

TOTAL HEAT GAIN BTU/H:

	: TRINA	RHALL	HOME	s					LOT 34	i								DATE:	Dac-20			,	AUNITE	R NATURAL AIR C	IANGE	DATE 0.00		IEAT 000	47.05 04		
BUILDER								TYPE:		NAY 7A				GFA:	331/			LO#						R NATURAL AIR C					ΔT °F. 81 ΔT °F. 11	-	CSA-F280-
ROOM US		THE PARTY	l louine	MBR		Ι	ENS	111 6	CLLIN	WIC	<u> </u>		BED-2	GIA.		BED-3			BED-4			ENS-2	CIVILVIE	BED-5		S-ENS		HEAT GAIN	Δ1 7. 11		NERGYSTA
EXP. WAL				42			22			8			14			16			30			11		11			'	ENS-3			
CLG. HT				9			9			9			9			9			9			9		"		6 9	1	17 9		1	
028.111	FACT	nes.		•			3			3			9			9			9			9		9		9		9			
GRS.WALL ARE		GAIN		378			198			72			126			144		l	270			99		99		54					
GLAZING		GAIN			GAIN	l		GAIN			GAIN			CAIN			CAIN	Ì						1			- 1	153	İ		
NORT	1	15.1	0	0	0	0	0	OAIIV	0	0	OAIN 0	17	346	GAIN 257		0	GAIN	0	0	GAIN			GAIN	LOSS GAIN		LOSS GAIN	1	LOSS GAIN			
EAS		40.7	0	0	0	0	0	0	0	0	0	0	0		0	-	0	1 -	-	0	9	183	136	0 0 0	0	0 0	0	0 0			
SOUTI		24.1	١	0	0	١٥	0	0	0	0		0	-	0	33	672	1344	35	712	1425	0	0	0	0 0 0	0	0 0	1	366 733		1	
WES								-	0	-	0		0	0	0	0	0	0	0	0	0	0	0	17 346 409	9	183 217	- 1	0 0			
SKYLT		40.7 99.9	34 0	692 0	1384 0	15 0	305 0	611	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 0	0	0 0	0	0 0		ł	
DOOR				0		0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 0	0	0 0	0	0 0		į	
NET EXPOSED WAL	1	3.7	0	-	0	1 -	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	1	ł	
NET EXPOSED BSMT WALL ABOVE G		0.5 0.5	344 0	1327 0	179	183	706 0	95	72	278	38	109	421	57	111	428	58	235	907	123	90	347	47	82 316 43	45	174 23	1	521 70		İ	
	1			-	0	0	-	0	1 -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 0	0	0 0	0	0 0		1	
EXPOSED CLO		0.6	372	512	207	123	169	69	115	158	64	229	315	128	215	296	120	275	378	153	68	94	38	230 316 128	73	100 41	72	99 40			
NO ATTIC EXPOSED CLO	1	1.2	0	0	0	0	0	0	0	0	0	0	0	0	20	59	24	0	0	0	0	0	0	0 0 0	0	0 0	0	0 0		ļ	
EXPOSED FLOOR	1	0.4	0	0	0	0	0	0	0	0	0	0	0	0	235	642	87	0	0	0	68	186	25	0 0 0	0	0 0	35	96 13			
BASEMENT/CRAWL HEAT LOS				0			0		1	0			0			0			0			0		0	l	0		0			
SLAB ON GRADE HEAT LOS				0			0		1	0			0			0			0			0		0	l	0		0	1		
SUBTOTAL HT LOS	1			2530	4		1180			436			1081			2096			1997			810	_	979		457		1082	1		
SUB TOTAL HT GAIL	1				1771			775	١		102			442			1632			1701			246	580	l	281		856		ı	
LEVEL FACTOR / MULTIPLIE	1		0.20	0.25		0.20	0.25		0.20	0.25		0.20	0.25		0.20	0.25		0.20	0.25		0.20	0.25		0.20 0.25	0.20	0.25	0.20			1	
AIR CHANGE HEAT LOS	1			633			295			109	_		270			524			499			202		245	l	114		270		1	
AIR CHANGE HEAT GAIL	1				105			46			6			26			96			100			15	34	1	17		51		1	
DUCT LOS				0			0		l	0			0			262			0			101		0		0	1	135		1	
DUCT GAIL	4				0			0			0			0			258			0			26	0	l	0		91		1	
HEAT GAIN PEOPL	1		2		480	0		0	0		0	1		240	1		240	1		240	0		0	1 240	0	0	0	0		1	
HEAT GAIN APPLIANCES/LIGHT					613			0			0			613			613			613			0	613	ļ	0	1	0		l	
TOTAL HT LOSS BTU/	1			3163			1475			545			1352			2882			2496			1113		1223		571	1	1487			
TOTAL HT GAIN x 1.3 BTU/	н				3859	L		1067	<u> </u>		140			1717			3691	·		3451			373	1907	L	387	`	1297			
ROOM US	El						LV/DN		·	K/D/F			OFF						DIME							·			γ		
EXP. WAL							26		ŀ	77			10			LAUN 25			PWD 13			FOY 19					l				BAS
CLG. HT																															178
026.111	FACTO	SDC.					11			11			11			12			12	- 1		12								1	9
GRS.WALL ARE		GAIN					286			847			440			200			450												
GLAZING		GAIN					LOSS	CAIN					110			300			156			228								1	1068
NORTI		15.1				0	0	GAIN 0	0	LOSS 0	GAIN 0	20	LOSS 407	GAIN 303		LOSS	GAIN			GAIN	_		GAIN				ŀ			1 .	LOSS GAI
EAS		40.7				0	0	0	0	0	0	0	407	0	9	183 0	136 0	0 16	0 326	0 651	0	0	0				1			3	61 45
SOUTI		24.1				26	529	626	13	265	· 1	0	0	0	0	0	0	0	326 0	651		•	0						İ	0	0 0
WES		40.7				0	0	020	63	1282	313 2565	0	0		0	-		-	-	١	0	0	0		1		1			6	122 14
SKYLT	4	99.9				0	0	0	0	0	2565	0	0	0	0	0	0	0	0	0	0	0	0		<u></u>	Town of				3	61 12
DOOR		3.7				0	0	0	30	811	110	0	0	-			- 1		-	- 1	-	-	0	5		East C	illiwi	mbury		0	0 0
NET EXPOSED WAL							-	•	ı		386	90	0 347	0 47	20 271	541 1045	73 141	0	0	0	40	1082	146 98		1		idards Branch E	•		20	541 73
								120			adb	50	341	4/	4/1								98							0	0 0
NET EXPOSED DENT MALL ABOVE O		0.5				260	1003	136	741	2859		•	•	, 1				140	540	73	188	725			ewn, Our fatter	P					
NET EXPOSED BSMT WALL ABOVE G	R 3.9	0.5				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		over, Our fatters	P				534	2058 278
EXPOSED CLC	R 3.9 G 1.4	0.5 0.6				0	0 0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0					r use with the		0	0 0
EXPOSED CLC NO ATTIC EXPOSED CLC	R 3.9 G 1.4 G 2.9	0.5 0.6 1.2				0 0 0	0 0 0	0 0 0	0 0 10	0 0 29	0 0 12	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	corr	ections a	s noted. No	o other ch	anges may b	e	0	0 0
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI	G 1.4 G 2.9 R 2.7	0.5 0.6				0	0 0 0	0 0	0	0 0 29 0	0	0	0	0	0	0 0 0	0	0	0 0 0	0	0	0 0 0	0	corr mad	ections a withou	ns noted. No ut written ap	o other cha		e g	0	0 0 0 0 0
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS	3.9 G 1.4 G 2.9 R 2.7 S	0.5 0.6 1.2				0 0 0	0 0 0 0	0 0 0	0 0 10	0 0 29 0	0 0 12	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	0 0 0	corr mad Stan Zon	ections a without dards Ba ng By-I	ns noted. No ut written ap ranch. All v Law 2018-04	o other cha oproval of work must 13, as ame	anges may be the Building comply with nded, and the	e g h e	0	0 0
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS	G 1.4 G 2.9 R 2.7 S	0.5 0.6 1.2				0 0 0	0 0 0 0 0	0 0 0	0 0 10	0 0 29 0 0	0 0 12	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 0 0 0	0 0 0	corr mad Stan Zon Onta	ections a without dards Bang By-I rio Bu	ns noted. No ut written ap ranch. All v Law 2018-04 ilding Code	o other char oproval of work must 3, as ame e, as ame	anges may be the Building comply with nded, and the ended. These	e g h e e	0	0 0 0 0 0 0 6400
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS	3.9 G 1.4 G 2.9 R 2.7 S S	0.5 0.6 1.2				0 0 0	0 0 0 0	0 0 0 0	0 0 10	0 0 29 0	0 0 12 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 0 0	0 0 0 0	corr mad Stan Zon. Onta appr	ections a without dards Bang By-I rio Bus oved do	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code ocuments mu	o other char oproval of work must 3, as ame 6, as ame st be kept	anges may be the Building comply with nded, and the nded. These on site at al	e g h e e e	0	0 0 0 0 0 0 6400
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIL	3.9 G 1.4 G 2.9 R 2.7 S S S	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0	0 0 10 0	0 0 29 0 0 0 5246	0 0 12	0 0 0	0 0 0 0 0 0 754	0	0 0 0	0 0 0 0 0 0 0 1769	0 0 0	0 0 0	0 0 0 0 0 0 866	0 0 0	0 0 0	0 0 0 0 0 0 1807	0 0 0	corn mad Stan Zon. Onta appr time	ections a without dards Bang By-I rio Bunoved do s. The	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code ocuments mu building po	o other char oproval of work must 43, as ame e, as ame st be kept ermit mus	anges may be the Building comply with nded, and the ended. These	e g h e e e	0 0	0 0 0 0 0 0 6400
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOS: SLAB ON GRADE HEAT LOS: SUBTOTAL HT LOS: SUB TOTAL HT GAIL LEVEL FACTOR / MULTIPLIEI	3.9 G 1.4 G 2.9 R 2.7 S S S S S S S S N R	0.5 0.6 1.2				0 0 0	0 0 0 0 0 0 1532	0 0 0 0	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0	0 0 0	0 0 0 0 0 754	0 0	0	0 0 0 0 0 0 0 1769	0 0 0	0 0 0	0 0 0 0 0 0 0 866	0 0 0	0 0 0	0 0 0 0 0 0 1807	0 0 0 0	corr mad Stan Zon Onta appr time post	ections are without dards Bards Burlen Burle	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code cuments mu building po e at all times	o other chi opproval of work must 13, as ame e, as ame st be kept ermit mus	anges may be the Building comply with nded, and the nded. These on site at all it be clearly	e g h e e e	0	0 0 0 0 0 0 6400 9243 663
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENTICRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIL LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOSS	3.9 G 1.4 G 2.9 R 2.7 S S S S S S S S S S S S S S S S S S S	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0	0 0 0	0 0 0 0 0 0 754	0 0 0	0 0 0	0 0 0 0 0 0 0 1769	0 0 0 0	0 0 0	0 0 0 0 0 0 866	0 0 0 0 0	0 0 0	0 0 0 0 0 0 1807	0 0 0 0	corr mad Stan Zon Onta appr time post	ections are without dards Bang By-I rio Buroved do s. The ed on sit	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code coments mu building po e at all times	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0 0	0 0 0 0 0 0 6400 9243 666 7906
EXPOSED CLC NO ATTIC EXPOSED CLCI EXPOSED FLCIO BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIL LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIR	R 3.9 G 1.4 G 2.9 R 2.7 S S S S N N R S N N	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0	0 0 0	0 0 0 0 0 0 754	0 0	0 0 0	0 0 0 0 0 0 1769	0 0 0	0 0 0	0 0 0 0 0 0 0 866	0 0 0	0 0 0	0 0 0 0 0 0 1807	0 0 0 0	corr mad Stan Zon Onta appri time post Dis	ections are without dards Bards Bards Burner	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must 13, as ame e, as ame est be kept ermit must.	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0 0	0 0 0 0 0 0 6400 9243 666 7906 39
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIR LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIR DUCT LOSS	R 3.9 G 1.4 G 2.9 R 2.7 S S S S S N N R S S N N S S S S N N S S S S	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0 761	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0 3386	0 0 0	0 0 0 0 0 754	0 0 0 350	0 0 0	0 0 0 0 0 0 0 1769	0 0 0 0 351	0 0 0	0 0 0 0 0 0 0 866	0 0 0 0 724	0 0 0	0 0 0 0 0 0 1807	0 0 0 0	corr mad Stan Zon Onts app time post Dis Bui	ections are without dards Bing By-I rio Buoved do s. The ed on site cipline liding Coorage Systems are systems are supplied to the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are supplied to the coo	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0 0	0 0 0 0 0 0 0 6400 9243 665 7906 39
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOS: SLAB ON GRADE HEAT LOS: SUBTOTAL HT LOS: SUB TOTAL HT GAII LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOS: AIR CHANGE HEAT GAII DUCT LOS: DUCT GAII	R 3.9 G 1.4 G 2.9 R 2.7 S S S S N R R S N N S S N N N N S S N N N N	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0 761 45	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0 3386	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 0 754	0 0 0 350	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 1769	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 0 0 866	0 0 0 0 724 43	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 1807	0 0 0 0 244 14	corr mad Stan Zon Onta appri time post Dis	ections are without dards Bing By-I rio Buoved do s. The ed on site cipline liding Coorage Systems are systems are supplied to the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are supplied to the coo	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0 0	0 0 0 0 0 0 6400 9243 666 7906 39 0 0
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT GAIR LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIR DUCT LOSS	R 3.9 G 1.4 G 2.9 R 2.7 S S S S S N R S S N R S S N R S S N S S N R S S N S N S S N S N S S N S N S S N	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0 761 45	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0 3386 200 0	0 0 0	0 0 0 0 0 0 754	0 0 0 350 21 0	0 0 0	0 0 0 0 0 0 1769	0 0 0 0 0 351 21	0 0 0	0 0 0 0 0 0 0 866	0 0 0 0 724 43	0 0 0	0 0 0 0 0 0 1807	0 0 0 0 244 14 0	corr mad Stan Zon Onts app time post Dis Bui	ections are without dards Bing By-I rio Buoved do s. The ed on site cipline liding Coorage Systems are systems are supplied to the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are supplied to the coo	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0 0	0 0 0 0 0 0 6400 9243 66: 7906 39 0 0 0 0
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENTICRAWL HEAT LOSS SUBTOTAL HT LOSS SUB TOTAL HT CASS SUB TOTAL HT GAIR LEVEL FACTOR / MULTIPLIER AIR CHANGE HEAT GAIR DUCT LOSS DUCT GAIR HEAT GAIN PEOPLI	R 3.9 G 1.4 G 2.9 R 2.7 S S S S N R S S N S N S S N S S N S S N S S N S S N S N S S N S N S S N S N S N S S N S	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532 0.40 607	0 0 0 0 761 45	0 0 10 0	0 0 29 0 0 0 5246 0.40 2078	0 0 12 0 3386	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 754 0.40 299	0 0 0 350	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 1769 0.40 701	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 0 866 0.40 343	0 0 0 0 724 43	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 1807 0.40 716	0 0 0 0 244 14	corr mad Stan Zon Onts app time post Dis Bui	ections are without dards Bing By-I rio Buoved do s. The ed on site cipline liding Coorage Systems are systems are supplied to the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are without the coorage Systems are supplied to the coo	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0.50	0 0 0 0 0 0 6400 9243 66: 0.86 7906 39 0 0 61:
EXPOSED CLC NO ATTIC EXPOSED CLC EXPOSED FLOOI BASEMENT/CRAWL HEAT LOSS SLAB ON GRADE HEAT LOSS SUBTOTAL HT GAIR LEVEL FACTOR / MULTIPLIEI AIR CHANGE HEAT LOSS AIR CHANGE HEAT GAIR DUCT LOSS DUCT GAIR HEAT GAIN PEOPLI HEAT GAIN APPLIANCES/LIGHTS	R 3.9 G 1.4 G 2.9 R 2.7 S S S S S S S S S S S S S S S S S S S	0.5 0.6 1.2				0 0 0 0	0 0 0 0 0 0 1532	0 0 0 0 761 45	0 0 10 0	0 0 29 0 0 0 5246	0 0 12 0 3386 200 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 0 754 0.40 299	0 0 0 350 21 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 1769	0 0 0 0 0 351 21	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 0 866	0 0 0 0 724 43	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 1807	0 0 0 0 244 14 0	corr mad Stan Zon Onts app time post Dis Bui	ections are without dards Bing By-I rio Buroved do s. The ed on site cipline liding Coorage Systems of the coorage	as noted. No ut written ap ranch. All v Law 2018-04 ilding Code icuments mu building p e at all times Review H. Authi	o other chapproval of owork must is, as ame on as ame of the service of the servi	anges may be the Building comply with nded, and the nded. These on site at al tt be clearly	e g h e e e	0.50	0 0 0 0 0 0 6400 9243 66: 7906 39 0 0 0 0

TONS: 2.59

31076

STRUCTURAL HEAT LOSS: 50176

TOTAL COMBINED HEAT LOSS BTU/H: 52273

Mhehad Offinde. INDIVIDUAL BCIN: 19669

LOSS DUE TO VENTILATION LOAD BTU/H: 2097



		TRINAR							LOT 34 GLENW				DATE:	Dec-20			GFA:	3314	LO#	88663				
TOTAL HEAT LOSS AIR FLOW RATE CFM	1131 50,176 22.54		TOTAL H	DLING CFM HEAT GAIN RATE CFM	30,792		a	fur a/c coi vailable	e pressure nace filter I pressure pressure r s/a & r/a	0.2						,	GMEC960 FAN			λN	INPUT (AFUE = BTU/H) = BTU/H) =	60,000	
RUN COUNT S/A R/A All S/A diffusers 4"x10" unle All S/A runs 5"Ø unless not				1st 8 3 out.	Bas 4 1		max	s/a dif p	essure s/a ess. loss essure s/a	0.02		a grille pro	pressure ess. Loss essure r/a	0.17 0.02 0.15			ľ	EDLOW MEDIUM JM HIGH HIGH		T	DESIG EMPERATU	_	6 " E.S.P.	. °F
RUN# ROOM NAME RM LOSS MBH. CFM PER RUN HEAT RM GAIN MBH. CFM PER RUN COOLING ADJUSTED PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (ff/min) COOLING VELOCITY (ff/min) OUTLET GRILL SIZE TRUNK	1 MBR 1.58 36 1.93 71 0.17 62 170 232 0.07 6 184 362 4X10 A	2 ENS 1.48 33 1.07 39 0.17 54 160 214 0.08 5 242 286 3X10 B	3 WIC 0.54 12 0.14 5 0.17 42 160 202 0.09 4 138 57 3X10 B	4 BED-2 1.35 30 1.72 63 0.17 42 140 182 0.09 6 153 321 4X10 B	5 BED-3 1.44 32 1.85 68 0.17 54 120 174 0.1 5 235 499 3X10 D	6 BED-4 1.25 28 1.73 63 0.17 50 170 220 0.08 5 206 463 3X10 C	7 ENS-2 1.11 25 0.37 14 0.17 51 140 191 0.09 4 287 161 3X10 D	8 BED-5 1.22 28 1.91 70 0.17 20 190 210 0.08 6 143 357 4X10 B	9 S-ENS 0.57 13 0.39 14 0.17 46 160 206 0.08 4 149 161 3X10 D	10 MBR 1.58 36 1.93 71 0.17 51 150 201 0.09 6 184 362 4X10 A	11 ENS-3 1.49 34 1.30 48 0.17 51 130 181 0.1 5 250 352 3X10 D	12 BED-3 1.44 32 1.85 68 0.17 54 110 164 0.1 5 235 499 3X10 D	13 LV/DN 2.14 48 1.84 68 0.17 7 150 157 0.11 6 245 347 4X10 D	14 K/D/F 2.44 55 1.82 67 0.17 47 130 177 0.1 5 404 492 3X10 A	15 K/D/F 2.44 55 1.82 67 0.17 42 140 182 0.09 5 404 492 3X10 A	16 OFF 1.05 24 1.28 47 0.17 30 130 160 0.11 5 176 345 3X10 B	17 LAUN 2.47 56 1.28 47 0.17 28 170 198 0.09 5 411 345 3X10 D	18 PWD 1.21 27 1.00 37 0.17 27 100 127 0.14 4 310 424 3X10 C	19 FOY 2.52 57 0.34 12 0.17 38 100 138 0.12 6 291 61 4X10 C	20 K/D/F 2.44 55 1.82 67 0.17 48 150 198 0.09 5 404 492 3X10 A	21 BAS 4.29 97 0.43 16 0.16 46 150 196 0.08 6 495 82 4X10 A	22 BAS 4.29 97 0.43 16 0.16 45 100 145 0.11 6 495 82 4X10 B	23 BAS 4.29 97 0.43 16 0.16 24 140 164 0.1 6 495 82 4X10 B	24 BAS 4.29 97 0.43 16 0.16 18 110 128 0.13 6 495 82 4X10 D
RUN# ROOM NAME RM LOSS MBH. CFM PER RUN HEAT RM GAIN MBH. CFM PER RUN COOLING ADJUSTED PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH ADJUSTED PRESSURE ROUND DUCT SIZE HEATING VELOCITY (fl/min) COOLING VELOCITY (fl/min) OUTLET GRILL SIZE	25 BED-4 1.25 28 1.73 63 0.17 44 180 224 0.08 5 206 463 3X10																				corrections made withe Standards E Zoning By- Ontario Bu approved de times. The posted on si Discipline Building Co	have been as noted. Law 2018. Since the building Coocuments a building te at all tin Revide H. Ad	No other ch approval of Il work mus .043, as ame ode, as am must be kept permit mu nes.	or use with the anges may be the Building toomply with nded, and the ephded. These on site at all st be clearly
TRUNK	C																				Sewage Sys Zoning	tem		
SUPPLY AIR TRUNK SIZE	TRUNK	STATIC	ROUND	RECT			VELOCITY			TRUNK	STATIC	ROUND	RECT			VELOCITY	RETURN A	AIR TRUNK TRUNK	K SIZE STATIC	ROUND	RECT			VELOCITY
TRUNK A TRUNK B TRUNK C TRUNK D TRUNK E TRUNK F	334 655 140 477 0	0.07 0.07 0.08 0.08 0.00 0.00	9.6 12.4 6.7 10.6 0	12 18 8 14 0	x x x x x	8 8 8 8 8	(ft/min) 501 655 315 613 0		TRUNK G TRUNK H TRUNK I TRUNK J TRUNK K TRUNK L	0 0 0 0 0 0	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	x x x x x	8 8 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	O O O O O O O O O O O O O O O O O O O	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	X X X X X	8 8 8 8 8	(ft/min) 0 0 0 0 0 0
RETURN AIR # AIR VOLUME PLENUM PRESSURE ACTUAL DUCT LGH. EQUIVALENT LENGTH TOTAL EFFECTIVE LH ADJUSTED PRESSURE ROUND DUCT SIZE INLET GRILL SIZE INLET GRILL SIZE	1 0 115 0.15 61 205 266 0.06 6.7 8 X	2 0 85 0.15 48 185 233 0.06 6 8 X	3 0 115 0.15 56 225 281 0.05 7 8 X	4 0 85 0.15 51 205 256 0.06 6 8 X	5 0 85 0.15 54 185 239 0.06 6 8 X	6 0 155 0.15 36 210 246 0.06 7.5 8 X	7 0 155 0.15 35 205 240 0.06 7.5 8 X	8 0 155 0.15 33 210 243 0.06 7.5 8 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	0 0 0.15 1 0 1 14.80 0 0 X	181 0.15 14 135 149 0.10 7 8 X 14	TRUNK V TRUNK W TRUNK X TRUNK Y TRUNK Z DROP	0 425 1131 440 270 1131	0.05 0.05 0.05 0.05 0.05 0.05	0 11.5 16.5 11.6 9.7 16.5	0 16 32 16 12 24	X X X X X	8 8 8 8 10	0 478 636 495 405 679



TYPE: SITE NAME: GLENWAY 7A

TRINAR HALL HOMES

LO #

88663 LOT 34

RESIDENTIAL MECHANICAL VENTILATION DESIGN SUMMARY

COMBUSTION APPLIANCES 9.32.3.1(1)	SUPPLEMENTAL VENTILATION CAPACITY		9.32.3.5.	
a) Direct vent (sealed combustion) only	Total Ventilation Capacity	212	cfm	
b) Positive venting induced draft (except fireplaces)	Less Principal Ventil. Capacity	95.4	cfm	
c) Natural draft, B-vent or induced draft gas fireplace	Required Supplemental Capacity	116.6	cfm	
d) Solid Fuel (including fireplaces)	PRINCIPAL EXHAUST FAN CAPACITY)]
e) No Combustion Appliances	Model: VANEE 65H	Location:	BSMT	
	MIOGEL VANCE OSH	Location.	DOWN	
HEATING SYSTEM	95.4 cfm 3.0 sones	✓	HVI Approved	
Forced Air Non Forced Air	PRINCIPAL EXHAUST HEAT LOSS CALCULATION CFM	FACTOR	% LOSS	
Electric Space Heat	95.4 CFM X 81 F X	1.08 x	0.25	
cieculo space neat	SUPPLEMENTAL FANS	PANASONIC		
HOUSE TYPE 9.32.1(2)	Location Model ENS FV-05-11VK1	cfm HVI 50 ✓	Sones	1
9.32.1(2)	ENS FV-05-11VK1 ENS-2 FV-05-11VK1	50 ✓ 50 ✓	0.3	
Type a) or b) appliance only, no solid fuel	ENS-3 FV-05-11VK1	50 🗸	0.3	
, the sent rule of the sent rule.	PWD FV-05-11VK1	50 ✓	0.3	
II Type I except with solid fuel (including fireplaces)				i
	HEAT RECOVERY VENTILATOR		9.32.3.11.	l
III Any Type c) appliance	Model: VANEE 65H			ł
	155 cfm high	64	cfm low	
IV Type I, or II with electric space heat	75 % Sensible Efficiency		HVI Approved	
Other: Type I, II or IV no forced air	@ 32 deg F (0 deg C)	L	,	
	LOCATION OF INSTALLATION			
SYSTEM DESIGN OPTIONS O.N.H.W.P.	Lot:	Concession		
1 Exhaust only/Forced Air System	Township	Plan:		
2 HRV with Ducting/Forced Air System		1011.		
3 HRV Simplified/connected to forced air system	Address			
4 HRV with Ducting/non forced air system	Roll #	Building Permit #		l
Part 6 Design	BUILDER: GREENPARK HOMES			
T att 0 Design	Name:	<u></u>	Town of	l
TOTAL VENTILATION CAPACITY 9.32.3.3(1)	Address:			villimbur
Basement + Master Bedroom 2 @ 21.2 cfm 42.4 cfm	City:	Our town, Our f		
Other Bedrooms 4 @ 10.6 cfm 42.4 cfm	Telephone #:	correction	ans have been review ns as noted. No oth	ther changes may
		Standards	ithout written appro s Branch. All work 3y-Law 2018-043, a	k must comply v
Kitchen & Bathrooms 6 @ 10.6 cfm 63.6 cfm	INSTALLING CONTRACTOR	Ontario approved	Building Code, as documents must be	as amended. The be kept on site a
Other Rooms6 @ 10.6 cfm63.6 cfm	Name:		The building perming n site at all times.	it must be cie
Table 9.32.3.A. TOTAL <u>212.0</u> cfm	Address:	Disciplin Building		BCIN Date 43236 2021-02
	City:	Sewage S Zoning	System	
PRINCIPAL VENTILATION CAPACITY REQUIRED 9.32.3.4.(1)	Telephone #:	Fax#:		
1 Bedroom 31.8 cfm				1
2 Bedroom 47.7 cfm	DESIGNER CERTIFICATION I hereby certify that this ventilation system has been des	igned		
3 Bedroom 63.6 cfm	in accordance with the Ontario Building Code. Name: HVAC Designs Ltd.			
4 Bedroom 79.5 cfm		Ofounde.		
5 Bedroom 95.4 cfm	HRAI#	001820		
TOTAL 95.4 cfm I REVIEW AND TAKE RESPONIBILITY FOR THE DESIGN WORK AND AM QUALIFIED IN THE AP		ecember-20 2.5 OF THE BUILDING CO	ODE.	į
INDIVIDUAL BCIN: 19689 Maked Office. MICHAEL O'ROURKE				



			CSA F28	0-12 Residential Heat	Loss and Heat Gain	Calculations	W						
			Form	ula Sheet (For Air Leak	(For Air Leakage / Ventiliation Calculation)								
LO#: 88663	3	Model: GLENWAY 7A		Builder:	GREENPARK HOMES				Date:	14/12/2020			
		Volume Calculation	1				Air Change & Del	ta T Data					
House Volume				1	·	WINTED N	ATURAL AIR CHANG	CEDATE	0.224	1			
	loor Area (ft²)	Floor Height (ft)	Volume (ft³)				ATURAL AIR CHAN		0.234	-			
Bsmt	1502	9	13518			JOIVIIVIER 14	ATOTAL AIR CHAIN	OL NATE	0.065	J			
First	1502	11	16522										
Second	1822	9	16398				Design To	emperature Diff	erence				
Third	0	9	0				Tin °C	Tout °C	ΔT °C	ΔT °F			
Fourth	0	9	0			Winter DTDh	22	-23	45	81			
		Total:	46,438.0 ft ³			Summer DTDc	24	30	6	11			
		Total:	1315.0 m³										
			·										
	5.2.3.	1 Heat Loss due to Air	Leakage			6.2.6	Sensible Gain due	to Air Leakage					
	$HL_{airb} =$	$LR_{airh} \times \frac{V_b}{3.6} \times D$	$TD_h \times 1.2$		Н	$G_{salb} = LR_{airc}$	$\times \frac{V_b}{3.6} \times DTD_c$	× 1.2					
0.234	x <u>365.27</u>	x <u>45 °C</u>	x <u>1.2</u>	= 4634 W	= 0.065	x <u>365.27</u>	_ x <u>6 °C</u>	x1.2	- =	174 W			
				= 15813 Btu/h					=	594 Btu/h			
	5.2.3.2 Hea	t Loss due to Mechani	cal Ventilation			6.2.7 Se	ensible heat Gain d	lue to Ventilatio	n				
	$HL_{vairb} = I$	$PVC \times DTD_h \times 1.$	$.08 \times (1-E)$		HL_v	$_{vairb} = PVC \times D$	$OTD_h \times 1.08 \times$	(1 - E)					
95 CFM	x <u>81°F</u>	x <u>1.08</u>	x <u>0.25</u>	= 2097 Btu/h	95 CFM	. x <u>11°F</u>	x1.08	x 0.25	=	283 Btu/h			
			5.2.3.3 Calculat	tion of Air Change Heat Lo	ss for Each Room (Floo	or Multiplier Section)						

$$HL_{airr} = Level \; Factor \; \times \; HL_{airbv} \; \times \{ \left(HL_{agcr} + \; HL_{bgcr} \right) \div \left(HL_{agclevel} + HL_{bgclevel} \right) \}$$

Level	Level Factor (LF)	HLairve Air Leakage + Ventilation Heat Loss (Btu/h)	Level Conductive Heat Loss: (HL _{clevel})	Air Leakage Heat Loss Multiplier (LF x HLairbv / HLlevel)
1	0.5		9,243	0.855
2	0.3		11,974	0.396
3	0.2	15,813	12,648	0.250
4	0		0	0.000
5	0		0	0.000

^{*}HLairbv = Air leakage heat loss + ventilation heat loss



These plans have been reviewed for use with the corrections as noted. No other changes may be made without written approval of the Building Standards Branch. All work must comply with Zoning By-Law 2018-043, as amended, and the Ontario Building Code, as amended. These approved documents must be kept on site at all times. The building permit must be clearly posted on site at all times.

Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			

^{*}For a balanced or supply only ventilation system HLairve = 0



375 Finley Ave. Suite 202 Ajax, ON L1S 2E2 Tel: 905.619.2300 Fax: 905.619.2375

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

HEAT LOSS AND GAIN SUMMARY SHEET

		11671	LOSS AND	GAIN SOMMAN STILL	
MODEL:	GLENWAY 7A		LOT 34	BUILDER: GREENPARK HOMES	
SFQT:	3314	LO#	88663	SITE: TRINAR HALL HOMES	
DESIGN A	SSUMPTIONS				
				7	
HEATING			°F	COOLING	°F
OUTDOOF	R DESIGN TEMP.		-9	OUTDOOR DESIGN TEMP.	86
INDOOR D	DESIGN TEMP.		72	INDOOR DESIGN TEMP. (MAX 75°F)	75
BUILDING	DATA				
ATTACHM	IENT:		DETACHED	# OF STORIES (+BASEMENT):	3
EDON'T EA	CEC.		FACT	ACCLINATED (V/NI).	Y
FRONT FACES:			EAST	ASSUMED (Y/N):	Y
AIR CHAN	GES PER HOUR:		2.50	ASSUMED (Y/N):	Υ
AIN CHAN	GEST EN TIOON.		2.50	ASSUMES (1) (1).	
AIR TIGHT	NESS CATEGORY:		TIGHT	ASSUMED (Y/N):	Υ
				, , ,	
WIND EXP	OSURE:		SHELTERED	ASSUMED (Y/N):	Υ
HOUSE VO	DLUME (ft³):		46438.0	ASSUMED (Y/N):	Υ
INTERNAL	. SHADING:	BLINDS	CURTAINS	ASSUMED OCCUPANTS:	6
INTERIOR	LIGHTING LOAD (Btu/h	n/ft²):	1.27	DC BRUSHLESS MOTOR (Y/N):	Υ
FOLIND AT	TON CONFICUDATION		DCIN 1	DEDTH BELOW CRADE.	6 O #
FOUNDAT	TION CONFIGURATION		BCIN_1	DEPTH BELOW GRADE:	6.0 ft
LENGTH:	54.0 ft	WIDTH:	35.0 ft	EXPOSED PERIMETER:	178.0 ft
LENGIA:	54.U IL	WIDIN:	33.011	EAFOSED PENIIVIETEN.	170.011

2012 OBC - COMPLIANCE PACKAGE			
		Compliance	e Package
Component		ENER	GYSTAR
		Nominal	Min. Eff.
Ceiling with Attic Space Minimum RSI (R)-Value		60	59.20
Ceiling Without Attic Space Minimum RSI (R)-Value		31	27.70
Exposed Floor Minimum RSI (R)-Value		31	29.80
Walls Above Grade Minimum RSI (R)-Value		R22+R5	21.10
Basement Walls Minimum RSI (R)-Value		20	21.12
Below Grade Slab Entire surface > 600 mm below grade	e Minimum RSI (R)-Value	-	-
Edge of Below Grade Slab ≤ 600 mm Below Grade Mini	mum RSI (R)-Value	10	10
Heated Slab or Slab ≤ 600 mm below grade Minimum R	SI (R)-Value	10	11.13
Windows and Sliding Glass Doors Maximum U-Value	*	ZONE 2	-
Skylights Maximum U-Value	East Gwillimbury	ZONE 2	-
Space Heating Equipment Minimum AFUE	Building Standards Branch BCIN #16487	0.96	-
HRV Minimum Efficiency	These plans have been reviewed for use with the	75%	-
Domestic Hot Water Heater Minimum EF	corrections as noted. No other changes may be made without written approval of the Building	0.9	-

INDIVIDUAL BCIN: 19669 MICHAEL O'ROURKE corrections as noted. No other changes may be made without written approval of the Building—Standards Branch. All work must comply with Zoning By-Law 2018-043, as amended, and the Ontario Building Code, as amehded. These approved documents must be kept on site at all times. The building permit must be clearly posted on site at all times.

Michael Of sunte.

Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



Residential Foundation Thermal Load Calculator

Supplemental tool for CAN/CSA-F280

We	eather Sta	tion Description				
Province:	Ontario					
Region:	Bradford					
	Site D	escription				
Soil Conductivity:	Normal	conductivity: dry sand, loam, clay				
Water Table:	Normal (7-10 m, 23-33 ft)				
	oundatio	n Dimensions				
Floor Length (m):	16.5					
Floor Width (m):	10.7	g gas 4 2 PM and short the state \$14 Annual of development in the annual content of the content				
Exposed Perimeter (m):	0.0					
Wall Height (m):	2.7					
Depth Below Grade (m):	1.83	Insulation Configuration				
Window Area (m²):	1.1	E. Travelle of All 2012 and Control of Contr				
Door Area (m²):	1.9					
	Radi	ant Slab	_ _	ast Gv	villin	ıbury
Heated Fraction of the Slab:	0		These plans hav			
Fluid Temperature (°C):	33		made without w Standards Brand Zoning By-Law Ontario Buildir approved docum	written approch. All wor 2018-043, ng Code,	oval of the rk must contain as amendas as amendas	he Building comply with led, and the ded. These
	Desig	n Months	times. The bui	ilding pern	nit must	be clearly
Heating Month	1		Discipline Building Code Sewage System Zoning	Reviewer H. Authier	BCIN 43236	Date 2021-02-03
	Founda	tion Loads				
Heating Load (Watts):		1875				

TYPE: GLENWAY 7A LO# 88663

LOT 34



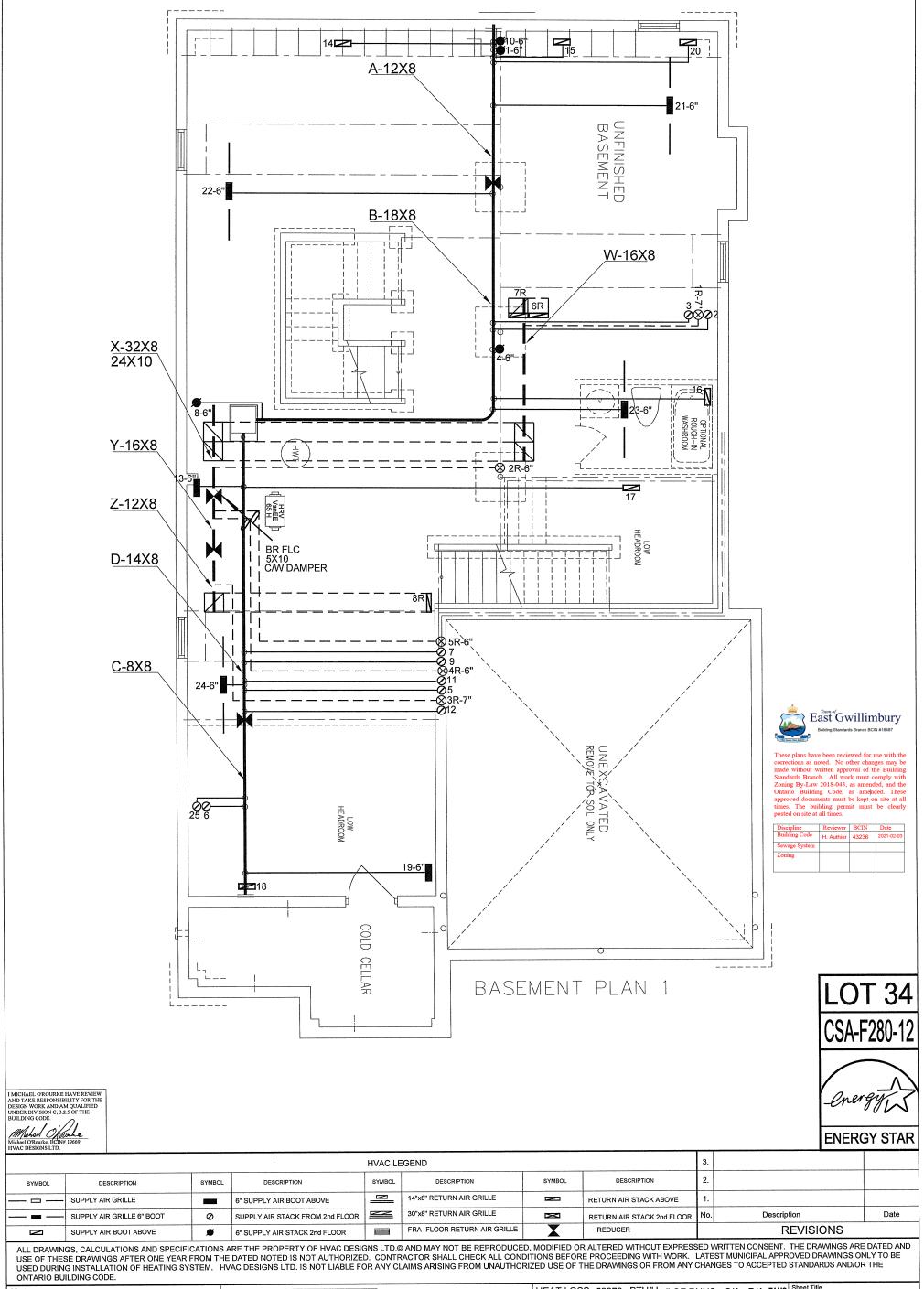
Air Infiltration Residential Load Calculator

Supplemental tool for CAN/CSA-F280

Weath	ner Station Description	
Province:	Ontario	
Region:	Bradford	
Weather Station Location:	Open flat terrain, grass	
Anemometer height (m):	10	
	Local Shielding	
Building Site:	Suburban, forest	
Walls:	Heavy	
Flue:	Heavy	
Highest Ceiling Height (m):	7.01	
Bui	ilding Configuration	
Type:	Detached	
Number of Stories:	Two	
Foundation:	Full	
House Volume (m³):	1315.0	
	Leakage/Ventilation	
Air Tightness Type:	Energy Star Detached (2.5	5 ACH)
Custom BDT Data:	ELA @ 10 Pa.	1227.5 cm ²
	2.50	ACF Trum of
Mechanical Ventilation (L/s):	Total Supply	Total Exh East Gwillimbury
	45.0	45.0
	Flue Size	These plans have been reviewed for use with the corrections as noted. No other changes may be made without written approval of the Building
Flue #:	#1 #2 #3 #4	Standards Branch. All work must comply with Zoning By-Law 2018-043, as amended, and the
Diameter (mm):	0 0 0 0	Ontario Building Code, as amehded. These approved documents must be kept on site at all times. The building permit must be clearly
Natu	ural Infiltration Rates	posted on site at all times. Discipline Reviewer BCIN Date
Heating Air Leakage Rate (A	ACH/H): 0.234	Building Code H. Authier 43236 2021-02-03 Sewage System Zoning
Cooling Air Leakage Rate (A	ACH/H): 0.065	

TYPE: GLENWAY 7A LO# 88663

LOT 34



GREENPARK HOMES

Project Name

TRINAR HALL HOMES EAST GWILLIMBURY, ONT.

LOT 34

GLENWAY 7A 3314 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. FAN SPEED

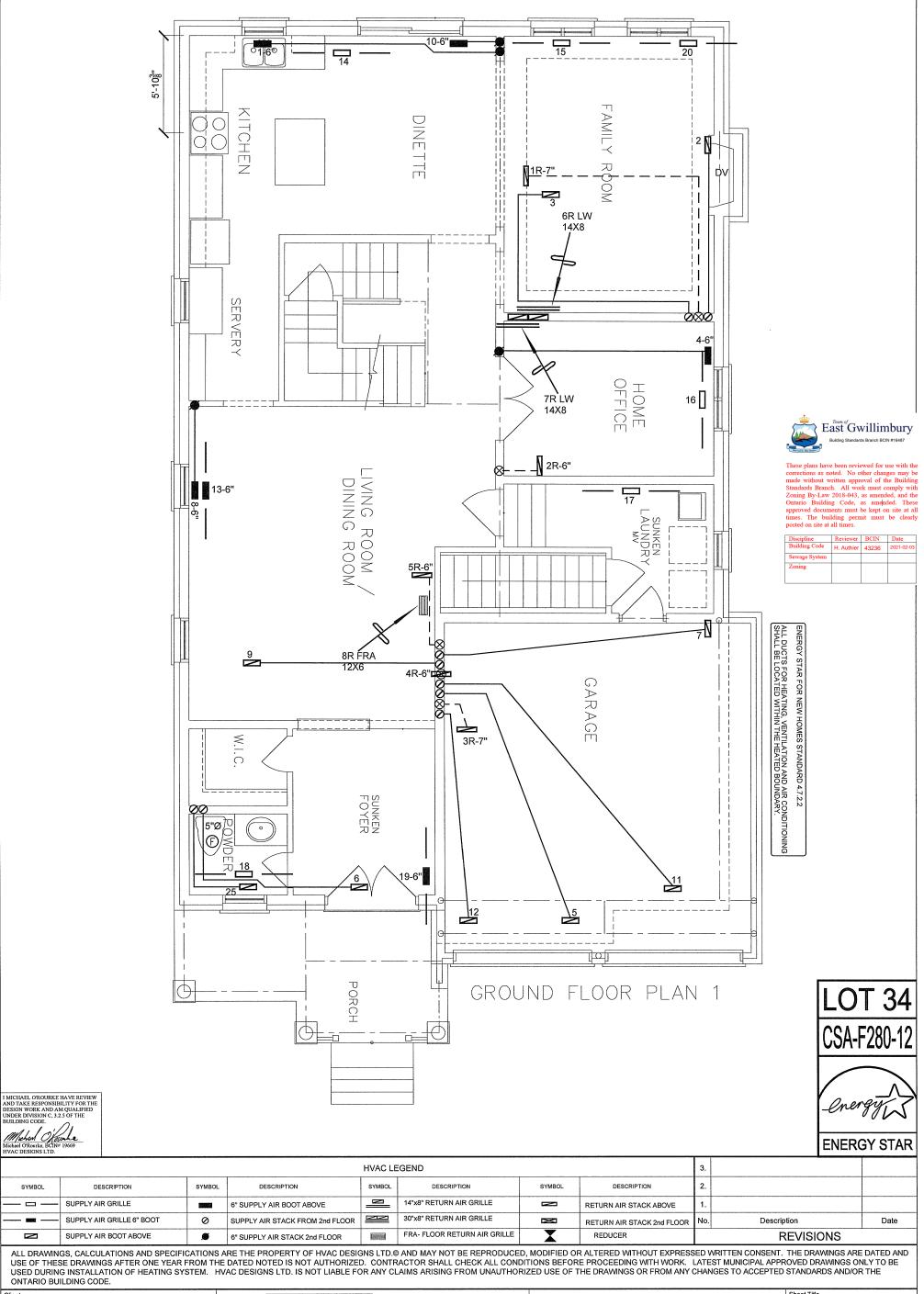
	OSS 52273	BTU/H	# OF RUNS	S/A	R/A	FANS	Sh	
	UNIT DATA		3RD FLOOR					
MAKE (GOODMAN		2ND FLOOR	13	5	4		
MODEL GME	EC960603BN	A	1ST FLOOR	8	3	2		
INPUT	60	MBTU/H	BASEMENT	4	1	0	Da	
OUTPUT	57.6	MBTU/H	ALL S/A DIFFUSERS 4 "x10" UNLESS NOTED OTHERWISE					
COOLING	3.0	TONS	ON LAYOUT. ALL S/A RUNS 5"Ø UNLESS NOTED OTHERWISE					

1131

ON LAYOUT. UNDERCUT

DOORS 1" min. FOR R/A

1	Sileet Title	
-	BASEMENT	
-	HEATING	
	LAYOUT	
	Date	DEC/2020
	Scale 3	3/16" = 1'-0"
	BCIN# 19669	
	LO#	88663



Client

GREENPARK HOMES

Project Name

TRINAR HALL HOMES EAST GWILLIMBURY, ONT.

LOT 34 GLENWAY 7A

3314 sqft

HVA DESIGNS LTD.

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

Specializing in Residential Mechanical Design Services

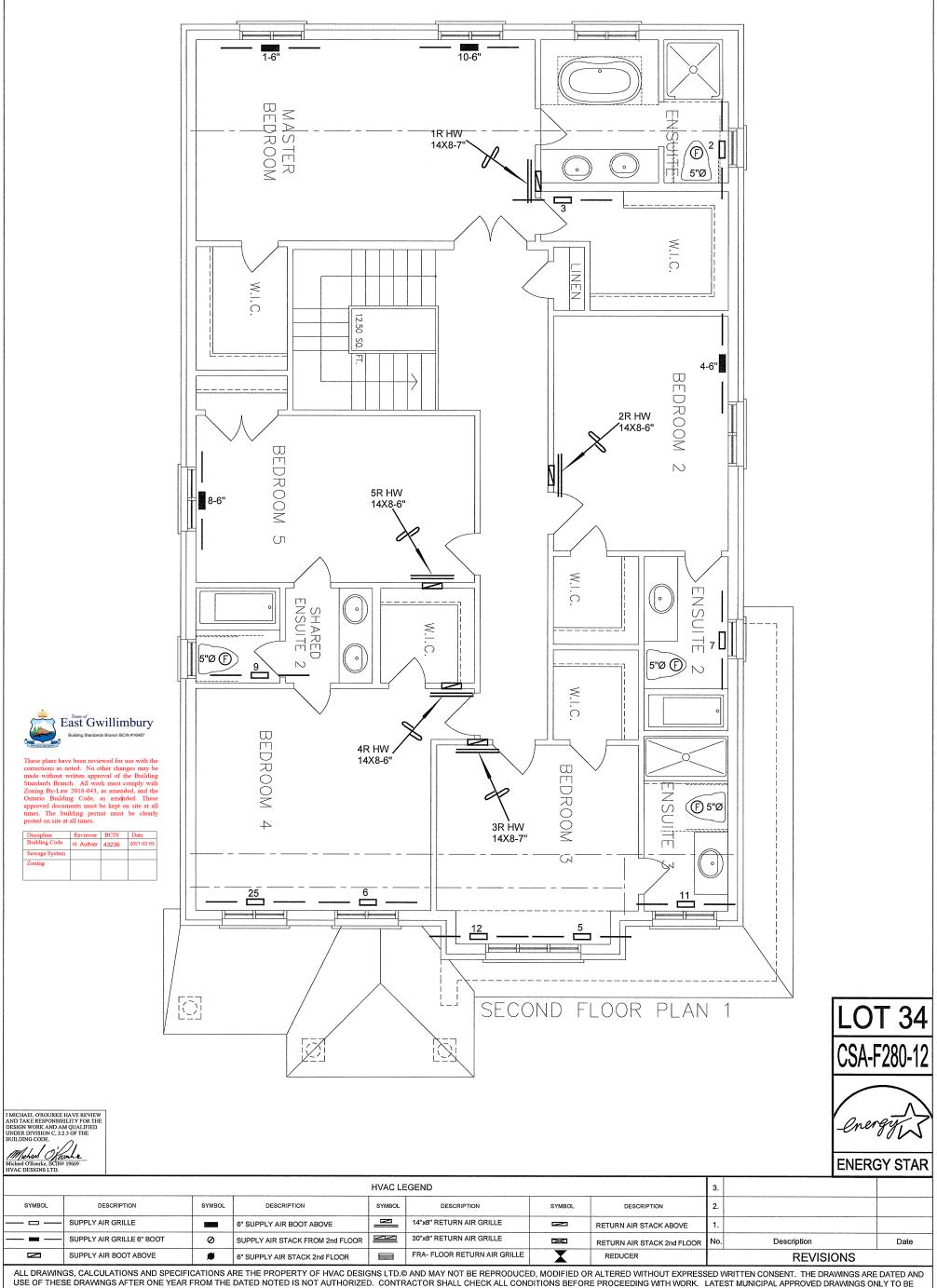
Installation to comply with the latest Ontario Building Code. All supply branch outlets shall be equipped with a manual balancing damper. Ductwork which passes through the garage or unheated spaces shall be adequately insulated and be gas-proofed.

FIRST FLOOR HEATING LAYOUT

Date DEC/2020 Scale 3/16" = 1'-0"

BCIN# 19669

LO# 88663



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GREENPARK HOMES

TRINAR HALL HOMES EAST GWILLIMBURY, ONT.

LOT 34 **GLENWAY 7A**

3314 sqft

DESIGNS LTD.

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

Specializing in Residential Mechanical Design Services

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**

DEC/2020 3/16" = 1'-0" Scale

BCIN# 19669

88663 LO#