



JACKSON COUNTY, MISSOURI GREEN BUILD POINTS CALCULATION SHEET

Builder/Owner Name: _____

Address of Builder/Owner: _____

Phone# _____ E-mail _____

Address of Site to be Certified: _____

GREEN	SILVER	GOLD	PLATINUM
50+ points	70+ points	125+ points	180+ points
15% Rebate	25% Rebate	35% Rebate	50% Rebate

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
A. Site			
1. Recycle job site construction & demolition waste 50% recycling rate is required: 65%=1 point; 75%=2 pts; 80%=4 pts <i>Documentation required: receipt from recycling facility; amount of recycled vs. waste material in lbs., etc.</i>			
2. Donate unused materials <i>Documentation required: itemized receipt from recognized donation center.</i>			
3. Protect native soil			
4. Minimize disruption of existing plants and trees			
5. Implement construction site stormwater practices			
6. Protect water quality with landscape design			
7. Design resource-efficient landscapes			
8. Reuse materials/use recycled content materials for landscape			
9. Install high-efficiency irrigation systems			
10. Provide for on-site water catchment/retention			
TOTAL POINTS ACHIEVED			

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
B. Foundation			
1. Incorporate recycled flyash in concrete 15% recycled flyash=2 pts; add 1 pt for every 10% increase, up to 5 pts <i>Documentation of flyash purchase and usage required.</i>			
2. Reuse form boards			
3. Use aluminum forms			
4. Use recycled content aggregate			
5. Insulate foundation/slab before backfill			
6. Install rigid foam, insulated concrete forms (ICF)			
TOTAL POINTS ACHIEVED			
C. Structural Frame			
1. Substitute solid sawn lumber with engineered lumber a. Floors b. Headers (non structural) c. Structural beams and headers			
2. Use FSC certified wood for framing (for every 10% of FSC lumber used = 2 points, up to 10) - <i>documentation required</i>			
3. Use wood I-joists for floors and ceilings			
4. Use steel interior web trusses			
5. Design energy heels on trusses			
6. Use OSB a. Subfloors b. Sheathing			
7. Use finger-jointed studs for non structural vertical applications			
8. Use engineered studs for vertical applications			
9. Use recycled content steel studs for interior framing			
10. Use structural insulated panels (SIPs) a. Floors b. Walls c. Roof			
11. Apply advanced framing techniques			
12. Use reclaimed lumber for non-structural applications			
TOTAL POINTS ACHIEVED			

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
D. Exterior Finish			
1. Use sustainable decking materials a. Recycled content b. FSC certified wood— <i>documentation required</i>			
2. Use non-CCA treated wood— <i>documentation required</i>			
3. Install house wrap under siding			
4. Use alternative siding materials a. Recycled content b. Fiber-cement			
TOTAL POINTS ACHIEVED			
E. Plumbing			
1. Insulate all hot water pipes			
2. Install flow reducers a. Faucets (1 pt each, up to 2 points) b. Showerheads (1 pt each, up to 2 pts)			
3. Install ultra-low flush toilets (1 pt each, up to 4 pts)			
4. Install chlorine filter on showerhead			
5. Install tankless water heater			
6. Pre-plumb for graywater conversion (check Jackson County code)			
7. Install water filtration units at drinking water faucets (2 pts each, up to 4 points)			
8. Install on-demand hot water circulation pump			
TOTAL POINTS ACHIEVED			
F. Electrical			
1. Install compact fluorescent bulbs—CFL's (6 bulbs=2 pts; 12=4 pts; up to 4 pts)			
2. Install air-tight, insulation-compatible recessed fixtures for CFL's (1 point each, up to 5 pts)			
3. Install lighting controls (1 pt per fixture, up to 4 pts)			
4. Install high efficiency ceiling fans with CFLs (1 pt each, up to 4 pts)			
TOTAL POINTS ACHIEVED			

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
G. Appliances			
1. Install Energy Star dishwasher			
2. Install horizontal axis washing machine			
3. Install Energy Star refrigerator			
4. Install built-in recycling center			
TOTAL POINTS ACHIEVED			
H. Insulation			
1. Upgrade insulation to exceed Title 24 requirements a. Walls b. Ceilings			
2. Install recycled content, formaldehyde-free fiberglass insulation <i>Documentation required</i>			
3. Use advanced infiltration reduction practices			
4. Use cellulose insulation a. Walls b. Ceilings			
TOTAL POINTS ACHIEVED			
I. Windows			
1. Install energy-efficient windows a. Double-paned b. Triple-paned b. Low-emissivity (Low-E) - <i>documentation required</i> c. Low conductivity frames			
TOTAL POINTS ACHIEVED			
J. Heating, Ventilation and Air Conditioning (HVAC)			
1. Use duct mastic on all duct joints			
2. Install ductwork within conditioned space			
3. Vent range hood to the outside			
4. Clean all ducts before occupancy			
5. Install attic ventilation system			
6. Install whole house fan			

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
HVAC Continued...			
7. Install sealed combustion units a. Furnaces b. Water heaters			
8. Install 14 SEER/11 EER or higher AC with a TXV <i>Documentation required.</i>			
9. Install AC with non-HCFC refrigerants			
10. Install 90% annual fuel utilization efficiency (AFUE) furnace			
11. Eliminate wood burning fireplaces			
12. Install zoned, hydronic radiant heating			
13. Install heat recovery ventilation unit (HRV)			
14. Install high efficiency particulate air (HEPA) filter			
15. Install separate garage exhaust fan			
TOTAL POINTS ACHIEVED			
K. Renewable Energy and Roofing			
1. Pre-plumb for solar water heating			
2. Install solar water heating system			
3. Pre-wire for future photovoltaic (PV) installation			
4. Install PV panels (1.2kw=6 pts; 2.4kw=12 pts; 3.6kw=18 pts)			
5. Install solar (PV) walkway lights			
6. Install radiant barrier roof sheathing			
7. Install 20-year roofing <i>Documentation required</i>			
TOTAL POINTS ACHIEVED			
L. Natural Heating and Cooling			
1. Incorporate passive solar heating			
2. Install overhangs or awnings on south facing windows (24 inch min.)			
3. Plant deciduous trees on the east, west and south sides			
TOTAL POINTS ACHIEVED			

POINTS PER CATEGORY	Resources	Energy	IAQ/Health
M. Indoor Air Quality and Finishes			
1. Install whole house vacuum system			
2. Use low/no VOC paint <i>Documentation required.</i>			
3. Use low VOC, water-based wood finishes <i>Documentation required.</i>			
4. Use solvent-free adhesives <i>Documentation required.</i>			
5. Substitute particleboard with formaldehyde-free materials <i>Documentation required.</i>			
6. Use exterior grade plywood for interior uses <i>Documentation required.</i>			
7. Use formaldehyde-free MDF and materials <i>Documentation required.</i>			
8. Seal all exposed particleboard or MDF			
9. Use FSC certified wood for interior finish <i>Documentation required.</i>			
10. Use finger-jointed or recycled content trim			
TOTAL POINTS ACHIEVED			
N. Flooring			
1. Select FSC certified wood flooring <i>Documentation required.</i>			
2. Use rapidly renewable flooring materials			
3. Use recycled content ceramic tiles <i>Documentation required.</i>			
4. Install natural linoleum or cork in place of vinyl			
5. Use exposed concrete as finished floor			
6. Install recycled content carpet with low VOCs <i>Documentation required.</i>			
TOTAL POINTS ACHIEVED			
OTHER			
1. Incorporate listing of green features into cover of blueprints			
2. Develop homeowner manual of green feature/benefits			
3. Offer coupons for compost bins to homeowners			

MINIMUM OF 50 TOTAL POINTS				
	Resources	Energy	IAQ/Health	Total
TOTAL points available	132	133	66	331
Points REQUIRED from each category	10	10	10	30
POINTS ACHIEVED IN EACH CATEGORY				

*Project must acquire a minimum of 50 points. 10 points must be acquired for each category. Additional 20 points can be acquired by incorporating any green features listed to reach a total (minimum) of 50 points for GREEN certification.