



Load Short Form **Entire House** **SHATTO HEATING & AIR, INC.**

Job: DANIELLO RESIDENCE
 Date: Mar 12, 2021
 By: Kim Shatto

595 WEST MAIN STREET, LAKE BUTLER, FL 32054 Phone: 386-496-8224 Fax: 386-496-9065 Email: SERVICE@SHATTOAIR.COM Web: WWW.SHATTOAIR.COM License: CAC05...

Project Information

For: AMERICA'S HOME PLACE
 9200 NW 39TH AVE. SUITE 190, GAINESVILLE, FL 32606
 Phone: 352-244-8247
 Email: ALOCAY@AMERICASHOMEPLACE.COM

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	92	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	33	45		

HEATING EQUIPMENT

Make THE TRANE COMPANY
 Trade THE TRANE COMPANY
 Model 4TWR36
 AHRI ref
 Efficiency 8.1 HSPF
 Heating input
 Heating output 29435 Btuh @ 47°F
 Temperature rise 23 °F
 Actual air flow 1150 cfm
 Air flow factor 0.044 cfm/Btuh
 Static pressure 0 in H2O
 Space thermostat
 Capacity balance point = 25 °F

Backup:
 Input = 6 kW, Output = 20506 Btuh, 100 AFUE

COOLING EQUIPMENT

Make THE TRANE COMPANY
 Trade THE TRANE COMPANY
 Cond 4TWR36
 Coil TEM6A0C36
 AHRI ref
 Efficiency 12.2 EER, 16 SEER
 Sensible cooling 17155 Btuh
 Latent cooling 7352 Btuh
 Total cooling 24507 Btuh
 Actual air flow 1150 cfm
 Air flow factor 0.040 cfm/Btuh
 Static pressure 0 in H2O
 Load sensible heat ratio 0.81

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
MSTR BATH	84	3093	2939	135	118
UTILITY	56	1025	1012	45	41
WIC	42	67	736	3	29
MASTER BEDROOM	180	4602	4367	201	175
DNG/LVG/KIT	624	8095	7006	353	281
WIC 2	28	579	204	25	8
1/2 BATH	25	40	58	2	2
Room8	139	3715	4685	162	138
Room9	132	3570	5057	158	208
Room10	36	859	931	37	37
BATH 2	44	605	1574	23	63
HALL	60	96	139	4	6

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

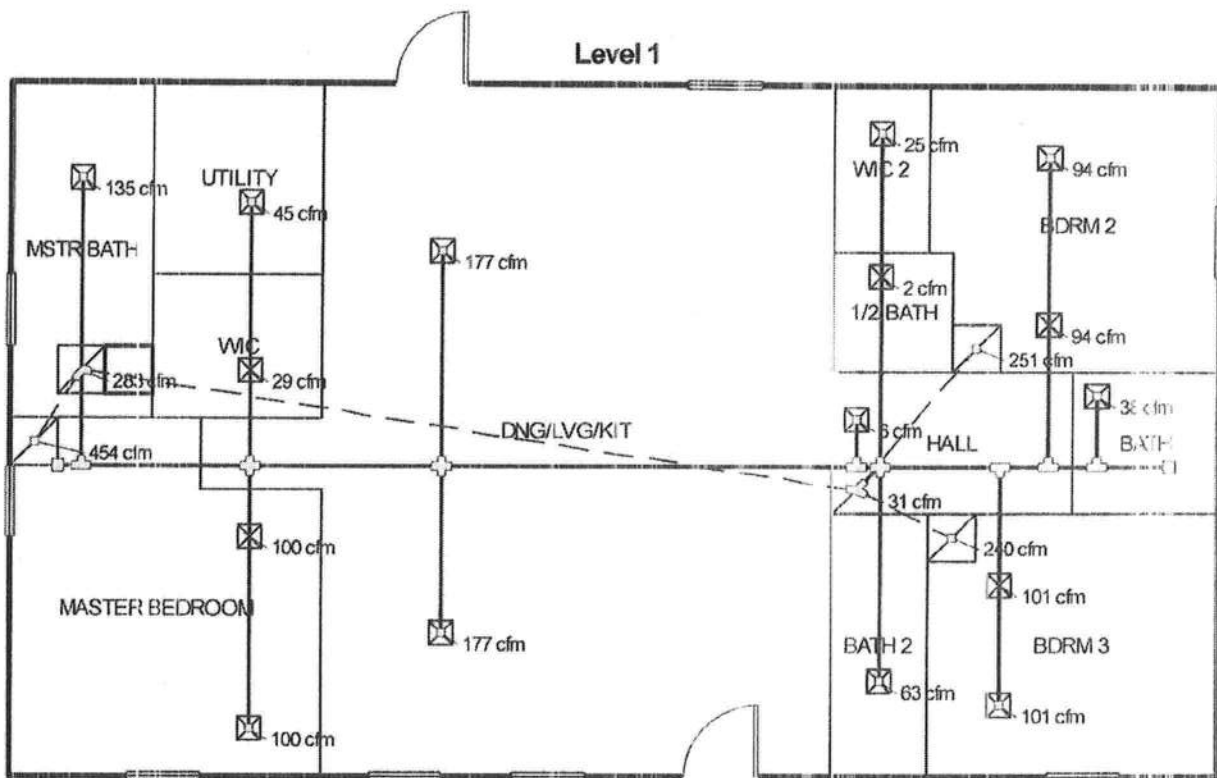
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Entire House	d	1450	26344	28707	1150	1150
Other equip loads			0	0		
Equip. (i) 0.97 RSM				27846		
Latent cooling				6922		
TOTALS		1450	26344	34768	1150	1150

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Level 1



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 Performed by Kim Shatto for:
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Scale: 1" = 8'
 Page:
 Right-Side Universal 2021
 21.0.03 Rev. 15/261
 2021-Mar-11 14:00:23
 Project: up

1450



SHEET NUMBER	PROPERTY OF	DRAWN BY J. GIVONUP	JOB# 59-21-010	THE JILLIAN - A	ASSES	Revision Schedule	
						Revision Number	Revision Description
F-2		CHECKED BY B. TOCKAB	2x6 EXTERIOR WALLS	FOR BARBARA DANIELLO	PERF. FLOOR HEATED	1,450 SF	
					PERF. POLISH	110 SF	
					TOTAL UNFINISHED	1,560 SF	
		PRINT DATE 12/29/15 5:54 PM	FOUNDATION TYPE MONOSLAB	1026 SW HIGH FIELD TER. LAKE CITY, FL 32024	DATE:	18 SF	
					TOTAL UNFINISHED	18 SF	
FIRST FLOOR PLAN				OFFICE GAINESVILLE, FL	SOLD BY NO		