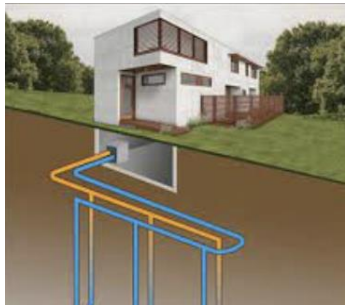
Sustainability: Greener future



OUR GREEN FEATURES LIST

CoHousing Houston

	SUSTAINABLE FEATURE, MATERIAL, or STRATEGY	Already in Scope	Can do Later	None or never	Let's Discuss	Cost	Pay back	Comments
SITE SUSTAINABILITY								
1	Infill or prior developed site	YES				N/A		
2	Close to transportation	YES				N/A		
3	Stormwater management (LIDI)	YES				0		
4	Heat Island Control					0		
5	Light Pollution Control	YES				0		Because by the time instead of conventional lighting
6	Reduce parking/cars (bicycles)	YES				0		
7	Hydrolic charging	SOME	YES	COMFORT		1	N/A	Looked for more charging later is now or pay a bit more later
WATER USE EFFICIENCY								
1	Water Smart Planting					0	N/A	No additional cost to do this. Values discussion
2	Rainwater Harvesting		SOME ALGORITHS	OVER NOW		55	N/A	Cost is low and only time for multifamilies of concrete harvesting now is later
3	Low flow plumbing fixtures					0	N/A	No additional cost to do this. Values discussion
4	Water Sense Appliances					0	N/A	No additional cost to do this. Values discussion
ENERGY EFFICIENCY								
1	Solar orientation of building(s)	80%				0		Ideally tested units (we ideal solar orientation between can be chaged
2	high R value on Roof					5	N/A	Cross design is 25% better. 2016 more could (has code minimum 2021) of above cost also
3	High R Value in walls					0	N/A	Cross design is 25% better.
4	Shading of east/west openings					55	N/A	Shade is shaded by walkway in picture. Just windows are trapped in here (wrong)
5	Energy efficient HVAC (Geothermal)	YES				100	N/A	
6	Low Wattage lighting (LED)					5	N/A	No additional cost to do this. Values discussion
7	Inside Remodeles (Kids Fanes)	SOME NOW	YES	CONSIDER NOW		100	N/A	Should install conduit for fans also now. If want solar on carports consider doing now
8	Energy Star Appliances					5	N/A	
INDOOR ENVIRONMENTAL QUALITY								
1	Pre-heat/cool outdoor make-up air	YES				0	N/A	
2	Maintain positive pressure	YES				5		
3	Humidity Control	MOSTLY				N/A		
4	Remove combustion gasses (venting)	YES				5		
5	Do not use combustion gasses in buildings					0		consider induction cooking and electric dryers. Electric water heating is better. Ex geothermal
6	Air filtration (minimum Merv 13)					5		
7	Integral door mats					0		
8	Pesticide Control	YES				55		Bees do fine. & common strong.
9	Daylighting	SOME NOW				20		
10	Reduce VOC Offgassing					5		No additional cost to do this. Values discussion
MATERIALS								
1	Dedicated recycle area					5		Dedicated collection space for basic or desirable goods
2	Use durable materials	SOME NOW				5	N/A	Use contractor/building materials
CONSTRUCTION and PLANS for OPERATION								
1	Functional performance testing					5	N/A	Recommend Cx/Cx/cx a cx/cx/cx professional in addition to CX testing
2	Building Maintenance Plan					0		Does we create one
3	Better (see, house water separately					5	N/A	Verification water consumption and we're identification of leaks
4	Use green cleaning products in common house					0		

Sustainable site: infill, close to transit, Low Impact Development, stormwater management, light and heat island control

Energy and Water efficiency: geo heat exchange HVAC, water smart landscape, solar orientation, energy star certification

Resilience, Materials, and Healthy Indoor Environment: electric appliances, renewable materials, community-wide plan for weather events, including a generator

Green habits: compost, recycling, "borrow don't buy," transit, support