

LAND DEVELOPMENT CODE - Section 13-320: Green Building Construction

GREEN STANDARDS

DESCRIPTION (description of use in development)

PAGE/DETAIL #

13-320(b)(1)	
LEED Accredited Professional	Paul Priore, LEED certified
Construction Pollution Prevention	Sheet PD1 on the civil engineerign plans provides for construction pollution prevention.
Construction site materials recycling	Contractor will reuse forming boards, plywood, piping as often as the product will allow
Stormwater management	A stormwater management plan has been prepared that pre-treats the runoff prior to discharge into the public stormwater system. See sheet PD1 and PD2 of the civil engineering plans.
Alternative transportation	A bus stop is located on Hillsboro Boulevard adjacent to this project. A widened concrete loading pad is being constructed, as well.
Minimizing heat island effect	The parking lots have multiple grass islands with shade trees to reduce heat concentrations in the parking lot.
Water Efficiency	
Innovative water technologies	Sensor activated fixtures and shutoff
Water efficient	TANKLESS WATER HEATERS ON DEMAND ENERGY EFFICIENT APPLIANCES, WATER SHUTOFF AND SENSOR ACTIVATED FIXTURES IN BATHROOMS AND KITCHEN
Energy Efficiency	
Minimum energy performance	OCCUPANT SENSOR SWITCHES/ DEVICES ALLOWS ENERGY EFFICIENCY WHEN OCCUPANTS ARE NOT IN OCCUPIABLE ROOMS
On-site renewable energy	optional solar panel as a renewable source
Indoor Environmental Quality	
Indoor air quality	HIGH EFFICIENCY AIR CONDITIONING, WITH PROGRAMMABLE THERMOSTAT AND VAV ZONED TO FACILITY TO PROVIDE COMFORTABLE ENVIRONMENT
Materials and Recycling	
Recycling of demolition waste	DIVERT 75% OF WATSE FROM LANDFILLS. ONSITE RECYCLING PROGRAM DURING CONSTRUCTION
Storage and collection of recyclables post occupancy	A dumpster with receycle bins is being proposed.
Building re-use	new building
Regional materials	use of existing fill on site

13-320(b)(3)	
Acknowledgement to maintain the green building components for the life of the building.	Acknowledged.

GREEN PLAN ACTION ITEMS	
ACTION ITEMS	DESCRIPTION (description of use in development)

Action 1.6 – Ensure 100% of new development projects throughout the City contain <i>conspicuous displays of green technology</i> that function in the project design while providing a social, artistic, and environmental value.	WE ARE PLANNING TO USE RECYCLED FURNITURE, SIGNAGE AND PLAYGROUND EQUIPMENT THROUGHOUT THE FACILITY
Action 2.1 – Achieve 40% tree canopy coverage throughout the City with maximum tree coverage on public and private land by 2020.	Due to the type of project that includes a large building pad, open playground, and other openareas east of the building, the total tree canopy coverage is 22%. This project does exceed the minimum tree requirements per the City's Land Development Code.
Action 2.2 – Achieve 40% greenroof coverage for new construction in MainStreet Project Area and 10% greenroof coverage for new construction for areas outside of MainStreet. (i.e. high albedo paint on roof)	ROOFS TO BE PROVIDED WITH HIGH ALBEDO PAINT ON FLAT ROOFS
Action 5.1 – Increase recycling throughout the City by 25% by 2014 and 50% by 2020.	WILL PARTICIPATE IN THE OVERALL RECYCLING PROGRAM
Action 5.3 – Require all construction and demolition debris to divert 75% of waste from landfills.	WILL PARTICIPATE AND REUSE THE EXISTING SOIL AND ROCK FROM OUR SITE

Note: All responses to this checklist are meant to reflect efforts ABOVE minimum code requirements.