



Checklist

COMMUNITY PLANNING

✓	No.	Item	Applicable Building Types	
Goal: Create a more sustainable community				
	1	Build mixed-use developments and provide public amenities such as open space	c	m
	2	Cluster development to minimize paving and utilities, and to preserve open space	c	m
	3	Reuse a brownfield or previously occupied site	c	m
	4	Design for easy pedestrian, bicycle, and transit access	c	t m

SITE & LANDSCAPE

Goal: Respect your site				
	5	Design and landscape to create comfortable micro-climates and reduce heat island effects	c	m s
	6	Optimize building orientation for heat gain, shading, daylighting, and natural ventilation	c	m s
	7	Reduce building footprint - smaller is better	c	m s
	8	Limit site impacts, balance cut and fill, preserve existing vegetation and protect soil during construction	c	m s
	9	Use native plants that are drought-resistant, create habitat for indigenous species, and do not require pesticides for maintenance	c	m s
	10	Use recycled rubble for backfill drain rock	c	m s
Goal: Save water and reduce local water impacts				
	11	Maximize onsite stormwater management through landscaping and permeable pavement	c	m s
	12	Use rainwater harvesting	c	m s
	13	Use water-conserving landscape technologies such as drip irrigation, moisture sensors, and watering zones	c	m s

WASTE REDUCTION & MANAGEMENT

Goal: Reduce, reuse, recycle				
	14	Reuse a building (renovate) instead of tearing down and rebuilding	c	t m s
	15	Deconstruct old buildings for materials reuse (salvage)	c	t m s
	16	Recycle construction & demolition waste	c	t m s
	17	Design for durability and eventual reuse	c	t m s
	18	Provide adequate space for storing and handling recyclables	c	t m s

CONCRETE

Goal: Make concrete with sustainable materials				
	19	Use flyash in concrete	c	t m s
	20	Use recycled aggregate in non-structural concrete	c	t m s
	21	Use prefabricated forms or save and reuse wood form boards	c	t m s

WOOD FRAMING

Goal: Design to save wood and labor				
	22	Use spacings, sizes, and modular dimensions that minimize lumber use and optimize performance	c	t m s
	23	Use engineered lumber or metal stud framing to replace solid-sawn lumber	c	t m s
Goal: Support sustainable forests				
	24	Use sustainably harvested lumber (FSC certified) for wood framing	c	t m s
	25	Use reclaimed or salvaged lumber	c	t m s

EXTERIOR TREATMENTS, SIDING & ROOFING

Goal: Make a sustainable roof				
	26	Use durable roofing materials	c	m s
	27	Use a cool roof	c	m
	28	Use a green or living roof	c	m s
Goal: Support healthy environments and sustainable forests				
	29	Use sustainable siding materials	c	m s
	30	Use sustainable decking materials	c	m s

WINDOWS & DOORS

Goal: Save energy through passive design				
	31	Provide shading on east, west and south windows with overhangs, awnings, or deciduous trees	c	m s
	32	Plan windows and skylights, light shelves, and window treatments to provide daylight that improves indoor environments	c	t m s
	33	Choose window sizes, frame materials, and glass coatings to optimize energy performance	c	m s
	34	Stop air leakage at doors and windows	c	m s

PLUMBING

Goal: Save water and energy in plumbing systems				
	35	Use water-conserving plumbing fixtures	c	t m s
	36	Use water-saving appliances and equipment	c	t m s
	37	Insulate hot and cold water pipes	c	t m s
	38	Use heat recovery equipment, tankless water heaters and/or on-demand hot water circulation pumps	c	t m s
	39	Pre-plumb for future graywater use for toilet flushing and landscape irrigation	c	m s
Goal: Reduce environmental impacts from materials production				
	40	Use sustainable materials for pipes	c	t m s

NAME: _____
 SITE ADDRESS: _____
 PERMIT NUMBER: _____

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KEY

c Commercial/Industrial
 t Tenant Improvement
 m Multi-family housing
 s Single-family home



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Goal: Save energy in lighting						
	41	Design lighting levels for actual use, and use task lighting to reduce general lighting levels	c	t	m	s
	42	Use energy-efficient lamps and lighting fixtures	c	t	m	s
	43	Use lighting controls that save energy such as occupancy sensors	c	t	m	s
Goal: Save energy in equipment use						
	44	Use ENERGY STAR® appliances	c	t	m	s
	45	Use a building energy management system	c	t	m	s
Goal: Save energy through passive design						
	46	Use passive solar design, thermal mass, and insulation to reduce space heating needs	c		m	s
	47	Replace air conditioning with natural ventilation and passive cooling	c		m	s
	48	Use ceiling fans for comfort cooling, and use a whole-building fan for night-time cooling	c	t	m	s
	49	Upgrade wall, floor, and ceiling insulation to exceed minimum State requirements	c		m	s
Goal: Save energy in equipment use						
	50	Use high-efficiency equipment including furnaces, boilers, fans, and pumps	c		m	s
	51	Use heat recovery equipment	c		m	s
	52	Use geothermal systems, cogeneration, or other alternatives for heating and cooling	c		m	
	53	Place ductwork in conditioned space, seal joints properly, insulate and clean prior to occupancy	c	t	m	s
	54	Zone mechanical systems for more efficient heating and cooling	c	t		
	55	Use radiant and hydronic systems for increased efficiency, health, and comfort	c	t	m	s
	56	Use equipment without ozone-depleting refrigerants		t	m	
Goal: Create healthy indoor environments						
	57	Use recycled-content, formaldehyde-free fiberglass insulation, cellulose insulation, or other green insulation products	c	t	m	s
	58	Separate ventilation for indoor pollutant sources and provide advanced filtration to improve indoor air quality	c	t	m	s
	59	Use clean and efficient alternatives to wood-burning fireplaces			m	s
Goal: Replace fossil fuel use with alternatives						
	60	Generate clean electricity onsite using solar photovoltaics	c		m	s
	61	Generate clean electricity onsite using wind turbines	c		m	s
	62	Use solar hot-water systems for domestic use and swimming or pre-plumb for it	c		m	s
	63	Use solar hot-water systems for space heating	c		m	s
	64	ZNE - Produce as much onsite renewable energy as building consumes annually	c		m	s
Goal: Create healthy indoor environments						
	65	Use low- or no-VOC, formaldehyde-free paints, stains, and adhesives	c	t	m	s
	66	Use low- or no-VOC carpets, furniture, particleboard, and cabinetry	c	t	m	s
	67	Use exposed concrete as a finished floor	c	t	m	s
	68	Use natural materials such as wool and sisal for carpets and wallcoverings	c	t	m	s
	69	Use sustainable materials for flooring, trim, and interior surfaces	c	t	m	s
Goal: Support the market for recycled materials						
	70	Use recycled-content floor tile, carpets and pads, cabinets, and countertops	c	t	m	s
Goal: Support sustainable forests						
	71	Use reclaimed / salvaged, sustainably harvested (FSC certified), or engineered wood for flooring and trim, or use wood alternatives such as bamboo and cork	c	t	m	s
Goal: Use creativity and innovation to build more sustainable environments						
	72	Use insulated concrete forms	c		m	s
	73	Use structural insulated panels to replace wood-framed walls	c	t	m	s
	74	Use natural building materials and techniques	c		m	s
	75	Other sustainable methods or materials used. <i>Please describe:</i>	c	t	m	s

ELECTRICAL

HEATING & COOLING

RENEWABLE POWER & SOLAR ENERGY

INTERIOR MATERIALS

OTHER GREEN ALTERNATIVES

Applicant Signature: _____