

	LECCO	RIDGE	Ē					LOT 3	17						DATE	: Jun-17			V	VINTE	R NATI	JRAL	AIR CH	IANGE	RATE	0.316	H	IEAT L	OSS AT	Γ°F.	72			CSA-F2	30-12
BUILDER:	GREEN	PARK	HOME	S				: JUNIF	PER 9			GFA:	3467		LO#	74047			Sl	JMME	R NATI	JRAL A	AIR CH	IANGE	RATE	0.108		HEAT G	3ΑΙΝ ΔΤ	Γ°F.	14		E	NERGYS	TAR
ROOM USE				MBR		E	NS				BED-2			BED-3		BED-4		- 1	BATH			BED-5	5		ENS-4		Е	NS-2							
EXP. WALL				36		2	28				15			33		38			7			14			16			9							
CLG. HT.				10			9				9			10		10			9			9			9			9							
	FACTO	RS																																	
GRS.WALL AREA	LOSS	GAIN		360		2	52				135			330		380			63			126			144			81							
GLAZING				LOSS GA	IN	LO	SS GAIN				LOSS	GAIN		LOSS GAIN		LOSS G	AIN	1	LOSS	GAIN		LOSS	GAIN		LOSS	GAIN	L	.oss g	BAIN						
NORTH	17.9	15.8	0	0 ()	9 1	61 143			15	268	238	0	0 0	0	0	0	7	125	111	0	0	0	0	0	0	0	0	0						
EAST	17.9	41.4	0	0 ()	0	0 0			0	0	0	48	857 1988	32	571 13	325	0	0	0	0	0	0	9	161	373	0	0	0						
SOUTH	17.9	24.8	0	0 ()	0	0 0			0	0	0	0	0 0	17	303 4	121	0	0	0	13	232	322	0	0	0	7	125	173						
WEST	17.9	41.4	34	607 14	08	18 3	21 746			0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SKYLT.	30.6	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	0	0						
DOORS		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	0	0						
NET EXPOSED WALL	2.6	0.5	326	853 16	55 2	225 5	89 114			120	314	61	282	738 143	331	866 1	67	56	147	28	113	296	57	135	353	68	74	194	37						
NET EXPOSED BSMT WALL ABOVE GR	3.3	0.6	0	0 ()	0	0 0			0	0	0	0	0 0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0						
EXPOSED CLG		0.7	315	434 2			19 109			265	365	182	233	321 160	261	360 1	79	147	203	101	216	298	148	114	157	78	180		123						
NO ATTIC EXPOSED CLG		1.1	0	0 (3 31			0	0	0	18	40 20	30		33	0	0	0	0	0	0	0	0	0	0	0	0						
EXPOSED FLOOR		0.4	0	0 (0 0			0	0	0	251	550 106	9		4		243	47	0	0	0	0	0	0	0	0	0						
BASEMENT/CRAWL HEAT LOSS			-	0			0	1		1	0	-		0	1	0			0		1	0	-	1	0	-	_	0	<i>^</i>						
SLAB ON GRADE HEAT LOSS				0			0	1		1	0			0	1	0			0			0			0			0							
SUBTOTAL HT LOSS				1894		12	353	1			947			2507		2187			717			825			671			567							
SUB TOTAL HT GAIN				17	89	10	1142	.		1		480		2417	-		130			287		520	527		٠. ١	519			334						
LEVEL FACTOR / MULTIPLIER			0.20			0.20 0.				0.20		400	0.20		0.20			0.20	0.34	201	0.20	0.34	02.	0.20	0.34	0.0	0.20	0.34	004						
AIR CHANGE HEAT LOSS			0.20	653	ľ		66			0.20	326		0.20	864	0.20	754			247		0.20	285		0.20	231		0.20	195							
AIR CHANGE HEAT GAIN				16	36	-	106				320	45		225			98		241	27		200	49		201	48			31						
DUCT LOSS				^ '`	,,,		n 100				0	45		337		294	30		96	21		0	40		0	40		0	31						
DUCT GAIN				,			0				U	0		372			341		30	31		U	0		U	0		U	0						
HEAT GAIN PEOPLE	240		2	48	·	0	0			1		240	1	240	١.	-	240	0		0			240	0		0			0						
HEAT GAIN APPLIANCES/LIGHTS	240		2			U	0			1			1		1			U		0	1			U		0	U		0						
TOTAL HT LOSS BTU/H				2547	00	40	319				1273	838		838 3708		3236	338		1061	U		1110	838		902	U		762	۰						
TOTAL HT GAIN x 1.3 BTU/H					55	10	1623					2083		5319			870		1001	449		1110	2150		902	738			475						
TOTAL HT GAIN X 1.3 BTO/H				42	ออ		1023	'				2003		5515						443			2130			130			4/3						
		•													1																				
ROOM USE		1		I V/DN		0	FF		KT/FM	1				I AIIN			<u>-</u>		FOY												WOD			BAS	
ROOM USE				LV/DN 21			FF 87		KT/FM					LAUN 21		W/R			FOY 33												WOD 38			BAS	
EXP. WALL				21		3	37		75					21		W/R 10			33												38			192	
	FACTO	RS.				3										W/R																			
EXP. WALL CLG. HT.	FACTO			21 11		3 1	37 11		75 11					21 12		W/R 10 11			33 11												38 10			192 10	
EXP. WALL CLG. HT. GRS.WALL AREA				21 11 231	AIN	3 1 4	37 11 07		75 11 825					21 12 252		W/R 10 11			33 11 363	GAIN											38 10 361	GAIN		192 10 1362	GAIN
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING	LOSS	GAIN		21 11 231 LOSS GA		3 1 4 LC	87 1 07 SS GAIN		75 11 825 LOSS GAIN					21 12 252 LOSS GAIN		W/R 10 11 110 LOSS G	AIN	ı	33 11 363 LOSS												38 10 361 LOSS		•	192 10 1362 LOSS	GAIN
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH	LOSS 17.9	GAIN 15.8	0	21 11 231 LOSS GA 0 ()	4 LC	87 11 07 0SS GAIN 0 0	0	75 11 825 LOSS GAIN 0 0					21 12 252 LOSS GAIN 161 143		W/R 10 11 110 LOSS G	AIN 0	0	33 11 363 LOSS 0	0											38 10 361 LOSS 0	0	9	192 10 1362	143
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST	17.9 17.9	15.8 41.4	0	21 11 231 LOSS GA 0 () :	3 1 4 LO 0 31 5	37 11 07 0SS GAIN 0 0 53 1284	0	75 11 825 LOSS GAIN 0 0 0 0					21 12 252 LOSS GAIN 161 143 0 0		W/R 10 11 110 LOSS G	AIN 0	0 20	33 11 363 LOSS 0 357	0 828											38 10 361 LOSS 0	0 0	0	192 10 1362 LOSS	143 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH	17.9 17.9 17.9	15.8 41.4 24.8	0 0 38	21 11 231 LOSS GA 0 (0 (678 94)) :	3 1 4 LC 0 31 5	87 11 07 0SS GAIN 0 0 53 1284 0 0	0 0	75 11 825 LOSS GAIN 0 0 0 0					21 12 252 LOSS GAIN 161 143 0 0 0 0		W/R 10 11 110 LOSS G. 0 0	AIN 0 0	0 20 0	33 11 363 LOSS 0 357 0	0 828 0					ΓΟW	/N O	F MI	LTO	Ī		38 10 361 LOSS 0 0	0 0 0	0	192 10 1362 LOSS	143 0 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST	17.9 17.9 17.9 17.9	15.8 41.4 24.8 41.4	0 0 38 0	21 11 231 LOSS GA 0 (0 (678 94)) 11)	3 1 4 LO 0 31 5	37 11 07 0SS GAIN 0 0 53 1284 0 0	0 0 0 120	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970	I			9 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0	0 0 0	W/R 10 11 110 LOSS G. 0 0 0	AIN 0 0 0	0 20 0	33 11 363 LOSS 0 357 0	0 828 0 0			PI AN	1			F MI		DN .	0 0 0	38 10 361 LOSS 0 0 0	0 0 0	0 0	192 10 1362 LOSS 161 0 0	143 0 0 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT.	17.9 17.9 17.9 17.9 30.6	15.8 41.4 24.8 41.4 101.2	0 0 38 0	21 11 231 LOSS GA 0 (678 94 0 (0 () 141 10	3 1 4 LC 0 31 5 0	37 11 07 0SS GAIN 0 0 53 1284 0 0 0 0	0 0 0 120	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0	I			9 0 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0	0 0 0	W/R 10 11 110 LOSS G. 0 0 0	AIN 0 0 0 0	0 20 0 0	33 11 363 LOSS 0 357 0 0	0 828 0 0		ion F		INING	ANE	DE)	√ELO	PMEN	ON NT	0 0 0 0 0	38 10 361 LOSS 0 0 0	0 0 0 0	0 0 0	192 10 1362 LOSS 161 0 0	143 0 0 0 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS	17.9 17.9 17.9 17.9 30.6 24.1	15.8 41.4 24.8 41.4 101.2 4.7	0 0 38 0 0	21 11 231 LOSS GA 0 (678 94 0 (0 (0 () 11 0 0	3 1 4 LC 0 31 5 0 0	87 11 07 0SS GAIN 0 0 53 1284 0 0 0 0	0 0 0 120 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0				9 0 0 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93	0 0 0 0 0	W/R 10 11 110 LOSS G 0 0 0	AIN 0 0 0 0 0	0 20 0 0 0	33 11 363 LOSS 0 357 0 0 0	0 828 0 0 0 93	MIL	IUN	В	T INING UILD	ANE	DEV PERM		PMEN	DN NT 3	0 0 0 0	38 10 361 LOSS 0 0 0 0	0 0 0 0	0 0 0 0 0	192 10 1362 LOSS 161 0 0	143 0 0 0 0 0 93
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL	17.9 17.9 17.9 17.9 30.6 24.1 2.6	15.8 41.4 24.8 41.4 101.2 4.7 0.5	0 0 38 0 0	21 11 231 LOSS GA 0 (678 94 0 (0 (0 (505 9) 141 0 0 0 0 8 3	3 4 LC 0 31 5 0 0 0 0	37 11 07 0SS GAIN 0 0 53 1284 0 0 0 0	0 0 0 120 0 0 705	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 0 1845 357				9 0 0 0 0 20 223	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93 583 113	0 0 0	W/R 10 11 110 LOSS G 0 0 0 0 0 0	AIN 0 0 0 0 0 0	0 20 0 0 0 20 20 323	33 11 363 LOSS 0 357 0 0 481 845	0 828 0 0 0 93 163	MIL		B NG: F	INING UILD REVIE	ANE ING F	DEN PERM D	VELO NT: 17	PMEN 7-7100	DN NT 3	0 0 0 0 0	38 10 361 LOSS 0 0 0 0 0	0 0 0 0 0	0 0 0 0 20	192 10 1362 LOSS 161 0 0 0 481	143 0 0 0 0 0 93
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6	0 0 38 0 0 0 193	21 11 231 LOSS GA 0 (678 94 0 (0 (505 9) 141) 0 0 0 8 3	3 1 4 LC 0 31 5 0 0 0 0 0 0 376 9	37 11 07 0SS GAIN 0 0 53 1284 0 0 0 0 0 0	0 0 0 120 0 0 705	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 0 1845 357 0 0				9 0 0 0 0 20 223 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93 583 113 0 0	0 0 0 0 0 0 0 110	W/R 10 11 110 LOSS G 0 0 0 0 0 0 0 288	AIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0	33 11 363 LOSS 0 357 0 0 0 481 845	0 828 0 0 0 93 163	BU SC	ILDII OTT	B NG: F SHE	INING UILD REVIE	ANE ING F	DEN PERM D	√ELO	PMEN 7-7103 5, 20	ON NT 3	0 0 0 0 0 0 0	38 10 361 LOSS 0 0 0 0 0 0 0 761	0 0 0 0 0 0 0	0 0 0 0 20 0 462	192 10 1362 LOSS 161 0 0 0 481	143 0 0 0 0 0 93 0 298
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (0 678 94 0 (0 0 (0 505 9) 141) 0 0 0 188 3	31 44 LCC 0 31 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 11 07 0SS GAIN 0 0 53 1284 0 0 0 0 0 0 0 0 84 190 0 0	0 0 120 0 0 705 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 0 1845 357 0 0 14 7				9 0 0 0 0 20 223 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 481 93 583 113 0 0 0 0	0 0 0 0 0 0 110 0	W/R 10 111 110 LOSS G. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0	33 11 363 LOSS 0 357 0 0 0 481 845 0	0 828 0 0 0 93 163 0	BU SC PLA	ILDII OTT	B NG: F SHE KAMIN	INING UILD REVIE RRIF	ANE ING F EWEE	D DEV PERM D	VELO MIT: 17 JUN 1	PMEN 7-7103 5, 20	NNT 3 217 TE	0 0 0 0 0 0 0	38 10 361 LOSS 0 0 0 0 0 0 0 761	0 0 0 0 0 0 0 147	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 0 481	143 0 0 0 0 0 93 0 298
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (678 94 0 (678 95) 0 (678 96) 0 (678 96) 0 (678 96) 0 (678 96) 0 (678 96)) : : : : : : : : : : : : : : : : : : :	31 44 LCC 0 31 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 11 07 08S GAIN 0 0 53 1284 0 0 0 0 0 0 0 0 0 0 0 0	0 0 120 0 0 705 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 0 1845 357 0 0 14 7 0 0				9 0 0 0 20 223 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 481 93 583 113 0 0 0 0	0 0 0 0 0 110 0	W/R 10 11 110 LOSS G. 0 0 0 0 0 0 288 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AIN 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0	33 11 363 LOSS 0 357 0 0 481 845 0 0	0 828 0 0 0 93 163 0	BU SC PLA Neit	ILDII OTT NS EX	NG: F SHE KAMIN e issua	INING UILD REVIE RRIF ER nce of a	ANE ING F WED FS	D DEN PERM D	VELO IIT: 17 JUN 1	PMEN 7-7103 5, 20 DA out of	ON NT 3	0 0 0 0 0 0 0 0 228 0	38 10 361 LOSS 0 0 0 0 0 0 0 761 0	0 0 0 0 0 0 0 147 0	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 0 481 0 1542 0	143 0 0 0 0 0 93 0 298 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BANT WALL ABOVE GR EXPOSED CLG NO ATTIC EXPOSED CLG EXPOSED FLOOR	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (0 678 94 0 (0 0 (0 505 9) : : : : : : : : : : : : : : : : : : :	31 40 40 40 40 40 40 40 40 40 40 40 40 40	37 11 07 0SS GAIN 0 0 53 1284 0 0 0 0 0 0 0 0 84 190 0 0	0 0 120 0 0 705 0	75 11 825 LOSS GAIN 0 0 0 0 2142 4970 0 0 0 0 1845 357 0 0 14 7 0 0	I			9 0 0 0 0 20 223 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 481 93 583 113 0 0 0 0	0 0 0 0 0 0 110 0	W/R 10 11 110 LOSS G. 0 0 0 0 0 0 288 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0	33 11 363 LOSS 0 357 0 0 481 845 0 0	0 828 0 0 0 93 163 0	BU SC PLA Neit insp	OTT NS EX	B NG: F SHE KAMIN e issual s by the	INING UILD REVIE RRIF ER nce of a	ANE ING F EWED FS	D DEN PERM D t nor ca	JUN 1	5, 20 DA	ON NT 3	0 0 0 0 0 0 0	38 10 361 LOSS 0 0 0 0 0 0 0 761	0 0 0 0 0 0 0 147	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 481 0 1542 0 0	143 0 0 0 0 0 93 0 298
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (0 678 94 0 (0 505 9 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0)))) : : : : : : : : : : : : : : : : : : :	3 1 1 4 LCC 0 3 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 11 07 0SS GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 120 0 0 705 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 0 1845 357 0 0 14 7 0 0 0 0				9 0 0 0 20 223 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93 583 113 0 0 0 0 0 0 0 0	0 0 0 0 0 110 0	W/R 10 11 110 LOSS G 0 0 0 0 288	AIN 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0	33 11 363 LOSS 0 357 0 0 481 845 0 0 0	0 828 0 0 0 93 163 0	BU SC PLA Neitinsp full r	ILDII OTT NS EX her the ections respon Ontario	NG: F SHE KAMIN e issuar s by the sibility o Buildi	INING UILD REVIE RRIF ER nce of a e Town for com	ANE ING F EWED FFS a permit of Milto opliance tle Act a	D DEV PERM D t nor ca on relive with the	JUN 1 arrying of the providence providence of the providence of t	5, 20 DA ut of wner fresions of Building	DN NT 3	0 0 0 0 0 0 0 0 228 0	38 10 361 LOSS 0 0 0 0 0 0 761 0	0 0 0 0 0 0 0 147 0	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 0 481 0 1542 0	143 0 0 0 0 0 93 0 298 0
EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED WALL NO ATTIC EXPOSED CLG EXPOSED FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (0 678 94 0 (0 0 (0 505 9 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0) : : : : : : : : : : : : : : : : : : :	31 44 LCC 0 31 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 11 07 SSS GAIN 0 0 53 1284 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 120 0 0 705 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 0 1845 357 0 0 0 14 7 0 0 0 0 0				9 0 0 0 20 223 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 481 93 583 113 0 0 0 0 0 0 0 0	0 0 0 0 0 110 0	W/R 10 11 110 LOSS G. 0 0 0 0 0 288 0 0 0 0 0 0 0 0 0 0 0 0 0	AIN 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0 0	33 11 363 LOSS 0 357 0 0 481 845 0 0 0	0 828 0 0 0 93 163 0	BU SC PLA Neiti insp full r	ILDII OTT NS E) her the ections respon Ontarice, both	B NG: F SHE KAMIN e issuar s by the sibility o Buildin as am	INING UILD REVIEE ER nce of a e Town for com for com	ANE ING F EWED FS a permit of Milto opliance de Act a , as wel	t nor ca con relive with the	JUN 1 arrying of esthe of the provision on the provision of the provision	PMEN 7-7103 5, 20 DA out of where from the sions of Building in the sions of Building in the sions of Building in the sions of the sion	DN NT 3	0 0 0 0 0 0 0 0 228 0	38 10 361 LOSS 0 0 0 0 0 0 761 0	0 0 0 0 0 0 0 147 0	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 0 481 0 1542 0 0 0 6615	143 0 0 0 0 0 93 0 298 0
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 FLOOR BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 0 193 0	21 11 231 LOSS GA 0 (0 678 94 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0 () 141 0 0 0 8 3 0 0	3 1 1 4 LCC 0 3 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 11 07 SSS GAIN 0 0 53 1284 0 0 0 0 0 0 84 190 0 0 0 0 0 0 0 0 0 0	0 0 120 0 0 705 0 10 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 2142 4970 0 0 1845 357 0 0 14 7 0 0 0 0 0 0				9 0 0 0 20 223 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93 583 113 0 0 0 0 0 0 0 0	0 0 0 0 0 110 0	W/R 10 11 110 LOSS G 0 0 0 0 0 288 0 0 0 0 288	AIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0 0	33 11 363 LOSS 0 357 0 0 481 845 0 0 0	0 828 0 0 0 93 163 0 0	BU SC PLA Neiti insperfull r the cod state	ILDII OTT NS EX her the ections respon Ontario le, both utes ar	BNG: F SHE KAMIN e issual s by the sibility D Buildin as arm nd regu	INING UILD REVIE ER nce of a com for com for com fing Cod alations	ANE ING F EWEL FS a permir of Miltonpliance le Act a , as well of the F	t nor ca con relive with the and the Il as oth	JUN 1 arrying of the provision of the p	PMEN 7-7103 5, 20 DA out of wher from the sions of Building incable otario,	DN NT 3	0 0 0 0 0 0 0 0 228 0	38 10 361 LOSS 0 0 0 0 0 0 761 0	0 0 0 0 0 0 147 0	0 0 0 0 20 0 462 0	192 10 1362 LOSS 161 0 0 481 0 1542 0 0	143 0 0 0 0 93 0 298 0 0
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EXP. WALL CLG. HT. GRS.WALL AREA GLAZING NORTH EAST SOUTH WEST SKYLT. DOORS NET EXPOSED WALL NET EXPOSED BSMT WALL ABOVE GR EXPOSED CLG NO ATTIC 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 LOSS DUCT GAIN DUCT LOSS DUCT GAIN HEAT GAIN PEOPLE	17.9 17.9 17.9 17.9 30.6 24.1 2.6 3.3 1.4 2.2 2.2	15.8 41.4 24.8 41.4 101.2 4.7 0.5 0.6 0.7	0 0 38 0 0 193 0 0 0	21 11 231 LOSS GA 0 (678 94 0 (0 0 0 (0 0 0 0 1183 10 0.61 720 9	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 4 LC C C C C C C C C C C C C C C C C C	87 11 07 0SS GAIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 120 0 0 705 0 10 0 0	75 11 825 LOSS GAIN 0 0 0 0 0 0 0 2142 4970 0 0 0 1845 357 0 0 0 14 7 0 0 0 0 0 4001 5334 0.61 2434 496 0 0 240				9 0 0 0 20 2223 0 0 0 0	21 12 252 LOSS GAIN 161 143 0 0 0 0 0 0 0 0 481 93 583 113 0 0 0 0 0 0 0 0 1225 348 0.61 746 32 0 0	0 0 0 0 0 0 110 0 0 0	W/R 10 11 110 LOSS G 0 0 0 0 0 0 288 0 0 0 0 288 0 0 463	AIN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 20 323 0 0 0	33 11 363 LOSS 0 357 0 0 0 481 845 0 0 0 0 1683	0 828 0 0 0 93 163 0 0 0	BU SC PLA Neiti insperfull r the cod state	ILDII OTT NS EX her the ections respon Ontario le, both utes ar	BNG: F SHE KAMIN e issual s by the sibility D Buildin as arm nd regu	INING UILD REVIE ER nce of a Town ing Cod illations	G ANE ING F EWED FS a permit of Milto opliance le Act a , as we' of the F f Halton R TOW	t nor ca on reliving the with the end the lil as oft Province and To ECI /N O AY 3	JUN 1 arrying of the provision of the p	5, 20 DA out of where from the sions of Building icable trans, wilton	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0	38 10 361 LOSS 0 0 0 0 0 0 761 0	0 0 0 0 0 0 0 0 147 0 0 0	0 0 0 0 20 0 462 0 0	192 10 1362 LOSS 161 0 0 0 481 0 1542 0 0 6615 8799	143 0 0 0 0 93 0 298 0 0 0 534

TOTAL HEAT GAIN BTU/H:

41666 TONS: 3.47

LOSS DUE TO VENTILATION LOAD BTU/H: 2552

STRUCTURAL HEAT LOSS: 51988

TOTAL COMBINED HEAT LOSS BTU/H: 54541

Mehad Oxombe. INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE



		: LECCO : GREENI		OMES				TYPE:	LOT 317 JUNIPER	8 9			DATE:	Jun-17			GFA:	3467	LO#	74047				
HEATING CFM TOTAL HEAT LOSS AIR FLOW RATE CFM	51,988		TOTAL H	DLING CFM HEAT GAIN RATE CFM	41,173		а	furr a/c coil vailable	pressure pressure pressure s/a & r/a	0.6 0.05 0.2 0.35						ļ	AMVC9608 FAN		* AMANA 80 1316	1		AFUE = (BTU/H) = (BTU/H) =	80,000	
RUN COUNT S/A	4th	3rd 0	2nd 13	1st 8	Bas 5		nle	anum nre	ssure s/a	0.18		r/a	pressure	0.17				EDLOW MEDIUM	0 1389		DESI	GN CFM =	1316 6 " E.S.P.	_
R/A	0	0	5	2	1				ress. loss	0.18	r/a	grille pre						M HIGH	0			CI W W	0 L.O.I .	
All S/A diffusers 4"x10" unl				out.			min adjı	isted pre	ssure s/a	0.16	adj	usted pre	ssure r/a	0.15				HIGH	1396	Т	EMPERAT	URE RISE	54	_ °F
All S/A runs 5"Ø unless no	ted other	rwise on la	ayout. 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	, BATH	BED-3	BED-4	MBR	ENS-2	LV/DN	OFF	KT/FM	KT/FM	KT/FM	LAUN	W/R	FOY	ENS-4	BED-5	BAS	BAS	BAS
RM LOSS MBH.	1.27	0.91	0.91	1.27	1.85	1.62	1.06	1.85	1.62	1.27	0.76	1.90	2.47	2.14	2.14	2.14	1.97	0.46	2.71	0.90	1.11	3.92	3.92	3.92
CFM PER RUN HEAT RM GAIN MBH.	32 2.13	23 0.81	23 0.81	32 2.08	47 2.66	41 2.44	27 0.45	47 2.66	41 2.44	32 2.13	19 0.47	48 2.56	63 3.18	54 2.99	54 2.99	54 2.99	50 1.90	12 0.08	69 1.54	23 0.74	28 2.15	99 0.19	99 0.19	99 0.19
CFM PER RUN COOLING		26	26	67	85	78	14	85	78	68	15	82	102	96	96	96	61	3	49	24	69	6	6	6
ADJUSTED PRESSURE		0.17	0.17	0.17	0.16	0.17	0.17	0.16	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
ACTUAL DUCT LGH.	27	59	43	47	47	75	51	50	66	41	21	39	59	22	31	39	44	19	45	65	50	38	18	13
EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH	160 187	150 209	120 163	160 207	120 167	160 235	160 211	130 180	130 196	130 171	170 191	140 179	140 199	150 172	140 171	110 149	110 154	140 159	130 175	140 205	150 200	100 138	110 128	150 163
ADJUSTED PRESSURE		0.08	0.11	0.08	0.1	0.07	0.08	0.09	0.09	0.1	0.09	0.09	0.08	0.09	0.09	0.11	0.11	0.11	0.1	0.08	0.09	0.12	0.13	0.1
ROUND DUCT SIZE		4	4	5	5	6	4	5	5	5	4	5	6	6	6	5	5	4	5	4	5	5	5	6
HEATING VELOCITY (ft/min)	235	264	264	235	345	209	310	345	301	235	218	352	321	275	275	396	367	138	507	264	206	727	727	505
COOLING VELOCITY (ft/min) OUTLET GRILL SIZE	499 3X10	298 3X10	298 3X10	492 3X10	624 3X10	398 4X10	161 3X10	624 3X10	573 3X10	499 3X10	172 3X10	602 3X10	520 4X10	489 4X10	489 4X10	705 3X10	448 3X10	34 3X10	360 3X10	275 3X10	507 3X10	44 3X10	44 3X10	31 4X10
TRUNK	В	A	В	A	D	C	D	D	C	В	В	D	C	В	A	A	A	D	C	C	D	A	В	D
RUN # ROOM NAME RM LOSS MBH.	25 BAS 3.92	26 BAS 3.92																						
CFM PER RUN HEAT	99	99																						
RM GAIN MBH. CFM PER RUN COOLING	0.19 6	0.19 6																						
OF MET ENVIRON GOODEING																								
ADJUSTED PRESSURE		0.16																						
ACTUAL DUCT LGH.	0.16 37	0.16 49																				DEC	EIV/EI	
ACTUAL DUCT LGH. EQUIVALENT LENGTH	0.16 37 120	0.16 49 140																			_		EIVE[
ACTUAL DUCT LGH.	0.16 37 120 157	0.16 49 140 189																			Т	OWN C	F MILT	ΓΟΝ
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE	0.16 37 120 157	0.16 49 140 189 0.09 6																			Т	OWN C		ΓΟΝ
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min)	0.16 37 120 157 0.1 6 505	0.16 49 140 189 0.09 6 505																			Т	OWN C	F MILT	ΓΟΝ
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min)	0.16 37 120 157 0.1 6 505 31	0.16 49 140 189 0.09 6 505 31																				OWN C	OF MILT 30, 201 -7103	TON 7
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min)	0.16 37 120 157 0.1 6 505 31	0.16 49 140 189 0.09 6 505																				OWN C MAY 3 17-	OF MILT 30, 201 -7103	TON 7
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK	0.16 37 120 157 0.1 6 505 31 4X10	0.16 49 140 189 0.09 6 505 31 4X10															RETURN A	NR TRUNK	(SIZE			OWN C MAY 3 17-	OF MILT 30, 201 -7103	TON 7
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) OUTLET GRILL SIZE	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	ROUND	RECT			VELOCITY			TRUNK	STATIC	ROUND	RECT			VELOCITY	RETURN A	TRUNK	STATIC	ROUND	B	OWN C MAY 3 17-	OF MILT 30, 201 -7103	FON 7 SION VELOCITY
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (flymin) COOLING VELOCITY (flymin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	DUCT	DUCT			(ft/min)			CFM	PRESS.	DUCT	DUCT			(ft/min)		TRUNK CFM	STATIC PRESS.	DUCT	RECT DUCT	OWN C MAY 3 17- UILDING	DF MILT 30, 201 7103 G DIVIS	TON 7 SION VELOCITY (ft/min)
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	_{DUCТ} 9.1	DUСТ 10	×	8 8	(ft/min) 562		TRUNK G	CFM 0	PRESS. 0.00	DUCT 0	DUCT 0	×	8 8	(ft/min)	TRUNK O	TRUNK CFM 0	STATIC PRESS. 0.05	DUCT 0	RECT DUCT 0	MAY 3 17- UILDING	DF MILT 30, 201 7103 G DIVIS	VELOCITY (ft/min)
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (flymin) COOLING VELOCITY (flymin) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	DUCT	DUCT	x x x	8 8 8	(ft/min)		TRUNK G TRUNK H TRUNK I	CFM	PRESS.	DUCT	DUCT	X X X	8 8 8	(ft/min)		TRUNK CFM	STATIC PRESS.	DUCT	RECT DUCT	OWN C MAY 3 17- UILDING	DF MILT 30, 201 7103 G DIVIS	TON 7 SION VELOCITY (ft/min)
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK D TRUNK D TRUNK D	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	9.1 11.4 9.6 13	10 16 10 20	x x x	8 8 8	(ft/min) 562 642 605 669		TRUNK H TRUNK I TRUNK J	0 0 0 0	0.00 0.00 0.00 0.00 0.00	0 0 0 0	0 0 0 0	x	8 8 8	(ft/min) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R	TRUNK CFM 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05	0 0 0 0	RECT DUCT 0 0 0	MAY 3 17- UILDING	8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK C	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C static press. 0.08 0.08 0.07 0.07	9.1 11.4 9.6 13 0	10 16 10 20 0	x x x	8 8 8 8	(ft/min) 562 642 605 669 0		TRUNK H TRUNK I TRUNK J TRUNK K	0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0	0 0 0 0 0	x x	8 8 8	(ft/min) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S	TRUNK CFM 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05	0 0 0 0 0	RECT DUCT 0 0 0 0 0 0	MAY 3 17- UILDING	8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK D TRUNK D TRUNK D	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C	9.1 11.4 9.6 13	10 16 10 20	x x x	8 8 8	(ft/min) 562 642 605 669		TRUNK H TRUNK I TRUNK J	0 0 0 0	0.00 0.00 0.00 0.00 0.00	0 0 0 0	0 0 0 0	x x x	8 8 8	(ft/min) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R	TRUNK CFM 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05	0 0 0 0	RECT DUCT 0 0 0	MAY 3 17- UILDING	8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK F	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CEM 312 571 336 743 0	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0	10 16 10 20 0	x x x x	8 8 8 8 8	(ft/min) 562 642 605 669 0		TRUNK H TRUNK I TRUNK J TRUNK K	0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0	0 0 0 0 0	x x x	8 8 8	(ft/min) 0 0 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK U	TRUNK	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 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	MAY S 17- UILDING X X X X X X X	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
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK C	0.16 37 120 157 0.1 6 505 31 4X10 D	0.16 49 140 189 0.09 6 505 31 4X10 C static press. 0.08 0.08 0.07 0.07	9.1 11.4 9.6 13 0	10 16 10 20	x x x	8 8 8 8	(ft/min) 562 642 605 669 0	0	TRUNK H TRUNK I TRUNK J TRUNK K	0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0	0 0 0 0 0	x x x	8 8 8	(ft/min) 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T	TRUNK	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 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	MAY 3 17- UILDING	8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 189 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0	10 16 10 20 0 0	x x x x x x	8 8 8 8 8 8 0 345	(ft/min) 562 642 605 669 0 0	Ō	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L	0 0 0 0 0 0 0 0	PRESS. 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	x x x x x	8 8 8 8 8	(ft/min) 0 0 0 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK U TRUNK W TRUNK W TRUNK Y	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 886 655	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 26 22	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 613 536
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK C TRUNK D TRUNK C TRUNK D TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0	10 16 10 20 0 0 0	x x x x x x	8 8 8 8 8 8 6 0 345 0.15	(ft/min) 562 642 605 669 0 0	0 0.15	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0 0.15	O O O O	PRESS. 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 0 0 0 0 0	x x x x x	8 8 8 8 8 0 0 0.15	(ff/min) 0 0 0 0 0 0 0 0 8 BR 231 0.15	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK C TRUNK C TRUNK F	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 189 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0	10 16 10 20 0 0	x x x x x x	8 8 8 8 8 8 0 345	(ft/min) 562 642 605 669 0 0	Ō	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L	0 0 0 0 0 0 0 0	PRESS. 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	x x x x x	8 8 8 8 8	(ft/min) 0 0 0 0 0 0 0	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK U TRUNK W TRUNK W TRUNK Y	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 886 655	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 26 22	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (ft/min) 0 0 0 0 0 0 0 0 0 0 613 536
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) 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 DUCT LGH. EQUIVALENT LGH. EQUIVALENT LGH. EQUIVALENT LGH. EQUIVALENT LGH. EQUIVALENT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CEM 312 571 336 743 0 0	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0 3 0 175 0.15 57 160 217	10 16 10 20 0 0 0 0 4 0 85 0.15 59 195 254	x x x x x x 5 0 175 0.15 22 185 207	8 8 8 8 8 8 8 6 0 345 0.15 24 225 249	(ft/min) 562 642 605 669 0 0	0 0.15 1 0	TRUNK H TRUNK J TRUNK K TRUNK L 0 0 0 1.15 1 0 1	CFM 0 0 0 0 0 0 0 0 0 0 15 1 0 1 1	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	O O O O O O O O O O O O O O O O O O O	x x x x x x x x 0 0 0 0.15 1 0 1	8 8 8 8 8 8 0 0.15 1	(ft/min) 0 0 0 0 0 0 0 0 0 0 1 14 145 159	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK C TRUNK D TRUNK C TRUNK D TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH ADJUSTED PRESSURE	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0 3 0 175 0.15 57 160 217 0.07	10 16 10 20 0 0 0 0 4 0 85 0.15 59 195 254 0.06	x x x x x x 5 0 175 0.15 22 185 207 0.07	8 8 8 8 8 8 8 0 345 0.15 24 225 249 0.06	(ft/min) 562 642 605 669 0 0 7 0 85 0.15 54 205 259 0.06	0 0.15 1 0 1 14.80	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0.15 1 0 1 14.80	OFM O O O O O O O O O O O O O O O O O O	0 0 0.15 1 14.80	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 0 1 1 1 1 1 1	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	(ft/min) 0 0 0 0 0 0 0 0 0 0 0 1 14 145 159 0.09	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK C TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH ADJUSTED PRESSURE ROUND DUCT SIZE	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0 135 0.15 42 230 272 0.05 7.5	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.07 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0 0 3 0 175 0.15 57 160 217 0.07 7.5	10 16 10 20 0 0 0 0 85 0.15 59 195 254 0.06 6	x x x x x x 5 0 175 0.15 22 185 207 0.07 7.5	8 8 8 8 8 8 8 8 8 0 345 0.15 24 225 249 0.06 10.1	(ft/min) 562 642 605 669 0 0 7 0 85 0.15 54 205 259 0.06 6	0 0.15 1 0 1 14.80	TRUNK H TRUNK J TRUNK S TRUNK K TRUNK L 0 0 0.15 1 0 1 14.80 0	OFM 0 0 0 0 0 0 0 0 0 0 0 15 1 0 0 14.80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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 0 1 1 1 14.80	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 0 0 0.15 1 0 1 14.80	8 8 8 8 8 8 0 0 0.15 1 0 1 14.80	BR 231 0.15 14 145 159 0.09 7.9	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ft/min) COOLING VELOCITY (ft/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK C TRUNK D TRUNK C TRUNK D TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH ADJUSTED PRESSURE	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0 3 0 175 0.15 57 160 217 0.07	10 16 10 20 0 0 0 0 4 0 85 0.15 59 195 254 0.06	x x x x x x 5 0 175 0.15 22 185 207 0.07	8 8 8 8 8 8 8 0 345 0.15 24 225 249 0.06	(ft/min) 562 642 605 669 0 0 7 0 85 0.15 54 205 259 0.06	0 0.15 1 0 1 14.80	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0.15 1 0 1 14.80	OFM O O O O O O O O O O O O O O O O O O	0 0 0.15 1 14.80	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 0 1 1 1 1 1 1	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	(ft/min) 0 0 0 0 0 0 0 0 0 0 0 1 14 145 159 0.09	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484
ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK SUPPLY AIR TRUNK SIZE TRUNK A TRUNK B TRUNK C TRUNK D TRUNK C TRUNK F RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH ADJUSTED PRESSURE ROUND DUCT SIZE	0.16 37 120 157 0.1 6 505 31 4X10 D TRUNK CFM 312 571 336 743 0 0	0.16 49 140 189 0.09 6 505 31 4X10 C STATIC PRESS. 0.08 0.07 0.07 0.00 0.00	9.1 11.4 9.6 13 0 0 175 0.15 57 160 217 0.75 8	10 16 10 20 0 0 0 4 0 85 0.15 59 195 254 0.06 6 8	x x x x x x x 5 0 175 0.15 22 185 207 0.07 7.5 8	8 8 8 8 8 8 8 8 6 0 0.15 24 225 249 0.06 10.1	(ft/min) 562 642 605 669 0 0 0 7 0 85 0.15 54 205 259 0.06 6 8	0 0.15 1 0 1 14.80 0	TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L 0 0 0.15 1 0 1 14.80 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 4.80 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.15 1 0 14.80 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 14.80 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0	x x x x x x 0 0 0.15 1 0 1 14.80 0	8 8 8 8 8 8 0 0 0.15 1 0 1 14.80 0	BR 231 0.15 14 145 159 0.09 7.9 8	TRUNK O TRUNK P TRUNK Q TRUNK R TRUNK S TRUNK T TRUNK U TRUNK V TRUNK W TRUNK W TRUNK Y TRUNK Y TRUNK Z	TRUNK CFM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC PRESS. 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	0 0 0 0 0 0 0 0 0 0 0 0 0 15.1 13.5 11.5	RECT DUCT 0 0 0 0 0 0 0 0 0 0 0 0 26 22 16	X X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8 8 8 8 8 8	VELOCITY (tt/min) 0 0 0 0 0 0 0 0 0 0 0 0 13 536 484



TYPE: SITE NAME:

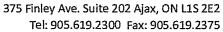
JUNIPER 9

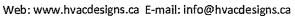
LECCO RIDGE

RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

LO # 74047 LOT 317

COMBUSTION APPLIANCES	9.32.3.1(1)	SUPPLEMENTAL VEN	ITILATION CAPACITY		9.32.3.5.
e) V Direct vent (sealed combustion) only		Total Ventilation Capaci	ity	201.4	cfm
b) Positive venting induced draft (except fireplaces)		Less Principal Ventil. Ca	apacity	96	cim
c) Natural draft, B-vent or induced draft gas fireplace		Required Supplemental	Capacity	105.4	cfm
d) Solid Fuel (including fireplaces)	***************************************				
e) No Combustion Appliances		PRINCIPAL EXHAUST	FAN CAPACITY		
		Model:	VANEE 50H	Location:	BSMT
HEATING SYSTEM		96.0 c	fmson	es	HVI Approved
Forced Air Non Forced Air		PRINCIPAL EXHAUST	HEAT LOSS CALCULATION ΔΤ *F	N FACTOR	% LOSS
Figure Course Dead			X 72 F X		X 0.34
Electric Space Heat		SUPPLEMENTAL FAN	is .	NUTONE	
		Location	Model	cfm	HVI Sones
HOUSE TYPE	9.32.1(2)	ENS BATH	QTXEN050C QTXEN050C	50 50	✓ 0.3 ✓ 0.3
✓ I Type e) or b) appliance only, no solid fuel		ENS-2	QTXEN050C	50	√ 0.3
		W/R	QTXEN050C	50	√ 0.3
II Type I except with solid fuel (including firepieces)		HEAT RECOVERY VE			9.32.3.11.
III Any Type c) appliance		Model: 96	VANEE 50H cfm high	47	cfm low
IV Type I, or II with electric space heat		66	% Sensible Efficiency	1	✓ HVI Approved
Other: Type I, II or IV no forced air			@ 32 deg F (0 deg C)		- Avr Approved
		LOCATION OF INSTAL	LATION	DE	OEIVED.
SYSTEM DESIGN OPTIONS	O.N.H.W.P.				CEIVED NOF MILTON
4 Subgrat ont/Parad Air Syntam		Lot:		Cd	Y 30, 2017
1 Exhaust only/Forced Air System	Ì	Township			17-7103
2 HRV with Ducting/Forced Air System		Address		BUILDI	ING DIVISION
HRV Simplified/connected to forced air system				TOWN	
4 HRV with Ducting/non forced air system		Roll#		IING AND DE	OF MILTON EVELOPMENT
Part 6 Design		BUILDER:	GR BU		MIT: 17-7103
-		Name:	BUILDING: RE SCOTT SHER		JUN 15, 2017
TOTAL VENTILATION CAPACITY	9.32.3.3(1)	Address:	PLANS EXAMINED Neither the issuance		DATE part of
Basement + Mester Bedroom 2 @ 21.2 cfm 42.4	cfm	City:		Town of Milton rel	ives the owner from
Other Bedrooms 4 @ 10.6 cfm 42.4	cfm		the Ontario Building Code, both as ame	Code Act and th	e Ontario Building
		Telephone #:	statutes and regula	tions of the Provir	nce on Ontario,
Kitchen & Bathrooms	cfm	INSTALLING CONTRA	CTOR		
Other Rooms <u>5</u> @ 10.6 cfm <u>53.0</u>	cfm	Name:			
Teble 9.32.3.A. TOTAL <u>201.4</u>	cfm	Address:		·····	
		City:			
PRINCIPAL VENTILATION CAPACITY REQUIRED	9.32.3.4.(1)	Telephone #:		Fax #:	
1 Bedroom 31.8 cfm					
2 Bedroom 47.7 cfm		DESIGNER CERTIFICATION I hereby certify that this	∖TION ∨entilation system hes been o	tesigned	
3 Bedroom 63.6 cfm		In eccordance with the C			
4 Bedroom 79.5 cfm		Signature:	MA.	10/21.	·*
5 Bedroom 95,4 cfm		HRAI#	700 1000	001820	-
More than 5 - Part 6 TOTAL 95.4 cfm		Date:		May-17	
REVIEW AND TAKE RESPONBILITY FOR THE DESIGN WORK AND AM QUAL	JFIED IN THE APPR		HER DESIGNER" UNDER DIVISION (DING CODE.







HEAT LOSS AND GAIN SUMMARY SHEET

MODEL:	JUNIPER 9	1	OT 317	BUILDER: GREENPARK HOM	ES.
SFQT:	3467		74047	SITE: LECCO RIDGE	
DESIGN A	SSUMPTIONS				
				4	
HEATING			°F	COOLING	°F
	R DESIGN TEMP.		0	OUTDOOR DESIGN TEMP.	86
INDOOR D	DESIGN TEMP.		72	INDOOR DESIGN TEMP. (MAX 75°F)	72
BUILDING	DATA				
ATTACHIV	IENT:	[DETACHED	# OF STORIES (+BASEMENT):	3
FRONT FA	CES:		EAST	ASSUMED (Y/N):	Υ
AIR CHAN	GES PER HOUR:		3.57	ASSUMED (Y/N):	· Y
AIR TIGHT	NESS CATEGORY:		AVERAGE	ASSUMED (Y/N):	Y
WIND EXF	POSURE:	S	HELTERED	ASSUMED (Y/N):	Υ
HOUSE V	OLUME (ft³):		47572.5	ASSUMED (Y/N):	Υ
INTERNAL	SHADING:	BLINDS/	CURTAINS	ASSUMED OCCUPANTS:	6
INTERIOR	LIGHTING LOAD (Btu/ł	ı/ft²):	1.50	DC BRUSHLESS MOTOR (Y/N):	Υ
FOUNDAT	TION CONFIGURATION		BCIN_1	DEPTH BELOW GRADE:	6.5 ft
LENGTH:	58.0 ft	WIDTH:	38.0 ft	EXPOSED PERIMETER:	192.0 ft

2012 OBC - COMPLIANCE PACKAGE		
Component		Compliance Package ENERGYSTAR
Celling 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 RSI	(R)-Value	-
Edge of Below Grade Slab ≤ 600 mm Below Grade Minimum RSI (R)-Va	ilue	10
Heated Slab or Slab ≤ 600 mm below grade Minimum RSI (R)-Value		10
Windows and Sliding Glass Doors Maximum U-Value	RECEIVED TOWN OF MILTON	ZONE 2
Skylights Maximum U-Value		ZONE 2
Space Heating Equipment Minimum AFUE	MAY 30, 2017 17-7103	0.95
HRV Minimum Efficiency	BUILDING DIVISION	6 5%
Domestic Hot Water Heater Minimum EF	BUILDING DIVISION	90% TE

INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE





Residential Foundation Thermal Load Calculator

Supplemental tool for CAN/CSA-F280

We	eather Stat	ion Description									
Province:	Ontario										
Region:	Milton										
	Site De	escription									
Soil Conductivity: Normal conductivity: dry dand, loam, clay											
Water Table: Normal (7-10 m, 23-33 ft)											
	Foundation Dimensions										
Floor Length (m):	17.7										
Floor Width (m):	11.6										
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										
	Radia	nt Slab									
Heated Fraction of the Slab:	0										
Fluid Temperature (°C):	33										
	Design	Months									
Heating Month	1										
	Foundat	ion Loads									
Heating Load (Watts):		1938									

TYPE: JUNIPER 9 **LO#** 74047

LOT 317

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7103 BUILDING DIVISION



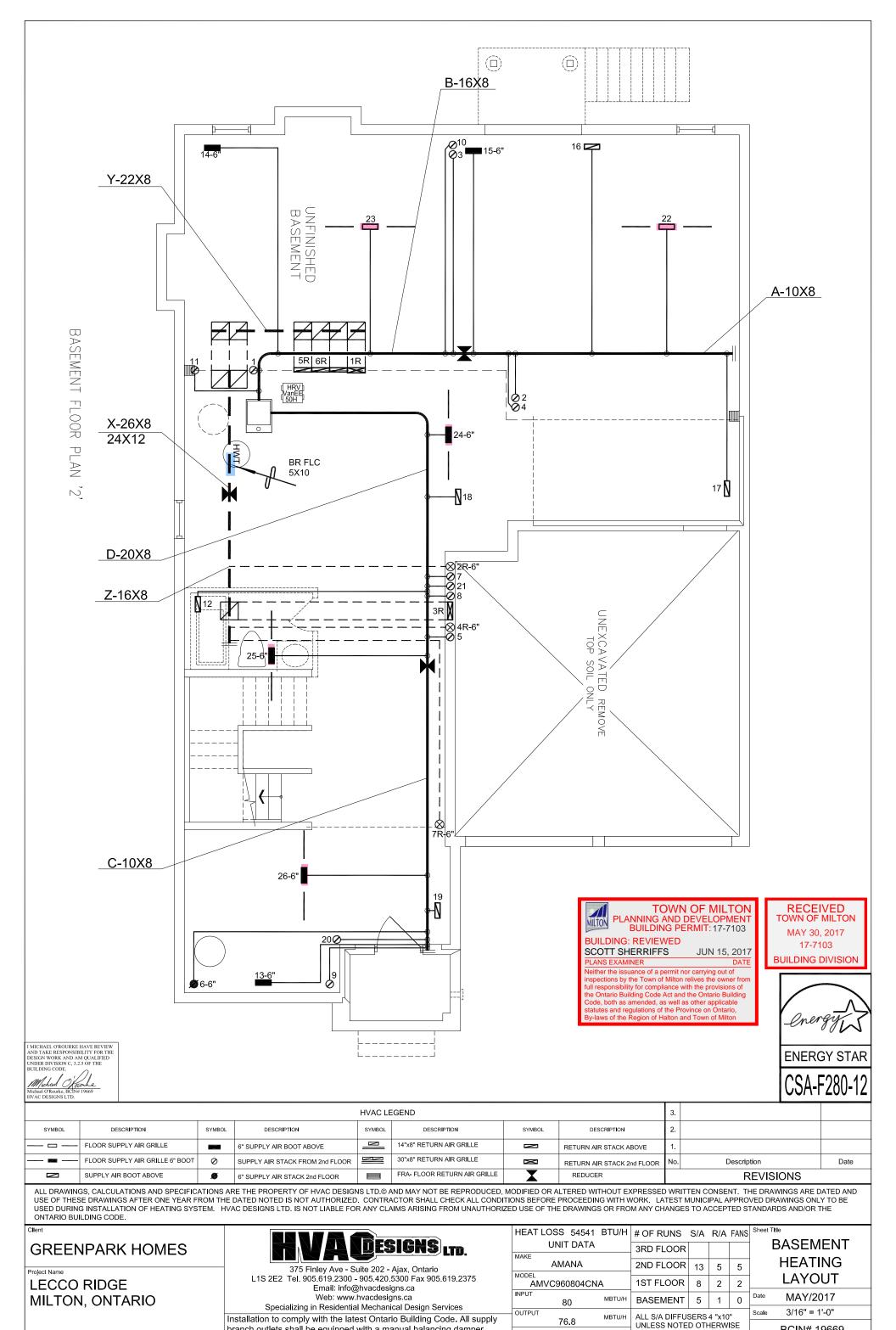
Air Infiltration Residential Load Calculator

Supplemental tool for CAN/CSA-F280

Weather Sta	ation De	scri	pti	on		
Province:	Ont	ario				
Region:	Milt	on				
Weather Station Location:	Оре	n fla	t ter	rain, {	grass	
Anemometer height (m):	10					
Loca	l Shieldi	ng				
Building Site:	Sub	urbai	າ, fc	rest		
Walls:	Hea	vy				
Flue:	Hea	vy				
Highest Ceiling Height (m):	7.02	-				
Building	Configu	ratio	on			
Type:	Det	ache	t			
Number of Stories:	Two)				
Foundation:	Full					
House Volume (m³):	139	1.2				
Air Leaka	ge/Vent	ilati	ion			
Air Tightness Type:	Pres	ent (196	1-) (3	.57 ACI	H)
Custom BDT Data:	ELA	@ 10) Pa			1854.6 cm ²
	3.5	7				ACH @ 50 Pa
Mechanical Ventilation (L/s):		Γotal	Supp	oly		Total Exhaust
		45	5.3			45.3
FI	ue Size					
Flue #:	#1	#	2	#3	#4	
Diameter (mm):	0	()	0	0	
Natural In	filtratio	n Ra	ite	S		
Heating Air Leakage Rate (ACH/	H):		0	.31	6	
Cooling Air Leakage Rate (ACH/	H):		0	.10	8	

TYPE: JUNIPER 9 LOT 317 **LO#** 74047

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7103 BUILDING DIVISION



branch outlets shall be equipped with a manual balancing damper.

adequately insulated and be gas-proofed.

3481 sqft

Ductwork which passes through the garage or unheated spaces shall be

LOT 317

JUNIPER 9

COOLING

FAN SPEED

3.5

1316

cfm @ 0.5" w.c

BCIN# 19669

LO#

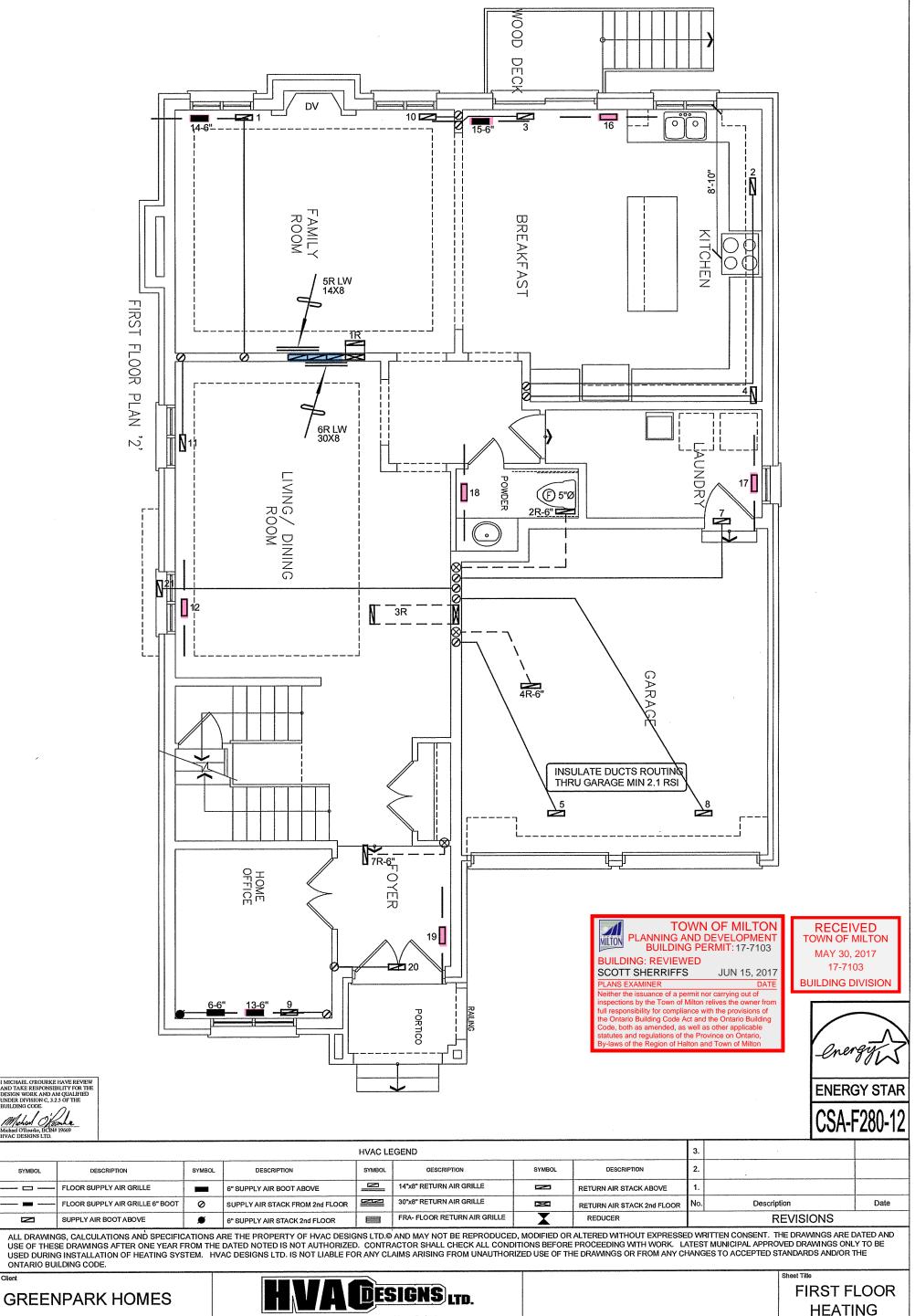
74047

ON LAYOUT. ALL S/A RUNS 5"Ø

UNLESS NOTED OTHERWISE

ON LAYOUT. UNDERCUT

DOORS 1" min. FOR R/A



Project Name

LECCO RIDGE MILTON, ONTARIO

LOT 317 JUNIPER 9

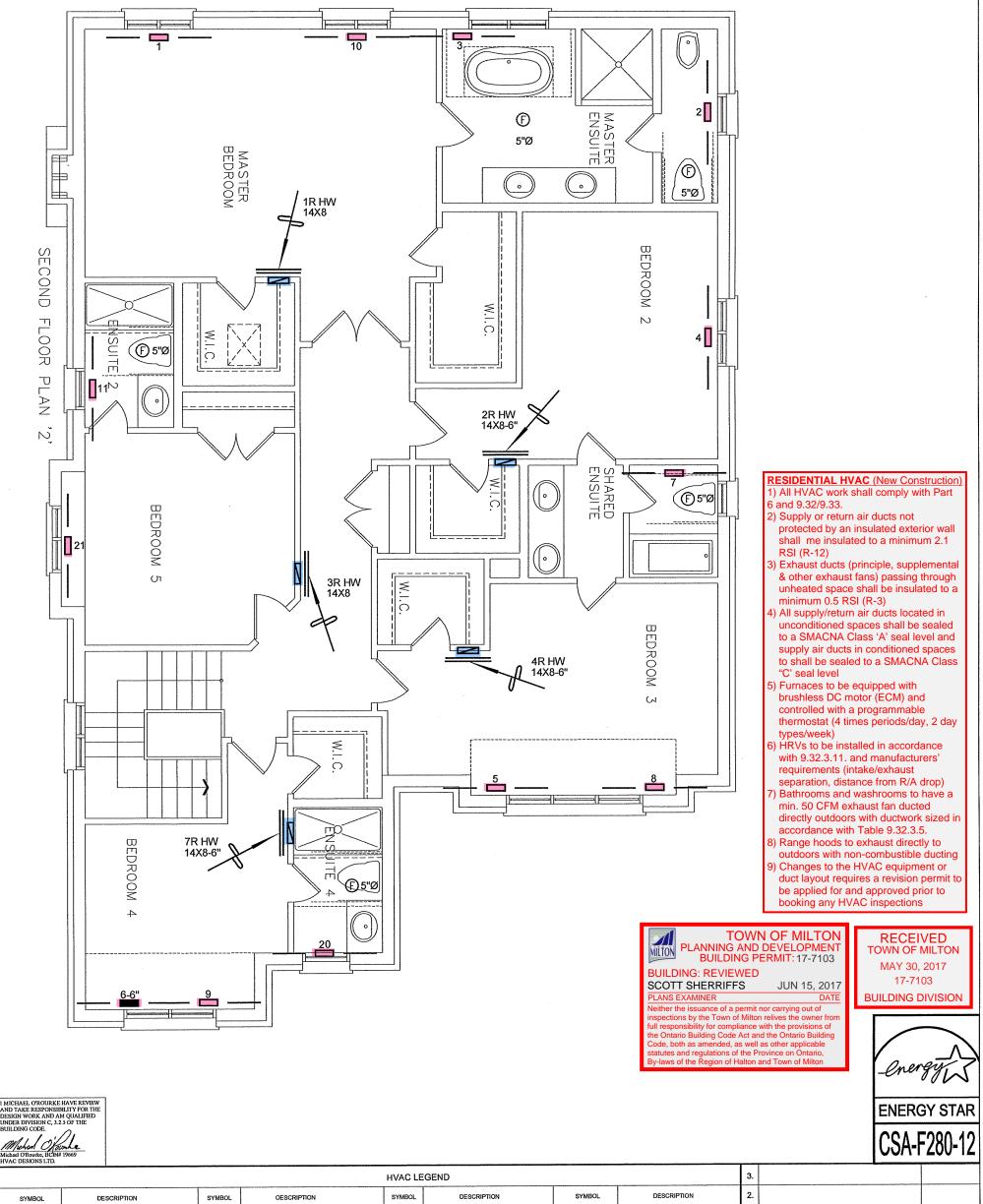
375 Finley Ave - Suite 202 - Ajax, Ontario Tel. 905.619.2300 - 905.420.5300 Fax 905.619.2375 Email: info@hvacdesigns.ca Web: www.hvacdesigns.ca Specializing in Residential Mechanical Design Services

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 3481 sqft adequately insulated and be gas-proofed.

HEATING LAYOUT

Date MAY/2017 3/16" = 1'-0" Scale BCIN# 19669

74047



SYMBOL 14"x8" RETURN AIR GRILLE FLOOR SUPPLY AIR GRILLE 6" SUPPLY AIR BOOT ABOVE RETURN AIR STACK ABOVE صصا 30"x8" RETURN AIR GRILLE No FLOOR SUPPLY AIR GRILLE 6" BOOT SUPPLY AIR STACK FROM 2nd FLOOR 0 RETURN AIR STACK 2nd FLOOR **REVISIONS** FRA- FLOOR RETURN AIR GRILLE REDUCER 6" SUPPLY AIR STACK 2nd FLOOF

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GREENPARK HOMES

Project Name

LECCO RIDGE MILTON, ONTARIO

LOT 317 JUNIPER 9

3481 sqft

DESIGNS LTD.

375 Finley Ave - Suite 202 - Ajax, Ontario 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.

SECOND FLOOR **HEATING**

LAYOUT

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

74047 LO#

BCIN# 19669