



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: ALOCA@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
Room 8	139	3715	4685	162	138
Room 9	132	3570	5057	158	208
Room 10	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.

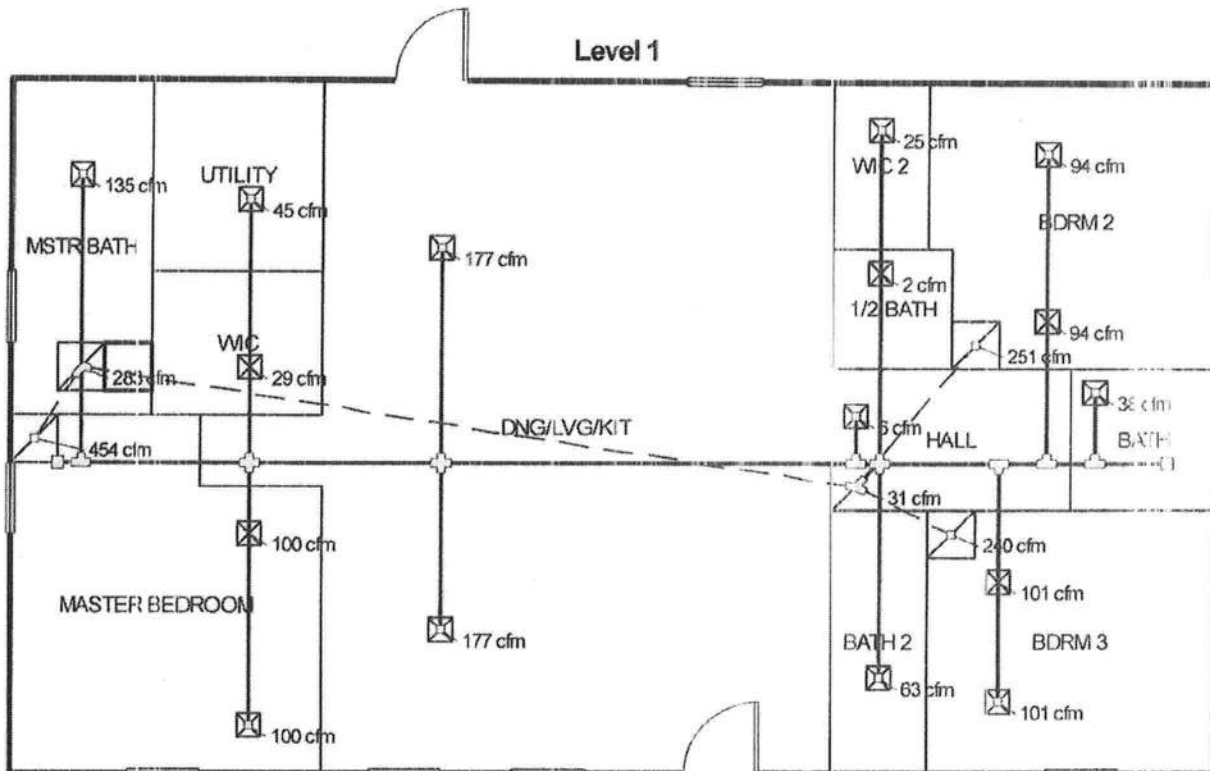
48754

Entire House	d	1450	26344	28707	1150	1150
Other equip loads			0	0		
Equip. (2) 0.97 RSM				27846		
Latent cooling				6922		
TOTALS		1450	26344	34768	1150	1150

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Level 1



Job #: DANIELLO RESIDENCE
 Performed by Kim Shatto for:
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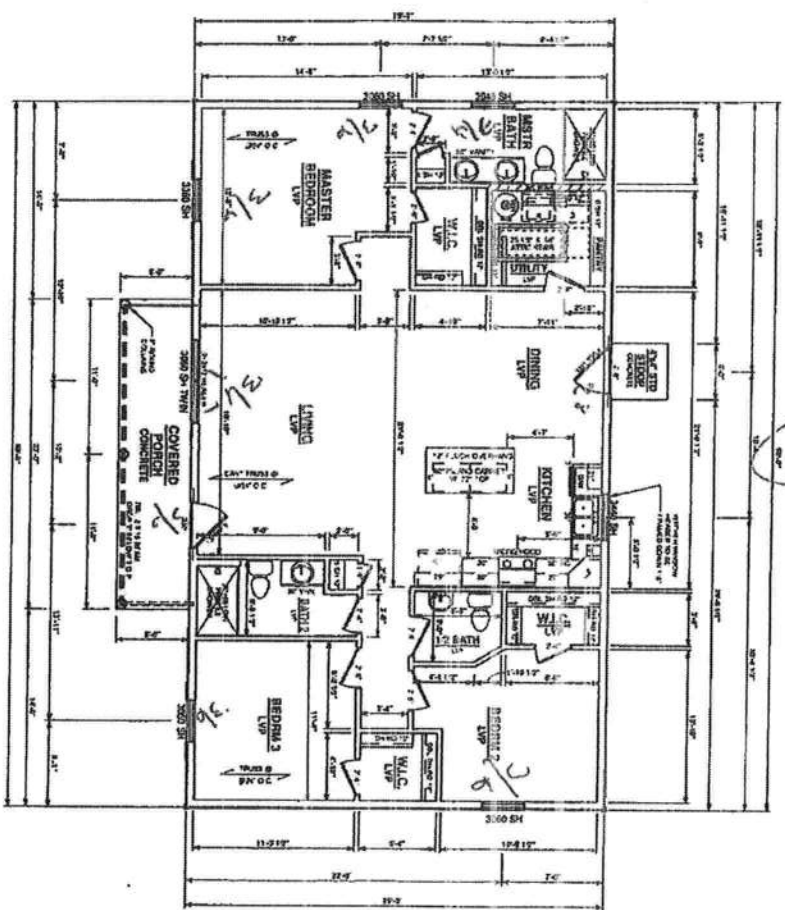
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Scale: 1" = 8'
 Page:
 Right-Side Universal 2021
 21.0.03 RSL 15.861
 2021-Mar-11 4:00:23
 Project: up

3 Ton Per Ton

1450

58



1 FIRST FLOOR PLAN
1/8" = 1'-0"

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PERMIT CONSTRUCTION PLANS
SHEET SIZE: 11" x 17"
SCALE: 1/8" = 1'-0"

SPECIAL NOTES:
ALL INTERIORS SHALL BE INSULATED WITH 1/2" BATS

GENERAL NOTES:
1. ALL CEILING HEIGHTS ON FIRST FLOOR SHALL BE 8'-0".
2. ALL EXTERIOR WALLS SHALL BE 2x6 HEAVY DUTY UNO. OPENINGS TO HAVE STANDARD FIRST FLOOR WINDOW HEADERS SHALL BE 2x6 UNO. ALL OTHERS SHALL BE 2x4 UNO.
3. ALL INTERIOR DOORS ARE 36" HIGH. ALL OTHER DOORS ARE 30" HIGH.
4. ALL INTERIOR DOORS ARE 36" HIGH. ALL OTHER DOORS ARE 30" HIGH.
5. ALL INTERIOR DOORS ARE 36" HIGH. ALL OTHER DOORS ARE 30" HIGH.
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10. ALL INTERIOR DOORS ARE 36" HIGH. ALL OTHER DOORS ARE 30" HIGH.

F-2 	PROPERTY OF: 59-21-010	THE: JILLIAN - A	AREA: FIRST FLOOR HEATED 1,450 SF FIRST FLOOR COOL 1,150 SF TOTAL UNHEATED ROOF 1,500 SF	Revision Schedule <table border="1"> <tr> <th>Revision Number</th> <th>Revision Description</th> </tr> <tr> <td>1</td> <td>11/11/11</td> </tr> <tr> <td>2</td> <td>11/11/11</td> </tr> </table>	Revision Number	Revision Description	1	11/11/11	2	11/11/11
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	1	11/11/11								
	2	11/11/11								
DRAWN BY: J. G. RUP	FOR: BARBARA DANIELLO	DATE: 11/11/11	DATE: 11/11/11							
CHECKED BY: B. TOOMBS	FOUNDATION TYPE: MONOSLAB	DATE: 11/11/11	DATE: 11/11/11							
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