

Application #:


ClientID:

ClientName:

Day Phone:

Assessors:

Assessment Date:

Wall Type		Exterior Type		Wall Area Sq'		Exposure	Existing Insulation		Insulation to Add	
1. Balloon Frame 2. Platform Frame 3. Masonry / Stone	4. Cinder Block 5. Adobe 6. Other	1. Wood 2. Metal(Vinyl) 3. Stucco	4. Brick(Stone) 5. Masonite 6. Other	<i>total gross area of the exterior wall, including windows and doors.</i>		1. Outside 2. Buffered 3. Attic	1. None 2. Bln Cellulose 3. Bln Fiberglass	4. Rockwool 5. Fiberglass Batts 6. Polystyrene / Other	1. None 2. Bln Cellulose 3. Bln Fiberglass	

Walls	Wall Type	Stud Size	Exterior Type	W' / H'	Area Sq'	Orientation	Exposure	Exist. Insul.	Exist RVal	Add Insul / Add R
WALL 06										
WALL 07										
WALL 08										
WALL 09										
WALL 10										
WALL 11										
WALL 12										
WALL 13										

WindowType	Slider	Frame Type	Glazing	InteriorShade	Ext. Shade	Leakiness	Number	Retrofit	Fabric	Frame Sz
1. Jalousie 2. Slider 3. Fixed 4. Door Window 5. Door Slider 6. Skylight	1. Horizontal 2. Vertical 3. Left - Right 4. Right - Left	1. Wood / Vinyl 2. Metal 3. Improved Metal 4. COLOR - B M W	1. Single Pane 2. Sngl. P. W/ Storm 3. Sngl P. Bad/ Storm 4. Double Pane 5. Dbl. P. W/ Low E	1. Drapes 2. Blinds / Shades 3. Drapes w/ Shades 4. None	1. Low E Film 2. Solar Screen 3. Awning 4. Carport 5. Porch 6. None	1. Very Tight 2. Tight 3. Medium 4. Loose 5. Very Loose	# of windows with the same description on this wall.	1. Evaluate 2. Weatherize 3. Replace 4. Rep. W/Low E 5. Add Storm 6. None	C - Charcoal B - Bronze G - Gray	1. 5/16 2. 3/8 F.Color B M W

S h a d e

Windows	Wall #	Type	Slider	Frame	Color	Glazing	Interior	Exterior	% Shade	Leakiness	# of Same	Retro	W "	H "	Fab	Frm	F.C
WIND 05																	
WIND 06																	
WIND 07																	
WIND 08																	
WIND 09																	

Door Type	StormDoor	Number	Measure	Swing	Lockset	Air Seal	Threshold Oak/Bumper		Hinge Strike		
1. H-Core Wood 2. S-Core Wood 3. Insulated Steel	4. Sngl Sliding Glass 5. Dbl Pane Glass	1. Adequate 2. Deteriorated 3. None	# of Doors With the same Description	1. Repair 2. Replace	1. Right Hand 2. Left Hand	1. DeadBolt 2. Knob 3. Combo	1. Jamb Up 2. Q-Lon 3. Sweep (M/B)	4. V-Seal (C/B) 5. 3/4 Oak 6. 1 Bumper	4. 1 x 5/8 Bumper 5. 1/2 Bumper 6. 3/4 Bumper (B)	1. Reg 2. NRP	1. Reg 2. Lrg

DoorCode	Wall #	Type	Area	Storm Dr.	Number	Measure	Swing	Width	Height	Thick	Lockset	Air Seal +	Thresh	Hinge Strike	Viewer
DOOR 01												⋮			
DOOR 02												⋮			
DOOR 03												⋮			
DOOR 04												⋮			
DOOR 05												⋮			

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ATTICS

AtticType	JoistSpace	Type	Material
Unfinished	1. Unfloored	1. 16 in	1. Batts
	2. Floored	2. 18 in	2. Blown
	3. Cathedral / Flat	3. 24 in	3. Other

Area Type	Floor Type	Type	Material
Finished	1. Unfloored	1. Batts	1. Fiberglass
	2. Floored	2. Blown	2. Rockwool
	3. Kneewall	3. Other	3. Cellulose
	4. Roof Rafter		

Existing Insulation

AtticCode	AtticType	Joist Sp	Area	Type	Material	Depth
UFA 01						
UFA 02						
UFA 03						
UFA 04						

Existing Insulation

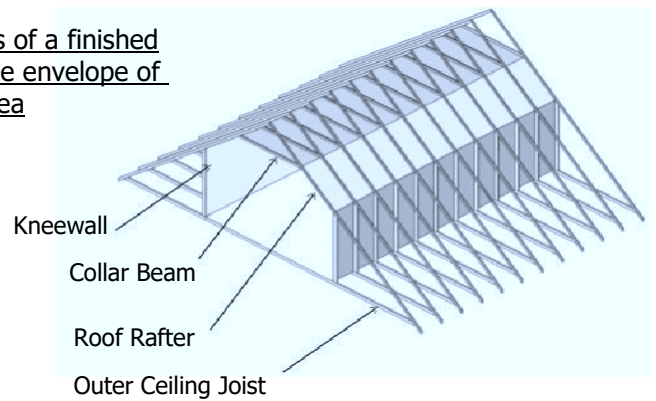
AtticCode	AreaType	Floor	Area	Type	Material	Depth
FA 01						
FA 02						
FA 03						
FA 04						
FA 05						
FA 06						
FA 07						

Additional Attic Framing Details

Type	Centers	Heat Sources	Sq ft.	Exist	Add
1. Cathedral	1. 16 in	1. WH / Furn	<input type="text"/>		
2. Kneewall	2. 18 in	2. Exh Fan			
3. Skylight	3. 24 in	3. Rec Lght			

Hatch
Stairbox
Batt/Baffle
Foam WS

The four parts of a finished attic define the envelope of the heated area



FOUNDATIONS

Foundation Type

1. Conditioned
2. Non Conditioned
3. Vented Non Cond.
4. Unintentionally Cond.
5. Uninsulated Slab
6. Insulated Slab
7. Exposed Floor

FoundCode	FoundType
FD 01	
FD 02	
FD 03	

Floor Area (sq ft)

Exist. Insul. R-Value

Sill Joist Size (in)

Perimeter to Insul (ft)

F. Wall Height (ft)

Height Exposed (%)

Perimeter (ft)

Exist. R-Value

Foundation Insulation Options

Floor None

BUILDING SHELL - Comments

Include roof type, condition, and venting

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Required Heating System Details

SysCode **Manufacturer Model #** Photo Documented

Heating Equipment Type		Fuel Type	Equipment Location	HS01		
1. Gravity Furnace	6. Heat Pump	1. Natural Gas 5. Oil	1. Heated Space	HS02		
2. Forced Air Furnace	7. V-Space heater	2. Electricity 6. Propane	2. Uncond. Space	HS03		
3. Fixed Elect Resistance	8. UnV-Space Heater	3. Wood 7. Coal	3. Unintentional Heated			
4. Portable Electric	9. V-Wall Furnace	4. Kerosene 8. Other				
5. Hot Water Boiler	10. UnV-Wall Furnace					

Primary Sys	SysCode	Type	Fuel	% Supplied	Location	Sq'	Watts	Amps	Volt	Heat Pump Details		Energy Index	
										HSPF or	Yr.Purch.	FloorArea Sq'	Year Built
	HS01												
	HS02												
	HS03												

Input Heating Units	Condition
1. No Input 4. Lbs/hr	1. Good 4. Broken (non-function)
2. kBtu/hr 5. CCM	2. Fair 5. None
3. Gals/hr	3. Poor (functions)

Duct Type Rect / Round	Length	Width	Height if Rectangular	Diameter if Circular
Uninsulated Supply Ducts				

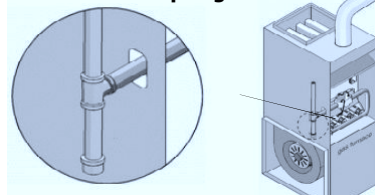
SysCode	InputUnits	InputRating	Output Cap. (in heat units)	SS Eff. %	EquipCond.	Smart Therm
HS01						
HS02						
HS03						

Auto Vent Damper			Pilot Light / IID			PowerBurn	Retention Head	
Present	Recomd	Flue Dia	IID PilotLight	Summer	Present		Recomd	

Additional Heating System Details

Burner Condition	Pilot Condition	Elect. Serv. Switch
1. Good	1. Good	1. Good
2. Fair	2. Fair	2. Fair
3. Poor (working)	3. Poor (working)	3. Poor (working)
4. Broken (not working)	4. Broken (not working)	4. Broken (not working)

Gas Furnace Drip Leg



Thermostat Type
1. Mech (bimetallic)
2. Mech (mercury)
3. Elect (no setback)
4. Elect (w/ setback)

Combustion Air
Existing Add

Seal Closet
No Yes

SysCode	BurnerCond	PilotCond	E.Serv.Switch	C/O levels	GasLeak
HS01					
HS02					
HS03					

Cracked Heat Exchanger	Fuel Shut Off Not Present	Drip Leg Not Present	Therm.Type	Day Setting	Night Setting

Additional Comments

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Cooling System Details

AC UnitType 1. Central 2. Window 3. Heat Pump 4. Evaporative Cooler

Photo Documented

AC Code	AC Type	Area Cooled (sq')	Size (kBTU/hr)	SEER or	Yr.Purchased	Manufacturer	Model #	Serial #
AC01				:				
AC02				:				
AC03				:				
AC04				:				

Additional Comments

Ducts / Infiltration

Duct Blower Method

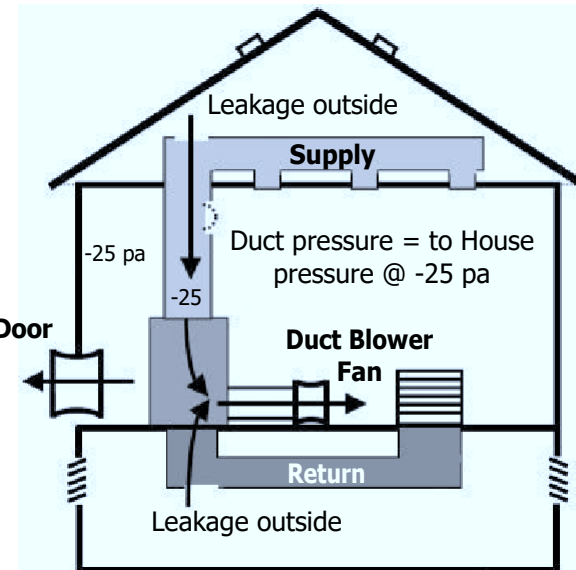
WHOLE HOUSE BLOWER DOOR MEASUREMENTS

DUCT OPERATING PRESSURE

	Before WZN (Initial) ¹	After WZN Target ¹	Duct Operating Pressures Before Duct Sealing		
Air Leakage Rate (CFM)	<input type="text"/>	<input type="text"/>	Supply (Pa)	<input type="text"/>	
at House Pressure Difference (Pa)	50	50	Return (Pa)	<input type="text"/>	
Blower Door Flow Ring	Open	Ring A	Ring B	Ring C	

DUCT BLOWER MEASUREMENTS

Before Duct Sealing - Initial	Total ²	Outside ³	After Duct Sealing Target	Total ³	Outside
Fan Flow (CFM)	<input type="text"/>	<input type="text"/>	Fan Flow (CFM)	<input type="text"/>	<input type="text"/>
Duct Pressure (Pa)	25	25	Duct Pressure (Pa)	25	25
House Pressure WRT Outside (Pa)	25	25	House Pressure WRT Outside (Pa)	25	25
Duct Blower Flow Ring	Open	Ring 1	Ring 2	Ring 3	



Leakage to Outside Depressurization Test

- Conduct a 'Standard' Blower Door depressurization test. (open registers and Hvac filters removed)
 - Conduct a Duct Blower depressurization test. (seal return and supply registers)
 - With the return and supply registers sealed, use the Blower Door to depressurize the envelope to -25 pa.
 - With the house at -25 pa, and duct pressure at -25 pa, measure the duct CFM (WRT outside)
- ¹ Record initial, calculate target.
 - ² Record total fan flow CFM.
 - ³ Record 'outside' calculate target.

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BASELOADS

Water Heater(s)

WH Code	Manufacturer	Model:	Serial #:	Photo
WH01				
WH02				

Shower Heads

of Shower Heads
 Shower Use (min/day)
 Average GPM

Fuel Type	Equipment Location	Input Units
1. Natural Gas	1. Heated Space	1. kBTU
2. Electricity	2. Uncond. Space	2. kW
3. Propane	3. Unintentional Heated	

If WH wrap is present, skip Insul. Thick & Insul. Type
Is the first 5' of WH supply pipe insulated?

Insulation Type
1. Fiberglass
2. Polyurethane

Water Heater Condition Burner Condition

WH Code	Fuel Type	Equip. Loc.	Rated Input	Input Units	Gallons	WH Wrap	Pipe Insul.	Insul. Thick.	Insul. Type	Good	Fair	Poor	Good	Fair	Poor	CO Level	WH Stand
WH01																	
WH02																	

Comments:

Refrigerator

Manufacturer	Model	Photo
<input type="text"/>	<input type="text"/>	

Refrigerator Style	Defrost	Refrigerator Location	Size cuft
1. Top Freezer 2. Side by Side 3. Single Door	4. Sngl Door w/ Freezer 5. Bottom Freezer 6. Other	1. Automatic 2. Manual 3. Partial Auto 4. Other 5. Heated Space 6. Uncond. Space 7. Unintentional Heated	

Available Space Dimesions

Height(in)
 Width(in)
 Depth(in)

Ice Maker

Door Type	Door Swing	Freezer Type
Single	Right Hand	Top
Double	Left Hand	Bottom

Lighting System

Room Description	Location	Lamp Type
1. Family 2. Kitchen 3. Living 4. Rec	5. Dining 6. Bedroom 7. Bathroo 8. Utility	1. Ceiling 2. Floor 3. Table 4. Wall 5. Closet 6. Other 1. Standard 2. Floor 3. Other

Light Code	Room Desc	Room Location	Lamp Type	Quant.	Size (watts)	Usage (hr/day)
LT01						
LT02						
LT03						
LT04						
LT05						
LT06						
LT07						
LT08						
LT09						
LT10						

Consumption

Label / Database Annual Consumption

kWhr/yr	Refrig Age	Door Seal Condition
	1. < 5 Yrs. 2. < 10 Yrs.	3. < 15 Yrs. 4. > 15 Yrs.
		1. Good 2. Some Wear 3. Visible Gaps

Or

Metered Consumption

Minutes Defrost Manual Defrost
 Meter kWh Includes Defrost Cycle
 Temp F

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HEALTH & SAFETY

Whole House

Carbon Monoxide Measurements

Alarms Needed

Rm with Heating System (ppm)

Smoke Detector Rm with Water Heater (ppm)

CO Monitor Living Area (ppm)

Kitchen (ppm)

Comments

Building Shell

Attic

Recessed Lights Present

Chimney/Flue Incorect Shielding

Wiring/Electrical Problems

Inadequate Ventilation

Water Leaks Present

Moisture Problems Evident

Vermiculite Present

Other Problems

Walls

Wiring/Electrical Problems

Water Leaks Present

Moisture Problems Evident

Lead Based Paint is Likely

Asbestos in Siding is Likely

Other Problems

Crawlspace / Basement

Vapor Barrier Needed

Wiring/Electrical Problems

Water Leaks Present

Plumbing Leaks Present

Moisture Problems Evident

Other Problems

Equipment

Worse Case Condition Draft Measurements - SPACE HEATING SYSTEM

Date	<u>Conducted During</u>		Outdoor Temp (F)	Draft (Pa or in H20)	Spillage Time(sec)	Comments
	Audit	Inspection				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Worse Case Condition Draft Measurements - WATER HEATING SYSTEM

Date	<u>Conducted During</u>		Outdoor Temp (F)	Draft (Pa or in H20)	Spillage Time(sec)	Comments
	Audit	Inspection				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

CookStoveCO Measurements

CO Measurement Oven (ppm)

CO Measurement Burner 1 (ppm)

CO Measurement Burner 2 (ppm)

CO Measurement Burner 3 (ppm)

CO Measurement Burner 4 (ppm)

Gas Leak Present

Exhaust Fans

Bathrooms

Missing

Non Operational

Improper Venting

Kitchen

Missing

Non Operational

Improper Venting

Wood Stove / Fireplace

Wood Stove / Fireplace is Present

Improper Venting

Inadequate Combustion Air

Clothes Dryer

Improper Venting

Air-to-Air Heat Exchanger

Exist Non Operational

