



Load Short Form Entire House

Job: Maple Lawn Cottage-A

Date: Jun 12, 2015

By: Jordan Claar

Approved 4/11/17 - [Signature]
M1700338

Project Information

For: Maple Lawn Cottage-A, Bozzuto Homes Inc.
MD

11515 Green Street

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	15	97	Method	Simplified
Inside db (°F)	70	75	Construction quality	Average
Design TD (°F)	55	22	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	35	50		
Moisture difference (gr/lb)	29	48		

HEATING EQUIPMENT

Make
Trade
Model
AHRI ref
Efficiency 80 AFUE
Heating input 0 Btuh
Heating output 0 Btuh
Temperature rise 0 °F
Actual air flow 1861 cfm
Air flow factor 0.038 cfm/Btuh
Static pressure 0.60 in H2O
Space thermostat

COOLING EQUIPMENT

Make
Trade
Cond
Coil
AHRI ref
Efficiency 0 SEER
Sensible cooling 0 Btuh
Latent cooling 0 Btuh
Total cooling 0 Btuh
Actual air flow 1861 cfm
Air flow factor 0.046 cfm/Btuh
Static pressure 0.60 in H2O
Load sensible heat ratio 0.89

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Unfinished Bsmt	1001	4927	962	186	44
Media Closet	56	505	33	19	1
Bsmt Pwdr	78	278	14	11	1
Pwdr	34	258	79	10	4
WIC	47	1309	1022	50	47
Study	216	2624	2465	99	113
Foyer	70	1799	1863	68	85
Family Room	517	2927	3655	111	167
Kitchen	267	2448	2605	93	119
Dining Room	315	5953	7910	225	362
Mud Room	76	3222	980	122	45
Bedroom 2	198	2315	2816	88	129
WIC 2	30	947	785	36	36
Hall Bath	63	678	257	26	12
Hall A	82	96	127	4	6
Laundry	70	1391	1563	53	71

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



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O. Clo	70	406	125	15	6
Owners Suite A	199	672	1801	25	82
Pantry	13	0	0	0	0
Loft	461	4636	3204	175	146
Loft Stairs	95	1435	1008	54	46
Owners Suite B	140	2467	2007	93	92
Hall B	115	524	164	20	7
WIC 3	48	3	3	0	0
Bath 3	51	624	754	24	34
Attic Access	30	0	0	0	0
Bedroom 3	188	1256	2118	48	97
Owners Bath	149	1906	995	72	45
Opt Media Room	240	3589	1408	136	64
Mech	109	0	0	0	0
Entire House	d 5024	49196	40723	1861	1861
Other equip loads		0	0		
Equip. @ 1.02 RSM			41537		
Latent cooling			5252		
TOTALS	5024	49196	46789	1861	1861

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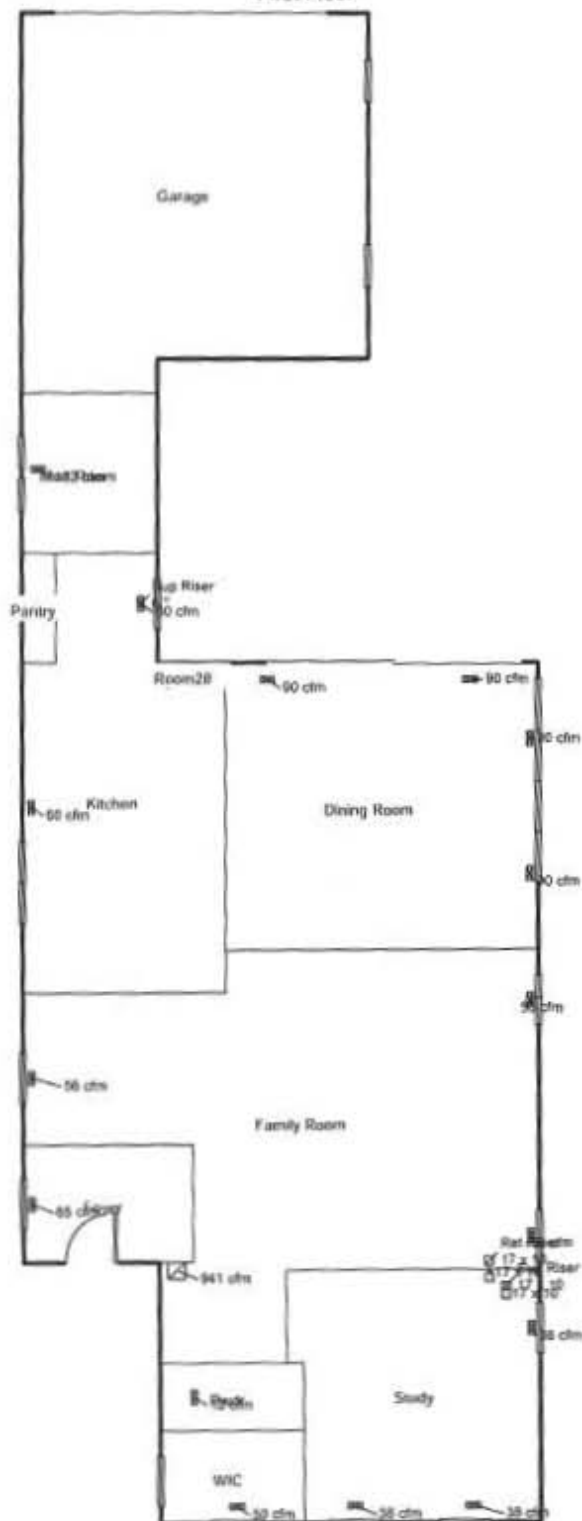
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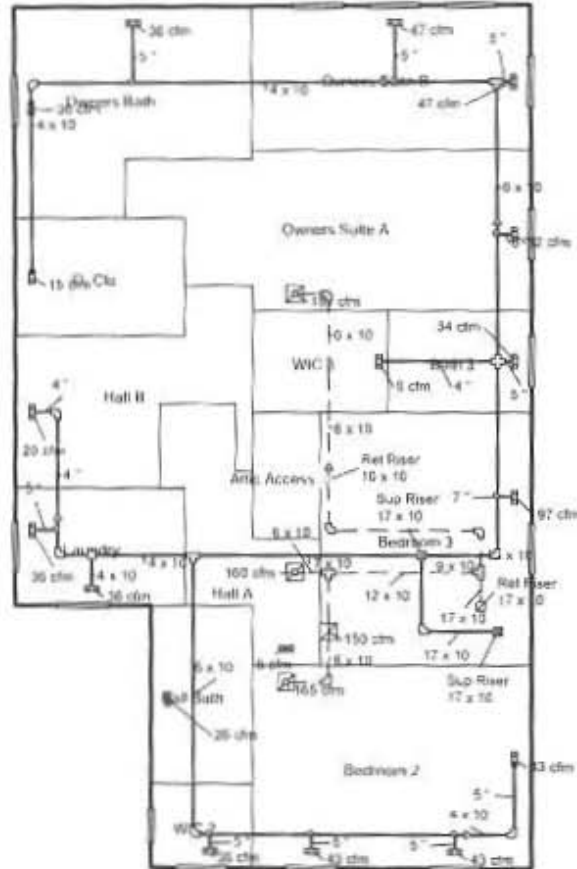


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Second Floor

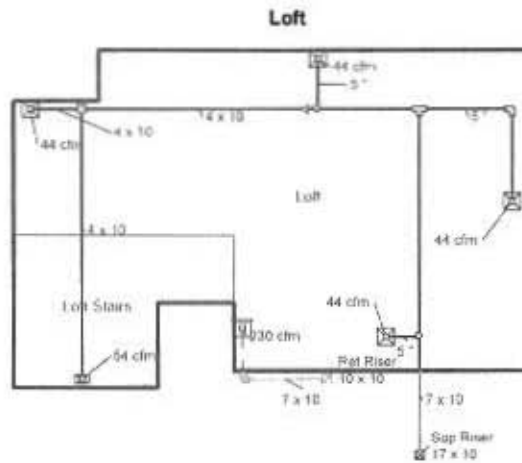


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Performed by Jordan Claar for:
Maple Lawn Cottage-A

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