

SUSTAINABILITY MEASURES

01 Sustainable Rezoning Requirements

The project will be designed to meet the City's current Green Building Policy for Rezoning. The building will be registered in the LEED program with the goal of achieving a minimum of 63 points (LEED Gold rating), including 1 water efficiency point, 1 storm water point, and a 22% reduction in energy cost as compared to ASHRAE 90.1 2010. The project will be built to obtain **LEED Gold** for Homes Mid-Rise certification.

02 Sustainable Site Design

Key points: rainwater management, solid waste/recycling and composting,

03 Sustainable Building Design

- Enhanced building envelope for increased thermal performance
- High performance window systems
- Energy efficient lighting systems
- Lighting controls to reduce usage
- Reduced DHW consumption via low-flow water conserving plumbing fixtures
- Demand-controlled ventilation in amenity rooms
- Air tightness requirements, coupled with enhanced air changes, will inhibit smoke migration and will improve the habitability of the units
- HRV (Heat Recovery Ventilator) units located in every suite provide continuous ventilation
- 60-year building life expectancy including high quality durable exterior cladding
- Irrigation minimized through drought-tolerant planting
- Energy Star rated domestic appliances
- Low exterior lighting power
- The project will undergo an energy modelling procedure to optimize systems and provide the baseline for LEED energy points

04 Social Sustainability

Diversity in housing mix enriches community identity and encourages a mixture of families that is integral to shaping a energetic neighbourhood.

05 LEED for Homes Mid-rise Project Checklist



LEED v4 for Building Design and Construction: Multifamily Midrise Project Checklist

Project Name: Mi Casa
Date: 2017-M09-27

Y	?	N			
2			Credit	Integrative Process	2
15 0 0 Location and Transportation 15					
Y			Prereq	Floodplain Avoidance	Required
PERFORMANCE PATH					
			Credit	LEED for Neighborhood Development Location	15
PRESCRIPTIVE PATH					
8			Credit	Site Selection	8
3			Credit	Compact Development	3
2			Credit	Community Resources	2
2			Credit	Access to Transit	2
2 1 0 Sustainable Sites 7					
Y			Prereq	Construction Activity Pollution Prevention	Required
Y			Prereq	No Invasive Plants	Required
			Credit	Heat Island Reduction	2
			Credit	Rainwater Management	3
1.5	0.5		Credit	Non-Toxic Pest Control	2
8 2 0 Water Efficiency 12					
Y			Prereq	Water Metering	Required
PERFORMANCE PATH					
			Credit	Total Water Use	12
PRESCRIPTIVE PATH					
4	2		Credit	Indoor Water Use	6
4			Credit	Outdoor Water Use	4
28 0 0 Energy and Atmosphere 37					
Y			Prereq	Minimum Energy Performance	Required
Y			Prereq	Energy Metering	Required
Y			Prereq	Education of the Homeowner, Tenant or Building Manager	Required
28			Credit	Annual Energy Use	30
			Credit	Efficient Hot Water Distribution	5
			Credit	Advanced Utility Tracking	2
4 3 0 Materials and Resources 9					
Y			Prereq	Certified Tropical Wood	Required
Y			Prereq	Durability Management	Required
	1		Credit	Durability Management Verification	1
3	0.5		Credit	Environmentally Preferable Products	5
1	1		Credit	Construction Waste Management	3
12 0 0 Indoor Environmental Quality 18					
Y			Prereq	Ventilation	Required
Y			Prereq	Combustion Venting	Required
Y			Prereq	Garage Pollutant Protection	Required
Y			Prereq	Radon-Resistant Construction	Required
Y			Prereq	Air Filtering	Required
Y			Prereq	Environmental Tobacco Smoke	Required
Y			Prereq	Compartmentalization	Required
3			Credit	Enhanced Ventilation	3
1			Credit	Contaminant Control	2
1			Credit	Balancing of Heating and Cooling Distribution Systems	3
			Credit	Enhanced Compartmentalization	3
2			Credit	Enhanced Combustion Venting	2
1			Credit	Enhanced Garage Pollutant Protection	1
3			Credit	Low Emitting Products	3
1			Credit	No Environmental Tobacco Smoke	1
3 0 0 Innovation 6					
Y			Prereq	Preliminary Rating	Required
3			Credit	Innovation	5
			Credit	LEED AP Homes	1
4 0 0 Regional Priority 4					
1			Credit	Regional Priority: Specific Credit	1
1			Credit	Regional Priority: Specific Credit	1
1			Credit	Regional Priority: Specific Credit	1
1			Credit	Regional Priority: Specific Credit	1
78 5 0 TOTALS Possible Points: 110					

Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110