Title-24 Compliance Summary - v3 Approved

Boudreau Engineering
Edwards Estates Lots 2 & 3
Modesto, CA
Climate Zone: 12
Status: Approved

Program Participation
☐ GreenPoint Rated ☐ CAHP/CMFNH ☐ Energy Star
☐ LEED ☐ TCAC ☐ DOE ZNE Ready

Program Kickers
☐ 100% LED Lighting ☑ Gas Dryer
☐ Home Energy Monitor ☑ Gas Cooktop

Job #3127
3/11/2019
CBECC v.3.1

Approved

v3

	2016 Code Minimum Compliance Requirements
Plan Name	**Lots 2 & 3**
Number of Stories	2
Square Footage	1777
Glazing %	13.7%
Compliance Margin (worst case)	0.4%
Incentive Program Statistics	
EDR of Standard Design	47.1
EDR of Proposed Design North	47.0 / $0
EDR of Proposed Design East	44.4 / $0
EDR of Proposed Design South	46.0 / $0
EDR of Proposed Design West	44.8 / $0
Minimum Envelope Requirements	
Roofing Type	Asphalt
Roof Pitch	4:12
Cool Roof Credit (Aged Reflectance / Emissivity)	--
Attic Type	Vented
Above Roof Deck Insulation	--
Below Roof Deck Insulation	--
Ceiling Insulation	R-38
Under FAU Platform	--
Radiant Barrier	Yes
Exterior Wall Finish	Stucco
Continuous Wall Insulation	--
Wall Cavity Insulation - 2x4	R-13
Wall Cavity Insulation - 2x6	R-19
Floor Over Garage/Exterior	R-19
Raised Subfloor Insulation / Crawlspace	R-19
Slab Edge Insulation	--
Minimum HVAC Efficiency Requirements	
Number of Systems	1
Heating Type	Gas Furnace
Heating Efficiency Rating	0.96
SEER Rating	16.0
EER Rating	13.0
Duct Insulation	R-6
Zonally Controlled	Yes
Bypass Ducts	--
Whole House Fan	Tri Pro-4.8X
Photovoltaic	
System Size kW	--
HERS Verification Requirements - Third Party Field Verifications by a Certified HERS Rater	
Duct Leakage (cfm)	5%
System Airflow (cfm/ton)	275
Fan Watt Draw (watts/cfm)	0.45
IAQ ASHRAE 62.2 Ventilation (cfm)	48
Refrigerant Charge	Yes
SEER Rating	--
EER Rating	Yes
Air Infiltration Rate (ACH50)	--
Quality Insulation Installation	Yes
Low Leakage Airhandler	--
Ducts In Conditioned Space	Yes
Duct Surface Area	--
Buried Ducts	--
Hot Water System	--
Domestic Hot Water Heating Requirements	
Energy Source	Gas
Uniform Energy Factor (UEF) / Energy Factor (EF)	0.93 UEF
Tank Capacity	Tankless
Distribution Type	Recirc Push Button
Pipe Insulation	All Hot Pipes
Window Efficiency Requirements	
	U-Factor / SHGC
Operable	0.32 / 0.25
Fixed	0.32 / 0.25
Sliding Door	0.32 / 0.25
French Door	0.32 / 0.25
Solatube	0.32 / 0.25
Revisions Log	