



LEED for Homes Durability Evaluation Form (for prerequisite ID 2.1)

Builder Name:	<i>Steven & Karen Blanchard</i>
Project Team Leader:	<i>David Gangloff, AIA, David Gangloff Architects</i>
Home Address (Street/City/State):	<i>1811 Gisler Avenue, Costa Mesa, CA, California</i>

Home

Building type: Single, detached	Floor Area: 4899	Structure type: Conventional wood
Project type: Custom	# of Bedrooms: 7	Exterior roofing: Metal
Number of stories: 1	Number of full bathrooms: 6	Garage: Attached

Site

EPA Radon Zone: 1	Type of soil: Clay
Terrain / topography: Flat	Depth of soil to bedrock: Unknown
Predominant landscaping: Irrigated regional xeriscape	Depth of ground water below structure: 20 feet
Common regional pests: Termites, ants and small rodents	Proximity to bodies of water? Ocean 4 mi, River 1/4 mi
Other significant features: Developed suburban area	Above FEMA 100-year floodplain? Yes
Additional comments:	

Climate

IECC 2004 Climate Zone: 3	Annual rainfall (inches/yr): 11.65
Heating degree days (HDD): 1286	Annual maximum wind speed (mph): 6.5
Cooling degree days (CDD): 1294	Avg annual solar radiation (kWh/m2/day): 5.75
Natural disaster risks:	
<input type="checkbox"/> hurricanes	<input checked="" type="checkbox"/> earthquakes
<input type="checkbox"/> tornados	<input type="checkbox"/> floods
	<input checked="" type="checkbox"/> wildfires
	<input type="checkbox"/> blizzards

Issues

Issue Type	Risk Level	Issue Type	Risk Level
Exterior water:	medium	Pests:	high
Interior moisture:	low	Heat loss:	medium
Air infiltration:	medium	Ultraviolet radiation:	high
Interstitial condensation:	medium	Other: <u>Radon risk medium</u>	