

01	02	03	04	05	06	07
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-Value	White Design U-factor	Assemblies / Layers
Attic Roof/ceiling	Attic Roofs	Wood Framed Ceiling	2x4 Top Chord of Roof Truss @ 24 in. O.C.	none	0.644	Cherry / Frame: 2x4 Top Chord • Roof Deck: Wood String/Batt/Blocking • Roofing: Light Roof (Asphalt Shingle)
R-10 Floor Crawlspace	Floors Over Crawlspace	Wood Framed Floor	2x12 @ 16 in. O.C.	none	0.218	Cherry / Frame: 2x4 Joist • Floor Deck: Wood String/Batt/Blocking • Insulation: R-10 (Fiberglass Blown-in)
R-10 Roof/Attic	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	none	0.361	Cherry / Frame: no nail / 2x12 • Insulation: R-10 (Fiberglass Blown-in) • Vapor Barrier: Polyethylene
Attic Roof/ceiling	Ceilings (below attic)	Wood Framed Ceiling	2x4 @ 24 in. O.C.	R 19	0.049	Cherry / Frame: no nail / 2x4 • Insulation: R-19 (Fiberglass Blown-in)
R-15 Wall	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	none	0.644	Cherry / Frame: 2x4 Top Chord • Roof Deck: Wood String/Batt/Blocking • Roofing: Light Roof (Asphalt Shingle)
R-10 Wall	Interior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	R 15	0.095	Cherry / Frame: R-15 2x4 • Exterior Finish: 3 Coat Stucco
R-10 Floor Crawlspace	Floors Over Crawlspace	Wood Framed Floor	2x4 @ 16 in. O.C.	none	0.277	Cherry / Frame: no nail / 2x4 • Insulation: R-10 (Fiberglass Blown-in)
R-38 Roof/Attic	Ceilings (below attic)	Wood Framed Ceiling	2x4 @ 24 in. O.C.	R 38	0.025	Cherry / Frame: R-38 2x4 • Other Ceiling Joists: R-38 2x4 • Insulation: R-38 (Fiberglass Blown-in)
R-38 Roof/Attic	Cathedral Ceilings	Wood Framed Ceiling	2x6 @ 16 in. O.C.	none	0.031	Cherry / Frame: no nail / 2x4 • Insulation: R-38 (Fiberglass Blown-in)

01 Quality Installation (QI) Not Required

02 Quality Installation of Spray Foam Insulation Not Required

03 Building Envelope Air Leakage Not Required

04 CFM50 r/n

Registration Number: CA Building Energy Efficiency Standards - 2016 Residential Compliance
Report Version: CFR-0623016-1149
Registration Date/Time: 2019-10-09 10:52:14
Report Generated at: 2019-10-09 10:52:14

01	02	03	04	05	06	07	08
Name	System Type	Distribution Type	Water Heater	Number of Heaters	Water Heater Efficiency (HAF)	Status	Verified Existing Condition
DHW Sys 1	DHW	Standard	DHW Heater 1	1	0	Existing	No

01	02	03	04	05	06	07	08
Name	Heater Type	Number of Units	Input Rating / Pilot / Efficiency (HAF)	Stacking / Recovery / Efficiency (HAF)	First Hour Rating (FHR)	HEAT PUMP / Electric / Gas	Tank Location
DHW Heater 1	Gas Instantaneous	1	0.82 EF	0	n/a	n/a	n/a

01	02	03	04	05	06	07	08
SE Sys Name	System Type	Heating Unit Name	Cooling Unit Name	Fan Name	Distribution Name	Status	Verified Existing Condition
HVAC System 1	Other HVAC Cooling System	HVAC Component 1	HVAC Component 1	HVAC Fan 1	Air Distribution System	Existing	No

01	02	03	04	05	06	07	08
Name	System Type	System Type	Number of Units	Number of Units	Efficiency (EER/SEER)	Efficiency (EER/SEER)	Efficiency (EER/SEER)
Heating Component 1	None	None	1	1	None	None	None

01	02	03	04	05	06	07	08
Name	System Type	Number of Units	Efficiency (EER/SEER)	Zonally Controlled	Compressor Type	HERS Verification	HERS Verification
Cooling Component 1	Split/Cond	1	11.7	13	Not Zonal	Compressor	Not Required

Registration Number: CA Building Energy Efficiency Standards - 2016 Residential Compliance
Report Version: CFR-0623016-1149
Registration Date/Time: 2019-10-09 10:52:14
Report Generated at: 2019-10-09 10:52:14

01	02	03	04	05	06	07	08
Name	Verified Airflow	Airflow Target	Verified EER	Verified SEER	Verified Refrigerant Charge	Status	Verified Existing Condition
Cooling Component 1: Heat-cool	Not Required	n/a	Not Required	Not Required	Not Required	Not Required	No

01	02	03	04	05	06	07	08
Name	Type	Duct Leakage	Insulation R-Value	Return Duct Location	Bypass Duct	Status	Verified Existing Condition
Air Distribution System 1	Duct located in attic (Unvented and Uninsulated)	Existing (not Approved)	6.0	Attic	None	Existing + New	n/a

01	02	03	04	05	06	07	08
Name	System Type	System Type	Number of Units	Number of Units	IAQ Recovery Effectiveness (%)	HERS Verification	HERS Verification
Drinking Water System: IAQ/Recovery	IAQ CFM	IAQ Vent/CFM	0	0	0	Not Required	Not Required

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Report Version: CFR-0623016-1149
Registration Date/Time: 2019-10-09 10:52:14
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01	02	03	04	05	06	07	08
Name	System Type	System Type	Number of Units	Number of Units	IAQ Recovery Effectiveness (%)	HERS Verification	HERS Verification
Drinking Water System: IAQ/Recovery	IAQ CFM	IAQ Vent/CFM	0	0	0	Not Required	Not Required

01	02	03	04	05	06	07	08
Name	System Type	System Type	Number of Units	Number of Units	IAQ Recovery Effectiveness (%)	HERS Verification	HERS Verification
Drinking Water System: IAQ/Recovery	IAQ CFM	IAQ Vent/CFM	0	0	0	Not Required	Not Required

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Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-Value	White Design U-factor	Assemblies / Layers	HERS Verification
Attic Roof/ceiling	Attic Roofs	Wood Framed Ceiling	2x4 Top Chord of Roof Truss @ 24 in. O.C.	none	0.644	Cherry / Frame: 2x4 Top Chord • Roof Deck: Wood String/Batt/Blocking • Roofing: Light Roof (Asphalt Shingle)	Not Required
R-10 Floor Crawlspace	Floors Over Crawlspace	Wood Framed Floor	2x12 @ 16 in. O.C.	none	0.218	Cherry / Frame: 2x4 Joist • Floor Deck: Wood String/Batt/Blocking • Insulation: R-10 (Fiberglass Blown-in)	Not Required
R-10 Roof/Attic	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	none	0.361	Cherry / Frame: no nail / 2x12 • Insulation: R-10 (Fiberglass Blown-in) • Vapor Barrier: Polyethylene	Not Required
Attic Roof/ceiling	Ceilings (below attic)	Wood Framed Ceiling	2x4 @ 24 in. O.C.	R 19	0.049	Cherry / Frame: no nail / 2x4 • Insulation: R-19 (Fiberglass Blown-in)	Not Required
R-15 Wall	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	none	0.644	Cherry / Frame: 2x4 Top Chord • Roof Deck: Wood String/Batt/Blocking • Roofing: Light Roof (Asphalt Shingle)	Not Required
R-10 Wall	Interior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	R 15	0.095	Cherry / Frame: R-15 2x4 • Exterior Finish: 3 Coat Stucco	Not Required
R-10 Floor Crawlspace	Floors Over Crawlspace	Wood Framed Floor	2x4 @ 16 in. O.C.	none	0.277	Cherry / Frame: no nail / 2x4 • Insulation: R-10 (Fiberglass Blown-in)	Not Required
R-38 Roof/Attic	Ceilings (below attic)	Wood Framed Ceiling	2x4 @ 24 in. O.C.	R 38	0.025	Cherry / Frame: R-38 2x4 • Other Ceiling Joists: R-38 2x4 • Insulation: R-38 (Fiberglass Blown-in)	Not Required
R-38 Roof/Attic	Cathedral Ceilings	Wood Framed Ceiling	2x6 @ 16 in. O.C.	none	0.031	Cherry / Frame: no nail / 2x4 • Insulation: R-38 (Fiberglass Blown-in)	Not Required

01 Building Envelope (BE) Not Required

02 Quality Installation of Spray Foam Insulation Not Required

03 Building Envelope Air Leakage Not Required

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Name	System Type	Distribution Type	Water Heater	Number of Heaters	Water Heater Efficiency (HAF)	Status	Verified Existing Condition
DHW Sys 1	DHW	Standard	DHW Heater 1	1	0	Existing	No

01	02	03	04	05	06	07	08
Name	Heater Type	Number of Units	Input Rating / Pilot / Efficiency (HAF)	Stacking / Recovery / Efficiency (HAF)	First Hour Rating (FHR)	HEAT PUMP / Electric / Gas	Tank Location
DHW Heater 1	Gas Instantaneous	1	0.82 EF	0	n/a	n/a	n/a

01	02	03	04	05	06	07	08
SE Sys Name	System Type	Heating Unit Name	Cooling Unit Name	Fan Name	Distribution Name	Status	Verified Existing Condition
HVAC System 1	Other HVAC Cooling System	HVAC Component 1	HVAC Component 1	HVAC Fan 1	Air Distribution System	Existing	No

01	02	03	04	05	06	07	08
Name	System Type	System Type	Number of Units	Number of Units	Efficiency (EER/SEER)	Efficiency (EER/SEER)	Efficiency (EER/SEER)
Heating Component 1	None	None	1	1	None	None	None

01	02	03	04	05	06	07	08
Name	System Type	Number of Units	Efficiency (EER/SEER)	Zonally Controlled	Compressor Type	HERS Verification	HERS Verification
Cooling Component 1	Split/Cond	1	11.7	13	Not Zonal	Compressor	Not Required

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01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Admth	Orientation	Great Area (ft²)	Window Area (ft²)	IR Window Area (ft²)			
Left Wall	Existing	R-10 Wall	46	Left	223	15.3	15.3	15.3	15.3	15.3
Rear Wall	Existing	R-10 Wall	135	Back	416	159.3	159.3	159.3	159.3	159.3
Right Wall	Existing	R-10 Wall	225	Right	266	30.7	30.7	30.7	30.7	30.7
Roof	Existing	R-10 Roof/Attic	1077.5	Roof	1077.5	0	0	0	0	0
Raised Floor	Existing	R-10 Floor Crawlspace	1777.5	Roof	1777.5	0	0	0	0	0
Front Wall	Addition	R-15 Wall	315	Front	312.75	82	82	82	82	82
Left Wall 2	Addition	R-15 Wall	45	Left	212	25	25	25	25	25
Right Wall 2	Addition	R-15 Wall	225	Right	20	0	0	0	0	0
Interior Surface	Addition-Existing	R-10 Wall	62	Roof	62	0	0	0	0	0
Roof 2	Addition	R-38 Roof/Attic	374.75	Roof	374.75	0	0	0	0	0
Raised Floor 3	Addition	R-10 Floor Crawlspace	374.75	Roof	374.75	0	0	0	0	0

01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Type	Orientation	Area (ft²)						
Valued Roof	Addition	R-30 Roof/No Attic	- specify -	687.5	0	4	0.1	0.85	0.85	0.85

01	02	03	04	05	06	07	08	09	10	11
Name	Construction	Type	Roof Rise	Roof Reference	Roof Area (ft²)					
Attic Existing	Attic Roof/Existing	Ventilated	4	0.1	0.85	0.85	0.85	0.85	0.85	0.85
Attic Addition	Attic Roof/Addition	Ventilated	4	0.1	0.85	0.85	0.85	0.85	0.85	0.85

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Report Version: CFR-0623016-1149
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01	02	03	04	05	06	07	08	09	10	11
Name	Surface (Orientation-Admth)	Width (ft)	Height (ft)	Multiplier	Area (ft²)	U-factor	SHGC	SHGC	SHGC	SHGC
Window 2	Left Wall (Left-45)	---	---	1	15.0	0.65	0.67	0.67	0.67	0.67
Window 3	Rear Wall (Back-150)	---	---	1	32.0	0.65	0.67	0.67	0.67	0.67
Window 4	Rear Wall (Back-150)	---	---	1	32.0	0.65	0.67	0.67	0.67	0.67
Window 5	Rear Wall (Back-150)	---	---	1	11.3	0.65	0.67	0.67	0.67	0.67
Window 6	Rear Wall (Back-150)	---	---	1	30.7	0.65	0.67	0.67	0.67	0.67
Window 7	Right Wall (Right-225)	---	---	1	10.0	0.65	0.67	0.67	0.67	0.67
Window 8	Front Wall (Front-315)	---	---	1	10.0	0.65	0.67	0.67	0.67	0.67
Window 9	Front Wall (Front-315)	---	---	1	10.0	0.65	0.67	0.67	0.67	0.67
Window 10	Front Wall (Front-315)	---	---	1	10.0	0.65	0.67	0.67	0.67	0.67
Window 11	Front Wall (Front-315)	---	---	1	10.0	0.65	0.67	0.67	0.67	0.67
Window 12	Left Wall 2 (Left-45)	---	---	1	16.0	0.65	0.67	0.67	0.67	0.67
Window 13	Left Wall 2 (Left-45)	---	---	1	9.0	0.65	0.67	0.67	0.67	0.67

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