



Project Summary

Entire House

Bounds Heating and Air

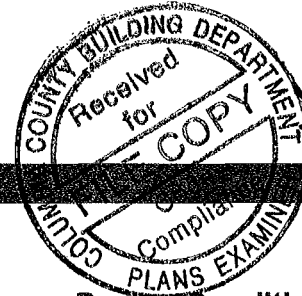
Job:
Date: Oct 20, 2026
By:

Email: jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Notes



Design Information

Weather Gainesville Regional, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	68 °F
Design TD	35 °F

Ventilation Method

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	44 gr/lb

Heating Summary

Structure	51784 Btuh
Ducts (R-6 0)	18184 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	69968 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft ²)	4912	4912
Volume (ft ³)	63305	63305
Air changes/hour	0.28	0.15
Equiv AVF (cfm)	295	158

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 Btuh
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H ₂ O
Space thermostat	n/a

Sensible Cooling Equipment Load Sizing

Structure	35507 Btuh
Ducts (R-6 0)	21984 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	55881 Btuh

Latent Cooling Equipment Load Sizing

Structure	5693 Btuh
Ducts	4478 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	10171 Btuh
Equipment Total Load (Sen+Lat)	66052 Btuh
Req total capacity at 0.70 SHR	6.7 ton

Cooling Equipment Summary

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0 in H ₂ O
Load sensible heat ratio	0

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed



Project Summary (Rest of House) Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Notes

Design Information

Weather Gainesville Regional, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	68 °F
Design TD	35 °F

Ventilation Method MJ8

Heating Summary

Structure	36409 Btuh
Ducts (R-6 0)	11017 Btuh
Central vent (0 cfm)	0 Btuh

Humidification	0 Btuh
Piping	0 Btuh
Equipment load	47426 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2812	2812
Volume (ft³)	44504	44504
Air changes/hour	0.27	0.14
Equiv AVF (cfm)	200	107

Heating Equipment Summary

Make	Carrier
Trade	15 SEER2 HP
Model	GH5SAN54800AA0
AHRI ref	214101900

Efficiency	7.5 HSPF2
Heating input	
Heating output	47500 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1567 cfm
Air flow factor	0.033 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	
Capacity balance point = 34 °F	

Backup n/a n/a
Input = 0 kW, Output = 0 Btuh, 100 AFUE

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	44 gr/lb

Sensible Cooling Equipment Load Sizing

Structure	20055 Btuh
Ducts (R-6 0)	13640 Btuh
Central vent (0 cfm)	0 Btuh

Blower 0 Btuh

Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	32751 Btuh

Latent Cooling Equipment Load Sizing

Structure	3784 Btuh
Ducts	2702 Btuh
Central vent (0 cfm)	0 Btuh

Equipment latent load 6486 Btuh

Equipment Total Load (Sen+Lat)	39237 Btuh
Req total capacity at 0.70 SHR	3.9 ton

Cooling Equipment Summary

Make	Carrier
Trade	15 SEER2 HP
Cond	GH5SAN54800AA0
Coil	FJ5ANXC48L00
AHRI ref	214101900

Efficiency	12.0 EER2, 15 SEER2
Sensible cooling	32900 Btuh
Latent cooling	14100 Btuh
Total cooling	47000 Btuh
Actual air flow	1567 cfm
Air flow factor	0.047 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.84

Bold/italic values have been manually overridden

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed



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Page 2



Project Summary upstairs ah Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email: jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Notes

Design Information

Weather Gainesville Regional, FL, US

Winter Design Conditions

Outside db 33 °F
Inside db 68 °F
Design TD 35 °F

Ventilation Method MJ8

Heating Summary

Structure 15375 Btuh
Ducts (R-6 0) 7167 Btuh
Central vent (0 cfm) 0 Btuh

Humidification 0 Btuh
Piping 0 Btuh
Equipment load 22542 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft²)	2100	2100
Volume (ft³)	18801	18801
Air changes/hour	0.30	0.16
Equiv AVF (cfm)	95	51

Heating Equipment Summary

Make Carrier
Trade 15 SEER2 HP
Model GH5SAN53600AA0
AHRI ref 214101828

Efficiency 7.5 HSPF2
Heating input 35600 Btuh @ 47°F
Heating output 28 °F
Temperature rise 1167 cfm
Actual air flow 0.052 cfm/Btuh
Air flow factor 0.50 in H2O
Static pressure
Space thermostat
Capacity balance point = 23 °F

Backup.
Input = 0 kW, Output = 0 Btuh, 100 AFUE

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range M
Relative humidity 50 %
Moisture difference 44 gr/lb

Sensible Cooling Equipment Load Sizing

Structure 16386 Btuh
Ducts (R-6 0) 8922 Btuh
Central vent (0 cfm) 0 Btuh

Blower 0 Btuh

Use manufacturer's data n
Rate/swing multiplier 0.97
Equipment sensible load 24600 Btuh

Latent Cooling Equipment Load Sizing

Structure 1909 Btuh
Ducts 1776 Btuh
Central vent (0 cfm) 0 Btuh

Equipment latent load 3685 Btuh

Equipment Total Load (Sen+Lat) 28284 Btuh
Req total capacity at 0.70 SHR 2.9 ton

Cooling Equipment Summary

Make Carrier
Trade 15 SEER2 HP
Cond GH5SAN53600AA0
Coil FJ5ANXB36L00
AHRI ref 214101828
Efficiency 12.0 EER2, 14.5 SEER2
Sensible cooling 24500 Btuh
Latent cooling 10500 Btuh
Total cooling 35000 Btuh
Actual air flow 1167 cfm
Air flow factor 0.046 cfm/Btuh
Static pressure 0.50 in H2O
Load sensible heat ratio 0.87

Bold/italic values have been manually overridden

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form
Entire House
Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email: jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	68	75	Construction quality	0
Design TD (°F)	35	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	29	44		

HEATING EQUIPMENT

Make n/a
Trade n/a
Model n/a
AHRI ref n/a

Efficiency n/a
Heating input
Heating output 0 Btuh
Temperature rise 0 °F
Actual air flow 0 cfm
Air flow factor 0 cfm/Btuh
Static pressure 0 in H2O
Space thermostat n/a

COOLING EQUIPMENT

Make n/a
Trade n/a
Cond n/a
Coil n/a
AHRI ref n/a

Efficiency n/a
Sensible cooling 0 Btuh
Latent cooling 0 Btuh
Total cooling 0 Btuh
Actual air flow 0 cfm
Air flow factor 0 cfm/Btuh
Static pressure 0 in H2O
Load sensible heat ratio 0

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
upstairs ah	2089	22542	25308	1167	1167
(Rest of House)	2819	47426	33695	1567	1567
Entire House	4908	69968	57491	2734	2734
Other equip loads		0	0		
Equip @ 0.97 RSM			55881		
Latent cooling			10171		
TOTALS	4908	69968	66052	2734	2734

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Page 1



Load Short Form
(Rest of House)
Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	68	75	Construction quality	0
Design TD (°F)	35	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	29	44		

HEATING EQUIPMENT

Make Carrier
Trade 15 SEER2 HP
Model GH5SAN54800AA0
AHRI ref 214101900

Efficiency 7.5 HSPF2
Heating input
Heating output 47500 Btuh @ 47°F
Temperature rise 28 °F
Actual air flow 1567 cfm
Air flow factor 0.033 cfm/Btuh
Static pressure 0.50 in H2O
Space thermostat
Capacity balance point = 34 °F

Backup n/a n/a
Input = 0 kW, Output = 0 Btuh, 100 AFUE

COOLING EQUIPMENT

Make Carrier
Trade 15 SEER2 HP
Cond GH5SAN54800AA0
Coil FJ5ANXC48L00
AHRI ref 214101900

Efficiency 12.0 EER2, 15 SEER2
Sensible cooling 32900 Btuh
Latent cooling 14100 Btuh
Total cooling 47000 Btuh
Actual air flow 1567 cfm
Air flow factor 0.047 cfm/Btuh
Static pressure 0.50 in H2O
Load sensible heat ratio 0.84

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
foyer/flex	548	6734	2724	223	127
master suite	293	5998	4163	198	194
his	63	0	0	0	0
hers	80	1528	642	50	30
hall 1	77	0	0	0	0
master bath	227	1852	745	61	35
wc	36	0	0	0	0
living/kitchen	915	16198	18122	535	843
mother in law	276	4978	2809	164	131
bath 2	93	1494	615	49	29
wic	38	1524	565	50	26
pantry	72	3683	1339	122	62
laundry	100	3437	1970	114	92

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(Rest of House)	2819	47426	33695	1567	1567
Other equip loads		0	0		
Equip @ 0.97 RSM			32751		
Latent cooling			6486		
TOTALS	2819	47426	39237	1567	1567

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2025-Oct-21 15 07 48

Page 3

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Load Short Form
upstairs ah
Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	68	75	Construction quality	Average
Design TD (°F)	35	17	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	29	44		

HEATING EQUIPMENT

Make Carrier
Trade 15 SEER2 HP
Model GH5SAN53600AA0
AHRI ref 214101828
Efficiency 7.5 HSPF2
Heating input
Heating output 35600 Btuh @ 47°F
Temperature rise 28 °F
Actual air flow 1167 cfm
Air flow factor 0.052 cfm/Btuh
Static pressure 0.50 in H2O
Space thermostat
Capacity balance point = 23 °F

Backup

Input = 0 kW, Output = 0 Btuh, 100 AFUE

COOLING EQUIPMENT

Make Carrier
Trade 15 SEER2 HP
Cond GH5SAN53600AA0
Coil FJ5ANXB36L00
AHRI ref 214101828
Efficiency 12.0 EER2, 14.5 SEER2
Sensible cooling 24500 Btuh
Latent cooling 10500 Btuh
Total cooling 35000 Btuh
Actual air flow 1167 cfm
Air flow factor 0.046 cfm/Btuh
Static pressure 0.50 in H2O
Load sensible heat ratio 0.87

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
storage	574	7742	6905	401	318
bedroom 4	294	2506	4794	130	221
bath 4	78	930	961	48	44
bath 3	74	816	935	42	43
hall 2	78	0	0	0	0
media room	390	4423	3922	229	181
ah	33	0	0	0	0
wic 3	56	824	576	43	27
bedroom 3	265	4506	6053	233	279
balcony	247	796	1163	41	54

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Page 4

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upstairs ah	2089	22542	25308	1167	1167
Other equip loads		0	0		
Equip. @ 0.97 RSM			24600		
Latent cooling			3685		
TOTALS	2089	22542	28284	1167	1167

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed



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Page 5

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Manual S Compliance Report
(Rest of House)
Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Cooling Equipment

Design Conditions

Outdoor design DB	92 2°F	Sensible gain	33695	Btuh	Entering coil DB	77 6°F
Outdoor design WB	75 8°F	Latent gain	6486	Btuh	Entering coil WB	63 7°F
Indoor design DB	75 0°F	Total gain	40180	Btuh		
Indoor RH	50%	Estimated airflow	1567	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type	Split ASHP			
Manufacturer	Carrier	Model	GH5SAN54800AA0+FJ5ANXC48L00	
Actual airflow	1567	cfm		
Sensible capacity	37152	Btuh	110% of load	
Latent capacity	7990	Btuh	123% of load	
Total capacity	45142	Btuh	112% of load	SHR 82%

Heating Equipment

Design Conditions

Outdoor design DB	33 2°F	Heat loss	47426	Btuh	Entering coil DB	66 8°F
Indoor design DB	68 0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type	Split ASHP			
Manufacturer	Carrier	Model	GH5SAN54800AA0+FJ5ANXC48L00	
Actual airflow:	1567	cfm		
Output capacity	38943	Btuh	82% of load	Capacity balance 34 °F
Supplemental heat required.	8483	Btuh		Economic balance -99 °F

Backup equipment type	Elec strip			
Manufacturer:	n/a	Model	n/a+n/a	
Actual airflow	1567	cfm		
Output capacity	0	kW	0% of load	Temp rise 0 °F

Meets all requirements of ACCA Manual S



Manual S Compliance Report
upstairs ah
Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email: jlegler@boundshvac.com

Project Information

For Spec House, Lerner

Cooling Equipment

Design Conditions

Outdoor design DB	92 2°F	Sensible gain	25308	Btuh	Entering coil DB	77 3°F
Outdoor design WB	75 8°F	Latent gain	3685	Btuh	Entering coil WB	63 6°F
Indoor design DB	75 0°F	Total gain	28993	Btuh		
Indoor RH	50%	Estimated airflow	1167	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type	Split ASHP				
Manufacturer	Carrier	Model	GH5SAN53600AA0+FJ5ANXB36L00		
Actual airflow	1167	cfm			
Sensible capacity	28189	Btuh	111%	of load	
Latent capacity	5302	Btuh	144%	of load	
Total capacity	33491	Btuh	116%	of load	SHR 84%

Heating Equipment

Design Conditions

Outdoor design DB:	33 2°F	Heat loss	22542	Btuh	Entering coil DB	67 0°F
Indoor design DB	68 0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type	Split ASHP				
Manufacturer:	Carrier	Model	GH5SAN53600AA0+FJ5ANXB36L00		
Actual airflow	1167	cfm			
Output capacity	35600	Btuh	158%	of load	Capacity balance 23 °F
Supplemental heat required	0	Btuh			Economic balance -99 °F

Backup equipment type	Elec strip				
Manufacturer		Model			
Actual airflow	1167	cfm			
Output capacity	0	kW	0%	of load	Temp rise 0 °F

Meets all requirements of ACCA Manual S



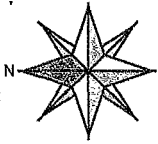
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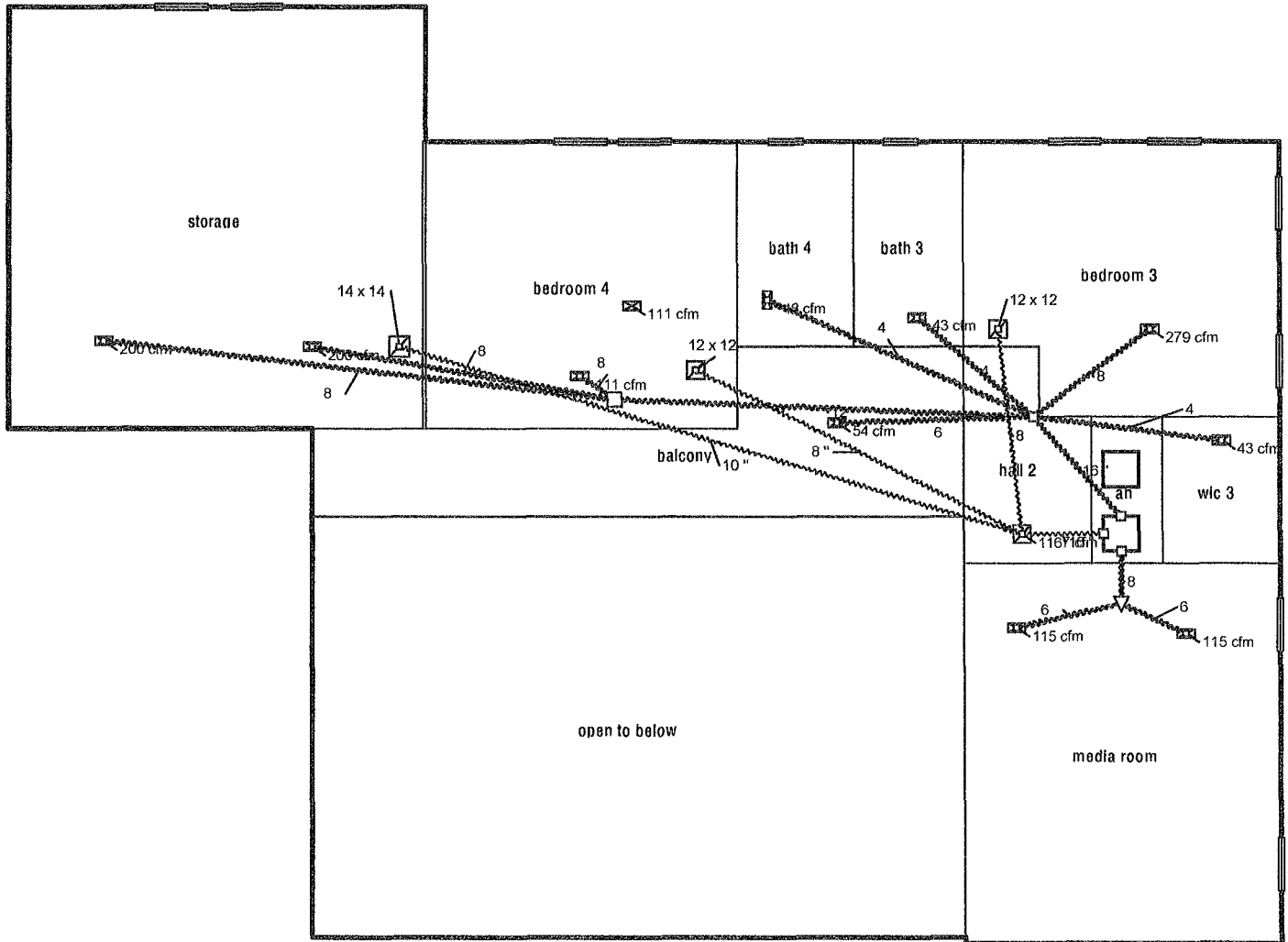
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Page 2



upstairs



Job #:
Performed for:
Spec House

Bounds Heating and Air

jlegler@boundshvac.com

Scale: 1 : 121

Page 2
Right-Suite® Universal 2025
25 0 01 RSU57217
2025-Oct-21 15 08 19
25)\Lerner\Spec house\Lerner rup



Duct System Summary (Rest of House) Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email: jlegler@boundshvac.com

Project Information

For Spec House, Lerner

	Heating	Cooling
External static pressure	0 50 in H2O	0 50 in H2O
Pressure losses	0 in H2O	0 in H2O
Available static pressure	0 50 in H2O	0 50 in H2O
Supply / return available pressure	0 343 / 0 157 in H2O	0 343 / 0 157 in H2O
Lowest friction rate	0.200 in/100ft	0 200 in/100ft
Actual air flow	1567 cfm	1567 cfm
Total effective length (TEL)	250 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg Eqv Ln (ft)	Trunk
bath 2	h 1494	49	29	0 243	4.0	0x 0	VIFx	31 3	110 0	st5
foyer/flex	h 3367	111	63	0 269	6.0	0x 0	VIFx	17 9	110 0	st6
foyer/flex-A	h 3367	111	63	0 241	6.0	0x 0	VIFx	32 3	110 0	st6
hers	h 1528	50	30	0 346	4.0	0x 0	VIFx	9 3	90 0	st3
his	c 0	0	0	0 358	4.0	0x 0	VIFx	5 9	90 0	st3
laundry	h 3437	114	92	0 219	6.0	0x 0	VIFx	47 1	110 0	st6
living/kitchen-A	c 6041	178	281	0 253	8.0	0x 0	VIFx	25 7	110 0	st6
living/kitchen-C	c 6041	178	281	0 239	8.0	0x 0	VIFx	33 7	110 0	st6
living/kitchen-D	c 6041	178	281	0 266	8.0	0x 0	VIFx	18 9	110 0	st6
master bath	h 1852	61	35	0 335	4.0	0x 0	VIFx	12 6	90 0	st3
master suite	h 2999	99	97	0 339	6.0	0x 0	VIFx	11 3	90 0	st3
master suite-A	h 2999	99	97	0 333	6.0	0x 0	VIFx	13 2	90 0	st3
mother in law	h 2489	82	65	0 244	6.0	0x 0	VIFx	30 8	110 0	st5
mother in law-A	h 2489	82	65	0 224	6.0	0x 0	VIFx	43 1	110 0	st5
pantry	h 3683	122	62	0 200	6.0	0x 0	VIFx	61.8	110 0	st5
wc	c 0	0	0	0 254	4.0	0x 0	VIFx	25 1	110 0	st5
wic	h 1524	50	26	0 223	4.0	0x 0	VIFx	44 2	110 0	st5

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st5	Peak AVF	386	248	0 200	707	10.0	0 x 0	VinIFlx	st3
st3	Peak AVF	1567	1567	0 200	887	18.0	0 x 0	VinIFlx	
st6	Peak AVF	871	1061	0 219	760	16.0	0 x 0	VinIFlx	st3

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Page 1

Return Branch Detail Table

Name	Grille Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	1567	1567	78.3	0.200	594	22.0	0x0		VIFx	rst7

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
rst7	Peak AVF	1567	1567	0.200	1122	16.0	0 x 0	VinIFix	

Bold/Italic values have been manually overridden



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2025-Oct-21 15:07:48

Page 2



Duct System Summary

upstairs ah

Bounds Heating and Air

Job:
Date: Oct 20, 2025
By:

Email jiegler@boundshvac.com

Project Information

For Spec House, Lerner

	Heating	Cooling
External static pressure	0.50 in H2O	0.50 in H2O
Pressure losses	0 in H2O	0 in H2O
Available static pressure	0.50 in H2O	0.50 in H2O
Supply / return available pressure	0.416 / 0.084 in H2O	0.416 / 0.084 in H2O
Lowest friction rate	0.243 in/100ft	0.243 in/100ft
Actual air flow	1167 cfm	1167 cfm
Total effective length (TEL)	206 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg Eqv Ln (ft)	Trunk
balcony	c 1163	41	54	0.382	6.0	0x0	VIFx	18.9	90.0	st1
bath 3	c 935	42	43	0.391	4.0	0x0	VIFx	16.3	90.0	st1
bath 4	h 930	48	44	0.364	4.0	0x0	VIFx	24.3	90.0	st1
bedroom 3-A	c 6053	233	279	0.393	8.0	0x0	VIFx	15.9	90.0	st1
bedroom 4	c 2397	65	111	0.289	8.0	0x0	VIFx	34.0	110.0	st4
bedroom 4-A	c 2397	65	111	0	0	0x0	VIFx	0	0	
media room	h 2212	115	90	0.419	6.0	0x0	VIFx	9.1	90.0	st2
media room-A	h 2212	115	90	0.428	6.0	0x0	VIFx	7.0	90.0	st2
storage	h 3871	200	159	0.261	8.0	0x0	VIFx	49.2	110.0	st4
storage-A	h 3871	200	159	0.243	8.0	0x0	VIFx	61.1	110.0	st4
wic 3	h 824	43	27	0.384	4.0	0x0	VIFx	18.3	90.0	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st2	Peak AVF	229	181	0.419	656	8.0	0 x 0	VinIFlx	st1
st4	Peak AVF	466	429	0.243	593	12.0	0 x 0	VinIFlx	
st1	Peak AVF	873	876	0.243	627	16.0	0 x 0	VinIFlx	

Bold/italic values have been manually overridden



Right-Suite® Universal 2025 25 0 01 RSU57217

plans & J&D (2025)\Lerner\Spec house\Lerner.rup Calc = MJ8 Front Door faces E

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Page 3

Return Branch Detail Table

Name	Grille Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb3	0x0	1167	1167	34.7	0.243	535	20.0	0x0		VIFx	rst8

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
rst8	Peak AVF	1167	1167	0.243	836	16.0	0 x 0	VinIFix	

Bold/Italic values have been manually overridden

RESIDENTIAL ENERGY CONSERVATION CODE DOCUMENTATION CHECKLIST

Florida Department of Business and Professional Regulation
Simulated Performance Alternative (Performance) Method

Applications for compliance with the 2023 Florida Building Code, Energy Conservation via the residential Simulated Performance method shall include:

- ☐ This Checklist
- ☐ Form R405-2023 report
- ☐ Input summary checklist that can be used for field verification (usually four pages/may be greater)
- ☐ Energy Performance Level (EPL) Display Card (one page)
- ☐ HVAC system sizing and selection based on ACCA Manual S or per exceptions provided in Section R403.7
- ☐ Mandatory Requirements (five pages)

Required prior to CO:

- ☐ Air Barrier and Insulation Inspection Component Criteria checklist (Table R402.4.1.1 - one page)
- ☐ A completed 2023 Envelope Leakage Test Report (usually one page), exception in R402.4 allows dwelling units of R - 2 Occupancies and multiple attached single family dwellings to comply with Section C402.5
- ☐ If FORM R405 duct leakage type indicates anything other than "default leakage", then a completed 2023 Duct Leakage Test Report - Performance Method (usually one page)