

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 | | | |
|---|----------------------------------|-----------|----------|
| Section | Method | Points | |
| | | Available | Achieved |
| 1.1 | Local Designers & Builders | 5 | |
| 1.2 | Construction Debris Recycled: | up to 4 | |
| | -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 | up to 10 | |
| | -1 point for each 10% substituted for virgin lumber | | |
| 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 | up to 4 | |
| | -Recycled insulation in walls | 2 | |
| | -Recycled insulation in ceilings | 2 | |
| 1.10 | Concrete with Fly Ash | 2 | |
| 1.11 | Utilize an approach not listed | TBD | |

Point Totals: 38

2 ~ Sitework • Landscaping

| Section | Method | Points | |
|---------|--|-----------|----------|
| | | Available | Achieved |
| 2.1 | ➡ Xeriscape Landscaping | up to 3 | |
| | -100% non-edible landscaping is drought/native | 3 | |
| | -75% non-edible landscaping is drought/native | 2 | |
| 2.2 | Edible Landscaping | 2 | |
| 2.3 | ➡ Drip Irrigation | up to 3 | |
| | -Install drip irrigation for 80% or more of planted area | 2 | |
| | -Install evapotranspiration (ET) irrigation controller | 1 | |
| 2.4 | Additional Water Conservation | up to 6 | |
| | -1 point for each additional 10,000 gal. water saved | | |
| 2.5 | Outdoor Living Space | 2 | |
| 2.6 | Convenient Bicycle Storage | 2 | |
| 2.7 | Outdoor Lighting | up to 3 | |
| | -Install a maximum of 3500 lumens | 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: 21

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 | 3 | |
| 3.3 | FSC Lumber/ OSB In Sub-floors/ Roof decking | up to 2 | |
| | -Subfloors | 1 | |
| | -Roof decking | 1 | |
| 3.4 | FSC Certified Sustainably Harvested Lumber | up to 10 | |
| | -1 point for each 10% | | |
| 3.5 | Engineered Lumber Used in Structural Framing | 4 | |
| 3.6 | SIP's Used for Exterior Walls & Roofs | 8 | |
| 3.7 | Wet Spray Insulation in Walls/Ceiling | up to 4 | |

| | -Walls | 2 | |
|---|--|-----------|----------|
| | -Ceilings | 2 | |
| 3.8 | ▶ Frost Protected Shallow Foundation | 3 | |
| 3.9 | Utilize an approach not listed | TBD | |
| Point Totals: | | 50 | |
| 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 10% of Energy Star rating | 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 | Radiant Floor Heat | 3 | |
| 7.4 | Energy Recovery Ventilation | 8 | |
| 7.5 | Air De-stratification System | 1 | |
| 7.6 | Biofuels | 1 | |
| 7.7 | Active Heating | 2 | |
| 7.8 | Utilize an approach not listed | TBD | |
| Point Totals: | | 18 | |
| 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: | | 57 | |

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 | 2 | |
| 9.5 | Low-Toxic, Water Based Wood & Floor Finishes | 2 | |
| 9.6 | All Exposed Particle Board & MDF Sealed | 2 | |
| 9.7 | Alternative No-Formaldehyde Products | 3 | |
| 9.8 | ▶ Day Lighting | 4 | |
| 9.9 | Utilize an approach not listed | TBD | |
| Point Totals: | | 25 | |

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 8 | |
| | -1 point for every 12% 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: | | 14 | |

Total Points Achieved: n/a 0

