## 3020 3024-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
3020 3024		Electrical Wiring Required	circuit exists	N			Ft' In"				
3020 3024		Install new plumbing & electrical connection		N							
3020 3024		Install new plumbing & electrical connection		N							
3020 3024		Install new vent and electrical connection		N							
3020 3024		Electrical Wiring Required	none	Y	new circuit from panel to new location in crawlspace	55'	Ft' In"		New circuit run from main panel through storage area, then chase (?) to WH location		
3020 3024		Electrical Wiring Required	none	Y	new circuit from panel to new location in crawlspace	55'	Ft' In"	1	Run new circuit for each HPWH. New circuit run from main panel through crawlspace.		
3020 3024		23.6 Range Ventilation	No- vents to nowhere	Y	(1) under cabinet mounted	30		2	New Range hood		
					(1) wall mounted				(1) under cabinet mounted		
									(1) wall mounted (free standing)		
									Min 110cfm range hood with sone limit of 4		
									Range hood must meet following specifications: 50% CE or 110cfm. Range hoods must be HVI rated and be rated at 4 sones or less. Ideally, the range hood would cover 50% of the front burners and have a 1 inch sump.		
3020 3024		Install new									
3020 3024		Patch drywall									
3020 3024		26 - Electrical									
3020 3024		26.1 Electrical / Wiring		N			LF				
3020 3024		Install new									
3020 3024		26.2 Main Service & Panels	Main disconnects: 100A with 20A for PV, 70A with 20A for PV	TBD	Upgrade 70 amp to 125 and 100 to 200 amp. Panel.		Inches	2	replace 70amp with 125 amp and 10 amp with 200amp panel. Service drop for 70 amp needs to be 100 amp- need to confirm drop. 100amp service drop is ok	.Will require new service drop from PG&E.	
					Consider adding additional PV						
3020 3024		Panel upgrade									

Address	Cost Code	Division	Existing System	Upgrade	Proposed Upgrade #1	Dimensions	Unit of measure	Qty	Upgrade Specifications	Notes	Proposed Upgrade Alternate
3020 3024		26.3 Subpanels		Υ			Inches	1			
3020 3024		Panel upgrade/replacement	Upper unit subpanel in closet; need to be relocated (to opposite wall outside closet?).	Y	Upper unit: Relocate to opposite wall outside of closet if possible.		Inches	1			
			Lower unit subpanel located in bedroom on wall.		Lower unit: Leave as is.						
3020 3024		26.4 Lighting	Mostly LED, some INC + CFL	Y	bulbs to be replaced in 14 fixtures. See narrative for specifics			14	Replace incandescent and CFL with	color temperature between 2700k- 3500K	
									Energy Start LEDs	Energy Star	
										Exterior- dark sky certified	
										See lighting list above	
3020 3024		Install new									
3020 3024		Cost to remove & dispose of existing			CFL and FL to hazardous waste (no fee drop off)						
3020		26.5 Lighting									

End

3024

Controls