



Sun Plans Questionnaire for Built Sun-Inspired Homes

Thank you for your willingness to provide us with feedback about your Sun-Inspired House. The client information printed in our current book was abstracted from such information and we really do appreciate your time and willingness to share. When we receive your information (photos and questionnaire), we will send you a copy of our new book *The Sun-Inspired House*.)

Please fill in as much as you can and state "approx.", "I think", "don't know", etc. if you are uncertain. We will not share your name, contact information, or costs with anyone unless you specifically ask that we do. We plan to use the information to improve our services and perhaps to share the info with others.

Regarding photos inside and out, below would be ideal: (certainly not all are required)

- If possible they should show the sun hitting the outside or entering the inside
- Outside view of south wall
- Inside view of south wall in main living area
- One photo of each side of the house, but mainly the south and front
- Close up of what you think is the nicest exterior view of your home
- Diagonal views of the interior showing the areas of your house with the most spatial interest
- Close ups of special custom areas even if they are not related to the sun or energy
- Approx. date, and time of day (a.m., midday, p.m.) if sun or shadows, but please turn off the time and date feature of the camera
- Electronic format is preferred, but we can also scan printed images that you send. Just be sure to let us know if you need for them to be returned.
- By sending the photos, you agree to allow us to use the photos on our web site or in future publications
- How you would like the photo credits to read? _____

You can email or US mail the information to us, but if you have many large size electronic photo files, it would probably be best for you to send them on a disk – CD or floppy are both acceptable

Thank you very much in advance for your time and thought. I sure hope you are enjoying your sun-inspired, passive solar home! If not, please let us know that too!
Debbie Coleman

General

Names(s): _____ Date: _____

Address: _____

City, State, Zip, County: _____

Phone: _____ email: _____

House Plan Name: _____ Custom Design? _____

Which did you receive: Blueprints, Vellums, CAD files (circle one)

If other than blueprints, did your local design professional have any problems making changes to our plans? ___if so, please briefly describe _____

Did you have a structural engineer review the plans? _____ If yes, did he suggest any changes? _____

When did you start construction? _____ When did you move in? _____

How many degrees east or west of south did you face the south wall of the house? _____

Who was your builder? Or, No General Contractor, we subbed it out ourselves _____
Names(s): _____
Address: _____
City, State, Zip: _____
Phone: _____ email: _____
Web site: _____ Would you recommend them? _____

What changes if any did you make to the floor plan? _____

Did you add or subtract from the heated area and if so, about how much? _____
If you have a basement, is it heated (other than the sun) on a regular basis? _____
If you have a bonus room over the garage, is it heated (other than the sun) on a regular basis? _____
What is your favorite thing about your house? _____

What is your least favorite thing about your house? _____

What was the approx. cost of your home excluding land, site work, water, and sewer? _____
What work did you do yourselves? _____

Construction

What was the construction of your outside walls? (please indicate stud thickness, SIP or ICF, type of insulation between the cavity, thickness of exterior insulation, etc.) _____

What was the construction of your roof? (please indicate rafter thickness, stick frame or trusses, manufactured lumber, SIP, type of insulation between the cavity, amount of exterior insulation, etc.) _____

Did you vent the roof? _____ If crawlspace, did you vent the crawlspace? _____
Did you caulk around windows and doors and exterior framing? _____
Did you install a radiant barrier in your roof? ____ What type and color is your roof? _____
What is the manufacturer of your windows? _____
Are they a combination of casement, awning, and fixed? ____ If no, what kind? _____
What kind of glass did you install in your north, east, and west windows? _____
What is the solar heat gain coefficient (SHGC) of these windows or is the glass clear? _____
What kind of glass did you install in your south windows if different from above? _____
What is the solar heat gain coefficient (SHGC) of the south windows or is the glass clear? _____

Were the overhang lengths installed as we recommended in the custom energy specs? _____

Was the wall detail where the roof framing met the wall the same as shown on our wall detail? _____
If no, how did it change? _____ Did you change the rafter thickness from what was shown on our plans? ____ (These items affect the overhang length.)
Did you install gutters on the south side? _____

Can you think of any other changes not discussed that you made related to the construction details, drawings, or specs/custom energy recommendations? _____

Heating & Cooling

Did your mechanical sub provide you with a projected energy analysis based on the heating and/or air conditioning equipment that they installed? ____ Did they provide a guarantee of your energy bills? ____
Is your house all electric? _____ If no, what is gas or other? _____

Did you install a PV system and if so, what kind and about how much power does it provide monthly or annually? _____

Did you install solar hot water and if so, what kind and about how much energy does it save or provide monthly or annually? _____

What kind of heating system did you install? _____

About what percentage of the time in winter do you heat with a wood stove? _____

What temperature is your winter thermostat set on? _____

What is the total amount in dollars that you spend on energy per year? _____

What is your electricity unit cost per KW? _____

What is your gas cost per unit? _____

What has been your highest bill and month? _____

What has been your lowest bill and month? _____

Have you found the house to be too cool in late spring? _____ (this is the challenging time for heating with passive solar design)

What kind of cooling system did you install? (include whole house fans) _____

Do you cool your house passively as much as possibly? (open the windows when it is below 76 degrees and 60% humidity) _____ What temperature is your summer thermostat set on? _____

In what rooms do you use ceiling fans for cooling? _____

Have you found the house to be too hot in later summer or early fall? _____ (this is the challenging time for cooling with passive solar design)

Comments on the comfort of your home: (temperature, etc.) _____

Our Drawings and Services

Did you and your builder find our construction drawings and details easy to follow or a little complex?

_____ If yes, explain? _____

Would you have preferred us to provide more drawings for a higher fee, less drawings for a lesser fee, or about the same? (please circle one) What in particular would you have liked? _____

Regarding assistance from us during construction: (select one)

_____ We did not need any assistance from Sun Plans during construction

_____ We did contact you during construction for some assistance. If we assisted you during construction, did you like the arrangement where you agreed to provide us with photos of the completed house and/or energy data on the house in exchange for our services during construction?

_____ Would you have been willing to pay a fixed fee for technical support from us to provide consulting during construction? ____ If yes, about how much? \$95, \$295, \$995, other _____ Would you have been willing to give us authorization to charge your credit card for up to \$95 each time you required assistance from us in lieu of a fixed fee? _____ Do you think it is better for us to raise our prices for blueprints and to include a minimum level of technical support on all of our house plans? _____

Overall, how would you rate your satisfaction with Sun Plans on a scale of 1-5? ("1" being the highest) _____

How could we improve our services? _____

Other comments on your home or our services: _____

(use more paper or attach other information as required)

I thank you again for your time.

Debbie