

Account Name: Your Name Account Number: JLD-032324 Audit Date: Today's Date



**Audit Data**

Account Name:	Your Name	Audit Date:	Today's Date
Account Number:	JLD-032324	Auditor:	Your User Name
Client Address:	111 N. Trailwood St	City:	
	Desloge MO, 63601-2829	State:	
Audit Name:	Initials/Date (ex. JLD-032324)	Conditioned Floor Area:	1120
# of Occupants:	4	Conditioned Volume:	8400
Length:	70	# of Bedrooms:	3
Width:	16	Outdoor Water Heater	
Exterior Wall Height:	7.5	Closet:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Infiltration Height:	12		
Wind Shielding:	Well Shielded <input type="checkbox"/> Normal Shielding <input type="checkbox"/> Exposed <input checked="" type="checkbox"/>		

**Exterior Photos**



Comments:

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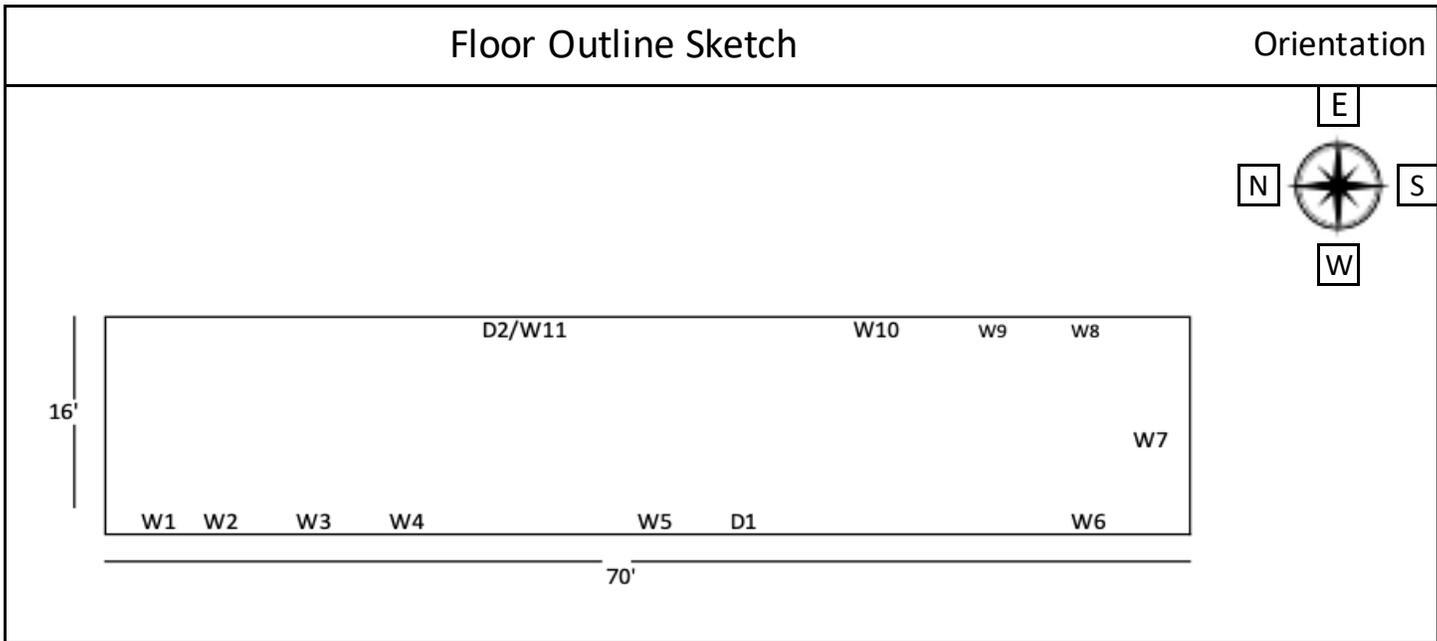


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**MH - Walls**

Wall Stud Size:  2x2  2x3  2x4  2x6  
 Orientation of Long Wall:  North  South  East  West  
 Wall Ventilation:  Vented  Not Vented  
 Uninsulatable Wall Area(sq ft):   
 Additional Cost:

**Existing Insulation**

Batt/Blanket (in):   
 Loose Fill (in):   
 Foam Core (in):

**Carport/Porch Roof**

Carport/Porch Present:   
 Length(ft):   
 Width (ft):   
 Orientation:  North  South  East  West

Coments:

WAweb Aligned Field Audit Data Collection Form

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**Window Key**

Window Type:	J-Jalousie	A-Awning	S-Slider	F-Fixed	DW-Door Window	SGD-Sliding Glass Door	SKL-Skylight
Frame Type:	F-Fiberglass	V-Vinyl	W-Wood	M-Metal	IM-Improved Metal		
Glazing Type:	SP-Single Pane	DP-Double Pane	DPL-Double Pane Low-e				
Storm Window:	N-None	C-Clear	L-Low-e				
Interior Shading:	N-None	D-Drapes	BS-Blinds or Shades	DBS-Drapes with Blinds or Shades			
Exterior Shading:	N-None	OA-Overhang or Awning	CP-Carport or Porch	LF-Lowe-e Film			
		SSF-Sun Screen Fabric	SSL-Sun Screen Louvered				
Leakiness:	VT-Very Tight	T-Tight	M-Medium	L-Loose	VL-Very Loose		
Repairs Needed:	N-None	R-Replacement	SW-Storm Window	AS-Air Seal/Caulk	GR-Glazing Repair	SL-Sash Lock	

**Windows**

Window Code	Window Type	Orientation	Frame Type	Glazing Type	Storm Window	Interior Shading	Exterior Shading	Horizontal Projection	Distance from Lintel	Leakiness	Size	Repairs Needed
1	S	West	M	SP	C	BS	N			M	12x28	R
2	S	West	M	SP	N	BS	N			L	24x36	R/SW
3	S	West	M	SP	N	BS	N			L	24x36	R/SW
4	S	West	M	SP	C	BS	N			M	30x30	R
5	S	West	M	SP	C	BS	N			M	24x36	R
6	S	West	M	SP	C	BS	N			M	24x20	R
7	S	South	M	SP	C	BS	N			M	24x36	R
8	S	East	M	SP	C	BS	N			M	24x36	R
9	S	East	M	SP	C	BS	N			M	24x36	R
10	S	East	M	SP	C	BS	N			M	24x36	R
11	DW	East	M	SP	N	N	N			T	12x12	N
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												

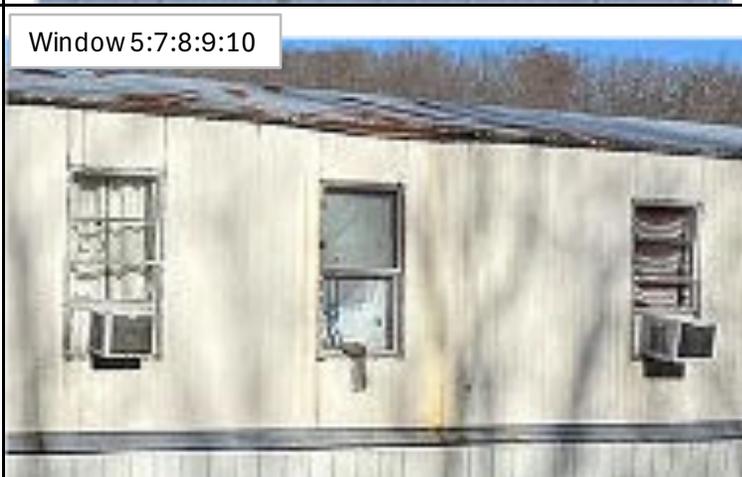
Account Name:      Your Name      Account Number:      JLD-032324      Audit Date:      Today's Date

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Windows (Cont.)**



Account Name: Your Name Account Number: JLD-032324 Audit Date: Today's Date



### Doors

Door Code:

Door Type:  Hollow Core Wood  Solid Core Wood  
 Insulated Steel  Standard MH Door

Width:   
 Height:

Storm Door Present:

Leakiness:  Tight  Medium  Loose

Number of Doors Facing North:  East:   
 South:  West:

Replacement Door Required:   
 Include in SIR:

Additional Cost (\$/door):

Comments: New Door, No Repairs Needed

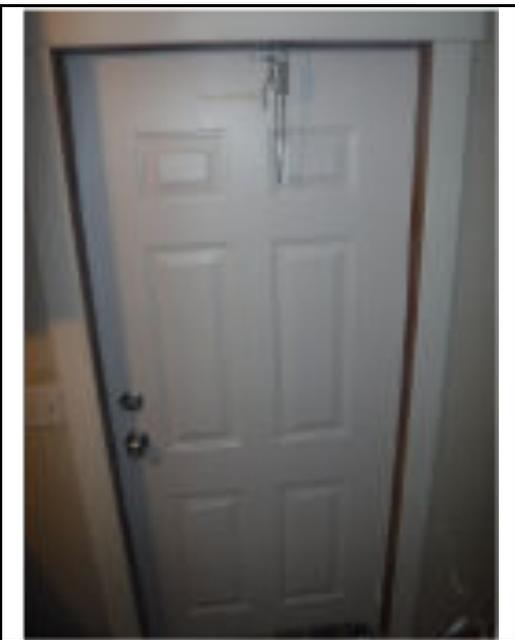
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Door Code:

Door Type:  Hollow Core Wood  Solid Core Wood  
 Insulated Steel  Standard MH Door

Width:   
 Height:

Storm Door Present:

Leakiness:  Tight  Medium  Loose

Number of Doors Facing North:  East:   
 South:  West:

Replacement Door Required:   
 Include in SIR:

Additional Cost (\$/door):

Comments: Needs weather strip and sweep if door replacement is not cost effective

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**MH - Ceiling**

**Ceiling Information**

- Roof Type:  Flat  Bowstring  Pitched  
 Roof Color:  White, Reflective, or Shaded  Normal or Weathered  
 Joist Size:  2x4  2x6  2x8

Height of Roof at Center (in):

Insulation to Add at Center (in):

Additional Cost (\$):

**Existing Insulation**

Batt/Blanket (in):

Loose Fill (in):

Foam Core (in):

**Cathedral Ceiling Information**

Cathedral Ceiling (%):

- Step Wall Orientation:  North  South  East  West  None

**MH Ceiling Photos**



Comments:

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**MH - Floor**

Floor Information

Floor Joist Direction:  Lengthwise  Widthwise  
 Skirt Present:   
 Additional Cost (\$):

Wing Description

Floor Joist Size:  2x4  2x6  2x8  
 Batt/Blanket Insulation Location:  Attached to Flooring  Between Joists  
 Attached Under Joists  None  
 Batt/Blanket Insulation Thickness (in):   
 Loose Insulation Thickness (in):

Belly (Center) Description

Floor Joist Size:  2x4  2x6  2x8  
 Belly Cavity Configuration:  Rounded  Flat  Square  
 Condition of Belly:  Good  Average  Poor  
 Maximum Depth of Belly Cavity (in):   
 Batt/Blanket Insulation Location:  Attached to Flooring  Between Joists  
 Attached Under Joists  Draped Below Joists  None  
 Batt/Blanket Insulation Thickness (in):   
 Loose Insulation Thickness (in):

MH Floor Photos

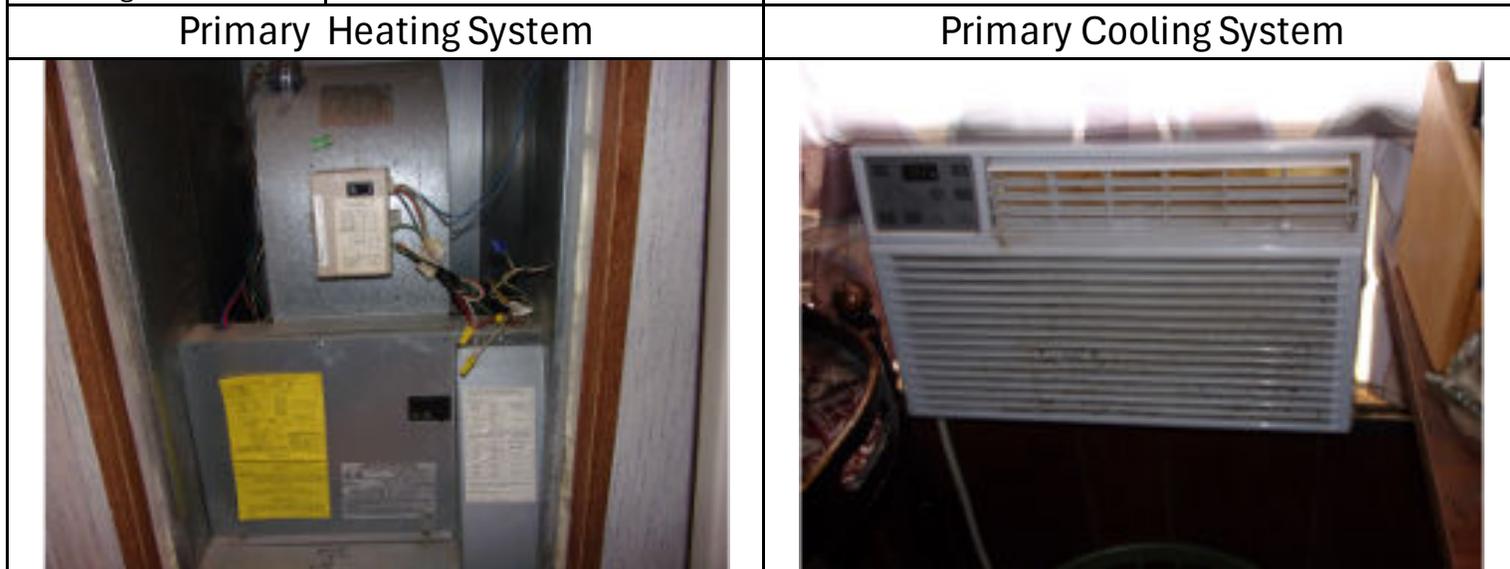


Comments:

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Primary Heating System		Primary Cooling System	
HVAC System code:	Central Furnace	HVAC System code:	Room AC 1
Manufacturer:	Coleman	Manufacturer:	Kenmore
Model Number:	EB10B	Model Number:	58075063500
Serial Number:	950964928	Serial Number:	
Equipment Type:	Forced Air furnace	Equipment Type:	Window Air Conditioner
Location:	Conditioned Space	Location:	Conditioned Space
Primary Fuel Type:	Electricity	Primary Fuel Type:	Electricity
Efficiency Input Method:	Steady State Efficiency	Efficiency Input Method:	Name Plate Efficiency
Input Capacity:	34,000 Btu/h	Efficiency:	9.5 EER
Output Capacity:	34,000 Btu/h	Output Capacity:	5,000 Btu/hr
Fraction of Load Served:	Estimate	Fraction of Load Served:	Estimate
Equipment Features:		Year Installed:	2001
		Maintenance Status:	Seldom/Never Maintained
	IID <input type="checkbox"/> Pilot Light <input type="checkbox"/> On in Summer <input type="checkbox"/>		
Year Installed:	1995		
Maintenance Status:	Seldom/Never Maintained		
Heating Setback Used:	No		



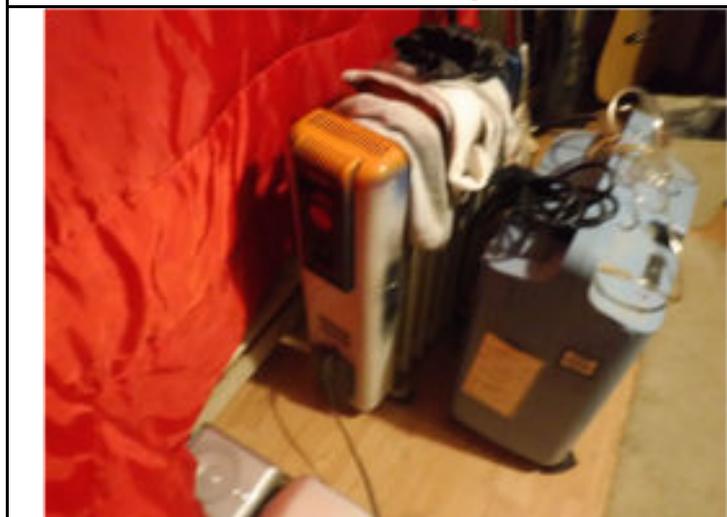


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Secondary Heating System		Secondary Cooling System	
HVAC System code:		HVAC System code:	Room AC 2
Manufacturer:	Delonghi	Manufacturer:	Danby
Model Number:		Model Number:	DAC060BBUWDB
Serial Number:		Serial Number:	
Equipment Type:	Space Heater	Equipment Type:	Room AC
Location:	Conditioned Space	Location:	Conditioned Space
Primary Fuel Type:	Electricity	Primary Fuel Type:	Electricity
Efficiency Input Method:	Name Plate Efficiency	Efficiency Input Method:	Name Plate Efficiency
Input Capacity:	1500W	Efficiency:	12.2 EER
Output Capacity:	1.5Kw	Output Capacity:	6000
Fraction of Load Served:	Estimate	Fraction of Load Served:	Estimate
Equipment Features:		Year Installed:	2017
		Maintenance Status:	Seldom/Never Maintained
	IID <input type="checkbox"/> Pilot Light <input type="checkbox"/> On in Summer <input type="checkbox"/>		
Year Installed:	2010		
Maintenance Status:	Seldom/Never Maintained		
Heating Setback Used:			

Secondary Heating System	Secondary Cooling System
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Secondary Heating System		Secondary Cooling System	
HVAC System code:	Space Heater 2	HVAC System code:	Room AC 3
Manufacturer:	Comfort Zone	Manufacturer:	LG
Model Number:	CZ2032C	Model Number:	LWHD8000R
Serial Number:		Serial Number:	501TABN07213
Equipment Type:	Space Heater	Equipment Type:	Room AC
Location:	Conditioned Space	Location:	Conditioned Space
Primary Fuel Type:	Electricity	Primary Fuel Type:	Electricity
Efficiency Input Method:	Name Plate Efficiency	Efficiency Input Method:	Year Manufactured
Input Capacity:	1500W		1999
Output Capacity:	1.5Kw	Output Capacity:	8,000 Btu/hr
Fraction of Load Served:	Estimate	Fraction of Load Served:	
Equipment Features:		Year Installed:	1999
	Automatic Vent Damper	Maintenance Status:	Seldom/ Never Maintained
	IID <input type="checkbox"/> Pilot Light <input type="checkbox"/> On in Summer <input type="checkbox"/>		
Year Installed:	2015		
Maintenance Status:	Seldom/ Never Maintained		
Heating Setback Used:			

Secondary Heating System	Secondary Cooling System
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## Ducts

Duct System Code:

Duct Type:  Supply  Return

HVAC System Served: Heating System Code:   
 Cooling System Code:

Duct Location:  Conditioned Space  Unconditioned Attic/Ceiling  Unconditioned Basement  
 Unconditioned Crawlspace/Belly

Duct Insulation:  Above Duct  Below Duct  Around Duct  No Insulation

Duct Dimensions:  Rectangular  Round

Length:	<input 25%;"="" type="text" value="58'&lt;/input&gt;&lt;/td&gt; &lt;td style=" width:=""/> Diameter:	<input type="text"/>	
Width:	<input text"="" type="text" value="8''&lt;/input&gt;&lt;/td&gt; &lt;td&gt;Length:&lt;/td&gt; &lt;td&gt;&lt;input type="/>		
Insulation R-value:	<input text"="" type="text" value="0&lt;/input&gt;&lt;/td&gt; &lt;td&gt;&lt;/td&gt; &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;# of Return Registers:&lt;/td&gt; &lt;td&gt;&lt;input type="/>		

Duct System Code:

Duct Type:  Supply  Return

HVAC System Served: Heating System Code:   
 Cooling System Code:

Duct Location:  Conditioned Space  Unconditioned Attic/Ceiling  Unconditioned Basement  
 Unconditioned Crawlspace/Belly

Duct Insulation:  Above Duct  Below Duct  Around Duct  No Insulation

Duct Dimensions:  Rectangular  Round

Length:	<input type="text"/>	Diameter:	<input type="text"/>
Width:	<input type="text"/>		
Height:	<input type="text"/>	Length:	<input type="text"/>
Insulation R-value:	<input type="text"/>		
# of Return Registers:	<input type="text"/>		

Notes:

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### Duct Pressure Pan Measurements

	Location	Initial (Pa)	Final (Pa)
1	Living Room	11.9	
2	Master Bed	3.3	
3	Bed 2 South	4.7	
4	Bed 3 West	5.5	
5	Hall	7.8	
6	Bathroom	13.1	
7	Master Bathroom	3.8	
8	Kitchen	4	
9			
10			

	Location	Initial (Pa)	Final (Pa)
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Sum of Pressure Pan Measurements: 58.8

### Zonal Pressure Diagnostics

Location	Initial House to Zone Pressure Differential	Final House to Zone Pressure Differential
Attic 1	43.7	
Attic 2		
Attic 3		
Other		
Other		
Unconditioned Basement / Crawlspace 1	38	
Unconditioned Basement / Crawlspace 2		
Attached Garage		

#### HVAC Room Pressure Balance Measurements

Location	Initial House to Zone Pressure Differential	Final House to Zone Pressure Differential
Bedroom 1		
Bedroom 2		
Bedroom 3		
Bedroom 4		
Bedroom 5		
Bathroom 1		
Bathroom 2		
Bathroom 3		
Other		

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Infiltration & Duct Leakage

Comments:

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Evaluate Duct Sealing:

Whole House Blower Door Measurements

	Before Weatherization (Existing)	After Weatherization (Target or Actual)
Air Leakage Rate (cfm):	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
At House Pressure Difference (pa):	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Infiltration Reduction (\$):	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Evaluate Duct Sealing:       Duct Leakage Method:

	Whole House Blower Door Measurements:			Duct Operating Pressures	
	Before Weatherization (Existing)	After Duct Sealing and Before Other Weatherization (Target or Actual)	After Weatherization (Target or Actual)	Before Duct Sealing	After Duct Sealing
Air Leakage Rate (cfm):	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	Supply (Pa):	<input style="width: 100%;" type="text"/>
At House Pressure Difference (pa):	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	Return (Pa):	<input style="width: 100%;" type="text"/>
Infiltration Reduction (\$):	<input style="width: 100%;" type="text"/>				
Duct Sealing (\$):	<input style="width: 100%;" type="text"/>				

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Infiltration & Duct Leakage (cont.)					
Evaluate Duct Sealing: <input type="checkbox"/>			Duct Leakage Method: Blower Door Subtraction Measurements		
Whole House Blower Door Measurements:			Duct Operating Pressures		
	Before Weatherization (Existing)	After Duct Sealing and Before Other Weatherization (Target or Actual)	After Weatherization (Target or Actual)	Before Duct Sealing	After Duct Sealing
Air Leakage Rate (cfm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	Supply (Pa):	<input type="text"/>
At House Pressure Difference (pa):	<input type="text"/>	<input type="text"/>	<input type="text"/>	Return (Pa):	<input type="text"/>
Infiltration Reduction (\$):	<input type="text"/>				
Duct Sealing (\$):	<input type="text"/>				
With Registers/Grills Sealed					
Air Leakage Rate (cfm):	<input type="text"/>				
At House Pressure Difference (pa):	<input type="text"/>				
Duct To House Pressure Diffenence (pa):	<input type="text"/>	<input type="text"/>			

Evaluate Duct Sealing: <input type="checkbox"/>			Duct Leakage Method: Duct Blower Measurements		
Whole House Blower Door Measurements:			Duct Operating Pressures		
	Before Weatherization (Existing)	After Duct Sealing and Before Other Weatherization (Target or Actual)	After Weatherization (Target or Actual)	Before Duct Sealing	After Duct Sealing
Air Leakage Rate (cfm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	Supply (Pa):	<input type="text"/>
At House Pressure Difference (pa):	<input type="text"/>	<input type="text"/>	<input type="text"/>	Return (Pa):	<input type="text"/>
Duct Blower Measurements					
	Before Duct Sealing (Existing)			After Duct Sealing (Target or Actual)	
	Total	Outside*	Total	Outside*	
Fan Flow (cfm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
at Duct Pressure (Pa):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
House Pressure WRT Outside (Pa):	<input type="text"/>				
Infiltration Reduction (\$):	<input type="text"/>				
Duct Sealing (\$):	<input type="text"/>				

\* "Outside" readings are taken while the house to outdoor pressure difference provided by a blower door is maintained at the same level as the duct pressure difference created by the duct blower. Thus, the "Duct Pressure" and the "House Pressure With Reference To Outside" should be equal.



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### Water Heating

Manufacturer:	AO Smith	Fuel Type:	Electricity
Model Number:	E6-40H45DV 110	Input Units:	kW
Serial Number:	1.84011E+12	Rated Input:	4.5kW
Equipment Type:	Storage Tank	Rated Storage Capacity (gal):	40
Location:	Conditioned Space	Energy Factor:	
Water Heater Wrap Present:	No	Uniform Energy Factor:	0.92
Water Heater Pipe Wrap Present:	No	First-Hour Rating (gal):	53
Tank Insulation		Recovery Efficiency:	98
R-value:		Thickness (in):	2" Type: Polyurethane

### Water Heater Photos



Comments:

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### Showerheads

Number of Showerheads:	2	Flow Rate (gpm):	3.8
Shower Use (min/day):	30		

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### Refrigerator

Manufacturer:	Kenmore	Model Number:	2539366084
Style:	Top Freezer	Serial Number:	LA74801153
Size (cu ft):	20.6	Defrost:	Automatic
Rated Consumption (kWh/yr):	981 kWh/yr	Location:	Conditioned Space
Door Seal Condition:	Poor	Age:	27 yrs old
Location:	Conditioned Space		
Available Space Dimensions			
Height (in):	65"	Width (in):	30"
		Depth (in):	30"



### Replacement Refrigerator

Manufacturer:	Maytag	Style:	Top Freezer
Model:	MFI2665XEM7	Size:	21 Cu Ft
Rated Consumption (kWh/yr):	450	Installation Cost:	1200

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### Lighting

#### Existing

Lighting Code:	1-15
Room:	Multiple
Location:	Ceiling
Lamp Type:	Incandescent
Number of Lamps:	15
Size (watts):	60
Usage (hr/day):	3
Brightness (lumens):	800
Color Temperature:(k):	2700K

#### Replacement

Lighting Code:	1-15
Room:	Multiple
Location:	Ceiling
Lamp Type:	LED
Number of Lamps:	15
Size (watts):	9
Usage (hr/day):	3
Brightness (lumens):	800
Color Temperature:(k):	2700K
Cost:	10

#### Existing

Lighting Code:	16-21
Room:	Mutiple
Location:	Ceiling
Lamp Type:	Incandescent
Number of Lamps:	6
Size (watts):	40
Usage (hr/day):	3
Brightness (lumens):	600
Color Temperature:(k):	2700K

#### Replacement

Lighting Code:	16-21
Room:	Multiple
Location:	Ceiling
Lamp Type:	LED
Number of Lamps:	6
Size (watts):	7
Usage (hr/day):	3
Brightness (lumens):	600
Color Temperature:(k):	2700K
Cost:	12

#### Existing

Lighting Code:	16-21
Room:	Mutiple
Location:	Ceiling
Lamp Type:	Incandescent
Number of Lamps:	6
Size (watts):	40
Usage (hr/day):	3
Brightness (lumens):	600
Color Temperature:(k):	2700K

#### Replacement

Lighting Code:	16-21
Room:	Multiple
Location:	Ceiling
Lamp Type:	LED
Number of Lamps:	6
Size (watts):	7
Usage (hr/day):	3
Brightness (lumens):	600
Color Temperature:(k):	2700K
Cost:	12

Comments:

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### Health & Safety

Smoke Detector Needed: <input checked="" type="checkbox"/>	Quantity: 4	Location: Each Bedroom/LR
Carbon Monoxide (CO) Monitor is Needed: <input checked="" type="checkbox"/>	Quantity: 1	Location: Hall

#### Carbon Monoxide Measurements

Room with Heating System (ppm):	
Room with Water Heater ppm:	
Living Area (ppm):	
Kitchen (ppm):	

#### Itemized Cost Measure:

Measure Name:	Floor Repair		
Cost (\$):	\$500	Include in SIR:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Material:		Units:	MMBtu
Annual Energy Savings:	\$0	Comments: Floor repair incidental to belly insulation.	
Life (yr):	\$20		
Fuel Saved:	Electricity		

#### Itemized Cost Measure:

Measure Name:	Install Continuous Fan to Comply with ASHRAE 62.2		
Cost (\$):	\$900	Include in SIR:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Material:		Units:	
Annual Energy Savings:		Comments:	
Life (yr):			
Fuel Saved:			

#### Itemized Cost Measure:

Measure Name:	Repair/Replace Intermittent Bathroom Exhaust fan		
Cost (\$):	\$400	Include in SIR:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Material:		Units:	
Annual Energy Savings:		Comments:	
Life (yr):			
Fuel Saved:			

#### Itemized Cost Measure:

Measure Name:	Minor Plumbing Repair		
Cost (\$):	\$600	Include in SIR:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Material:		Units:	
Annual Energy Savings:		Comments: Repair plumbing leak in hall bathroom at sink cold supply line	
Life (yr):			
Fuel Saved:			