

CERTIFICATE OF COMPLIANCE, RESIDENTIAL COMPUTER METHOD CF-1R Page 1
 Project Title: MEBUST RESIDENCE Date: 09/13/13 07:47:50
 Project Address: 5448 LFT AVE #4814 LA JOLLA CA 92037
 Doc: MHP0406 User: Salehi Engineering, Inc. Run: S-F-R
 8360 Clairmont Mesa Blvd, Ste 111
 San Diego, CA 92111
 Field Check / Date: 7/13/13
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Design	Proposed	Compliance	Percent
Energy Use (kWh/yr)	11.01	9.72	1.24
Space Cooling	0.73	0.73	0.00
Ventilation Fans	0.00	0.00	28.12
Water Heating	11.28	8.97	8.42
Total	30.15	27.62	9.12

*** Building complies with Computer Performance ***
 GENERAL INFORMATION
 Construction Type: Single Family Detached
 Building Type: Single Family Detached
 Building Front Orientation: Front Facing 90 deg (E)
 Number of Building Units: 2
 Weather Data Type: Full Year
 Floor Construction Type: Raised Floor
 Number of Building Zones: 1
 Conditioned Volume: 59295 CF
 Conditioned Volume: 59295 CF
 Glazing Percentage: 23.2 % of Floor area
 Average Glazing U-Factor: 0.25 Btu/hr-sq-ft
 Average Ceiling Height: 8.8 ft

Orientation	Area	U-factor	SHGC	Act	Tit	Type	Location/Comments
1 Wind Front (E)	14.0	0.350	0.560	90	90	Standard R1	
2 Door Front (E)	50.0	0.350	0.560	90	90	Standard R2	
3 Wind Front (E)	14.0	0.350	0.560	90	90	Standard R4	
4 Wind Front (E)	14.0	0.350	0.560	90	90	Standard R5	
5 Door Front (E)	25.6	0.350	0.560	90	90	Standard R5	
6 Wind Front (E)	5.0	0.350	0.560	90	90	Standard R7	
7 Wind Front (E)	5.0	0.350	0.560	90	90	Standard B1	
8 Wind Back (W)	96.0	0.350	0.560	270	90	Standard B1	
9 Wind Back (W)	8.0	0.350	0.560	270	90	Standard B3	
10 Wind Back (W)	8.0	0.350	0.560	270	90	Standard B3	

Fenestration Surfaces
 Area (sf) U-factor SHGC Act Tit Type Location/Comments
 1 Wall Wood 411.0 0.102 13 0 90 90 Yes 4 3 1 A3
 2 Wall Wood 304.0 0.102 13 0 270 90 Yes 4 3 1 A3
 3 Wall Wood 96.0 0.102 13 0 180 90 Yes 4 3 1 A3
 4 Wall Wood 1207.0 0.032 30 0 n/a 0 No 4 2 1 A8
 5 Attic Wood 1707.0 0.048 19 0 n/a 0 No 4 2 1 A8
 6 Floor Wood 1707.0 0.048 19 0 n/a 0 No 4 2 1 A8

Orientation	Area	U-factor	SHGC	Act	Tit	Type	Location/Comments
11 Wind Back (W)	60.0	0.350	0.560	270	90	Standard B4	
12 Wind Back (W)	13.5	0.350	0.560	270	90	Standard R4	
13 Wind Right (N)	13.5	0.350	0.560	0	90	Standard R4	
14 Wind Right (N)	13.5	0.350	0.560	0	90	Standard R4	
15 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
16 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
17 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
18 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
19 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
20 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
21 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
22 Wind Right (N)	18.0	0.350	0.560	0	90	Standard R4	
23 Wind Left (S)	8.0	0.350	0.560	180	90	Standard R11	
24 Wind Left (S)	8.0	0.350	0.560	180	90	Standard R11	
25 Wind Left (S)	8.0	0.350	0.560	180	90	Standard R11	
26 Wind Left (S)	8.0	0.350	0.560	180	90	Standard R11	
27 Wind Left (S)	13.5	0.350	0.560	180	90	Standard L3	
28 Wind Left (S)	13.5	0.350	0.560	180	90	Standard L3	
29 Wind Left (S)	16.0	0.350	0.560	180	90	Standard L6	
30 Wind Left (S)	8.0	0.350	0.560	180	90	Standard L7	
31 Wind Left (S)	4.0	0.350	0.560	180	90	Standard L9	
32 Wind Left (S)	4.0	0.350	0.560	180	90	Standard L9	
33 Wind Left (S)	4.0	0.350	0.560	180	90	Standard L10	
34 Wind Left (S)	8.0	0.350	0.560	180	90	Standard L12	
35 Wind Left (S)	8.0	0.350	0.560	180	90	Standard L12	
36 Wind Left (S)	8.0	0.350	0.560	180	90	Standard L12	

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BUILDING ZONE INFORMATION
 Zone Type: Residence
 Area Volume: 3664 29435
 Floor Area: 1.00
 # of Cond: 4.0
 # of Therms: 1.00
 # of Stair: 2.0
 # of Standard: 2.0

ATTIC AND ROOF DETAILS
 Roof Type: Mass
 Roof Rise: 19
 Roof Slope: 5/12
 Roof Area: 1707.0
 Roof Area Factor: 0.048
 Roof Area Type: 19
 Roof Area Comments:

ENVELOPE MEASURES
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FENESTRATION SURFACES
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MANDATORY MEASURES SUMMARY, RESIDENTIAL
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