



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

1

## Initial Considerations

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### 1A = Assembling the Design Team

- ☐ Do you want to work with professionals who have already established a track record in the sustainable residential building arena?

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- ☐ Are you willing to work with professionals who are making the transition to sustainable residential building practices?

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- ☐ Do you already have a relationship with a team of professionals with whom you want to work, but who will have to be convinced (or educated) to use sustainable building practices and techniques?

☐

**YES**

☐

**NO**

- ☐ Have you contacted your local zoning commission and building inspection department to determine what is and is not allowable at your building site?

☐

**YES**

☐

**NO**

- ☐ Is your local zoning or building departments familiar with or have a green building program?

☐

**YES**

☐

**NO**

COMMENTS:

### 1B = Developing a Budget

- ☐ Have you incorporated unconventional attributes into your budgeting process:

☐

**YES**

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**NO**

- ☐ Trade-offs,  
☐ Lifecycle Costs/Benefits,  
☐ Avoided Health Issues, and  
☐ Environmental Preservation?

COMMENTS:



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## Initial Considerations (con't)

### 1C = Designing a Building to be Durable

- ☐ Is durability a concern to you? ☐ M ☐ D ☐ O ☐ U ☐ N
- ☐ How long do you intend the building to last
- ☐ Five years? ☐ 50 years?
- ☐ Ten years? ☐ 75 years?
- ☐ 20 years? ☐ 100 years or longer?
- ☐ Is it your desire to pass this building along to future generations? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 1D = Deconstruction of Existing Building or Planned Deconstruction of New Buildings

- ☐ If you have a residential or commercial building that has come to the end of its life cycle, what will happen to that building's components and materials? ☐ M ☐ D ☐ O ☐ U ☐ N
- ☐ Will you (or a future owner) be able to recycle or reuse/donate the building's components at the end of its life cycle so they won't contribute to landfill problems? ☐ M ☐ D ☐ O ☐ U ☐ N
- ☐ Will there be products that could be considered toxic waste involved in the building that will require special treatment? ☐ YES ☐ NO
- ☐ Can the toxic products involved in the building be replaced with versions that are not so toxic or are safe or inert? ☐ YES ☐ NO
- ☐ Do you feel that these things are important for you to consider? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



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1

## Initial Considerations (con't)

### *1E = Local Sourcing of Building Materials and Components*

- ☐ How far away are you willing to go to get the materials to construct your new building?

\_\_\_\_\_

\_\_\_\_\_

- ☐ Are you willing to have a percentage of your materials be local and some not local?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

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### *1F = Financing Options and Programs*

- ☐ Does the lender you are considering make special financing programs available, such as Energy Efficient Mortgages or Green Mortgages?

☐ YES ☐ NO

- ☐ Are you willing to look for a lender who offers special financing if your local bank or other lender does not?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

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2

## Building Site

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### 2A = Lot vs. Acreage vs. Infill

- ☐ Does your lifestyle and financial situation lend itself to your choice of building site?

☐

YES

☐

NO

COMMENTS:

### 2B = Proximity to Services

- ☐ Have you considered proximity in the choice of your building site:

☐

YES

☐

NO

- ☐ Public Services?

- ☐ Shopping?

- ☐ Green Spaces, Parks?

- ☐ Schools?

COMMENTS:

### 2C = Covenants, Zoning, Land and Mineral Rights, Previous Use and Restrictions

- ☐ Do zoning or other restrictions apply to your building site?

☐

YES

☐

NO

- ☐ Are there covenants or restrictions on using solar power?

☐

YES

☐

NO

- ☐ What was previously located on your building site?

COMMENTS:



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## 2 Building Site (con't)

### 2D = Access to Roads and Mass Transportation

- |  |                          |            |                          |           |
|--|--------------------------|------------|--------------------------|-----------|
| <input type="checkbox"/> Have you included parking, access to roads and/or mass transportation in the choice of your building site?  | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Is there adequate road maintenance in and around your building site?  | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Is the potential commute within the range of your alternative fuel vehicle?                                 | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Does the community budget to properly maintain bridges, sidewalks, etc.                                     | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Do the roads delineate space for bicycles or are there bicycle trails available?                            | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Are there adequate sidewalks so that adult pedestrians and children have a place to walk away from traffic? | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |
| <input type="checkbox"/> Are there safe crosswalks or overhead walkways for use to cross busy streets?                               | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |

COMMENTS:

### 2E = Access to Utilities

- |   |                          |          |                          |          |                          |          |                          |          |                          |          |
|---|--------------------------|----------|--------------------------|----------|--------------------------|----------|--------------------------|----------|--------------------------|----------|
| <input type="checkbox"/> Have you included access to utilities in the choice of your building site: | <input type="checkbox"/> | <b>M</b> | <input type="checkbox"/> | <b>D</b> | <input type="checkbox"/> | <b>O</b> | <input type="checkbox"/> | <b>U</b> | <input type="checkbox"/> | <b>N</b> |
| <input type="checkbox"/> Sewer?   | <input type="checkbox"/> |          |                          |          |                          |          |                          |          |                          |          |
| <input type="checkbox"/> Electricity?   | <input type="checkbox"/> |          |                          |          |                          |          |                          |          |                          |          |
| <input type="checkbox"/> Public Water?  | <input type="checkbox"/> |          |                          |          |                          |          |                          |          |                          |          |
| <input type="checkbox"/> Natural Gas or Propane?  | <input type="checkbox"/> |          |                          |          |                          |          |                          |          |                          |          |

#### SEWER

- |   |                          |            |                          |           |                          |          |                          |          |                          |          |
|---|--------------------------|------------|--------------------------|-----------|--------------------------|----------|--------------------------|----------|--------------------------|----------|
| <input type="checkbox"/> Are you required to be hooked up to a public sewer system?         | <input type="checkbox"/> | <b>YES</b> | <input type="checkbox"/> | <b>NO</b> |                          |          |                          |          |                          |          |
| <input type="checkbox"/> Is a septic system possible and desirable in your chosen location? | <input type="checkbox"/> | <b>M</b>   | <input type="checkbox"/> | <b>D</b>  | <input type="checkbox"/> | <b>O</b> | <input type="checkbox"/> | <b>U</b> | <input type="checkbox"/> | <b>N</b> |



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## 2 Building Site (con't)

### 2E = Access to Utilities (con't)

- ☐ Are you interested in pursuing environmental sewage treatment options?

☐ M ☐ D ☐ O ☐ U ☐ N

#### WATER

- ☐ Do you have access to a public water supply?

☐ YES ☐ NO

- ☐ Would a well be a viable option at your site?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Is there a water delivery service available?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Do you have room for a water tank?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Above ground

- ☐ Below ground?

#### ELECTRICITY

- ☐ Do you have solar access for a PV system?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Do you have access to grid-provided electricity?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Is net metering an option with your electricity provider?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Is there adequate wind for a microturbine?

☐ M ☐ D ☐ O ☐ U ☐ N

#### NATURAL GAS OR PROPANE

- ☐ Do you have access to natural gas lines?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Are there covenants or zoning restrictions for the propane storage tank?

☐ YES ☐ NO

- ☐ Will you have room for the tank?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ In inclement weather will it be difficult or impossible to get the propane tank refilled?

☐ YES ☐ NO



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## 2 Building Site (con't)

### 2F = Land Characteristics

- ☐ Are you looking for:
- |   |  |
|---|--|
| <input type="checkbox"/> A flat building site?                                | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> A great view from a plateau or hillside or mountain? | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Seclusion in a treed area?                           | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Location in an exclusive neighborhood?               | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Location in an historic neighborhood?                | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Location in a small town?                            | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Location downtown?                                   | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Location in a reclaimed infill community?            | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
- ☐ Have you included land characteristics and natural features in the choice of your building site?
- ☐ On your site, does water flow
- |   |  |
|---|--|
| <input type="checkbox"/> Toward the building location?    | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <input type="checkbox"/> Away from the building location? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
- ☐ How will your construction affect or change the water run off onto a neighbor's property?
- ☐ What are the wind patterns for the various seasons or is there a lack of wind?
- ☐ Is the ground rocky?
- ☐ Does it have good soil?
- ☐ How deep is bedrock?
- ☐ Where is the best view?
- ☐ Do you want to limit the windows on the afternoon side of the building to help reduce the air conditioning load?
- |  |
|--|
| <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
|--|



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## 2 Building Site (con't)

### 2F = Land Characteristics (con't)

- |   |  |
|---|--|
| <input type="checkbox"/> Are you restricted as to where you may place your structure? | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <hr/>   |  |
| <input type="checkbox"/> Is there likely to be:                                       |  |
| <input type="checkbox"/> Flooding?  | <input type="checkbox"/> Hurricanes?   |
| <input type="checkbox"/> Fire?  | <input type="checkbox"/> Exposure to other   |
| <input type="checkbox"/> Earthquakes?   | weather related  |
| <input type="checkbox"/> Mud-slides?  | disasters?   |
|   | <hr/>  |

COMMENTS:

### 2G = Solar Access

- |  |  |
|--|--|
| <input type="checkbox"/> Have you taken solar access into your choice of building site?  | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |
| <hr/>  |  |
| <input type="checkbox"/> Does your building site have a clear view of the sun throughout the day?  | <input type="checkbox"/> YES <input type="checkbox"/> NO   |
| <input type="checkbox"/> Is it shaded most of the time by other buildings or trees? (Are the buildings or trees on yours or someone else's property)?                          | <input type="checkbox"/> YES <input type="checkbox"/> NO   |
| <hr/>  |  |
| <input type="checkbox"/> What percentage of the day will you have sunlight on your structure?  |  |
| <hr/>  |  |
| <input type="checkbox"/> Are there restrictions in the community that will assure that your solar access is not impeded by your neighbors and their future construction plans? | <input type="checkbox"/> YES <input type="checkbox"/> NO   |
| <hr/>  |  |
| <input type="checkbox"/> Will you be impeding your neighbor's access to solar energy?  | <input type="checkbox"/> YES <input type="checkbox"/> NO   |

COMMENTS:





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## 2 Building Site (con't)

### 2H = Natural Features

- |  |                          |     |                          |    |                          |   |                          |   |                          |   |
|--|--------------------------|-----|--------------------------|----|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Does your building site have:   | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Woods?  | <input type="checkbox"/> |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Stream/river?   | <input type="checkbox"/> |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Lake/pond?  | <input type="checkbox"/> |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Underground spring?   | <input type="checkbox"/> |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Can you (or do you want to) incorporate any of these in a positive way into the layout of your building site?                                       | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Can you locate your building where the water will run away from it naturally, such as a natural high spot or swale, or on a slope?                  | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> If there is a spring-fed river or stream nearby would you be able to install a small hydro-electric system to provide electricity to your building? | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Does your building site have a significant wind resource?   | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Is your site already a home to other species or a migratory path?   | <input type="checkbox"/> |     |                          |    |                          |   |                          |   |                          |   |
|  | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |

COMMENTS:

### 2I = Waste Management, Reduce/Reuse/Recycle

#### WASTE MANAGEMENT

- |  |                          |   |                          |   |                          |   |                          |   |                          |   |
|--|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Will you have to remove natural obstacles to build your home? | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Rocks?  | <input type="checkbox"/> |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Trees?  | <input type="checkbox"/> |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Other things?   | <input type="checkbox"/> |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Will you have to dispose of these natural obstacles?          | <input type="checkbox"/> |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Can you recycle or donate them?                               | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |



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2

## Building Site (con't)

### 2I = Waste Management, Reduce/Reuse/Recycle (con't)

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Do you have a plan to use natural obstacles in your project? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Will you want to have a compost area?                        | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Are there restrictions about having a compost area?          | <input type="checkbox"/>   | YES                        | <input type="checkbox"/>   | NO                         |                            |

COMMENTS:

### REDUCE AND RECYCLE CONSTRUCTION WASTE, REUSE LUMBER

- |  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Have you considered the construction waste that will be generated and sent to a landfill? | <input type="checkbox"/>   | YES                        | <input type="checkbox"/>   | NO                         |                            |
| <input type="checkbox"/> How much of the construction waste can/will you reduce, reuse, recycle?                   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:



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3

## Evaluating Plans

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### 3A = Smaller Footprint or Smaller Building

- ☐ Have you considered what the 'footprint' of your building will be as it relates to:

☐ Physical size?

☐ Resource friendly?

☐ Pollution created (or 'carbon footprint')?

- ☐ Do you need a large building to accomplish what you want?

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COMMENTS:

### 3B = Floorplan: Buffer Areas, Room Use

- ☐ Is the design of your building usefully functional:

☐ How do you plan to use this new space?

☐ Do you need separate rooms for each facet of your lifestyle?

☐ Can you combine activities in common rooms?

☐ Are private areas separated from public areas?

- ☐ For small commercial buildings:

☐ How do you and others intend to use the building?

☐ How large do your office and other offices or work areas need to be?

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COMMENTS:



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3

## Evaluating Plans (con't)

### 3C = Energy Efficient Building Envelope

- ☐ Is your building designed to incorporate a highly energy efficient building envelope?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3D = Construction Types

- ☐ Are you willing to leave the choice of building materials and construction techniques up to the contractor/builder?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Have you chosen a particular type of construction which uses specific materials and techniques?

☐ YES ☐ NO

- ☐ Are you willing to educate your contractor/builder to use green building materials and techniques?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3E = Optimized for Dimensional Lumber, Alternatives

- ☐ Is the design of your building taking advantage of engineered lumber?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3F = Natural Ventilation, Shading

- ☐ Is your building designed to ventilate properly?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Which direction does the wind typically come from:

☐ In the spring?

☐ In the fall?

COMMENTS:



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## 3

## Evaluating Plans (con't)

### 3G = Basement, Crawlspace, Slab-on-Grade, Other Foundations

- ☐ Does your design use the appropriate foundation for the land characteristics?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3H = Garage, Vehicle Charging Station, Recycling Center

- ☐ Will you have a garage?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ attached

☐ detached

- ☐ Do you want to plan for the eventuality of having an electric (or other alternative fuel-type) vehicle that you can refuel at your building?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Do you want an area of your building or the garage dedicated to being a recycling center?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Do you want or need a whole house vacuum system?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3I = Double Entry/Airlock Entry, Utility/Mud Room

- ☐ Have you considered the entry areas of your home in regard to energy savings and cleanliness?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 3J = Porches, Decks, Patios, Gazebos, Out Buildings

- ☐ If you enjoy spending time out doors, have you considered living spaces that can be projected beyond your building envelope?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Will you have other buildings that create a complex?

☐ M ☐ D ☐ O ☐ U ☐ N



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## 3 Evaluating Plans (con't)

### 3J = Porches, Decks, Patios, Gazebos, Out Buildings (con't)

- ☐ What purpose will these other buildings serve?
- ☐ Where will they be in relation to the main building?
- ☐ Are your outbuildings organized to be walked or driven to; so do you need to consider additional roads or pathways?
- ☐ Where will you place a barn so that it is somewhat convenient and yet you don't constantly have to smell it?

_____					
_____					
<input type="checkbox"/>	<b>M</b> <input type="checkbox"/>	<b>D</b> <input type="checkbox"/>	<b>O</b> <input type="checkbox"/>	<b>U</b> <input type="checkbox"/>	<b>N</b>
_____					
_____					
_____					

COMMENTS:

### 3K = Fences, Trees, Hedges, Sight and/or Sound Buffers

- ☐ Do you need to establish a barrier between your property (or area of your property) and another space?
- ☐ Is there a privacy issue involved?
- ☐ Is there a containment issue involved (as in you have small children or pets to keep close to home or in a playground)?
- ☐ Is there an attractive nuisance nearby, such as a pond or climbing trees that you want to keep children away from?
- ☐ Is there something you would like to block from view?
- ☐ Are you close to a highway, railroad track or other audible annoyance?

<input type="checkbox"/>	<b>M</b> <input type="checkbox"/>	<b>D</b> <input type="checkbox"/>	<b>O</b> <input type="checkbox"/>	<b>U</b> <input type="checkbox"/>	<b>N</b>
_____					
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COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

4

## Advanced Planning Features

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### 4A = Designing for Natural Benefits from the Sun

- ☐ If you are interested in using the natural benefits of the sun, is the side of your house that faces the sun during the day clear of obstructions (i.e. trees, hi-rise buildings)?
- ☐ Have you considered the effects of the sun on your building and rooms layout?

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COMMENTS:

### 4B = Energy Analysis and Conservation Strategies

- ☐ Does your design lend itself to zone heating and cooling?
- ☐ Are you designing your building to conserve energy?
- ☐ Will your building design be evaluated by an Energy Rating professional?

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COMMENTS:

### 4C = Intelligent Design

- ☐ Have you incorporated intelligent design into your building plans?
- ☐ Are you integrating ways to make future expansions as easy as possible?
- ☐ Have you considered making your building ADA compliant?

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COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

4

## Advanced Planning Features (con't)

### *4D = Addition of Solar Features*

- ☐ Are you including the power of the sun in your building design:

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Passive solar features?

- ☐ Active solar, thermal?

- ☐ Active solar, photovoltaics (PV)?

COMMENTS:

### *4E = Window Tuning and Natural Daylighting*

- ☐ Are your windows 'tuned'?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Will you incorporate natural daylighting into the design of the building?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *4F = Incorporating Home Automation, Energy Controls and Electronics/Grounding*

- ☐ Are you planning ahead for home automation, energy controls and electronics/grounding?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *4G = Wired/Wireless Network, Internet-Connected Appliances, AC/DC Wiring*

- ☐ Are you planning ahead for special wiring, networking and other 'smart' technologies?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:





# Green Building Decision Kit : WORKBOOK

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4

## Advanced Planning Features (con't)

### 4H = Feng Shui

- ☐ Will your building design be evaluated for intangible properties such as Feng Shui (or the equivalent in your culture)?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

5

## Excavation and Foundation

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### 5A = Save Existing Trees and Foliage to Use for Natural Landscaping

- ☐ Are there trees (mature or not), bushes, foliage that are beneficial to keep in place?

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- ☐ Is there foliage that you would be purchasing already existing on your site?

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COMMENTS:

### 5B = Utilize Felled Trees and Conserve Soil

- ☐ If you must remove trees prior to excavation, will you reclaim them and not send them to rot in a landfill?

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- ☐ Is your house designed to work with the landscape and minimize excavation?

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- ☐ Is your site flat and you want to use an earth berm?

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COMMENTS:

### 5C = Water Runoff

- ☐ How are you going to handle the water (created by rain and storms) that moves across your site?

- ☐ Are you bound by neighborhood covenants or zoning regulations regarding the materials you use to pave your parking areas, driveway and walks?

- ☐ Is your home designed to use gutters?

- ☐ Are you taking care to protect your foundation or basement from water infiltration?

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COMMENTS:



# Green Building Decision Kit : WORKBOOK

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5

## Excavation and Foundation (con't)

### 5D = Poured Concrete Foundation

- ☐ What kind of foundation is called for at your building site? \_\_\_\_\_
- ☐ Are you willing to leave the choice of foundation materials and construction techniques up to the contractor/builder? \_\_\_\_\_
- ☐ Are there foundation material alternatives with a sustainable aspect that will work for your site? \_\_\_\_\_

COMMENTS:

☐ M ☐ D ☐ O ☐ U ☐ N

☐ M ☐ D ☐ O ☐ U ☐ N

### 5E = Alternate Common Foundation Materials

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 5F = Uncommon Foundation Materials

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 5G = Slab-on-Grade Foundation

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 5H = Crawlspace Foundation

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

5

## Excavation and Foundation (con't)

*5I = Basement Foundation*

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

6

## Structural Building Materials

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- ☐ Are you willing to leave the choice of building materials and construction techniques up to the contractor/builder?
- ☐ Have you chosen a particular type of construction which uses specific materials and techniques?
- ☐ Are you willing to educate your contractor/builder to use green building materials and techniques?
- ☐ Have you done a cost benefit analysis/comparison of traditional materials/techniques vs. the green building materials/techniques you plan to use?
- ☐ Will you be participating in the construction process?
- ☐ Have you investigated local sources for the materials?

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

☐ **YES** ☐ **NO**

☐ **YES** ☐ **NO**

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:

### 6A = Structural Insulated Panels (SIPS)

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:

### 6B = Insulated Concrete Forms (ICFs)

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:

### 6C = Engineered Wood

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:



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6

## Structural Building Materials (con't)

**6D = Stick-Built Construction**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6E = Metal Framing, Steel Studs**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6F = Framing Techniques: Balloon vs. Platform**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6G = Advanced Framing Techniques**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6H = Panel Products**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6I = Alternate Building Materials**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**6J = Flashing and Trim**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



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6

## Structural Building Materials (con't)

### *6K = Caulks, Sealants, and Adhesive Compounds*

- |  |                          |                            |                            |                            |                            |                            |
|--|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Do you care about VOC and the toxicity levels in your caulks, sealants, and adhesive compounds?                   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> | N <input type="checkbox"/> |
| <input type="checkbox"/> Will you encourage your contractors and installers to use water-based sealants and adhesives as much as possible? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> | N <input type="checkbox"/> |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

7

## Exterior Building Components

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### 7A = Windows

- ☐ Do you know the placement and number of windows you will use on your structure?
- ☐ Have you considered security, size, view, ventilation, daylighting, solar gain and aesthetics in your window placements?
- ☐ Have you determined what type, framing material, U-Value, number of panes, fill, coating, etc. to use for each window?

☐

**YES**

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**NO**

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COMMENTS:

### 7B = Daylighting other than Windows

- ☐ Does the design of your building take advantage of daylighting options other than windows such as skylights?

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COMMENTS:

### 7C = Awnings, Overhangs, Shading

- ☐ Will you incorporate overhangs for your windows to minimize solar gain during the hot months?

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COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

7

## Exterior Building Components (con't)

### 7D = Exterior Doors

- |   |                          |                            |                            |                            |   |
|---|--------------------------|----------------------------|----------------------------|----------------------------|---|
| <input type="checkbox"/> Do you know the placement and number of exterior doors you will use on your structure?   | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |
| <input type="checkbox"/> Have you considered code compliance, security, insulating factors, type, glazing, maintenance and aesthetics in your exterior door placements? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Are your exterior doors intended to:   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Keep people out?   |                          |                            |                            |                            |   |
| <input type="checkbox"/> Be decorative?   |                          |                            |                            |                            |   |
| <input type="checkbox"/> A combination of both?   |                          |                            |                            |                            |   |
| <input type="checkbox"/> Will your exterior doors be easily accessible?   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Are your exterior doors sheltered from the elements, but not too sheltered and hard to see?  | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Will there be an additional 'storm' door in use on your exterior doors?  | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Will your exterior doors be exposed to excessive heat or cold?   | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |

COMMENTS:

### 7E = Exterior Skin

- |  |                          |                            |                            |                            |   |
|--|--------------------------|----------------------------|----------------------------|----------------------------|---|
| <input type="checkbox"/> Have you determined what kind of 'exterior skin' the building will have?              | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |
| <input type="checkbox"/> Will the building be subjected to damaging storms?                                    | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |
| <input type="checkbox"/> Are the color(s) of the exterior of the building aesthetically pleasing?              | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |
| <input type="checkbox"/> Do the color(s) of the exterior of the building increase heating or cooling problems? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

7

## Exterior Building Components (con't)

### 7F = Drainage Planes

- ☐ Is there a drainage plane to protect your structure from rot, mold, etc.

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 7G = Exterior Extras

- ☐ Are shutters important to you?

☐ YES ☐ NO

- ☐ Working shutters to protect your windows from damaging storms?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Decorative shutters?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Will you have space between the ground and a porch or deck that you want to have covered?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Will you do that with lattice or plants or does it need to be enclosed?

- ☐ If you aren't designing a garage as part of your primary structure, do you want a car port to park under that is situated close to your home or attached to it?

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ If you have planned for a garage, will it accommodate yard maintenance items and gardening tools or do you need to consider a shed that is either attached to the house or not?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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## 8 Roofing

<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>	
<input type="checkbox"/> Do you want to leave the choice of your roofing system to your designer?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>
<input type="checkbox"/> Is your roofing subcontractor educated in green building materials and techniques?	<input type="checkbox"/>		<input type="checkbox"/>	<b>YES</b>	<input type="checkbox"/>	<b>NO</b>				
<input type="checkbox"/> Have you done a cost benefit analysis/comparison of traditional roofing materials/techniques vs. the green building materials/techniques you plan to use?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>
<input type="checkbox"/> Do you have a preference between trusses, rafters, SIPs, or another type of energy efficient roof system?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>
<input type="checkbox"/> Do you have a preferred style of roof?										
<input type="checkbox"/> Will your roof add to or subtract from heat gain in your building?										
<input type="checkbox"/> Have you made drainage considerations?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>
<input type="checkbox"/> Will your roof need to be vented?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>
<input type="checkbox"/> What kind of maintenance will your roof require?										
<input type="checkbox"/> If you are using a gutter system for drainage, have you considered a rainwater catchment system?	<input type="checkbox"/>	<b>M</b>	<input type="checkbox"/>	<b>D</b>	<input type="checkbox"/>	<b>O</b>	<input type="checkbox"/>	<b>U</b>	<input type="checkbox"/>	<b>N</b>

COMMENTS:

### 8A = Trusses and Framing

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:

### 8B = Types of Roof Designs

☐ **M** ☐ **D** ☐ **O** ☐ **U** ☐ **N**

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

8

## Roofing (con't)

**8C = Substrate, Decking, Laminates**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**8D = Drainage, Flashing, Water-Proofing Products**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**8E = Membrane**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**8F = Exterior Roofing Products**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**8G = Roof Venting Choices**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**8H = Rainwater Catchment Systems**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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9

## Electrical

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### 9A = Choosing your Contractor

- ☐ Do you want to leave the choice of your electrical contractor to your Builder or General Contractor?
- ☐ Is it important to you that your electrical contractor have experience with green building techniques, renewable energy production and products?
- ☐ Are you willing or able to direct or hire someone else to direct electrical people who don't have experience with green building techniques?
- ☐ Can you specify that your electrician install all these wires/cables at the time of construction or do you have the various subcontractors add them separately?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ M ☐ D ☐ O ☐ U ☐ N

☐ M ☐ D ☐ O ☐ U ☐ N

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 9B = Reducing your Load

- ☐ Have you reduced your load as much as possible?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 9C = Distribution System

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 9D = Conduit System

- ☐ Is your wiring easy to access or alter in the future?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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9

## Electrical (con't)

### 9E = Safety

☐ Are you incorporating whole house safety features? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 9F = Renewable Energy Production

☐ Are you making your home Solar and/or Renewable Energy Ready? ☐ M ☐ D ☐ O ☐ U ☐ N

☐ What will your site allow: ☐ M ☐ D ☐ O ☐ U ☐ N

☐ Wind?

☐ Solar?

☐ Hydro?

☐ What can you afford?

☐ What is the best return for your investment?

☐ What are you willing to change or do without to take advantage of renewable energy?

☐ Will you be storing excess energy and/or 'selling it back' to the grid? ☐ M ☐ D ☐ O ☐ U ☐ N

☐ Is Net Metering available in your area? ☐ YES ☐ NO

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 10 Plumbing

☐ M ☐ D ☐ O ☐ U ☐ N

### 10A = Primary Water Source

- |  |                          |                            |                            |                            |                              |
|--|--------------------------|----------------------------|----------------------------|----------------------------|------------------------------|
| <input type="checkbox"/> Do you have a choice for your primary water source?   | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |                              |
| <input type="checkbox"/> Are you required to hook your building into a public water system?                              | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |                              |
| <input type="checkbox"/> Will your primary water source be piped directly into their home from an urban or rural source? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N |
| <input type="checkbox"/> Is it possible or feasible to drill a well at your building site?                               | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N |
| <input type="checkbox"/> Is there a clean water source on your site?   | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |                              |
| <input type="checkbox"/> Are you concerned with depletion of aquifers?   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N |
| <input type="checkbox"/> Are you concerned about contaminated water?   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N |
| <input type="checkbox"/> If you must have water trucked in, where will you situate your cistern?                         | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N |

COMMENTS:

### 10B = Gray Water

- |   |                          |     |                          |    |
|---|--------------------------|-----|--------------------------|----|
| <input type="checkbox"/> Do your local codes allow for a gray water system? | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |
|---|--------------------------|-----|--------------------------|----|

COMMENTS:

### 10C = Sewer, Septic Systems

- |   |                          |                            |                            |   |
|---|--------------------------|----------------------------|----------------------------|---|
| <input type="checkbox"/> Are you required to hook your building into a municipal sewer system?          | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO  |
| <input type="checkbox"/> What type of sewer system is appropriate and desirable for your building site? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> U <input type="checkbox"/> N |
| <input type="checkbox"/> Are you interested in pursuing environmental sewage treatment options?         | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> U <input type="checkbox"/> N |



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 10 Plumbing (con't)

### 10C = Sewer, Septic Systems (con't)

☐ Is your plumber familiar with green (alternative) sewer systems? ☐ YES ☐ NO

☐ Who will maintain your sewer system? \_\_\_\_\_

COMMENTS:

### 10D = Toilets

☐ Have you determined how many toilets are necessary for your building? ☐ YES ☐ NO

☐ Are composting toilets an option? ☐ M ☐ D ☐ O ☐ U ☐ N

☐ Have you considered using waterless urinals? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 10E = Water Piping

☐ Will you leave the choice of piping to your plumber? ☐ M ☐ D ☐ O ☐ U ☐ N

☐ Have you done a cost benefit analysis/comparison of traditional plumbing materials/techniques vs. the green plumbing materials/techniques you want to use? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 10F = Water Pumps

☐ Will you need a water pump? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 10 Plumbing (con't)

### 10G = Filters

☐ What kind of filtration system will you use?

☐ YES ☐ NO

COMMENTS:

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### 10H = Water Purification

☐ Will you install a water purification system?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

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### 10I = Other Plumbing Related Items

☐ Will you use fixtures and faucets that conserve water?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ Will you need a water softening/conditioning system?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 11 Water Heating and Use

☐ M ☐ D ☐ O ☐ U ☐ N

### 11A = Water Heaters

☐ Will your water heating system be:

<input type="checkbox"/> electric,	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> natural gas,	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> solar assisted	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> 100% solar?	<input type="checkbox"/> YES	<input type="checkbox"/> NO

☐ Have you determined the quantity of heated water your facility will require?

☐ Do you prefer tankless water heaters?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 11B = Solar Assisted Water Heating

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 11C = Water Tank Insulating Blanket and Low Flow Fixtures

☐ Do you have extra insulation for your water heater?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 11D = Rainwater Storage Systems

☐ Are you interested in incorporating a rainwater storage system?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 11 Water Heating and Use (con't)

### *11E = Drip Irrigation, Watering Systems*

☐ Does your landscaping require an irrigation system? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *11F = Water Conserving Appliances*

☐ Have you researched water conserving appliances? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *11G = Sinks, Bathtubs, Showers*

☐ When choosing your sinks, bathtubs and shower products, have you looked for local and/or recycled materials? ☐ M ☐ D ☐ O ☐ U ☐ N

☐ Are there safety bars and ADA compliance aspects to your bathing facilities? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *11H = Pools*

☐ Have you considered energy saving features for swimming pools? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### *11I = Spas, Hot Tubs*

☐ Have you considered energy saving features for spas and hot tubs? ☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 12 Heating and Cooling

☐**M**☐**D**☐**O**☐**U**☐**N**

### 12A = Basic Heating, Cooling, Ventilation and Air Conditioning (HVAC) System Information

COMMENTS:

### 12B = Choosing an HVAC Contractor

☐ Do you want to leave the choice of your HVAC contractor to your Builder or General Contractor?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Is it important to you that your HVAC contractor have experience working with Green Building Techniques?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Does your HVAC contractor work with an Energy Rating Company?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Do they know how to appropriately size your equipment based on your home design instead of assuming conventional calculations?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Does your HVAC contractor have experience with extremely energy efficient structures?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Are you planning to have your HVAC installation commissioned?

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 12C = Fuel Source

☐ What fuel choices do you have?

COMMENTS:



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INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 12 Heating and Cooling (con't)

### 12D = Heating Equipment

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Have you done a cost benefit analysis/comparison of traditional heating and cooling techniques vs. the green techniques you plan to use? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <hr/>   |                            |                            |                            |                            |                            |
| <input type="checkbox"/> What type of heating system(s) do you prefer?  | <hr/>                      |                            |                            |                            |                            |
| <input type="checkbox"/> Is there an ENERGY STAR® version available?  | <input type="checkbox"/>   | YES                        | <input type="checkbox"/>   | NO                         |                            |
| <input type="checkbox"/> Is there an alternative technology that uses minimal energy?   | <input type="checkbox"/>   | YES                        | <input type="checkbox"/>   | NO                         |                            |

COMMENTS:

### 12E = Cooling Equipment

- |   |                          |     |                          |    |  |
|---|--------------------------|-----|--------------------------|----|--|
| <input type="checkbox"/> What type of cooling system(s) do you prefer?                | <hr/>                    |     |                          |    |  |
| <input type="checkbox"/> Is there an ENERGY STAR® version available?                  | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> Is there an alternative technology that uses minimal energy? | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> Is there an environmentally-friendly refrigerant?            | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |

COMMENTS:

### 12F = Zones

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Are you interested in zone systems?                            | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Does your design call for a whole house system or zone system? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 12 Heating and Cooling (con't)

### 12G = Ductwork

- |  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Will your building require ductwork?  | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Does your HVAC contractor keep the registers covered and clean during construction and/or have the ductwork cleaned before use? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:

### 12H = Registers

- ☐ Where will you place registers (if using a duct system)?

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 13 Ventilation

☐**M**☐**D**☐**O**☐**U**☐**N**

### 13A = Controlled vs. Natural Ventilation or Uncontrolled Ventilation

- ☐ Does your building allow for both natural and controlled ventilation?

☐**M**☐**D**☐**O**☐**U**☐**N**

- ☐ What type of attic ventilation is appropriate for your building?

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COMMENTS:

### 13B = Heat or Energy Recovery Ventilators

- ☐ Will your building use an HRV or ERV system?
- ☐ Will you have a professional size the HRV/ERV?

☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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### 13C = Filters

- ☐ What kind of filters will you use?

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

---

### 13D = Exhaust Only Fans

- ☐ Where will you locate exhaust fans?

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 13 Ventilation (con't)

### 13E = High Power Fans

- ☐ Will you include a whole house fan (or something similar)?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 13F = Additional Venting Options

- ☐ What other venting options does your building design call for?
- ☐ If you have a fireplace, wood stove, etc. will you incorporate a combustion air supply system?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 14 Insulation

☐ M ☐ D ☐ O ☐ U ☐ N

☐ What type and what R-Value should be installed in your building?

\_\_\_\_\_

☐ Have you done a cost benefit analysis/comparison of traditional insulation materials vs. the green materials you plan to use?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ How much insulation do you need in a given application (per code or per design)?

\_\_\_\_\_

☐ What is the environmental factor of your insulation

☐ M ☐ D ☐ O ☐ U ☐ N

☐ Is it hazardous during installation or removal?

☐ YES ☐ NO

☐ Is it environmentally friendly, biodegradable or recyclable?

☐ YES ☐ NO

☐ What are the codes regarding insulation in your area?

\_\_\_\_\_

☐ Do you want to qualify for any programs such as ENERGY STAR®?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ Are you interested in tax credits (if they are available)?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14A = Commonly Used Wall and Attic Types

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14B = Older or Less Common Wall and Attic Types

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 14 Insulation (con't)

### 14C = Innovative and New Wall and Attic Types

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14D = Sheathing

☐ Are you in a region where a continuous barrier will benefit your structure?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ Will you incorporate house wrap, water barriers, drainage planes?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14E = Vapor Barriers/Retarders

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14F = Foundation Insulation

☐ Do you plan to insulate your foundation?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14G = How much... Wall Insulation? Attic Insulation? Foundation Insulation?

COMMENTS:

☐ M ☐ D ☐ O ☐ U ☐ N



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 14 Insulation (con't)

### 14H = Water Pipe Insulation

- ☐ Will your water pipes be in conditioned or unconditioned space?
- ☐ Will your pipes be in a crawl space or attic?
- ☐ What insulation strategy should you employ if your pipes are in an attic or crawl space?
- ☐ How much pipe needs to be insulated?
- ☐ Should you add a reflective and/or vapor barrier as well?
- ☐ Are your pipes in an exterior wall and in danger of freezing?
- ☐ Should you use electrical heat tape to prevent your pipes from freezing?

\_\_\_\_\_

\_\_\_\_\_

☐ YES ☐ NO

\_\_\_\_\_

\_\_\_\_\_

☐ M ☐ D ☐ O ☐ U ☐ N

☐ YES ☐ NO

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14I = Water Heater Insulation

- ☐ Will your water heater be in conditioned or unconditioned space?
- ☐ Will you insulate your water heater?
- ☐ Do you understand how to insulate a natural gas/propane water heater differently than an electric model?

\_\_\_\_\_

\_\_\_\_\_

☐ YES ☐ NO

☐ YES ☐ NO

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 14 Insulation (con't)

### 14J = Window/Glass Door Insulation

- ☐ Are the windows energy efficient enough to need no additional insulation or window treatments?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 14K = Insulation Recommendations for Older Buildings

COMMENTS:

☐ M ☐ D ☐ O ☐ U ☐ N



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 15 Interior Building Materials

☐**M**☐**D**☐**O**☐**U**☐**N**

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Is indoor air quality important to you?  | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Have you investigated architectural salvage options in your area?  | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Will you use leave the choice of interior building materials to your contractor?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Will you be participating in the interior construction of your building?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Have you done a cost benefit analysis/comparison of traditional interior building materials vs. the green materials you plan to use? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:

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### 15A = Environmental Considerations

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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### 15B = Wall and Ceiling Substrates

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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### 15C = Finishes for both Walls and Ceilings

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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### 15D = Finishes Specific to Ceilings

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

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# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 15 Interior Building Materials (con't)

### 15E = Interior Doors

- |   |                          |   |                          |   |                          |   |                          |   |                          |   |
|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Have you considered code compliance, security, insulating factors, type, glazing, maintenance and aesthetics in your interior door placements? | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Is safety and security the primary issue when choosing an interior door?   | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Do you want total privacy (including locks) from your interior doors?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Do you intend to use an interior door to restrict air movement between rooms?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Do you simply want to use an interior door to restrict the view between one room and another?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Do you want an interior door to keep children or pets out of a specific room, but want visual or auditory access to the room?                  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Have you decided if each interior door in a given location should swing in or out, to the left or right?                                       | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |

COMMENTS:

### 15F = Built-ins

- |   |                          |   |                          |   |                          |   |                          |   |                          |   |
|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Does your building design call for built-in components?                                    | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Have you discussed insulation and sealing requirements for built-ins with your contractor? | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <hr/>   |                          |   |                          |   |                          |   |                          |   |                          |   |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 16 Flooring

☐**M**☐**D**☐**O**☐**U**☐**N**

- ☐ Have you done a cost benefit analysis/comparison of traditional flooring materials vs. the green materials you plan to use?

☐**M**☐**D**☐**O**☐**U**☐**N**

- ☐ Are you willing to research and possibly pay more for the sustainable flooring choices available?

☐**M**☐**D**☐**O**☐**U**☐**N**

- ☐ Is Indoor Air Quality important to you?

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 16A = Flooring Substrate

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 16B = Carpeting

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 16C = Area Rugs

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 16D = Wood Flooring

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 16E = Wood Substitute Flooring

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 16 Flooring (con't)

**16F = Glass, Ceramic, Stone, Concrete**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**16G = Linoleum**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

**16H = Other Flooring**

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 17 Indoor Air Quality

☐ M ☐ D ☐ O ☐ U ☐ N

- |  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Will you leave the choice of interior finish materials to your contractor?  | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Is it important to you that your finishing contractor have experience working with Green Building Techniques?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Will you be participating in the finish work on your building?  | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Is your building well ventilated?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Are you, or others who will live in or use your building, sensitive to chemicals, allergens, pollution?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Are you willing to invest additional research (and possibly additional money) into using products that minimize exposure to products that cause problems? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Are you willing to pay for cleaning during construction and on-going building maintenance to reduce pollutants?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:

### 17A = Paint, Stain

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 17B = Wood Finishes

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 17C = Sealants, Coatings

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 17 Indoor Air Quality (con't)

**17D = Petroleum-Free Caulks, Adhesives, Solvents**    ☐    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:

**17E = Interior Wood and Panel Products**    ☐    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:

**17F = Cabinetry, Counter-Tops**    ☐    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:

**17G = Solvents for Exposed OSB, Particle Board, MDF**    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:

**17H = Closets and Storage**    ☐    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:

**17I = Whole House Vacuum**    ☐    M ☐    D ☐    O ☐    U ☐    N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 18 Lighting

☐**M**☐**D**☐**O**☐**U**☐**N**

### 18A = General Types of Lighting

☐ Where do you need artificial light?

\_\_\_\_\_

☐ In each situation/location where artificial light is required, how bright does the light need to be?

\_\_\_\_\_

\_\_\_\_\_

☐ Are you including an emergency lighting system with backup batteries?

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 18B = Lighting Specifications

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 18C = Types of Light Bulbs

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 18D = Lighting Technologies/Interior

☐ Have you designed your building to take advantage of natural daylighting?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Is there an ENERGY STAR® version of the light available?

☐**YES**☐**NO**

☐ Is there an alternative lighting technology that uses less energy?

☐**YES**☐**NO**

COMMENTS:

# **Green Building Decision Kit : WORKBOOK**

**INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested**

## 18 ► Lighting (con't)

**18E = Lighting Technologies/Exterior**

☐ M ☐ D ☐ O ☐ U ☐ N

**COMMENTS:**

***18F = Fixtures***

☐ What kind of fixtures do you need for each situation?

**COMMENTS:**

**18G = Controls**

☐ Are special control considerations needed for each situation?

☐ M ☐ D ☐ O ☐ U ☐ N

**COMMENTS:**

### 18H = Lighting Accessories

☐ M ☐ D ☐ O ☐ U ☐ N

**COMMENTS:**



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 19 Appliances

☐ M ☐ D ☐ O ☐ U ☐ N

### 19A = Resource Efficiency

- |  |  |
|--|--|
| <input type="checkbox"/> Is there an ENERGY STAR® version available?                                       | <input type="checkbox"/> YES <input type="checkbox"/> NO   |
| <input type="checkbox"/> What appliances (large or small) do you consider a necessity?                     | _____  |
| <input type="checkbox"/> What appliances (large or small) do you consider a luxury?                        | _____  |
| <input type="checkbox"/> What luxury appliances can you live without?                                      | _____  |
| <input type="checkbox"/> What luxury appliances do you want if you can afford them?                        | _____  |
| <input type="checkbox"/> Is there an alternative that uses minimal energy?                                 | <input type="checkbox"/> YES <input type="checkbox"/> NO   |
| <input type="checkbox"/> Must your appliances be brand new or are you open to recycled, refurbished items? | <input type="checkbox"/> M <input type="checkbox"/> D <input type="checkbox"/> O <input type="checkbox"/> U <input type="checkbox"/> N |

COMMENTS:

### 19B = Kitchen

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 19C = Bathroom

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 19D = Laundry

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 19 ▶ Appliances (con't)

*19E = Entertainment*

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

*19F = Office*

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

*19G = Home and Garden*

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 20 Energy Alternatives

☐**M**☐**D**☐**O**☐**U**☐**N**

### 20A = Solar Siting, Solar Ready

- ☐ Is the side of your house that faces the sun during the day clear of obstructions (i.e. trees, hi-rise buildings)?
- ☐ Will you be adding alternative energy systems (some or all) during the construction of your home or plan to do it at a later date?

☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 20B = Solar Systems - Passive vs. Active

- ☐ Are you including the power of the sun in your building design (i.e. passive solar)?
- ☐ What will your site allow:
  - ☐ Solar?
  - ☐ Wind?
  - ☐ Hydro?
- ☐ What can you afford?
- ☐ What is the best return for your investment?
- ☐ What are you willing to change or do without to take advantage of renewable energy?

☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 20 Energy Alternatives (con't)

### 20C = Passive Solar

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 20D = Passive Thermal Storage

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 20E = Active Solar Systems - Thermal

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 20F = Solar Domestic Hot Water

☐ If you include a solar domestic hot water system:

☐ M ☐ D ☐ O ☐ U ☐ N

☐ How much water will you need to heat daily?

\_\_\_\_\_

☐ What type of system do you want:  
drain-down, drain-back or closed-loop?

\_\_\_\_\_

\_\_\_\_\_

☐ Who will maintain your system?

\_\_\_\_\_

\_\_\_\_\_

COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 20 Energy Alternatives (con't)

### 20G = Battery Storage

- |   |                          |     |                          |    |                          |   |                          |   |                          |   |
|---|--------------------------|-----|--------------------------|----|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Will you be storing excess energy and/or 'selling it back' to the grid?                                      | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |
| <input type="checkbox"/> If you include a battery storage system:   | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> How much electricity will you need to store?   | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> How many batteries will it take to store the energy you need?  | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Where will you store your batteries?   | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Will you be using the electricity primarily in Direct Current (DC) or Alternating Current (AC) applications? | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Who will maintain your system?   | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |

COMMENTS:

### 20H = Active Solar Photovoltaic System: Solar Electric

- |   |                          |     |                          |    |                          |   |                          |   |                          |   |
|---|--------------------------|-----|--------------------------|----|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> If you are including photovoltaic system:                          | <input type="checkbox"/> | M   | <input type="checkbox"/> | D  | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Is there enough sunshine to justify the purchase and installation? | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |
| <input type="checkbox"/> How much electric load do you expect to have daily?                | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Who will maintain your system?                                     | <hr/>                    |     |                          |    |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Will the system be a ground mounted system?                        | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Will the system be a building mounted system?                      | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |                          |   |                          |   |                          |   |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 20 Energy Alternatives (con't)

### 20I = Grid-Connected Net Metering

- ☐ If you are considering selling electricity back (net metering):

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ Are you connected to the grid or do you plan to connect to the grid?

- ☐ What are your states laws concerning net metering?

- ☐ Does your local government allow for net metering?

☐ YES ☐ NO

- ☐ Does your local utility allow for net metering? If so, what are the rules and guidelines?

☐ YES ☐ NO

- ☐ Who will maintain your system?

COMMENTS:

### 20J = Wind Micro Turbine

- ☐ If you are including a wind turbine system:

☐ M ☐ D ☐ O ☐ U ☐ N

- ☐ What zoning restrictions are there at your location?

- ☐ Is there enough wind to justify the purchase and installation?

☐ YES ☐ NO

- ☐ How much electrical load do you expect to have daily?

- ☐ Who will maintain your system?

- ☐ How long is the warranty?

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 20 Energy Alternatives (con't)

### 20K = Hydro Power

☐ If you are including a micro hydro system:

☐ M ☐ D ☐ O ☐ U ☐ N

☐ What zoning restrictions are there at your location?

---

---

☐ Is there enough water running throughout the year to justify the purchase and installation?

☐ YES ☐ NO

☐ How much electrical load do you expect to have daily?

---

---

☐ Who will maintain your system?

---

COMMENTS:

### 20L = Fuel Cell

☐ If you are including a fuel cell system:

☐ M ☐ D ☐ O ☐ U ☐ N

☐ What zoning restrictions are there at your location?

---

---

☐ What is the source of your hydrogen?

---

☐ Will your system be the open type?

☐ YES ☐ NO

☐ Will your system be the closed type?

☐ YES ☐ NO

☐ How much electrical load do you expect to have daily?

---

---

☐ Who will maintain your system?

---

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 21 Landscaping

☐**M**☐**D**☐**O**☐**U**☐**N**

### 21A = Conventional vs. Environmental-Focus

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

### 21B = Personal vs. Professional

☐ Will you do your own landscaping?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Will you hire a professional landscaper?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Is it important to you that your landscaper have experience working with native/natural species and techniques?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Will you plan to complete your landscaping in a single phase?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Will you make landscaping an ongoing project?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Are you interested in using an environmental focus in your landscaping?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Have you researched your landscaper?

☐**YES**☐**NO**

☐ How long has the company been in business?

---

☐ How many employees do they have and how many of them will be working on your job?

---

☐ What languages do they speak (very important that you are able to communicate clearly with the lead contractor and/or employees)?

---

☐ What services do they provide and what are their specialties?

---

☐ What are their hours of business and the best time to reach them (get their contact information)?

---



---



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# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 21 Landscaping (con't)

### 21B = Personal vs. Professional (con't)

- |  |                          |     |                          |    |  |
|--|--------------------------|-----|--------------------------|----|--|
| <input type="checkbox"/> What professional affiliations do they belong to (i.e. BBB, national or state landscaping associations, etc)? | <hr/>                    |     |                          |    |  |
| <input type="checkbox"/> Are they licensed?  | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> Are they insured?   | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> What guarantees do they have, what specifically is covered and the length of the guarantee?                   | <hr/>                    |     |                          |    |  |
| <input type="checkbox"/> Do they provide references?   | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> Do they provide a contract?   | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |
| <input type="checkbox"/> Do they offer ongoing maintenance?  | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |  |

COMMENTS:

### 21C = Site Considerations

- |   |                          |   |                          |   |                          |   |                          |   |                          |   |
|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Can you work with your land the way it is to achieve the landscaping results you desire? | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Are you willing to adjust your expectations to minimize disruptions to your land?        | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Is it necessary to 'sculpt' your land to achieve the results you desire?                 | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Are there problems beyond aesthetics that need to be addressed?                          | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 21 Landscaping (con't)

### 21D = Water Issues

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Is water runoff or retention an issue for your site?                               | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Is there already, or do you plan to add, a water feature (such as a pond or lake)? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:

### 21E = Natural/Native Plants

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Are you interested in incorporating natural/native plants in your landscaping? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|

COMMENTS:

### 21F = Existing Foliage, Trees

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Are there specific plants or trees on your site before construction that you want to keep? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|

COMMENTS:

### 21G = Xeriscape®, Edible Landscaping and Gardens

- |  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Are you interested in using the Xeriscape® method of landscaping? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Do you plan to grow your own food?                                | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 21 Landscaping (con't)

### 21H = Dry Climate

☐ Is there a shortage of water for landscaping?

☐

YES

☐

NO

☐ Do you plan to address water issues by planting drought-tolerant or natural/native species?

☐

M

☐

D

☐

O

☐

U

☐

N

☐ Do you plan to irrigate?

☐

M

☐

D

☐

O

☐

U

☐

N

COMMENTS:

### 21I = Efficient Watering Systems

☐

M

☐

D

☐

O

☐

U

☐

N

COMMENTS:

### 21J = Other Landscaping Considerations

☐ Will you include a composting area?

☐

M

☐

D

☐

O

☐

U

☐

N

☐ Will you include a windbreak?

☐

M

☐

D

☐

O

☐

U

☐

N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 22 Driveways, Walks, Paths

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ Does your building site require:

☐ a parking lot?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ a long driveway?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ pathways?

☐**M**☐**D**☐**O**☐**U**☐**N**

☐ How will you deal with water runoff?

COMMENTS:

**22A = Non-Porous Concrete or Asphalt**

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

**22B = Permeable Concrete**

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

**22C = Porous Sidewalks and Permeable Pathways**

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

**22D = Concrete Lanes-Only Driveway**

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:

**22E = Heated Driveways and Sidewalks**

☐**M**☐**D**☐**O**☐**U**☐**N**

COMMENTS:





# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 23 ➤ Outbuildings

☐ M ☐ D ☐ O ☐ U ☐ N

### 23A = Outbuildings (Section 23)

- |   |                          |                            |                            |                            |   |
|---|--------------------------|----------------------------|----------------------------|----------------------------|---|
| <input type="checkbox"/> Are you concerned about gas and other chemical fumes relating to your vehicles entering your home? | <input type="checkbox"/> | YES                        | <input type="checkbox"/>   | NO                         |   |
| <input type="checkbox"/> Will you be heating and cooling your garage?   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Is it important for you to have access to your vehicle without going outside?                      | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Will you be storing more than your vehicles in the garage?   | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Will your garage also function as a workshop or something else?                                    | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |

COMMENTS:

### 23B = Workshop, Hobby Shop

- |   |                          |                            |                            |                            |   |
|---|--------------------------|----------------------------|----------------------------|----------------------------|---|
| <input type="checkbox"/> Do you use flammable or combustible products in your workshop?                 | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Do you need high voltage electricity for your workshop?                        | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Will you be heating and cooling your workshop?                                 | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |
| <input type="checkbox"/> Is it important for you to have access to your workshop without going outside? | <input type="checkbox"/> | M <input type="checkbox"/> | D <input type="checkbox"/> | O <input type="checkbox"/> | U <input type="checkbox"/> N <input type="checkbox"/> |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 23 Outbuildings (con't)

### 23C = Guest Quarters

- |   |                          |   |                          |   |                          |   |                          |   |                          |   |
|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Do the guests you entertain require overnight or extended stay accommodations?                             | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Is your privacy important to you?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Is there a possibility that a relative or friend may need to stay with you for an extended amount of time? | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Do you need permanent accommodations instead of or in addition to guest quarters?                          | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |

COMMENTS:

### 23D = Heat Producing Exterior Furnace

- |   |                          |   |                          |     |                          |   |                          |    |                          |   |
|---|--------------------------|---|--------------------------|-----|--------------------------|---|--------------------------|----|--------------------------|---|
| <input type="checkbox"/> Do you want to use a separate building to house an exterior furnace?   | <input type="checkbox"/> | M | <input type="checkbox"/> | D   | <input type="checkbox"/> | O | <input type="checkbox"/> | U  | <input type="checkbox"/> | N |
| <input type="checkbox"/> Are there zoning rules in your area about exterior furnaces?   | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Are you subject to neighborhood covenants that restrict your ability to put other outbuildings in your yard? | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Are you willing to expend the effort to be sure the furnace has enough fuel at all times?                    | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Are you willing to maintain your exterior furnace yourself?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D   | <input type="checkbox"/> | O | <input type="checkbox"/> | U  | <input type="checkbox"/> | N |
| <input type="checkbox"/> Will you hire someone else to maintain your exterior furnace?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D   | <input type="checkbox"/> | O | <input type="checkbox"/> | U  | <input type="checkbox"/> | N |
| <input type="checkbox"/> Do you have a place and process to legally dispose of or reuse the waste produced by the furnace?            | <div></div> <div></div>  |   |                          |     |                          |   |                          |    |                          |   |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

INTEREST LEVEL LEGEND: M=Mandatory D=Desirable O=Optional U=Unlikely N=Not Interested

## 23 ➤ Outbuildings (con't)

### 23E = Battery Storage Building

- ☐ Are you interested in maintaining your battery storage in a building separate from your living space?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 23F = Shed

- ☐ Will you need one or more sheds for storage?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:

### 23G = Larger Buildings, Barns, Specialty Buildings

- ☐ Do you need a barn or other specialty building?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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## 24 Other Decisions

☐ M ☐ D ☐ O ☐ U ☐ N

### 24A = Natural Pest Control

☐ How will you approach pest control:

- |   |                            |                            |                            |                            |                            |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Use poison or other kill methods yourself?                       | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Hire a professional to use poison or other kill methods?         | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Use humane methods yourself?                                     | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Hire a professional to use humane methods?                       | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Adapt sustainable habits that discourage unwanted pests?         | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Encourage beneficial insects and animals to cohabitate with you? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:

### 24B = Natural Habitat

☐ Will you consider the habitat of beneficial creatures:

- |  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Minimize disruption of habitats during the building and landscaping processes?        | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Disregard the habitats of non-humans?   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Add natural habitats that aren't too much trouble?                                    | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Encourage bats, birds, bees to 'move in' using houses, feeders, water features, etc.? | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Incorporate natural habitats into your landscaping?                                   | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |
| <input type="checkbox"/> Create a mutually beneficial human and non-human habitat?                             | <input type="checkbox"/> M | <input type="checkbox"/> D | <input type="checkbox"/> O | <input type="checkbox"/> U | <input type="checkbox"/> N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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## 24 Other Decisions (con't)

### 24C = Awareness, Lifestyle

- |  |                          |   |                          |   |                          |   |                          |   |                          |   |
|--|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Are you likely to make adjustments to your past lifestyle due to the fact that you have built a green building: | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Make no changes to your current lifestyle?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Open to making adjustments in the area that prompted you to build a green structure?                            | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Open to making adjustments in other areas that you've learned about while building a green structure?           | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Consciously make changes to be mindful of your effect on the environment?                                       | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Live your life as an example to others regarding the effect humans have on the environment?                     | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Promote your eco-effective lifestyle?   | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |

COMMENTS:

### 24D = Building Owner's Manual

- |   |                          |   |                          |   |                          |   |                          |   |                          |   |
|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Will you compile a system and maintain your green building in a sustainable fashion: | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Build a totally maintenance-free building?   | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Maintain your building yourself, but don't want to spend much money to do it?        | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Maintain your building yourself to reap the benefit of your investment?              | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Hire a service to maintain your building to reap the benefit of your investment?     | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Maintain your building and set aside extra money yearly to expand its value?         | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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## 24 Other Decisions (con't)

### 24E = Innovative Design

- |  |                          |   |                          |   |                          |   |                          |   |                          |   |
|--|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> Are you interested in going above and beyond green building to using cutting edge practices and products: | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |
| <input type="checkbox"/> Not interested in experimental things?  | _____                    |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Interested in incorporating things that have been tried and tested?                                       | _____                    |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Like to beta test new methods and/or products in your building?   | _____                    |   |                          |   |                          |   |                          |   |                          |   |
| <input type="checkbox"/> Want to go all the way with innovative design?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D | <input type="checkbox"/> | O | <input type="checkbox"/> | U | <input type="checkbox"/> | N |

COMMENTS:

### 24F = Green Building Certification, Green Tags

- |   |                          |   |                          |     |                          |   |                          |    |                          |   |
|---|--------------------------|---|--------------------------|-----|--------------------------|---|--------------------------|----|--------------------------|---|
| <input type="checkbox"/> Are you interested in having your green building certified?  | <input type="checkbox"/> | M | <input type="checkbox"/> | D   | <input type="checkbox"/> | O | <input type="checkbox"/> | U  | <input type="checkbox"/> | N |
| <input type="checkbox"/> Has your zoning authority incorporated a green certification process?  | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Is there a regional, independent organization that has a green certification process?  | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Does your architect, or other member of your design team, know of a certification process?   | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Did you know there are incentives for building a structure that is highly energy efficient?  | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Is someone on your design team familiar with LEED® for commercial buildings or LEED® for homes?  | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Is there a LEED® facilitator in your area?   | <input type="checkbox"/> |   |                          | YES | <input type="checkbox"/> |   |                          | NO |                          |   |
| <input type="checkbox"/> Do you want to offset your fossil fuel energy use with Green Tags if you are not able to include renewable energy generation at your site? | <input type="checkbox"/> | M | <input type="checkbox"/> | D   | <input type="checkbox"/> | O | <input type="checkbox"/> | U  | <input type="checkbox"/> | N |

COMMENTS:



# Green Building Decision Kit : WORKBOOK

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## 24 Other Decisions (con't)

### 24G = Energy Rating Incentives

☐ Is someone on your design team familiar with ENERGY STAR® for commercial buildings or homes?

☐ M ☐ D ☐ O ☐ U ☐ N

☐ Is there an energy rating company in your area that can test your building to determine if it meets the necessary qualifications to achieve incentives?

☐ M ☐ D ☐ O ☐ U ☐ N

COMMENTS: