3050-Electric

Last update: 10Jan22

EcoBlock

Address	Cost Code	Division	Existing System	Upgrade	Proposed Upgrade #1	Dimensions	Unit of measure	Qty	Upgrade Specifications	Notes	Proposed Upgrade Alternate
3050		Electrical Wiring Required	no circuit	Y	New circuit run to kitchen from main panel	53'	Ft' In"	2	estimated length from panel to current Stove location in measured in plan view.		
									Only needed for 3050		
3050		Install new plumbing & electrical connection		N							
3050		Install new plumbing & electrical connection		N							
3050		Install new vent and electrical connection		N							
3050		Electrical Wiring Required	none	Y	new circuit from panel to new location in crawlspace	52'0"	Ft' In"	1	Run new circuit for each HPWH. New circuit run from main panel through crawlspace.	3050: Location at back porch	
3050		Electrical Wiring Required	none	Y	new circuit from panel to new location in crawlspace	23'0"	Ft' In"	1	Run new circuit for each HPWH. New circuit run from main panel through crawlspace.	3052: Location at closet off of garage	
3050		26 - Electrical									
3050		26.1 Electrical / Wiring	2 prong plugs	Y	3050: rewire 2 prong ungrounded plugs		LF		Replace knob and tube with nonmetallic cable	3050: Recommended to upgrade plugs to grounded, by rewiring in crawlspace, removing outlet boxes, pulling in new wire from crawlspace and installing retrofit boxes.	
									conduit for EV charging to garage		
					3052: Knob and tube from fuse box subpanel should be replaced					3052: Replace knob and tube with nonmetallic cable. Knob and tube in attic knee wall inspected by electrician. Loads on fuse box have not been identified.	
3050		Install new									
3050		26.2 Main Service & Panels	125amp panel low to ground and no service disconnect	Y	move panel to code compliant height, install new weather head, and new panel with 150A capacity		Inches	2	Replace panel and potentially potentially potential upgrade from existing 125A capacity panel to 200A (could be 150A). Main Panel needs to be replaced with new panel and raised to code compliant location (approx. 66") raised	May require new service drop from PG&E.	
3050		Panel upgrade									

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3050		26.3 Subpanels		Y			Inches	1	Replace fuse box subpanel in hallway in unit with junction box	Change out fuse box or eliminate to make junction box	
3050		Panel upgrade/replacement	Fusebox subpanel in hallway (3050) and in closet (3052)	Y	3050: Change to subpanel with breakers or eliminate and make junction box				3050: Hallway subpanel: needs to be eliminated or changed to breakers.	End uses on fuse box are not identified. HO does not know and this was not tested.	
			second subpanel with breakers in closet (3052)						3052: Closet subpanel with fuses should be eliminated or changed to breakers. Panel should be flipped around to other side of wall to open in bedroom.		
					3052: Subpanel in closet is not complying location and fuse box				Second subpanel in another closet with breakers serving lighting, range (240)age and dryer (240). so we may not need to touch this panel		
3050		26.4 Lighting	Mostly LED, some INC + CFL	Υ	bulbs to be replaced in 14 fixtures. See narrative for specifics				Replace incandescent and CFL with	color temperature between 2700k- 3500K	
									Energy Start LEDs	Energy Star	
										Exterior- dark sky certified	
										See lighting list above	
3050		Install new									
3050		Cost to remove & dispose of existing			CFL and FL to hazardous waste (no fee drop off)						
3050		26.5 Lighting Controls									
3050		Lighting Controls upgrade (Dimmers)									
3050		48 - Electrical Power Generation									
3050		48.1 Solar Panels							Not in Redhorse Scope. Access to		

solar will be exterior mounted conduits.

End