

RiverHouse South
9/14/2022
Townhome Energy Performance Scenarios



Table 1: Townhome Energy Performance Scenarios

Element	Scenario 1	Scenario 2	Scenario 3	Scenario 3.5	Scenario 4	Scenario 5	Scenario 5.5
Slab	R-10 (2/2)	R-10 (2/4)	R-10 (2/2)	R-10 (2/2)	R-10 (2/2)	R-10 (2/2)	R-10 (2/2)
Framed Floor	R-38	R-49	R-38	R-49	R-38	R-38	R-49
Rim Joist	R-21	R-21 + 10	R-21	R-21 + 10	R-21	R-21	R-21 + 10
AGW	R-21	R-21 + 10	R-21	R-21 + 10	R-21	R-21	R-21 + 10
Window U/SHGC	.30/.29	.20/.20	.30/.29	.20/.20	.30/.29	.30/.29	.20/.20
Glass Door U/SHGC	.30/.29	.20/.20	.30/.29	.20/.20	.30/.29	.30/.29	.20/.20
Ceiling	R-38	R-49 + 20	R-38	R-49 + 20	R-38	R-38	R-49 + 20
Heating	24k 10 HSPF	18k 10 HSPF	18k 10 HSPF	18k 10 HSPF	18k 4.0 COP GSHP	18k 10 HSPF	18k 10 HSPF
Cooling	24k 18 SEER	18k 18 SEER	18k 18 SEER	18k 18 SEER	18k 20 EER GSHP	18k 18 SEER	18k 18 SEER
Water Heater	50g .93UEF	50g .93UEF	50g 3.45UEF HP	50g 3.45UEF HP	50g .93UEF	50g 3.45UEF HP	50g 3.45UEF HP
PV	None	None	None	None	None	3 kW	3 kW
Appliances	ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR	ENERGY STAR
Lighting	ENERGY STAR Equiv	ENERGY STAR Equiv	ENERGY STAR Equiv	ENERGY STAR Equiv	ENERGY STAR Equiv	ENERGY STAR Equiv	ENERGY STAR Equiv
Unit Air Sealing	5 ACH 50	0.6 ACH50	5 ACH 50	3 ACH 50	5 ACH 50	5 ACH 50	3 ACH 50
Configuration	BASE	PASSIVE HOUSE (PH)	HP DhW	HP DhW + PH + 3ACH	GSHP HVAC	HP DhW + PV	HP DhW, PH, 3ACH, PV
ArlCo Target	60	60	60	60	60	60	60
HERS Index	59	48	54	45	55	27	19

Notes:

- 1) The HERS Score represented above is for a small end-unit with a crawl space and roof deck.
- 2) HERS Index is dependent on unit size, location (middle/end), and configuration. A +/- 1-5 HERS point swing can occur between this unit and others.
- 3) 3ACH 50 unit air leakage represented in scenarios 3.5 and 5.5 are DC and MD code requirements. SBP's projects under these codes are meeting these requirements.



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2 0 0 Integrative Process			Possible Points: 2	
Y	?	N		
2			Credit	Integrative Process

14.0 1 0.0 Location and Transportation			Possible Points: 15	
Y	?	N		
Y			Prereq	Floodplain Avoidance
7	1		Credit	Site Selection
3			Credit	Compact Development
2			Credit	Community Resources
2			Credit	Access to Transit

1 3 3 Sustainable Sites			Possible Points: 7	
Y	?	N		
Y			Prereq	Construction Activity Pollution Prevention
Y			Prereq	No Invasive Plants
	2		Credit	Heat Island Reduction
		3	Credit	Rainwater Management
1	1		Credit	Non-Toxic Pest Control

6 2 4 Water Efficiency			Possible Points: 12	
Y	?	N		
Y			Prereq	Water Metering
6	2	4	Credit	Total Water Use

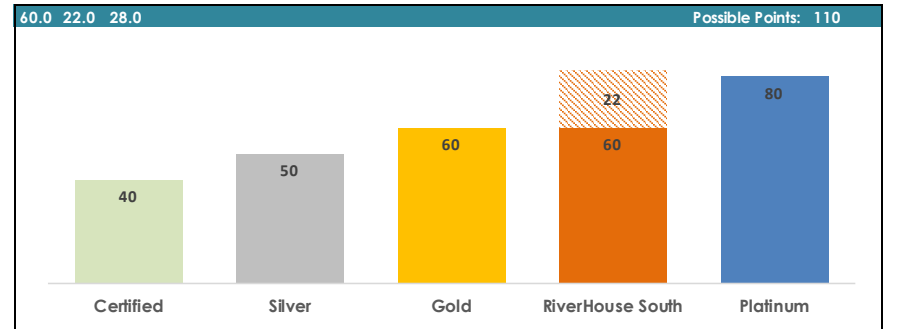
24 9 5 Energy and Atmosphere			Possible Points: 38	
Y	?	N		
Y			Prereq	Minimum Energy Performance
Y			Prereq	Energy Metering
Y			Prereq	Education of the Homeowner, Tenant or Building Manager
22	7		Credit	Annual Energy Use
		5	Credit	Efficient Hot Water Distribution
1	1		Credit	Advanced Utility Tracking
	1		Credit	Active Solar-Ready Design
1			Credit	HVAC Start-Up Credentialing

2.5 2 5.5 Materials and Resources			Possible Points: 10	
Y	?	N		
Y			Prereq	Certified Tropical Wood
Y			Prereq	Durability Management
1			Credit	Durability Management Verification
0.5	1	3	Credit	Environmentally Preferable Products
1	1	1	Credit	Construction Waste Management
		2	Credit	Material-Efficient Framing

3.5 3 9.5 Indoor Environmental Quality			Possible Points: 16	
Y	?	N		
Y			Prereq	Ventilation
Y			Prereq	Combustion Venting
Y			Prereq	Garage Pollutant Protection
Y			Prereq	Radon-Resistant Construction
Y			Prereq	Air Filtering
Y			Prereq	Environmental Tobacco Smoke
Y			Prereq	Compartmentalization
1		2	Credit	Enhanced Ventilation
		2	Credit	Contaminant Control
		3	Credit	Balancing of Heating and Cooling Distribution Systems
		1	Credit	Enhanced Compartmentalization
1	1		Credit	Enhanced Combustion Venting
	2		Credit	Enhanced Garage Pollutant Protection
1.5		1.5	Credit	Low Emitting Products

4 2 0 Innovation			Possible Points: 6	
Y	?	N		
3	2		Credit	Innovation
1			Credit	LEED AP Homes

3 0 1 Regional Priority Credits			Possible Points: 4	
Y	?	N		
1			Credit	Site Selection (5 pts)
1			Credit	Community Resources (2 pts)
		1	Credit	Rainwater Management, Outdoor Water Use
1			Credit	Access to Transit, Material Efficient Framing (3pts), Total Water Use



Note:
 - min 8 points total in LT and EA required
 - min 3 points in WE required
 - min 3 points in EQ required



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Credit		Requirement & Comments	Yes	Maybe	Action
General					
General	LEED Certification	Project is required to achieve LEED Gold as part of the Sector Plan requirements.			No action required.
Permitting	Arlington County Sustainability	The applicant recognizes the LEED Conditions Packet requirements at specific permitting milestones. Those requirements applicable to achieving the LEED requirements will be provided during the permitting process. The applicant will follow the conditions written in the Board Report and the guidelines here: https://environment.arlingtonva.us/energy/green-building/leed-permit-submission/			No action required.
Integrative Process					
Credit 1	Integrative Process	<p>Option 1. Integrative Project Team (1 pt) - Team includes 3 skill sets - Team involved in 3 phases of design and construction - Team conducts monthly meetings</p> <p>Option 2. Design Charette (1 pt) - 1 full day or 2 half day workshop no later than DD</p> <p>Option 3. Trades Training (1 pt) - Combined 8 hours of green training for subcontractors</p>	2		On track. Will keep track of meetings and perform Trades Training.
Location and Transportation					
Prereq 1	Floodplain Avoidance	<p><u>Option 1.</u> Project is not built in 100-year floodplain <u>Option 2.</u> Project building in flood hazard area iaw local flood provisions <u>Option 3.</u> Project is previously developed building and hardscape</p>	Y		No action required.
Credit 1	Site Selection	<p><u>Observed:</u> Project not built in 100-year floodplain <u>Option 1.</u> Sensitive Land Protection (3-4 pts) Path 1. Previously Developed (4 pts) - 75% of buildable land located on previously developed land. Path 2. Avoidance of Sensitive Land (3 pts) - Project does not consist of prime farmland, public parkland, 100-year floodplain, endangered species habitat, w/in 50' wetlands, w/in 100' water</p>	4		No action required.
		<p><u>Observed:</u> Projects built on previously developed land <u>Option 2.</u> Infill Development (2 pts) - 75% of land w/in 1/2 mi of project boundary is previously developed</p>	2		No action required.
		<p><u>Observed:</u> >75% of land w/in 1/2 mile of the project is previously developed <u>Option 3.</u> Open Space (1 pt) - Built w/in 1/2 mi public open space > 3/4 acres or public open space provided on project</p>	1		No action required.
		<p><u>Observed:</u> Projects are built within 1/2 mi of public space. <u>Option 4.</u> Street Network (1 pt) - Project is in area w/ existing streets and sidewalks that create 90 intersections per sqmi</p>	1		No action required.
		<p><u>Observed:</u> Projects are built in compliant area. <u>Option 5.</u> Bicycle Network (1 pt) - Meet all of the following: - Provide bike storage w/in 200 yds of bike network that connects to ≥ 10 uses, school or employment center, or bus rapid transit/rail/ferry terminal w/in 3 mi of project - Short term bike parking = 9 (2.5% occupants) - Long term bike parking = 53 (15% occupants)</p>		1	Review achievement.
		+1 EP for earning all 9 points		1	
Credit 2	Compact Development	<p><u>Required:</u> Meet the following density (dwelling units/acre) >7 (1 pt) > 12 (2 pts) > 20 (3 pts) > 35 (+1 EP)</p>	3		Anticipated, no action required.



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Credit 3	Community Resources	<u>Required:</u> Provide community resources w/in 1/2 mi walking distance: 4-7 uses (1 pt) 8-11 uses (1.5 pt) 12-15 uses (2 pt) 16-19 uses (+0.5 pt EP) 20 uses (+1 pt EP)	2		Anticipated, no action required.																									
Credit 4	Access to Transit	<u>Required:</u> - 1/4 mi walking distance of bus OR - 1/2 mi walking distance of bus rapid, lt/hvy rail, ferry AND - Meet min transit stops below <table border="0"> <tr> <td colspan="2"><u>Multiple Transit</u></td> <td colspan="2"><u>Rail/Ferry</u></td> <td></td> </tr> <tr> <td>Weekday</td> <td>Weekend</td> <td>Pts</td> <td>Weekday</td> <td>Pts</td> </tr> <tr> <td>72</td> <td>40</td> <td>1</td> <td>24</td> <td>1</td> </tr> <tr> <td>144</td> <td>108</td> <td>1.5</td> <td>40</td> <td>1.5</td> </tr> <tr> <td>360</td> <td>216</td> <td>2</td> <td>60</td> <td>2</td> </tr> </table> <u>Observed:</u> Project is 0.5 miles from Pentagon Metro with Blue and Yellow lines.	<u>Multiple Transit</u>		<u>Rail/Ferry</u>			Weekday	Weekend	Pts	Weekday	Pts	72	40	1	24	1	144	108	1.5	40	1.5	360	216	2	60	2	2		No action required.
<u>Multiple Transit</u>		<u>Rail/Ferry</u>																												
Weekday	Weekend	Pts	Weekday	Pts																										
72	40	1	24	1																										
144	108	1.5	40	1.5																										
360	216	2	60	2																										
Sustainable Sites																														
Prereq 1	Construction Activity Pollution Prevention	<u>Required:</u> 1. Include ESC measures in drawings - stockpiling topsoil - manage path/velocity of runoff - protect storm sewers/streams/lakes - divert surface water from hills - stabilize soils + 15% slope - prevent air pollution from dust) 2. Provide ESC drawings that meet 2012 EPA CGP or local codes	Y		Include compliant erosion and sediment control measures in the drawings.																									
Prereq 2	No Invasive Plants	<u>Required:</u> Do not install invasive plants <u>Activity:</u> No invasive plants planned; designing to increase native plant palette.	1		On track. Will develop a plant schedule that includes native and drought tolerant plants.																									
Credit 1	Heat Island Reduction	<u>Option 1, Shading:</u> Shade hardscape and roof w/ 10 year plant canopy <u>Option 2, Nonabsorptive Materials:</u> Use any of the following for hardscape and roof: - ENERGY STAR roofing material (SR ₂ ≥0.65) - Vegetated Roof - Open Pavers - Paving w/ 3-year SR ≥ 0.28 (or initial SR ≥ 0.33) Total Area met by Option 1 or Option 2: 50-75% (1 pt) >75% (2 pts)		2	Explore feasibility. Consider rooftop decks and any county directed site paving requirements.																									
Credit 3	Nontoxic Pest Control	<u>Required:</u> - Implement IPM Plan (Reqd) Up to (2 pts, each additional +0.5 pt EP up to 1 EP): - Steel mesh barrier termite control system (1 pt) - Physical termite barrier system (1 pt) - Below grade walls solid concrete, masonry w/ bond beam, concrete filled block (0.5 pt) - Post-tension slabs (0.5 pt) - Borate treatment of wood framing (0.5 pt) - Non-wood structural elements (0.5 pt) - Ports/openings at slab plumbing penetrations (0.5 pt) - 6"+ space btw landscape grade/nonmasonry siding (0.5 pt) - Seal cracks/joints/penetrations, install pest screens (0.5 pt) - Water discharge points 24"+ from foundation (0.5 pt) - 18"+ btwn landscape and exterior wall (0.5 pt)	1	1	On track. 1 pt anticipated for sealing crack/penetrations and solid walls. Explore feasibility of 0.5-1 pt additional.																									
Water Efficiency																														
Prereq 1	Water Metering	<u>Required:</u> Install water meter for each unit or entire building	Y		On track. Will install individual meters.																									



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Credit		Requirement & Comments	Yes	Maybe	Action
Credit 1	Total Water Use <i>Performance Path</i>	<p><u>Required:</u> Reduce total water use (indoor + outdoor) 10% (1 pt) to 65% (12 pts), 70% (+1 EP). 35% - 6 pts</p> <p><u>Activity:</u> Outdoor Water Use - Intend to limit irrigation. Indoor Water Use - Will target the following rates: - Water Closet = 1.28 gpf - Lav = 1.2 gpm - Shower = 2.0 gpm - Kitchen = 1.5 gpm - Dishwasher = ENERGY STAR (3.5 gpc). - Clothes Washer = ENERGY STAR (4.1 WF)</p>	6	2	On track. Will select fixtures that meet targeted flow rates. Will select ENERGY STAR appliances.
Energy and Atmosphere					
Prereq 1	Minimum Energy Performance	<p><u>Required:</u> 1. Complete all mandatory measures of Energy Star v3. - Rater Design and Field Checklist (HERS Rater) - HVAC Design Report (MEP) - HVAC Commissioning Checklist (HVAC Subcontractor doing start-ups) - Water Management System Builder Requirements (Builder) - Thermal Enclosure Checklist (HERS Rater)</p> <p>Includes requirements for - Duct leakage (<4cfm25 per 100 sf rough-in, <8cfm25 per 100 sf final)</p> <p>2. Do not exceed Energy Star HERS Index Target</p> <p>3. Provide load calculations, system selection, and duct sizing calculations.</p> <p>4. Install at least one of the following Energy Star appliances: - Refrigerator - Dishwasher - Clothes Washer</p> <p>5. All duct runs must be fully ducted</p>	Y		On track. Design direction is on track to achieve HERS ≤ 60 as required by the Green Home Choice Program. See attached for energy performance information.
Prereq 2	Energy Metering	<p><u>Required:</u> 1. Electric submeters in each Unit 2. Whole building gas meter or submeter in each Unit</p> <p><u>Observed:</u> Gas option intended.</p>	Y		On track. Will provide required metering.
Prereq 3	Education of Homeowner, Tenant or Building Manager	<p><u>Required:</u> 1. Provide O&M binder/CD to those responsible for maintaining Units 2. Perform 1-hr walkthrough of home with occupants and building manager</p>	Y		No action required at this time. SBP will help develop materials.
Credit 1	Annual Energy Use	<p><u>Required:</u> Achieve HERS 60 (14 pts) or better (AtCo Green Home Choice)</p> <p><u>Observed:</u> Worst case unit current projecting 8 HSA pts. Base design on track to achieve HERS < 60</p>	22	7	On track. Design direction is on track to achieve HERS ≤ 60 as required by the Green Home Choice Program. See attached for energy performance information.
Credit 3	Advanced Utility Tracking	<p><u>Option 1, Electric and Water (1 pt):</u> Meet one: - Units: permanent energy-monitoring system at 1-hr interval - Irrigation: irrigated area 1,000sf+ w/ submeter</p> <p>AND/OR</p> <p><u>Option 2, Third Party Utility Reporting (1 pt):</u> Meet one: - Share utility data with USGBC - 50% of unit owner share utility data with USGBC for 1 year</p> <p>+1 EP for metering 4 end uses (i.e. space heating, DHW, lighting, plug loads)</p>	1	1	On track. Energy benchmarking intended.
Credit 4	Active Solar Ready Design	<p><u>Option 1.</u> PV Ready (1 pt): Meet EPA's requirements for PV ready home</p> <p><u>Option 2.</u> Solar Hot Water Ready (1 pt): Meet EPA's requirements for solar hot water ready home</p>		1	Explore feasibility.



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Credit		Requirement & Comments	Yes	Maybe	Action
Credit 5	HVAC Start-up Credentialing	Use an HVAC contractor credentialed by an EPA-recognized HVAC Quality Installation Training and Oversight Organization (H-QUITO) The technician must complete the ENERGY STAR for Homes, version 3, HVAC system quality installation contractor checklist.	1		Include requirements in specifications for GC to follow.
Materials and Resources					
Prereq 1	Certified Tropical Wood	<u>Required:</u> All wood is nontropical, reused/reclaimed, FSC	Y		On track. Will select non-tropical finishes or require FSC certification.
Prereq 2	Durability Management	<u>Required:</u> Implement the following: - Nonpaper faced backer board in baths/showers/spas - Water-resistant flooring in kitchen/bath/laundry/spa - Water-resistant flooring in entry w/in 3 feet exterior door - Drain+pan, pan+auto water shut off, or FD+slope for tank water heaters and clothes washers over living space - Exhaust clothes dryers	Y		On track. Will include non-paper faced backerboard and drain pans/drains.
Credit 1	Durability Management Verification	<u>Required:</u> ENERGY STAR for Homes v3 Water Management System Checklist verified by Verification Team		1	No action required at this time. Determine before end of design.
Credit 2	Environmentally Preferable Products	Option 1, Local Production: 50% of products extracted, processed, and manufactured w/in 100 mi project site - Framing (0.5 pt) - Concrete aggregate (0.5 pt) - Drywall and interior sheathing (0.5 pt) Option 2, Environmental Preferable Products: Provide 25% reclaimed / extended producer responsibility, 25% pre and 50% post consumer, FSC, sustainable agriculture standard, 30% fly ash/slag+50% recycled aggregate/90% recycled for 90% of the following - no floor covering (2 pts) - flooring (1 pt) - insulation (1 pt) - sheathing (1 pt) - framing (1 pt) - drywall (1 pt) - concrete (1 pt) - roofing (1 pt) - siding (1 pt) - 3 of the following (1 pt): doors, cabinets, counters, interior trim, decking/patio, windows For Option 2, earn 4 points to earn another +2 EP	0.5	1	On track. Will include requirements in specifications for GC to follow.
Credit 3	Construction Waste Management	<u>Required:</u> Recycled and/or salvage nonhazardous construction and demolition materials. Calculations can be by weight or volume but must be consistent throughout. Path 1. Divert 50% and three material streams (1 pt) Path 2. Divert 75% and four material streams (2 pts)	1	1	On track. Will include requirements in specifications for GC to follow.



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Credit		Requirement & Comments	Yes	Maybe	Action
Indoor Environmental Quality					
Prereq 1	Ventilation	<p><u>Required:</u></p> <ol style="list-style-type: none"> Local exhaust <ul style="list-style-type: none"> - Meets ASHRAE 62.2-2010 Sections 5-7 for baths (50 cfm) and kitchens (100 cfm) - Exhausted to outdoors - Bath fans ENERGY STAR - Kitchen exhaust > 400 cfm as makeup air Whole Unit mechanical ventilation that meets ASHRAE 62.2-2010 Sections 4-7. Non-Unit spaces met ASHRAE 62.1-2010 Sections 4-7. Calculations must be completed using the USGBC Calculator. 	Y		On track. OA and exhaust fans will comply.
Prereq 2	Combustion Venting	<p><u>Required:</u></p> <ol style="list-style-type: none"> No unvented combustion appliances (ovens/range excl) CO monitor in each unit Fireplaces must have doors or glass enclosure, closed-combustion or power-vented or passes BPI/RESNET Combustion space and water heating must have closed combustion, or power-vented exhaust, or in detached building/open air facility 	Y		On track. Will comply and include in drawings.
Prereq 3	Garage Pollutant Protection	<p><u>Required:</u></p> <ol style="list-style-type: none"> Locate all AHU equipment and ductwork outside garage For conditioned space next to/above garage <ul style="list-style-type: none"> - Seal surfaces - Seal penetrations and connecting floors/ceilings - Weather strip doors - CO detectors in rooms that share door w/ garage - Seal penetrations and cracks <p><u>Observed:</u> Some homes will have garage.</p>	Y		On track. Will include in drawings.
Prereq 4	Radon-Resistant Construction	<p><u>Required:</u> For Zone 3, install qualifying passive radon ventilation system (parking garage is an acceptable alternative).</p> <p><u>Observed:</u> Project located in Zone 2.</p>	Y		No action required.
Prereq 5	Air Filtering	<p><u>Required:</u></p> <p>Recirculating Space Conditioning - MERV 8 filters OA Systems - MERV 6 filters</p>	Y		On track. Will comply and include in drawings.
Prereq 6	Environmental Tobacco Smoke	<p><u>Required:</u> Include signage that prohibits smoking in</p> <ul style="list-style-type: none"> - interior common areas - outside the building except in designated smoking areas within 25 feet of all entries, OA intakes, operable windows 	Y		On track. Will provide non-smoking language.
Prereq 7	Compartmentalization	<p><u>Required:</u> Meet all of the following for Units:</p> <ol style="list-style-type: none"> Seal all penetrations Weatherstrip all doors to common halls Weatherstrip all exterior door and operable windows Achieve max leakage rate of 0.23 cfm50 per sqft (if average unit size is < 1,200 sf max 0.30 cfm50 per sqft) 	Y		On track. Will include air sealing details in drawings to achieve.



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Credit		Requirement & Comments	Yes	Maybe	Action
Credit 1	Enhanced Ventilation	<p><u>Option 1</u>, Enhanced Local Exhaust (1 pt): Provide one of the following for bath exhaust fans in Units:</p> <ul style="list-style-type: none"> - occupancy sensor - automatic humidistat controller - continuous fan - timer that runs fan for 20+ min post occupancy <p>AND/OR</p> <p><u>Option 2</u>, Enhanced Whole-House Ventilation (2 pts): Provide whole-house ventilation system that meets ASHRAE 62.20-2010 Sections 4-7 in each Unit. Do not exceed requirements by more than 10%.</p> <p>Note: Exhaust only and Supply only systems not eligible.</p>	1		Explore feasibility. Will continue to discuss options.
Credit 5	Enhanced Combustion Venting	<p><u>Option 1</u>, No Fireplaces or Woodstoves (2 pts)</p> <p>OR</p> <p><u>Option 2</u>, Enhanced Combustion Venting Measures (1 pt): Meet the following:</p> <ul style="list-style-type: none"> - wood/pellet burning fireplace is power or direct vented - gas/propane/alcohol stove is approved by testing facility and is power or direct vented - gas/propane/alcohol stove has permanently fixed glass front or gasketed door and electronic pilot 	1		On track. Will meet and comply with at least one of the options.
Credit 6	Enhanced Garage Pollutant Protection	<p><u>Option 1</u>, Exhaust Fan on Controls for Garage (1 pt): Meet all of the following:</p> <ul style="list-style-type: none"> - ASHRAE 62.1-2010 garage ventilation requirements - Negative pressure created - Self-closing doors - Deck-to-deck partitions or hard lid ceiling - Continuous exhaust fan OR CO sensor activated at 35 ppm <p>OR</p> <p><u>Option 2</u>, Detached Garage or No Garage or Carport (1 pt): No garage or a detached garage has been constructed.</p>		2	Explore feasibility. Will determine whether option 1 can be implemented relative to exhaust fans.
Credit 7	Low-Emitting Products	<p><u>Required</u>: Meet requirement for at least 90% of the following components (up to 3 pts):</p> <ul style="list-style-type: none"> - Site-applied interior paints/coatings: CA 1350 (0.5 pt) - Site-applied interior adhesives/sealants: CA 1350 (0.5 pt) - Flooring: CA 1350 (0.5 pt) - Insulation: CA 1350 (0.5 pt) - Composite wood products: CARB ULEF (1 pt) 	1.5		On track. Will include requirements in specifications for GC to follow.
Innovation					
Credit 1.1	Innovation: EPDs	Select 20 materials with EPDs	1		Include requirements in specifications for GC to follow.
Credit 1.2	Innovation: Material Ingredient Reports	Select 20 materials with MIRs.	1		Include requirements in specifications for GC to follow.
Credit 1.3	Innovation: Green Power and Carbon Offsets OR Green Vehicles	Offset 50%-100% of energy use for 5 years (1 - 2 pts) Provide EV charging station spaces for 5% of parking spaces.		1	Consider offsetting 50% of energy use with RECs and carbon offsets for 5 years.
Credit 1.4	Pilot Credit: Assess and Plan for Resiliency	<p><u>Requirements</u>:</p> <ul style="list-style-type: none"> - Must complete Hazard Assessment - Must complete a Climate Related Risk Management Plan or Emergency Preparedness Plan 	1		Will complete Hazard Assessment and Climate Related Risk Management Plan for project before end of DD.



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Credit 1.5	Exemplary Performance: Community Resources or Compact Development	See credit.		1	Finalize calculations.
Credit 2	LEED Accredited Professional	1 LEED AP	1		Compliant.
Regional Priority					
Credit 1	Regional Priority	Site Selection (5 pts)	1		No action required.
Credit 2	Regional Priority	Community Resources (2 pts)	1		No action required.
Credit 3	Regional Priority	Rainwater Management, Outdoor Water Use		1	Not anticipated.
Credit 4	Regional Priority	Access to Transit (2 pts)	1		No action required.