

New Jersey Home Performance with ENERGY STAR®



Home Performance Audit/ Software Data Collection-2011

			Contractor:					
Customer:								
Street:								
City: Zip: _			□ Cash-back Inc					
Phone: (Home): ()				tion (may include duct sealing & Insulation)				
Phone: (Work): ()				tion, HVAC- must achieve 20%+ TES				
Owner: □Yes □No/ Name:			□ Cash-back &	□ Cash-back & 0% Loan (must achieve 20%+ savings)				
Phone: ()			□ Multi-Family	Building Project				
Multi-Fam Dev:								
Bldg: Unit #: #Units	/Bld	g:		ngs with 5+ dwelling units- Whole building Project- Not eligible for Auto-proceed				
Fuel Billing Information: Must submit gas, oil, and/or propane). Must submit 12 cusage for dwelling. Current Utility bill with BPI Health & Safety Requirements: ADDRESSED PRIOR TO INSTALLING ANY	conson 12.	ecutive m -month u Y ISSUES	nonths, or extent of occupat usage graph acceptable to su SIDENTIFIED BELOW, AS	tion if <12 months, of all energy ubmit.				
No Unvented fossil fuel appliances		□ OK	☐ Remove/ Disable					
No Loose Asbestos Like Materials		□ OK	☐ No Blower Door Tests					
No Visible signs of Active Mold/ High Moisture		□ OK	☐ Requires Remediation					
No Exhaust fans vent to attic- vented outside with wall/ termination, pitched ¼ inch per ft, insulated R-7 in uncondition		□ OK	☐ Requires Repairs					
Dryer Properly Vented to outside- vented to outside with semi-rigid metal, insulated R-7 in unconditioned space	h	□ OK	☐ Requires Repairs					
Existing Carbon Monoxide Alarm		□ OK	☐ Must Install					
No Fuel Leaks		□ OK	☐ Requires Repairs					
Passed CAZ Worst-Case Depressurization Testing		□ OK	☐ Requires Repairs					
Passed all Worst-Case Spillage, CO, and Draft Tests	S	□ OK	☐ Requires Repairs					
Moisture Survey: This checklist is provided	l for	evaluati	ng the moisture load of a ho	ome:				
☐ PROPER SIZED GUTTERS ON HOUSE		NO INDO	OR POOL, HOT TUB, POND, ETC.	☐ FOUNDATION DRAINAGE SYSTEM				
☐ GUTTERS ARE NOT CLOGGED	괴	NO UNVE	NTED COMBUSTION APPLIANCES	☐ VAPOR BARRIER ON EXPOSED DIRT				
☐ GUTTER RUN-OFFS EXTEND AWAY		CENTRAL	DEHUMIDIFCATION SYSTEM	☐ SUMP PUMP OPERABLE				
☐ PROPER FOUNDATION GRADING		WHOLE H	OUSE VENTIALTION PRESENT	☐ SUMP PUMP PIT HAS TIGHT COVER				
☐ ADEQUATE ATTIC PASSIVE VENTS		PROPER	CONTROL OF HUMIDIFER	☐ HVAC CONDENSATE DRAINS OUTSIDE				
☐ ATTIC VENT HIGH & LOW, NOT BLOCKED		HOMEOW	NER PROPER USE OF HUMIDIFIER	☐ ADEQUATE CRAWL VENTIALTION				
☐ EXHAUST FANS TERMINATE OUTSIDE		SOURCE	VENTILATION BATHROOM	☐ BSMT/ CRAWLMECHICAL VENTILATION				
☐ NO ROOF LEAKS		SOURCE	VENTIALTION KITCHEN	☐ DRYER VENT TERMINATES OUTSIDE				

Building Model - Program Software Building Model Data Collection

	Orientation: Front entrance of house faces	S:	☐ North	□NE □ Ea	ıst □SE □	South □SW	□ West □NW				
	Attachment : There is another dwelling atta following building surfaces (e.g. Townhomes, Duplex)	ached to the Rowhomes,	□ N/A □ Front	□Above □ Left	☐ Below ☐ Back	☐ Right					
	Buffered Walls: The following walls are a buffered by an unconditioned space (e.g., gara		□ N/A	□Front	□ Left □ B	ack 🗖 Rig	ht				
_	Walls: The building has Above Grade walls	that are	☐ Wood I	Frame 🗖 B	Balloon 🔲	Platform					
ayon			☐ Masonry								
ng L	Floors : Dwelling has floors that are over (Uninsulated heating distribution in the basem			ted Basement		d Crawlspace	□ Slab				
Building Layout	basement)		☐ Heated Basement ☐ heated Crawlspace ☐ Overhang ☐ Other unconditioned space (e.g. garage)								
ш	# Con 1::: and 1	Canditioned A					64 \				
	# Conditioned Floors	Conditioned A Above Grade:		sq ft	Above G	ned Volume (d	cu ft				
	(Full Stories Above Grade)	Above Grade.		34 11	Above	lade.	Cu it				
	Note: <u>Software- Only include the above</u>	Basement:		sq ft	Base	ment:	cu ft				
	grade sq ft and above grade volume on the Building Model Layout screen.	(Do not include the B	Basement sq f								
			1		ume (Use for		cu ft				
	Infiltration Assessment:					ealing already co	•				
	(Estimated from Visual Inspection or Blower Door)	Measured by	☐ Medium infiltration (typical NJ home- no attic air seal completed) ☐ High infiltration (Palloon framed, major attic hypacses)								
	Diemei Deelly		☐ High infiltration (Balloon framed- major attic bypasses)								
ics	Windows /Deadarsin autoriaday har	a) Clasina	☐ Meas			FM50 (from page					
Shell Basics	Windows: (Predominant window typ (Check only one Type & Frame)	e) Glazing:	☐ Wood	•	o .	Double pane Metal	☐ Double w/ low-e				
Shel	Frame:		U WOOO	U VIII	yı –	ı ivietai	-				
	Attic/ Roof:	Insulation:	□ N/A	□ None □	I < R-19 □ R	19 – R38 🔲 R	38+ □R				
	(Based on info recorded on page #	7) Condition:	□ Good,	no noticeable v	roids 🗖 Fair, :	small voids 🛚 🗖	Poor, large voids				
		Ventilation:	☐ None	☐ Low	☐ Code (def	ault) 🗖 High	□Don't know				
	Thermal Boundary Construction/ I	nsulation:	(Based o	n info recorded	on page #7)						
	Exposed wood frame wall	s (Above Grade)	□ N/A	☐ None	□ <r11< td=""><td>☐ R11+</td><td>□R</td></r11<>	☐ R11+	□ R				
	Exposed masonry wall	s (Above Grade)	□ N/A	☐ None	□ <r11< td=""><td>☐ R11+</td><td>□R</td></r11<>	☐ R11+	□ R				
<u> S</u>	Buffered walls (Between Ho	use and Garage)	□ N/A	☐ None	□ <r11< td=""><td>☐ R11+</td><td>□R</td></r11<>	☐ R11+	□R				
)etai	Exposed flo	ors (overhangs)	□ N/A	☐ None	□ <r11< td=""><td>☐ R11+</td><td>□R</td></r11<>	☐ R11+	□R				
Shell Details	Buffered floors (Roo	0 ,	□ N/A	☐ None	□ <r11< td=""><td>□ R11+</td><td>□R</td></r11<>	□ R11+	□ R				
S	Foundation Construction/ Insulation			n info recorded							
		masonry walls	□ N/A	□ None	□ <r11< td=""><td>□ R11+</td><td>□R</td></r11<>	□ R11+	□R				
	Crawispace	masonry walls Slab	□ N/A	□ None	□ <r11< td=""><td>□ R11+</td><td>R</td></r11<>	□ R11+	R				
Der	mographics: (# Occupants)	Sian	□ N/A	□ None	□ <r11< td=""><td>□ R11+</td><td>Unknown</td></r11<>	□ R11+	Unknown				
Del	nograpinos. (# occupants)		1	2 3	4 [5 🗖 6	_				

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Mechanical Systems:

	Outdoor 1	emp:_		°F		In	door A	mbien	t CO:		ррт
<u>Minin</u>	um Draft at C	Dutdoor	Temp:	(Circle	one)						
		-		-	50°/- 1.5pa		-		-	80°-/ 0.7pa	<u> </u>
<u>CO Li</u>	mits: 0 to	o 25ppm	= OK	26	to 100ppm	= Reco	mmend	d Servid	ce >	100ppm:	= Required Service
Fuel L	eaks? □ No	□Yes:									
	stion Applia		ing: (O	ther app			ce heate	er, oven		20	W + 11 0 1 11
Combu	stion Appliance (Write-in)			CO ppm Un-				Ambient (20 ppm	Vented to Outside
					Pass □Fa				ppm	□ No □ Yes	
								·		ppm	U NO U Yes
Oven					ppm 🖵 F	Pass 🖵 Fa	ail require:	s repair		ppm	□ No □ Yes
CAZ Depressurization Zone #1 Limit: Location: (Circle the limit below) (Natural draft Individual DHW = -2) (Natural draft heater or common with natural draft DHW = -3) (Induced draft heater common with natural DHW= -5) (Induced draft individual heater = -15) (Powered vented DHW = -15) (Oil w/ barometric damper = -5) (Oil w/ high-static burner= -15) Note: If you propose to ORPHAN the DHW, the limit at time of Test-out will be -2.0 Worst Case: Bath exhaust Fans Kitchen Exhaust Clothes Dryer Attic Powered Ventilators Central Vacuum Bed Doors (+ Closed/ - Open) Basement Door Other Interior Doors Base Pressure Pascals (Fans off) Worst Case Pres. Pa (Fans on) Net Pressure Change Pascals (Worst-Case Pressure) CAZ WRT Outside CAZ WRT Outside (Base to Worst Case) (CAZ Depressurization)										mon with natural DHW= -5) gh-static burner= -15) s	
		Pa.			·	a.			Pa.	□Pass	- T dii Toquii oo Topuii
Wat	er Heater (D	HW):				Default V	'alues:	R-value =	5 Energy	Factor: Gas =	- 0.54 Oil = 0.51 Elec = 0.88
Locati			≅	Age	Condition				R-value	Gallons	Energy
☐ Tank- standard ☐ Heat Pump ☐ Tank- High Effic. ☐ On demand ☐ Indirect ☐ Tankless back-up ☐ Combustion Testing:					Good Fair Poor Nat Gas Electric Oil Propane Power vent			spheric er vented a er vented a	t ext.	□ No	n vented w/ heat?
	- Power/ Sealed	Vent	c	pillage (<1	minute)	C	O (5 minut	os) Undilu	tod	Dre	aft (5 minutes) In Vent
	Case (Fans On)	_	1 minute) CO (5 minutes) Undiluted requires repair ppm Pass Fail requires								
Natura	l (if fails worst-c		quires repair ppm Pass Fail			Fail requ	ires repair	pa □ P	ass □Fail requires repair		

Note: You must record the CO ppm and draft pa pressure.

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Heating System #1:

	cation		% L	oad 9	% Space	Btu (o	utput)	Make/ Brand		Model #			≃ Aç	je/ Year	g
															olin
Туре	☐ Furnace ☐ Boiler ☐ Elect Resist	□ Wall □ HTP		nel	Nat Gas Propane Oil	on Petails		ensing (90%)	Induce Power	nic Ignition (74%) d Draft (80%) (u Combustion in R n speed (3450rp	se-		nduced	heric combustion I Draft- (use nted at unit)	Heating / Cooling
							•	<u>, , , , , , , , , , , , , , , , , , , </u>			,	1 00	VOI VOI	nou at army	<u> </u>
	bustion Testii	•		On: (T											
□ <i>N</i> ,	//A- Power/ S	ealed Ven	t		Spillage (<1 minute)			CO ppm (5 n	ninutes)	Undiluted	Draft pa (5 minutes) In Vent				
Wors	st Case (Fan	s On)		□Pas	ss □ Fai	requires	s repair	_{ppm} □Pass □	⊒Fail re	equires repair	pa 🗆	⊒Pass	□Fa	il requires re	epair
Natu	ıral (if fails w	orst-case)	□Pas	ss □ Fai	requires	repair	_{ppm} □Pass □	⊒ Fail re	equires repair	pa C	Pass	□Fa	il requires re	epair
Heat	ting Distrib	ution Sy	stem	:				<u>C</u>	olumn	s for supp	y/ retu	rn ML	JST 1	total 100	<u>%</u>
Туре	Hydronic	OR- Air /	Ducts	· -	% of To	ital DUCT	System	is Located in Follow	ing area	as % S	upply	% Retu	ırn	R-value	
	□ Baseboard □ Regular Veloc				J.	Attic		☐ Poorly vented	□ Well	vented				R-	ts
	□ Radiator	locity	DUCTS OUTSIDE	Vented Crawlsp	ace	☐ Crawlspace Ceili	ng Insula	ated				R-	Dnc		
	(3" ducts)				TS 0I	Enclose	d	☐ Crawlspace Ceili						R-	ling
	☐ Steam pipe ☐ ECM Motor ☐ Radiant ☐ Gravity				DNC	Garage	400	☐ Crawlspace Walls Insulated						R-	Coo
	- Radiant		Jiavity		DUCTS INSIDE Conditioned Space- Basement			nent				N/A	Heating/ Cooling- Ducts		
For R	RHA- The Prim	ary uncond	itione	d duct lo	cation = th	e Ducts	Outside	line with the large	st % in	the supply and	l return co	olumns.			Hear
														ults)	_
Duct Leak to Outside □ Software Defaults (25% of system airflow) □ Duct Blaster Result (Attach Testing results)															
<u>Cooli</u>	ng Systen	<u>n #1:</u>													
					leat Pump		1 Mini-Sr	olit ductless	□ None	ż					
Туре	e: 🗆	I Central A/			leat Pump % Spac e			-	□ None		Model#		<u>≃</u> A	age/ Year	Cool
Туре		I Central A/	C % L c		leat Pump % Space	Capa		olit ductless Make/ Brand		Outdoor M	lodel #		≅ A	.ge/ Year	Ht / Cool
Type Loca	e: ation of Indo	I Central A/ or coil System:	% Lo	ad	% Space	Capa	ıcity	Make/ Brand		Outdoor N					
Type Loca Coc Sharec	etion of Indo	I Central A/ or coil System: t System	% Lo	ad	% Space	Capa p this	acity section	Make/ Brand	Colun	Outdoor N	pply/ ret		//US	T total 10	
Type Loca	etion of Indoo	Or coil System: t System cts	% Lo	ad	% Space	Capa	acity section	Make/ Brand	Colun ving area	Outdoor M		turn N % Retu	//US	T total 10	
Type Loca Coc Sharec	etion of Indoo	I Central A/ or coil System: t System	% Lo	ad	% Space Yes-Ski	Capa p this	acity section	Make/ Brand is Located in Follov Poorly vented	Colun	Outdoor M	pply/ ret		//US	T total 10 R-value R-	00%
Type Loca Coc Sharec	oling Duct S d with Hear Air / Du Regul	System: t System cts	% Lo	ad	% Space Yes-Ski	p this sotal DUCT Attic Vented Crawlsp	section System	Make/ Brand is Located in Follov Poorly vented Crawlspace Ceili	Colun ving area □ Well v	Outdoor Manns for superas % Sevented	pply/ ret		//US	T total 10 R-value R-	00%
Type Loca Coc Sharec	oling Duct S d with Hear Air / Du Regul	System: t System cts - ar Velocity velocity ducts)	% Lo	ad	% Space Yes-Ski	p this solution Attic Vented Crawlsp Enclose crawlsps	section System	Make/ Brand is Located in Follov Poorly vented	Colun ving area □ Well ving Insulang Insula	nns for supas % Sevented ated	pply/ ret		//US	T total 10 R-value R- R- R-	00%
Type Loca Coc Sharec	e: Indian of Indoor Indian Duct S Indian With Head Indian Air / Duct Indian Regul Indian High (3" of	System: t System cts - ar Velocity velocity ducts) Motor	% Lo	ad	Yes-Ski % of To	p this setal DUCT Attic Vented Crawlsp Enclose crawlspa	section System	is Located in Follow Poorly vented Crawlspace Ceili Crawlspace Wall	Colunving area Well was the way was the was the way was the was the way was t	nns for supas % S	pply/ ret		//US	T total 10 R-value R- R- R- R- R-	00%
Type Loca Coc Sharec	e:	System: t System cts - ar Velocity velocity ducts) Motor	% Lo	ad	Yes-Ski % of To	p this solution Attic Vented Crawlsp Enclose crawlsps	section System	is Located in Follow Poorly vented Crawlspace Ceili	Colunving area Well was the way was the was the way was the was the way was t	nns for supas % S	pply/ ret		//US	T total 10 R-value R- R- R-	00%
Type Loca Coc Sharec Type	e:	System: t System cts - ar Velocity velocity ducts) Motor	% Lc	No □`	Yes-Ski % of To	p this sotal DUCT Attic Vented Crawlsp Enclose crawlsps Garage	section System ace d ace	is Located in Follow Poorly vented Crawlspace Ceili Crawlspace Wall	Colun ving area Well ving Insulations Insulations Series Insulations	nns for supas % Sevented ated ated ated ated ated ated ated a	oply/ retupply	% Retu	//US	T total 10 R-value R- R- R- R- R-	

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CAZ Depressurization A	Lone #2	Limit:	Location:				_ (CII	cie the iin	nit below)	
(Natural draft Individual DHW = -	2) (Natura	al draft hea	ater or common with	natural dra	aft DHW = -3,) (Induced	draft heater of	common with	natural DHW	V= -5)
(Induced draft individual heater =	- 15) (P	Powered ve	nted DHW = -15) (Oil w/ ba	rometric =	-5) (Oil	w/ high-sta	atic burner=	= -15)	
Worst Case: Bath exhau	ıst Fans	□Kitch	en Exhaust 🗆	Clothes E	ryer 🗖	Attic Powe	ered Ventila	ators 🖵 C	entral Vacuu	um
□Air Handler	/s	☐ Bed [Doors (+ Closed/	- Open)	□ Bas	sement Doo	or 🗖	Other Interi	ior Doors	
Base Pressure Pascals (Fans of	off)		e Pres. Pa (Fans on)		Net Pressure Change Pascals (Worst-Case Pressure)					
CAZ WRT Outside		CAZ	WRT Outside		(Base to Worst Case) (CAZ Depressurization)					
	Pa.			Pa.		P	Pa. Pas	ss □ Fail	l requires repa	air
Heating System #2:							I			
Location Location	% Load	% Space	Btu (output)	Make/ E	Brand	Model #		≅ /	Age/ Year	g
										Heating / Cooling
☐ Furnace ☐ Wall		☐ Nat Ga	as Pilot (ronic Ignition		☐ Atmos	•)/ C
Boiler □ HTP □ Belect Resist	Fossil Fuel	☐ Propar	ne Details □Condi	ensing (90%		ced Draft (80 er Combustic	%) (use-	≔	ed combustion ed Draft- (use	ating
ed Elect Resist	Fo	□ Oil	□ <1984 Low speed	(1725rpm)		igh speed (34	50rpm)	Power v	ented at unit)	He He
·								•		
Combustion Testing: Turn He			-stat +10 degrees) e (<1 minute)	CO	opm (5 minute:	e) Hadiluted	Г	Draft pa (5 mir	outes) In Vent	
				· ·						n o le
Worst Case (Fans On)			ail requires repair		ppm □Pass □Fail requires repair			· ·		
Natural (if fails worst-case		Pass 🖵 F	□Fail requires repair □Pass □Fail requires repair □pa □Pass □Fail requires						<u> </u>	pair
Heating Distribution	System:			<u>Colu</u>	mns for s	upply/ re	turn MUS	T total 10	<u> 10%</u>	
Type Hydronic OR- Air /	Ducts	- % of	% of Total DUCT System is Located in Following areas % Supply %					% Return	R-value	
□ Baseboard □R	egular Veloc	ity 3	Attic	☐ Poorly v	ented 🗖 We	ell vented			R-	ucts
☐ Radiator ☐ H	ligh velocity	Air DUCTS OUTSIDE	Vented Crawlspace	☐ Crawlsp	ace Ceiling Ins	ulated			R-	g- D
	(3" ducts) CM Motor	TS 0	Enclosed crawlspace		ace Ceiling Ins ace Walls Insul				R-	Jolin
	Gravity	DNC	Garage	- oramsp	aco wans msan	idtod			R-	g/Ci
_ radiant	navity	[DUCTS INSIDE	Condition	ed Space- Base	ement			N/A	Heating/ Cooling- Ducts
Duct Leak to Outside	☐ Softwa	re Defaults	s (25% of system ai		ı	L	Result (Attac	ch Testing re		- ₹
Cooling System #2:			(<u></u>	,	
Type:	С. Г	Heat Pur Heat Pur	mn □ Mini-S	plit ductless	. □ No	nne				
Location of Indoor coil	% Load	% Spac		_	Brand		or Model #	· _~	Age/ Year	Ht / Cool
200dion of macor con	70 2000	70 Opus	Gupuony	Marco	Diana	Outuo	or moder "	-	riger real	→
Cooling Duct System: S	Shared w	ith Heat	 System - ⊒No ⊑	l ⊒Yes-Ski	- C	olumns fo	r supply/ r	eturn MUS	T total 100)%
Type Air / Ducts -			Total DUCT System				% Supply	% Return	R-value	
□ Regular Velocity)E	Attic	☐ Poorly v	ented	ell vented			R-	ucts
☐ High velocity		UTSI	Vented Crawlspace		ace Ceiling Ins				R-	ıg- D
(3" ducts)		DUCTS OUTSIDE	Enclosed crawlspace		ace Ceiling Ins ace Walls Insu				R-	oolin
☐ Gravity		DNC	Garage						R-	g/ Cr
			DUCTS INSIDE	Condition	ed Space- Bas	ement			N/A	Heating/ Cooling- Ducts
Duct Leak to Outside	☐ Softwa	are Default	s (25% of system a		· ·		Result (Atta	L ch Testina re		゠゚ヹ

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<u>Air Leakage</u>- House Preparation for Blower Door Testing: (Confirm that the following items have been addressed) (Note: This list may not be all-inclusive, check all areas of the home prior to blower door testing)

☐ FIREPLACE/WOODSTO	VE ASH COVERED		NO LOOSE DRY	WALL/ PLASTER			IO VERN	<i>IICULITE</i>	E INSULATION
	ED TO PILOT		SUSPENDED CE	EILING TILE DISPL	ACED	□ Λ	10 L00S	SE ASBE.	STOS LIKE MATERIALS
☐ T-STAT SET TO "OFF"/	FAN TO "AUTO"		INTERIOR DOO	PRS OPEN			PETS SE	CURED	
☐ EXHAUST FANS TURNE	D OFF		CLOTHES DRYE	ER TURNED OFF			10 L00S	SE SOOT	PRESENT IN FLUES
# Full Stor	ies Above Grad	le = N Fa	ctor: 1= 18.5	5 1.5= 16.5	2= 15	2.5	= 14	3= 1	13.3◀
House Volume	(0.35/60)	=	Required CFM						
	X .0058	=			Higher Numb Note:	er		N	Х
From Page #2					(Required CF) minus	U)		BAS	=
# Occupants	CFM	=	Required CFM		(Final BD #/ N mechanical ve				x 0.70
	X 15	=			CFM	an ran	70%	BAS	=
wer Door Test: Type of Testing				Шо	use Pressur	•			Pre- CFM ₅₀
				ПО	use Fressur				1 16- OI W ₅₀
□Depressur	ization 🖵 🗀 F	Pressuri	ization	□ 50 Pa					
	Propose	ed Air F	low =	1000 CFM	M50		0.75	(CFM50
	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
ilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
tilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
ilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
tilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
tilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
ilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
tilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
tilation, if $< 70\%$ BAS you	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic
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e: Maximum Proposed retilation, if < 70% BAS you Notes:	Propose Incr duction for credit	ed Air F rease the notation toward TE	low = umber of units /	CFN 1000 CFN Thours in the sociation of the property of the p	M50 ftware until to	The prop $w < Ba$	0.75 oosed <u>C</u> s, you n	FM50	CFM50 is achieved commend mechanic

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Insulation/ Air Sealing:

(Must record details for minimum 1-Attic/ Ceiling, 1-Above Grade Wall, and 1-Foundation for Building Model)

Insulation Types:			Quality	Voids In Software
N = None	ICY = Icynene	CE = Cellulose	<u>G</u> ood = No Gaps or Compression	None
FG = Fiberglass Batt	RF = Rigid Foam Board	P = Spray polyurethane	<u>F</u> air = > 2 ½% to 5 % of area has no insulation	~0.25"
BFG = Blown FG	CR = Cross Batt	R= Rock/ Mineral wool	Poor = not enclosed in walls	~0.50"

Attic Venting Rate:

Code = 1 sq ft net free area of vent for each 300 sq ft of attic floor- (Gross vent area / 2 ≈net free area)

Attic Floor sq ft / 300 = x 144 =	(A) Minimum REQUIRED square inches net free vent area
Existing square feet of gross vent area=	x 72 =(B) Estimated square inches net free vent area
(A) =	required net free vent area square inches

Attics/ Ceilings: Flats/ Slopes/ Kneewall

Location		Framing		Area Sq. Ft.	Ins. Type	Thickness	Qua	ality	R- Value	
	2 x	@	O.C.			ln.	G	F	R-	Roo
	2 x	@	O.C.			ln.	G	F	R-	ttic /
	2 x	@	O.C.			ln.	G	F	R	S A
Kneewalls	2 x	@	O.C.			ln.	G F	P P	R	Ë

✓ = NEEDS WORK

SEAL TOPPLATES TO DRYWALL	TIN & FIRE CAULK AT FLUE/ CHIMNEY CHASE	
SEAL TOPPLATE PENETRATIONS	INSULATE AND SEAL ACCESS	⊒PANEL □STAIR
DRAFTBLOCK AT CHASES/ SOFFITS/ DROPS	BOX RECESSED LIGHTS (DRYWALL, METAL, OR	DUCTBOARD)
DUCT EXHAUST FANS TO OUTSIDE	FIRE BLOCK GAP AT FIRE WALLS (REQUIRES CO	DE APPROVAL)

Above Grade Walls: Siding Type: _____ Insulation

4 2	Dove Grade Wans.	, pc						mount	111011	
	Location		Framing		NET Area Sq. Ft.	Ins. Type	Thickness	Quality	R- Value	
	Exterior	2 x	@	O.C.			ln.	F	R-	Vall
		2 x	@	O.C.			ln.	F	R-	N-nc
		2 x	@	O.C.			ln.	F	R-	ulation
	Garage Wall (Buffered)	2 x	@	O.C.			ln.	F	R-	Insi

Framed Floors: Insulation

Location		Framing		Area Sq. Ft.	Ins. Type	Thickness	R- Value	
Overhangs	2 x	@	O.C.			ln.	R-	Floor
Over Garage (Buffered)	2 x	@	O.C.			ln.	R-	lon /
Over Crawlspace (Buffered)	2 x	@	O.C.			ln.	R-	undation
Band Joists (Buffered)	2 x	@	O.C.			ln.	R	Fo
	2 x	@	O.C.			In.	R	lns

Foundation Walls & Slabs: Insulation

Location/ Type	Length- Linear Feet	Area- Square Feet	Ins. Type	Thickness	R- Value	
Basement Walls (Buffered)				ln.	R-	lation
Crawlspace Walls (Buffered)				ln.	R-	Found
				In.	R	l-sul

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