



Load Short Form
Entire House
New Age Dimensions, LLC.

Job: Lewis Addition
 Date: 02/08/2014
 By: John Pirkle
 Plan: Manual J

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Project Information

For: Touchstone Heating & Air, Inc
 490 S.E. 3rd Avenue, Lake Butler, FL 32054
 Phone: (386) 496 - 3467 Fax: (386) 496 - 3147

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	47		

HEATING EQUIPMENT

Make York
 Trade LX SERIES
 Model YHJR24S41S3
 AHRI ref 4465699

Efficiency 7.7 HSPF
 Heating input
 Heating output 23000 Btuh @ 47°F
 Temperature rise 26 °F
 Actual air flow 800 cfm
 Air flow factor 0.039 cfm/Btuh
 Static pressure 0.51 in H2O
 Space thermostat

COOLING EQUIPMENT

Make York
 Trade LX SERIES
 Cond YHJR24S41S3
 Coil AHE24B
 AHRI ref 4465699

Efficiency 11.0 EER, 13 SEER
 Sensible cooling 16800 Btuh
 Latent cooling 7200 Btuh
 Total cooling 24000 Btuh
 Actual air flow 800 cfm
 Air flow factor 0.046 cfm/Btuh
 Static pressure 0.51 in H2O
 Load sensible heat ratio 0.86

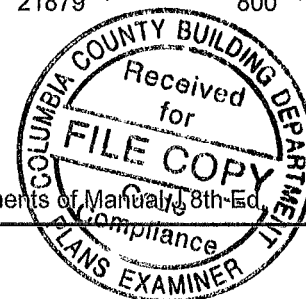
ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WIC	28	582	227	23	10
Gallery	176	5926	4302	233	197
Family Room	595	10236	10155	403	464
Strg	143	3573	2810	141	128
Entire House	941	20318	17493	800	800
Other equip loads		0	1707		
Equip. @ 0.97 RSM			18623		
Latent cooling			3256		
TOTALS	941	20318	21879	800	800

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



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