 0 0 14 0 0 0 214	COSS GAIN  0 0  0 0  0 0  286 587  0 0  0 0  775 150  0 0	0 0 8 0 0 20 0 174 0	LOSS GAI 0 0 0 163 202 0 0 0 481 93 0 0 630 122 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BIMT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLOG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS (0 755 428 0 0 0 1080 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1551 530 0 0 0 209 0			11 0 11 62 0 20 456 0 48	224 2 0 224 2 1266 2 0 481 1399 2 0 70 0 0	180 0 278 2599 0 93 271 0 35			0 0 0 0 0 0 0 0 210	LOSS G 0 0 0 0 0 0 0 0 1 0 180 0	0 0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0	OSS GAI 0 0 0 163 200 0 0 0 0 0 0 0 0 0 160 31 0 0 0 0 0 0 0 0 0	0 0 0 0 0 33 135 0	0 0 0 0 0 0 794 414 0 0 0	0 0 0 0 0 153 80 0	LOSS 0 0 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0	0 0 0 0 93 88 0			0 0 0 14 0 0 0 214	LOSS GAIN 0 0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 775 150 0 0 0	0 0 8 0 0 20 0 174 0	LOSS GAI 0 0 0 163 202 0 0 0 481 93 0 0 630 122 0 0
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EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG NO A TTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 0 755 428 0 0 1080 0 0 0 0 0 0 0 0	0 1551 530 0 0 0 209 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 0 224 1266 2 0 481 1399 0 70 0 0 0 3663	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 0 210	LOSS G 0 0 0 0 0 0 0 0 1 0 0 180 0 0 484	0 0 0 0 0 0 0 0 0 151 0 35	0 0 8 0 0 0 62 0 0 0	OSS GAI 0 0 0 0 163 207 0 0 0 0 0 0 160 31 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 33 136 0 0	0 0 0 0 0 0 794 414 0 0 0	0 0 0 0 153 80 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 935	0 0 0 0 0 93 88 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0	O 0 0 0 163 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BMIT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIN LEVEL FACTOR/ MULTIPLIER	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 0 1080 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 0 224 1266 2 1266 2 481 1399 7 0 0 0 0 3663 3 0.39	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 180 0 484 1 0.29	0 0 0 0 0 0 0 0 0 0 0 35 151 0 35	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 200 0	0 0 0 0 0 33 136 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 153 80 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 935	0 0 0 0 0 93 88 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0	O 0 0 0 163 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BAMT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIN LEVEL FACTOR/ MULTIPLIER AIR CHANGE HEAT LOSS	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 1080 0 0 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 2 1266 2 1266 2 0 481 1399 2 0 70 0 0 0 3663 3 0.39 1420	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 180 0 484 1 0.29 142	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 200 0 0 0 0 0 0 160 31 0 0 0 0 0 0 0 0 0 0 0 0 0 323 233 3.39	0 0 0 0 0 33 136 0 0	0 0 0 0 0 0 794 414 0 0 0 0	0 0 0 0 0 153 80 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 935	0 0 0 0 93 88 0 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0 0	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG NO A TTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUB TOTAL HT GAIN LEVEL FACTOR/MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT LOSS	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 1080 0 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 0 224 21266 2 481 1399 0 70 0 0 0 3663 3 0.39 1420	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 35 151 0 35	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 200 0	0 0 0 0 0 33 136 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 153 80 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 935	0 0 0 0 0 93 88 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0 0	LOSS GAI 0 0 0 163 200 0 0 0 481 93 0 0 0 630 122 0 0 0 0 4398 56672 417
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMI WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENTICRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT LOSS AIR CHANGE HEAT LOSS	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 1080 0 0 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 2 1266 2 1266 2 0 481 1399 2 0 70 0 0 0 3663 3 0.39 1420	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 180 0 484 1 0.29 142	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 200 0 0 0 0 0 0 160 31 0 0 0 0 0 0 0 0 0 0 0 0 0 323 233 3.39	0 0 0 0 0 33 136 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 153 80 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 935	0 0 0 0 93 88 0 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0 0	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BASIMI WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENTICRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUB TOTAL HT GAIN LEVEL FAC TOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN DUCT LOSS DUCT GAIN	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 1080 0 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 0 224 2 1266 2 0 481 1399 2 0 70 0 0 0 3663 3 0.39 1420 2	180 0 278 2599 0 93 271 0 35 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 180 0 484 10.29 142	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 200 0 0 0 0 0 0 160 31 0 0 0 0 0 0 0 0 0 0 0 0 0 2323 233 233 125	0 0 0 0 0 33 136 0 0	LOSS 0 0 0 794 414 0 0 0 1208	0 0 0 0 0 153 80 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 0 0 0 355 0.30 0.39 363	0 0 0 0 93 88 0 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0 0	O 0 0 0 163 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BAMT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUB TOTAL HT GAIN LEVEL FAC TOR / MULTIPLIER AIR CHANGE HEAT GAIN DUCT GAIN HEAT GAIN PEOPLE	20.4 20.4 20.4 20.4 35.7 24.1 3.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0	LOSS 0 755 428 0 0 1080 0 0 0 0 0 0 2263	0 1551 530 0 0 0 209 0 0 0 0			11 0 11 62 0 20 456 0 48 0	LOSS G 224 2 0 224 2 1265 2 0 481 1399 2 0 0 0 0 0 0 0 3663 3 0.39 1420 2	180 0 2278 2599 0 93 2271 0 35 0 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 0 180 0 180 0 0 484 1 0.29 142	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 3 5 1 1 0 1 0 1 0 1 0 1 1 0 1 0 1 1 1 1 0 1	0 0 8 0 0 0 0 62 0 0 0	OSS GAI 0 0 0 163 207 0 160 31 0 0 0 0 0 0 160 323 233 233 2339 125 19	0 0 0 0 0 33 136 0 0	LOSS 0 0 0 794 414 0 0 0 1208	0 0 0 0 0 153 80 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 0 0 0 355 0.30 0.39 363	0 0 0 0 0 93 88 0 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN  0 0 0 0 0 0 0 0 286 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 8 0 0 20 0 174 0 0	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BASIMI WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENTICRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUB TOTAL HT GAIN LEVEL FAC TOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN DUCT LOSS DUCT GAIN	20.4 20.4 20.4 20.4 35.7 24.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0 0	LOSS 0 755 428 0 0 0 1080 0 0 0 0 0 2263 2 39 878 0	0 1551 530 0 0 0 209 0 0 0 0 0			11 0 11 62 0 20 456 0 48 0 0	LOSS G 224 6 0 224 6 1265 2 0 481 1399 6 0 0 0 0 0 3663 3 0.39 1420 2	1180 0 2278 2599 0 93 2271 0 35 0 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 1 0 180 0 0 484 1 0.29 142 63	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L 0 0 8 0 0 0 0 0 552 0 0 0 0 0 0 0 0 0 0 0 0 0	OSS GAI 0 0 0 163 200 0	0 0 0 0 0 0 33 135 0 0 0	LOSS 0 0 0 794 414 0 0 0 1208	0 0 0 0 0 153 80 0 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 93 88 0 0 0 0 0 181 15 0 0 0			0 0 0 14 0 0 0 214 0	OSS GAIN 0 0 0 0 0 0 0 0 0 2866 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 737	0 0 8 0 0 20 0 174 0 0	LOSS GAI 0 0 0 0 163 201 0 0 0 0 0 0 481 93 0 0 0 630 122 0 0 0 0 0 0 4398 66672 417 0.81 6423 93 0 0 0 0
EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BMIT WALL ABOVE GR EXPOSED CLG NO A TTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS SUBTOTAL HT GAIN LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIN DUCT GAIN HEAT GAIN PEOPLE	20.4 20.4 20.4 20.4 35.7 24.1 3.6 1.4 2.3 2.3	16.3 41.9 25.3 41.9 102.2 4.7 0.6 0.7 0.7	0 37 21 0 0 0 352 0 0 0 0	LOSS 0 755 428 0 0 0 1080 0 0 0 0 0 2263 2 39 878 0	0 1551 530 0 0 0 209 0 0 0 0			11 0 11 62 0 20 456 0 48 0 0	LOSS G 224 6 0 224 6 1265 2 0 481 1399 6 0 0 0 0 0 3663 3 0.39 1420 2	180 0 278 2599 0 93 271 0 35 0 0			0 0 0 0 0 0 0 210 0 77	LOSS G 0 0 0 0 0 0 0 1 0 180 0 0 484 1 0.29 142 63	0 0 0 0 0 0 0 0 0 0 0 0 0 0 351 0 0 355 165 165 165 165 165 165 165 165 165 1	L C C C C C C C C C C C C C C C C C C C	OSS GAI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 33 135 0 0 0	LOSS 0 0 0 794 414 0 0 0 1208	0 0 0 0 0 153 80 0 0 0 0	LOSS 0 0 0 0 0 0 0 0 0 0 20 481 148 454 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 93 88 0 0 0 0			0 0 14 0 0 214 0 0	OSS GAIN 0 0 0 0 0 0 0 0 0 2866 587 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 737	0 0 8 0 20 0 174 0 0	LOSS GAI 0 0 0 0 0 0 163 202 0 0 0 481 93 0 0 0 630 122 0 0 0 0 0 0 4398 56672 417 0.81 6423 93 0 0

TOTAL HEAT GAIN BTU/H:

29569

TONS: 2.46

LOSS DUE TO VENTILATION LOAD BTU/H: 2286

STRUCTURAL HEAT LOSS: 33589

TOTAL COMBINED HEAT LOSS BTU/H: 35875

Mhebad KanLe. INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE



SITE NAME: LECCO RIDGE BUILDER: GREENPARK HOMES TYPE: IVY 7E DATE: Jan-17 GFA: 2284 LO# 71718 furnace pressure 0.6 HEATING CFM 890 COOLING CFM 890 fumace filter 0.05 AFUE = 96 % #AMANA TOTAL HEAT LOSS 33,589 TOTAL HEAT GAIN 29.127 AMEC960402BNA a/c coil pressure 0.2 INPUT (BTU/H) = 40,000 AIR FLOW RATE CFM 26.5 AIR FLOW RATE CFM 30.56 available pressure FAN SPEED OUTPUT (BTU/H) = 38,400 for s/a & r/a 0.35 LOW **RUN COUNT** Bas MEDLOW DESIGN CFM = 890 CFM @ .6 " E.S.P. S/A 0 0 4 plenum pressure s/a 0.18 r/a pressure 0.17 MEDIUM 0 0 max s/a dif press. loss 0.02 r/a grille press. Loss 0.02 MEDIUM HIGH All S/A diffusers 4"x10" unless noted otherwise on layout. min adjusted pressure s/a 0.16 adjusted pressure r/a 0.15 HIGH 890 TEMPERATURE RISE 40 °F All S/A runs 5"Ø unless noted otherwise on layout. RUN# 10 13 18 19 20 21 22 23 24 ROOM NAME MBR ENS BED-2 BED-3 BED-4 BATH LIV/DIN LIV/DIN KT/FM BED-3 MBR KT/FM KT/FM LAUN W/R FOY MUD BAS BAS BAS BAS RM LOSS MBH. 0.89 1.41 1.83 1.25 0.94 0.64 1.25 0.89 1.57 1.57 1.69 1.69 1.69 0.69 0.45 1.68 1.30 3.04 3.04 3.04 3.04 CFM PER RUN HEAT 49 33 25 24 37 17 33 24 42 42 45 45 45 18 12 34 81 81 81 81 1.74 RM GAIN MBH. 1.74 1.08 3.37 1.91 1.76 0.41 1.91 1.97 2.07 2.07 1.97 2.07 1.09 0.33 0.33 0.98 0.59 0.59 0.59 0.59 CFM PER RUN COOLING 53 33 103 58 54 12 58 53 60 60 63 63 63 33 10 10 30 18 18 18 18 ADJUSTED PRESSURE 0.17 0.16 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 ACTUAL DUCT LGH. 36 56 44 18 28 53 45 36 32 31 39 17 21 58 13 45 24 16 25 23 34 170 130 EQUIVALENT LENGTH 185 135 175 110 140 180 130 130 150 130 120 125 130 150 130 140 90 150 140 TOTAL EFFECTIVE LENGTH 206 191 174 193 138 193 225 166 216 169 167 151 152 183 143 195 154 156 115 173 174 ADJUSTED PRESSURE 0.08 0.08 0.08 0.1 0.09 0.12 0.09 0.08 0.1 0.1 0.1 0.11 0.11 0.09 0.12 0.09 0.11 0.1 0.09 0.14 0.09 ROUND DUCT SIZE 6 5 5 5 5 4 5 5 5 5 HEATING VELOCITY (ft/min) 176 424 250 242 184 195 242 176 308 330 308 330 330 207 138 505 390 595 595 595 595 COOLING VELOCITY (ft/min) 389 379 525 426 396 138 426 389 441 441 463 463 463 379 115 115 344 132 132 132 132 OUTLET GRILL SIZE 3X10 3X10 4X10 3X10 TRUNK Α В

RUN# ROOM NAME RM LOSS MBH. CFM PER RUN HEAT RM GAIN MBH CFM PER RUN COOLING ADJUSTED PRESSURE ACTUAL DUCT LGH **EQUIVALENT LENGTH** TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) **OUTLET GRILL SIZE** TRUNH

RECEIVED TOWN OF MILTON MAR 29, 2017 IVY 7E **BUILDING DIVISION** 

SUPPLY AIR TRUNK SIZE																***************************************	RETURN A	IR TRUNI	K SIZE		***************************************			
	TRUNK	STATIC	ROUND	RECT			VELOCITY			TRUNK	STATIC	ROUND	RECT			VELOCITY		TRUNK	STATIC	ROUND	RECT			VELOCITY
	CFM	PRESS.	DUCT	DUCT			(ft/min)			CFM	PRESS.	DUCT	DUCT			(ft/min)		CFM	PRESS.	DUCT	DUCT			(ft/min)
TRUNK A	379	0.08	9.7	12	Х	8	569		TRUNK G	0	0.00	0	0	Х	8	0	TRUNK O	0	0.06	٥,	0	х	8	0
TRUNK B	348	0.08	9.4	10	X	8	626		TRUNK H	0	0.00	0	0	Х	8	0	TRUNK P	0	0.06	0	0	Х	8	0
TRUNK C	514	0.08	10.9	14	X	8	661		TRUNK I	0	0.00	0	0	Х	8	0	TRUNK Q	0	0.06	0	0	X	8	0
TRUNK D	0	0.00	0	0	X	8	0		TRUNK J	0	0.00	0	0	х	8	0	TRUNK R	0	0.06	0	0	Х	8	0
TRUNK E	0	0.00	0	0	X	8	0		trunk k	0	0.00	0	0	X	8	0	TRUNK S	0	0.06	0	0	Х	8	0
TRUNK F	0	0.00	0	0	X	8	0		TRUNK L	0	0.00	0	0	X	8	0	TRUNK T	0	0.06	0	0	X	8	0
																	TRUNKU	0	0.06	0	0	Х	8	0
																	TRUNKV	0	0.06	0	0	X	8	0
RETURN AIR #	1	2	3	4	5	6	•	•		•	•	_	•	_		BR	TRUNK W	0	0.06	. 0	0	X	8	0
AID VIOLUME	100	0	0	Ü	400	400	0	Ü	0	ō	0	0	0	0	0		TRUNK X	890	0.06	14.4	24	Х	8	668
AIR VOLUME PLENUM PRESSURE	130	85	85	85	180	190	0	0	0	0	0	0	0	0	0	135	TRUNKY	350	0.06	10.2	12	Х	8	525
ACTUAL DUCT LGH.	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	TRUNK Z	0	0.06	0	0	X	8	50.
EQUIVALENT LENGTH	47 175	48 215	64 185	65 185	36 150	31 135	,	1	1	1	1	1	1	1	,	14	DROP	890	0.06	14.4	24	Х	10	534
TOTAL EFFECTIVE LH	222	263	249	250	186	166	4	4	1	4	4	1	4	4	4	135 149								
ADJUSTED PRESSURE	0.07	263 0.06	0.06	0.06	0.08	0.09	14.80	14.80	14.80	14.80	14.80	14.80	14.80	14.80	14.80	0.10								
ROUND DUCT SIZE	6.8	6	6	6	7.4	7.3	0	14.00	14.0U	14.00	14.00	14.0U	14.00	14.00	14.00	6.3								
INLET GRILL SIZE	υ.ο	0	ο ο	Ω	ν.4	ι.υ	0	0	0	0	0	0	0	0	0	0.5								
MACE I OIVILL SIZE	ν Υ	о У	ν.	v	V .	o Y	v	Y	Y	V	Y	v	V	v	V	o Y								
INLET GRILL SIZE	14	14	14	14	14	14	^	^	^	â	â	^	^	â	^	14								



TYPE: SITE NAME: IVY 7E

LECCO RIDGE

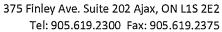
LO# 71718

## RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

COMBUSTION APPLIANCES	9.32.3.1(1)	SUPPLEMENTAL VENTILAT	ION CAPACITY		9.32.3.5.
a)		Total Ventilation Capacity		159	_ 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 Capac	ity .	73.0	_ cfm
d) Solid Fuel (including fireplaces)					
e) No Combustion Appliances		PRINCIPAL EXHAUST FAN C	CAPACITY		
		Model: VA	NEE 40H+	Location:	BSMT
HEATING SYSTEM		86.0 cfm	3.0 sones		✓ HVI Approved
Forced Air Non Forced Air		PRINCIPAL EXHAUST HEAT	LOSS CALCULATION		% LOSS
Electric Space Uset		86.0 CFM X	72 F X	FACTOR 1.08	X 0.34
Electric Space Heat		SUPPLEMENTAL FANS	***************************************	NUTONE	
HOUSE TYPE	0.00.4(0)	Location	Model	cfm	HVI Sones
HOUSE TIPE	9.32.1(2)	ENS BATH	QTXEN050C QTXEN050C	50 50	✓ 0.3 ✓ 0.3
I Type a) or b) appliance only, no solid fuel					
II Type I except with solid fuel (including fireplaces)		W/R	QTXEN050C	50	✓ 0.3
III Any Type c) appliance		HEAT RECOVERY VENTILAT  Model:	OR VANEE 40H+		9.32.3.11.
IV Type I, or II with electric space heat		86	cfm high	37	_ cfm low
			Sensible Efficiency		HVI Approved
Other: Type I, II or IV no forced air		@:	32 deg F ( 0 deg C)		
SYSTEM DESIGN OPTIONS	O.N.H.W.P.	LOCATION OF INSTALLATIO	N	RE	CEIVED
	O.14.F1. 44.F.	Lot:	ı	c TOWI	N OF MILTON
1 Exhaust only/Forced Air System		Township		MA	AR 29, 2017
2 HRV with Ducting/Forced Air System				-	IVY 7E ING DIVISION
3 HRV Simplified/connected to forced air system		Address		BOILD	ING DIVISION
4 HRV with Ducting/non forced air system		Roll #	DI ANNIA		OF MILTON EVELOPMENT
Part 6 Design		BUILDER: GF	MILTON PLANNIN		IVY 7E MODEL
		Name:	BUILDING: REV SCOTT SHERR		APR 7, 2017
TOTAL VENTILATION CAPACITY	9.32.3.3(1)	Address:	PLANS EXAMINER		DATE
Basement + Master Bedroom 2 @ 21.2 cfm 42.4	cfm	City:	Neither the issuance of inspections by the Tov	vn of Milton re	elives the owner from
Other Bedrooms 3 @ 10.6 cfm 31.8	cfm	Telephone #:	full responsibility for co	ode Act and t	he Ontario Building
Kitchen & Bathrooms 4 @ 10.6 cfm 42.4	cfm	INSTALLING CONTRACTOR	Code, both as amende statutes and regulation By-laws of the Region	ns of the Prov	ince on Ontario,
Other Rooms 4 @ 10.6 cfm 42.4	cfm	Name:			
Table 9.32.3.A. TOTAL 159.0	cfm	Address:			
		City:			
PRINCIPAL VENTILATION CAPACITY REQUIRED	9.32.3.4.(1)	-			
1 Bedroom 31.8 cfm		Telephone #:		Fax #:	
2 Bedroom 47.7 cfm		DESIGNER CERTIFICATION  I hereby certify that this ventilat	ion system has been dee	ianed	
3 Bedroom 63.6 cfm		in accordance with the Ontario	•	gricu	
4 Bedroom 79.5 cfm		Signature:	and 1	1001	
5 Bedroom 95.4 cfm		HRAI #	/////se brank	Offinhe 001820	-
More than 5 - Part 6 TOTAL 79.5 cfm  I REVIEW AND TAKE RESPONIBILITY FOR THE DESIGN WORK AND AM QUALI	FIED IN THE APPR	Date: ROPRIATE CATEGORY AS AN "OTHER DES		anuary-17 2.5 OF THE BUIL	DING CODE.

INDIVIDUAL BCIN: 19669
Maked Office.

MICHAEL O'ROURKE







## **HEAT LOSS AND GAIN SUMMARY SHEET**

MODEL:	IVY 7E	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		BUILDER: GREENPARK HOMES	
SFQT:	2284	LO#	71718	SITE: LECCO RIDGE	
DESIGN A	SSUMPTIONS	1 1 121			
	R DESIGN TEMP. DESIGN TEMP.		°F 0 72	COOLING OUTDOOR DESIGN TEMP. INDOOR DESIGN TEMP. (MAX 75°F)	°F 86 72
BUILDING			· <del>-</del>	(	
ATTACHM	1ENT:		ATTACHED	# OF STORIES (+BASEMENT):	3
FRONT FA	ACES:		EAST	ASSUMED (Y/N):	Y
AIR CHAN	IGES PER HOUR:		3	ASSUMED (Y/N):	Υ
AIR TIGHT	NESS CATEGORY:		TIGHT	ASSUMED (Y/N):	Υ
WIND EXF	POSURE:	S	SHELTERED	ASSUMED (Y/N):	Υ
HOUSE VO	OLUME (ft³):		31196.0	ASSUMED (Y/N):	Υ
INTERNAL	SHADING:	BLINDS,	/CURTAINS	ASSUMED OCCUPANTS:	5
INTERIOR	LIGHTING LOAD (Btu/h	n/ft²):	1.50	DC BRUSHLESS MOTOR (Y/N):	Υ
FOUNDAT	TION CONFIGURATION		BCIN_1	DEPTH BELOW GRADE:	6.0 ft
LENGTH:	50.0 ft	WIDTH:	28.0 ft	EXPOSED PERIMETER:	134.0 ft

2012 OBC - COMPLIANCE PACKAGE			
		Compliance	•
Component		ENERG	YSTAR
		Nominal	
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+3.6		
Basement Walls Minimum RSI (R)-Value	20		
Below Grade Slab Entire surface > 600 mm below grade Minimum RSI (	R)-Value	-	
Edge of Below Grade Slab $\leq$ 600 mm Below Grade Minimum RSI (R)-Val	ue	10	
Heated Slab or Slab ≤ 600 mm below grade Minimum RSI (R)-Value	RECEIVED	10	
Windows and Sliding Glass Doors Maximum U-Value	TOWN OF MILTON	ZONE 2	
Skylights Maximum U-Value	MAR 29, 2017	ZONE 2	
Space Heating Equipment Minimum AFUE	IVY 7E	0.95	
HRV Minimum Efficiency	BUILDING DIVISION	65%	
Domestic Hot Water Heater Minimum EF		90% TE	

INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE





## **Residential Foundation Thermal Load Calculator**

Supplemental tool for CAN/CSA-F280

W	eather Sta	tion Description
Province:	Ontario	•
Region:	Milton	
	Site D	escription
Soil Conductivity:	Normal o	onductivity: dry dand, loam, clay
Water Table:	Normal (	7-10 m, 23-33 ft)
	Foundatio	n Dimensions
Floor Length (m):	15.2	
Floor Width (m):	8.5	
Exposed Perimeter (m):	40.8	
Wall Height (m):	2.7	
Depth Below Grade (m):	1.83	Insulation Configuration
Window Area (m²):	2.0	
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):		1288

**TYPE:** IVY 7E **LO#** 71718

RECEIVED TOWN OF MILTON MAR 29, 2017 IVY 7E BUILDING DIVISION



## **Air Infiltration Residential Load Calculator**

Supplemental tool for CAN/CSA-F280

Weather 9	ation Descriptio	n		
Province:	Ontario			
Region:	Milton			
Weather Station Location:	Open flat terr	ain, g	rass	
Anemometer height (m):	10			
Loc	Shielding			
Building Site:	Suburban, for	est		
Walls:	Heavy			
Flue:	Heavy			
Highest Ceiling Height (m):	6.71			
Buildin	Configuration			
Type:	Semi			
Number of Stories:	Two			
Foundation:	Full			
House Volume (m³):	883.4			
Air Leal	ge/Ventilation			
Air Tightness Type:	Energy Star At	ttach	ed (3.0	ACH)
Custom BDT Data:	ELA @ 10 Pa.			989.5 cm²
	3.00			ACH @ 50 Pa
Mechanical Ventilation (L/s):	Total Suppl	У		Total Exhaust
	40.6			40.6
	ue Size			
Flue #:	#1 #2	#3	#4	
Diameter (mm):	0 0	0	0	
Natural	filtration Rates			
Heating Air Leakage Rate (ACH	H): 0.	26	8	
Cooling Air Leakage Rate (ACH	H): 0.	09	0	

**TYPE:** IVY 7E **LO#** 71718

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