

County of San Bernardino
GREEN BUILDING BASICS CHECKLIST
 (This document must remain attached to the approved plans.)



POINTS

A. SITE

- 1. Provide a recycle plan approved by the County Solid Waste Management Division 10
- 2. Provide approved landscape and Low Impact Development plan from the County Planning Division. 10

Site Subtotal: _____

B. FOUNDATION

- 1. Insulate foundation/slab or basement wall before backfill (minimum R4) 4
- 2. Use recycled concrete for backfill and French drain. 2
- 3. Use flyash or blast furnace slag in concrete mix. 2

Foundation Subtotal: _____

C. STRUCTURAL FRAME

- 1. Substitute solid sawn lumber with engineered lumber. 3
- 2. Use Forest Stewardship Council (FSC) certified wood for framing. 5
- 3. Design energy heels on trusses 10" or more. 4
- 4. Use recycled content steel studs for interior framing. 2
- 5. Use structural insulated panels (SIPs). 5
- 6. Use insulated concrete forms (ICFs). 5
- 7. Use advance system framing techniques. 2
- 8. Innovative stick framing to reduce thermal bridging, by methods such as double wall framing and horizontal wall furring. 5
- 9. Use insulated exterior sheathing under exterior wall covering. 4
- 10. Reuse building materials for non structural uses. 3

Structural Frame Subtotal: _____

D. PLUMBING

- 1. Install gas fueled tankless water heater 4
- 2. Install on-demand hot water delivery system at farthest location from water heater. 4
- 3. Install water heater inside conditioned space. 3
- 4. Insulate the full length of all hot water pipes. 2
- 5. Pre-plumb solar water heating. 2
- 6. Install solar water heating system. 6
- 7. Install rainwater harvest system for landscaping. 3
- 8. Pre-plumb for graywater system. 6

Plumbing Subtotal: _____

POINTS

E. ELECTRICAL

- 1. Use solar powered outdoor area lighting. 3
- 2. Use LED lighting. 3
- 3. Use natural lighting (lighting tubes/skylights). 3
- 4. Off grid renewable energy electrical source 6

Electrical Subtotal: _____

F. APPLIANCES

- 1. Install Energy Star appliances.
 - a. Range 2
 - b. Dishwasher 2
 - c. Clothes Washer 2
 - d. Dryer 2
 - e. Refrigerator 2

Appliance Subtotal: _____

G. INSULATION

- 1. Upgrade wall/ceiling insulation to exceed Title 24. 3
- 2. Install recycled content, fiberglass insulation with no formaldehyde. 2
- 3. Use advanced infiltration reduction practices. 3
- 4. Use cellulose insulation. 3
- 5. Alternative insulation products (cotton, spray foam). 3
- 6. H.E.R.S. verified insulation inspection. 3

Insulation Subtotal: _____

H. EXTERIOR FINISH

- 1. Use sustainable recycled content decking materials. 3
- 2. Use fiber cement siding materials. 3
- 3. Use treated wood that does not contain chromium/arsenic. 3
- 4. Use low/no – voc paint, adhesives, water-based wood finishes. 2

Exterior Subtotal: _____

POINTS

I. INTERIOR FINISH

- 1. Use low/no – voc paint, adhesives, water-based wood finishes. 2
- 2. Use 10% min. salvage materials for interior finishes. 3

Interior Finish Subtotal: _____

J. ENERGY

- 1. Exceed requirements by 15%. 5
- 2. Exceed requirements by 30%. 10

Energy Subtotal: _____

K. RENEWABLE ENERGY

- 1. Pre-install conduit for future renewable energy installation. 2
- 2. Install photovoltaic system (points per Kw). 2 points per KW _____KW _____ Total
- 3. Enroll the residence in the local utility’s electricity program for renewable electricity sources. 1
- 4. Install non-solar renewable power systems. 3 Per KW

Renewable Energy Subtotal: _____

L. NATURAL HEATING AND COOLING

- 1. Incorporate passive solar heating (uncovered interior thermal mass in full sun of south facing glazing). 3
- 2. Install optimized height and projection of eave overhangs or awnings over south facing windows. 2
- 3. Incorporate passive cooling measures such as earth cooling tubes or earth berm walls. 6
- 4. Incorporate ground source heat pump. 3
- 5. Install solar attic fan with high and low vents or whole house fan. 2

Natural Heating and Cooling Subtotal: _____

Minimum 85 points required for green building incentives.

TOTAL POINTS: _____