

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: Menalto Ave Residence Calculation Date/Time: 2024-11-19T12:37:25-08:00 Page 1 of 11

Table with 11 columns: 01-11. Rows include Project Name, City, Zip code, Climate Zone, Building Type, Project Scope, Addition Cond. Floor Area, Existing Cond. Floor Area, Total Cond. Floor Area, ADU Bedroom Count, Fuel Type.

Table with 3 columns: 01-03. Rows include Building Complex with Computer Performance, Building does not require field testing or HERS verification, Building does not incorporate Special Features.

Registration Number: CA Building Energy Efficiency Standards - 2022 Residential Compliance Registration Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220901

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Table with 7 columns: Energy Use, Standard Design Source Energy, Standard Design TDN Energy, Proposed Design Source Energy, Proposed Design TDN Energy, Compliance Margin (EDR), Compliance Margin (EDE).

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Table with 5 columns: Gross EU1, Standard Design (kBtu/ft² · yr), Proposed Design (kBtu/ft² · yr), Compliance Margin (kBtu/ft² · yr), Margin Percentage.

Notes: 1. Gross EU is Energy Use Total (not including PV) / Total Building Area. 2. Net EU is Energy Use Total (including PV) / Total Building Area.

REQUIRED SPECIAL FEATURES: The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.

HERS FEATURE SUMMARY: The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis.

Table with 7 columns: 01-07. Rows include Project Name, Conditioned Floor Area, Number of Dwelling Units, Number of Bedrooms, Number of Zones, Number of Ventilation Cooling Systems, Number of Water Heating Systems.

Table with 7 columns: 01-07. Rows include Zone Name, Zone Type, HVAC System Name, Zone Floor Area, Avg. Ceiling Height, Water Heating System 1, Status.

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Table with 11 columns: 01-11. Rows include Name, Zone, Construction, Azimuth, Orientation, Gross Area, Window and Door Area, Tilt, Wall Exceptions, Status, Verified Existing Condition.

Table with 14 columns: 01-14. Rows include Name, Zone, Construction, Azimuth, Orientation, Area, Skylight Area, Roof Reflectance, Roof Emittance, Cool Roof, Status, Verified Existing Condition.

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Table with 10 columns: 01-10. Rows include Name, Construction, Type, Roof Slope, Roof Reflectance, Radiant Barrier, Cool Roof, Status, Verified Existing Condition.

Table with 16 columns: 01-16. Rows include Name, Type, Surface, Orientation, Azimuth, Width, Height, Area, U-factor, SHGC, SHGC Source, Exterior shading, Status, Verified Existing Condition.

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Table with 16 columns: 01-16. Rows include Name, Type, Surface, Orientation, Azimuth, Width, Height, Mult., Area, U-factor, U-factor Source, SHGC, SHGC Source, Exterior shading, Status, Verified Existing Condition.

Table with 8 columns: 01-08. Rows include Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, Assembly Layers.

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Table with 8 columns: 01-08. Rows include Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, Assembly Layers.

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Table with 8 columns: 01-08. Rows include Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior / Exterior Continuous R-value, U-factor, Assembly Layers.

Table with 5 columns: 01-05. Rows include Quality Insulation Installation, High R-value Spray Foam Insulation, Building Envelope Air Leakage, CFMSO, CFMSO.

Table with 12 columns: 01-12. Rows include Name, System Type, Distribution Type, Water Heater Name, Number of Units, Solar Heating System, Compact Distribution, HERS Verification, Water Heater Name, Status, Verified Existing Condition, Existing Water Heating System.

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Table with 15 columns: 01-15. Rows include Name, Heating Element Type, Tank Type, # of Units, Tank Vol., Heating Efficiency, Efficiency, Rated Input, Input Rating, Tank Insulation, Standby Loss, 1st HC Rating, Tank Location, Status, Verified Existing Condition.

Table with 7 columns: 01-07. Rows include Name, Pipe Insulation, Parallel Piping, Compact Distribution, Compact Distribution Type, Recirculation Control, Shower Drain Water Heat Recovery.

Table with 12 columns: 01-12. Rows include Name, System Type, Heating Equipment Name, Heating Equipment Count, Cooling Unit Name, Cooling Equipment Count, Fan Name, Distribution Name, Required Thermostat Type, Status, Verified Existing Condition, Existing HVAC System.

Table with 5 columns: 01-05. Rows include Name, System Type, Number of Units, Heating Efficiency, Heating Unit Brand.

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Table with 16 columns: 01-16. Rows include Name, Type, Design Type, Duct Ins. R-value, Duct Location, Supply Return, Supply Return, Bypass Duct, Duct Leakage, HERS Verification, Status, Verified Existing Condition, Existing Distribution system, New Ducts >= 25 R.

Table with 4 columns: 01-04. Rows include Name, Type, Fan Power (Watts/CFM), Name.

HERS RATER VERIFICATION OF EXISTING CONDITIONS

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Table with 2 columns: 01-02. Rows include Name, Type, Design Type, Duct Ins. R-value, Duct Location, Supply Return, Supply Return, Bypass Duct, Duct Leakage, HERS Verification, Status, Verified Existing Condition, Existing Distribution system, New Ducts >= 25 R.

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