

MULBERRY GROVE GREEN BUILDING PROGRAM POINTS WORKSHEET

Name(s):				Date Submitted:	
Lot #:		Phone:		E-mail:	
Circle One:	Initial Construction	Addition	Remodel		

1. Fill out all of the information above:
 - a. Determine the square footage of your project and check the "Project" box below. If your project is a duplex, each half of the duplex shall be counted separately and each will require its own GBP paper work and points.
 - b. Enter the actual square footage of your project in the appropriate box below.
2. Fill out all of the appropriate information below:
 - a. Write the appropriate number in the points achieved column for each section chosen for your project.
 - b. Add up and write your total number of points achieved at the bottom of this worksheet. This number must be the same or greater than the number of points needed, which is cited below, for the square footage your project.

Project (Check)	Square Footage	Actual SF of Project	Points Needed
	up to:		
	500		45
	600		48
	700		51
	800		54
	900		57
	1000		60
	1100		63
	1200		66
	1300		69
	1400		72
	1500		74
	1600		76
	1700		78
	1800		80
	1900		82
	2000		86
	2000+	1 point per 100 sf >2000 sf	

1 ~ Construction • Demolition • Use of Recycled Materials			
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Section	Method	Points	
		Available	Achieved
1.1	Local Designers & Builders	5	
1.2	Construction Debris Recycled:		
	-75% of all clean wood waste	1	
	-100% metal scrap	1	
	-90% cardboard generated at site	1	
	-75% unused materials donated (doors, windows, wood)	1	

1.3	Reclaimed Lumber -1 point for each 10% substituted for virgin lumber	up to 10	
1.4	Recycled Content Carpeting	2	
1.5	Recycled Plastic Deck Materials	2	
1.6	Recycled Content Sheathing	2	
1.7	Recycled Content Fiber Cement/ FSC Certified Siding	2	
1.8	Recycled Content Roof Covering Material	5	
1.9	Recycled Content Insulation		
	-Recycled insulation in walls	2	
	-Recycled insulation in ceilings	2	
1.10	Concrete with reduced portland cement content		
	➔ - Reduced portland cement in non-finish assemblies	2	
	- Reduced portland cement in finish assemblies	2	
1.11	Utilize an approach not listed	TBD	

Point Totals: 40

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2 ~ Sitework • Landscaping

Section	Method	Points	
		Available	Achieved
2.1	Xeriscape Landscaping		
	➔75% non-edible landscaping is drought/native	2	
	-final 25% non-edible landscaping is drought/native	1	
2.2	Edible Landscaping	2	
2.3	➔Drip Irrigation	2	
2.4	Additional Water Conservation		
	-1 point for each additional 10,000 gal. water harvested	up to 3	
	- Install and comission ET irrigation controller	2	
	- High distribution uniformity sprinkler design and components	1	
2.5	Outdoor Living Space	2	
2.6	Convenient Bicycle Storage	2	
2.7	Outdoor Lighting		
	➔-All outdoor lighting is full cutoff; ≤ 2000 lumen for paths & doors	1	
	-Install bulbs with an efficacy of at least 44 lumens...	1	
	-Install motion sensors	1	
2.9	Utilize an approach not listed	TBD	

Point Totals: 20

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3 ~ Building Structure • Insulation

Section	Method	Points	
		Available	Achieved
3.1	Alternative Materials	up to 16	
	-Exterior walls are natural, unprocessed materials	4	
	-Exterior wall base plaster is earth	4	
	-Structural walls	4	
	-Interior walls are natural, unprocessed materials	4	
3.2	➔Incorporate OVE Framing Techniques (if applicable)	3	
3.3	FSC Lumber/ OSB In Sub-floors/ Roof decking		
	-Subfloors	1	
	-Roof decking	1	
3.4	FSC Certified Sustainably Harvested Lumber	up to 10	
	-1 point for each 10%		
3.5	Large Solid Sawn Lumber Minimized	up to 3	
3.6	SIP's Used for Exterior Walls & Roofs	up to 8	
3.7	Comprehensive Air Sealing		
	-Low infiltration windows and doors	up to 2	

	-Continuous air barrier designed and specified	2	
	-Performance verified post-construction	4	
3.8	➡ Frost Protected Shallow Foundation (if applicable to design)	3	
3.9	Utilize an approach not listed	TBD	
Point Totals:		53	
4 ~ Plumbing			
Section	Method	Points	
		Available	Achieved
4.1	Tankless Hot Water Heater	3	
4.2	"On demand" Hot Water Switch	1	
4.3	Domestic Hot Water Pipe Insulation	1	
4.4	Low Flow Fixtures	1	
4.5	Utilize an approach not listed	TBD	
Point Totals:		6	
5 ~ Electrical			
Section	Method	Points	
		Available	Achieved
5.1	➡ Energy Efficient Appliances	up to 5	
	-Freezer	1	
	-Dishwasher	1	
	-Washing machine	1	
	-Refrigerator	1	
	-Refrigerator in top 20% of Energy Star rating (optional)	1	
5.2	Clothesline	2	
5.3	Energy Efficient Lighting	2	
5.4	Utilize an approach not listed	TBD	
Point Totals:		9	
6 ~ Building Envelope			
Section	Method	Points	
		Available	Achieved
6.1	➡ Mulberry Grove Energy Efficiency Standard	unlimited	
Point Totals:		unlimited	
7 ~ Heating • Ventilation • Air Conditioning			
Section	Method	Points	
		Available	Achieved
7.1	➡ Passive Cooling	2	
7.2	Attic Cooling	1	
7.3	Evaporative Cooler	5	
7.4	Energy Recovery Ventilation	8	
7.5	Air Destratification System	1	
7.6	Biofuels	1	
7.7	➡ Active Heating / Cooling	2	
7.8	Utilize an approach not listed	TBD	
Point Totals:		21	
8 ~ Solar			
Section	Method	Points	
		Available	Achieved
8.1	Solar Hot Water Heating System	10	
8.2	➡ Passive Solar Space Heating	up to 15	
	-20% solar heating	3	
	-30% solar heating	6	
	-40% solar heating	9	

	-50% solar heating	12	
	-60% or greater solar heating	15	
8.3	➡ Active Solar Pre-Plumbing	2	
8.4	Active Solar Space Heating	up to 16	
	-30% solar heating	4	
	-40% solar heating	8	
	-50% solar heating	12	
	-60% or greater solar heating	16	
8.5	Solar Generated Electricity	up to 16	
	-30% solar electricity	4	
	-40% solar electricity	8	
	-50% solar electricity	12	
	-60% or greater solar electricity	16	
8.6	Utilize an approach not listed	TBD	
Point Totals:		59	

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9 ~ Indoor Air & Environmental Quality

Section	Method	Points	
		Available	Achieved
9.1	High Efficiency Particulate Air (HEPA) Filter on Furnace	2	
9.2	Sealed Combustion Gas Furnace/Boiler & Water Heater	up to 4	
	-Gas furnace/boiler	2	
	-Water heater	2	
9.3	Low Volatile Organic Compound (VOC) Interior Paint	1	
9.4	Low Solvent Construction Adhesives	1	
9.5	Low-Toxic, Water Based Wood & Floor Finishes	1	
9.6	All Exposed Particle Board & MDF Sealed	1	
9.7	Alternative No-Formaldehyde Products	3	
9.8	➡ Day Lighting & Passive Ventilation	4	
9.9	Utilize an approach not listed	TBD	
Point Totals:		17	

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10 ~ Sustainably Harvested Natural Materials

Section	Method	Points	
		Available	Achieved
10.1	Natural & Sustainably Harvested Flooring	up to 2	
	-1 point for each 50% of flooring installed		
10.2	Adobe Flooring	up to 5	
	-1 point for every 20% installed		
10.3	Natural & Sustainably Harvested Interior/ Exterior Finishes	up to 4	
	- Exterior lime plaster	1	
	- Exterior store bought earth plaster/paint	1	
	-Exterior locally harvested earth plaster/paint	2	
	-Interior lime plaster	1	
	-Interior gypsum plaster	1	
	-Interior store bought earth plaster/paint	1	
	-Interior locally harvested earth plaster paint	2	
10.4	Utilize an approach not listed	TBD	
Point Totals:		11	

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Total Points Achieved:		n/a	0
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