APPENDIX D
INTERVIEW SCHEDULE (IS)

1. How many years have you lived in your house?

2. What year was your house built?

3. Please describe how your passive solar house works:
   a. roof overhang
   b. window area faces south
   c. earth sheltered on north side
   d. windbreak evergreen trees on north side
   e. mass wall collects heat room(s)
      partial height
      full height
      vented __________
      unvented ________
      water type: Drumwall__ Kalwall tubes__ One Design__
      Other:
      concrete type: block__ poured__
      other (phase change, etc.):
   f. mass floor collects heat room(s)
      type:
   g. movable insulation insulates windows at night
   h. hybrid: describe

Other features:

What sources of information did you consult before buying or building your home?
   magazines__ (titles__________________________)
   Books__ (titles__________________________)
   Nat'l Cooling & Heating Information Service______
   federal government publications______
   state government publications______
   extension publications______
   utility publications______

4. System type:
   Direct gain____
   Direct gain/indirect gain____
   Direct gain hybrid____

5. Check one of the following statements which most accurately reflects the homeowner's involvement in the design and construction of the house.
   ___(0) No involvement.
   ___(1) Selected or helped select wall and/or floor finishes.
   ___(2) Worked with designer on floor plan and/or solar features.
   ___(3) Designed floor plan and/or solar features.
   ___(2) Contributed physical labor during construction.
   ___(3) Did most of the actual construction of the house.

Total: ___

6. Would you run me through a typical weekday's routine for your family:
   (KIT, DR, BR, BA=bath, FR, BS=basement, etc.)

<table>
<thead>
<tr>
<th>Order of occurrence</th>
<th>Room activity located</th>
<th>Time</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ a.m. wake up</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ use bath</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ dress</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ turn up thermostat</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ fire up woodstove</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ turn on space htr</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>__ fix breakfast</td>
<td>__</td>
<td>___</td>
<td>Who?</td>
</tr>
<tr>
<td>__ eat breakfast</td>
<td>__</td>
<td>___</td>
<td>___</td>
</tr>
</tbody>
</table>

All household members eat at same time? Yes ___ No ___
If not, indicate members and time for each:
(F=father, M=mother, D=daughter, S=son) ___ Time ___

___ open draperies/shutters ___
___ go to work ___ Who? ___
___ read ___
___ watch T.V. ___
___ yardwork ___
___ housework ___
___ return home ___
___ close shutters ___
___ turn on space htr ___

Comments: _________________________________________

APPENDIX D 2
Would you run me through a typical weekend day's routine:

<table>
<thead>
<tr>
<th>Order of occurrence</th>
<th>Room activity located</th>
<th>Time</th>
<th>Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.m. wake up</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>use bath</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dress</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>turn up thermostat</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>fire up woodstove</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>turn on space htr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>fix breakfast</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

eat breakfast

All household members eat at same time? Yes  No
If not, indicate members and time for each:
(P=father, M=mother, D=daughter, S=son)  Time

open draperies/shutters

turn down thermostat

go to work

read

watch T.V.

yardwork

housework

close shutters

return home


Comments:

How do you feel your family's daily routine differs now as compared to the daily routine in previous houses you've lived in?

- extra task: woodstove
- extra task: movable insulation
- extra task: operate vents
- activities occur in different rooms
- sit and look outside more
- family spends more time together
- family spends more time at home
- family member(s) spend more time working on house
- other:
<table>
<thead>
<tr>
<th>Sex</th>
<th>Age</th>
<th>Relationship</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

7a. Maintenance tasks for system and auxiliary heating:
(coded for intensity of involvement)

- (0) No maintenance tasks.
- (1) Opening/closing shutters (less than 5 mins. per day).
- (2) Opening/closing shutters (about 10 mins. per day).
- (3) Opening/closing shutters (over 10 mins. per day).
- (1) Operating vents or fans (less than 5 minutes per day).
- (2) Operating vents or fans (about 5 mins. per day).
- (3) Operating vents or fans (over 10 mins. per day).
- (1) Seasonally adjusting or applying shading devices.
- (3) Operating woodstove.

Total: ________________

7b. On a scale of one to five, what would you say your level of enjoyment is with the solar maintenance tasks (excluding woodstove operation)? 1 2 3 4 5

7c. On a scale of one to five, what would you say your level of enjoyment is with the woodstove operation? NA 1 2 3 4 5

APPENDIX D 4
I AM INTERESTED IN THE FURNISHINGS YOU CHOSE FOR YOUR HOUSE
(NOTE: ASK ONLY THOSE THAT ARE RELEVANT)

8. Window Treatments:

<table>
<thead>
<tr>
<th>Type</th>
<th>Mfr or description</th>
<th>Room</th>
<th>Satisfaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>pull down shade</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
<tr>
<td>pulley shade</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>draperies</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
<tr>
<td>pvc rolling shutter</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>horiz. 1&quot; blind</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
<tr>
<td>vertical blind</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
<tr>
<td>roman sh.(wood)</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
<tr>
<td>roman sh.(fabric)</td>
<td></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
</tr>
</tbody>
</table>

Comments______________________________

On a scale of 1 to 5, what would you say your level of enjoyment is with the operation of the window treatments? 1 2 3 4 5
Comments______________________________

9. Do you have any suggestions for designers of energy efficient window treatments or movable insulation?
   ___ easier to use
   ___ more insulating
   ___ better-looking
   ___ available in more colors
   other:

10. Floor covering (living area):
    a. ___ quarry tile (color_____reflectance____size____)
    b. ___ ceramic tile (color_____reflectance____size____)
    c. ___ brick floor(color_____reflectance____)
    d. ___ seamless vinyl covering (color_____reflectance____)
    e. ___ hardwood (stain:________finish:________)
    f. ___ pine or softwood (stain:________finish:________)
    g. ___ carpeting (color_____reflectance____type:________)

11. Do you feel that furniture was difficult to arrange in this house in any room? What room? ________ Other rooms? ________
    Very difficult to arrange ________ Somewhat difficult to arrange ________ Not difficult to arrange ________
    If so, why?______________________________

12. Have you noticed any problems with fading of fabrics or deterioration of surface finishes? Yes__ No__
    If yes, describe:__________________________

APPENDIX D 5
THERMAL COMFORT
(HYPOTHESIS 6 & 7)
13. What is the warmest area of the house in the winter? time of day

Is there anything you particularly do about the warm areas? Yes No
If yes, what do you do?

CODED AS NUMBERED: 0=less effective interior design or clothing management to conserve energy. 1-3=more effective interior design or clothing management to conserve energy.

(2) Take off some clothing (to short sleeves).
(3) Take off most of clothing (i.e. shorts and t-shirt).
(2) Move to another area of house.
(0) Close draperies or shades.
(0) Open windows to vent heated air outside.
(1) Turn on fan to circulate air to other part of house.
(0) Turn on air conditioning.
Other actions

14. What area of the house gets the coolest during the winter? 

Is there anything you particularly do about the cool areas? Yes No
If yes, what do you do?

CODED AS NUMBERED: 0=less effective interior design or clothing management to conserve energy. 1-3=more effective interior design or clothing management to conserve energy.

(1) Fire up woodstove/fireplace.
(2) Move closer to woodstove for warmth.
(0) Turn up auxiliary central heating.
(1) Turn on space heater (i.e. kerosene or electric).
(2) Put on a warm clothing item (i.e. a sweater).
(3) Put on two warm clothing items (i.e. sweater and hat).
(4) Put on three or more warm clothing items (sweater, vest, hat, insulated underwear, etc.).
Other actions
(HYPOTHESIS 6)

15a. Are there some areas of the house your family does not use in the wintertime? Yes____ No____ If yes, does the family sometimes close off the rooms from the heating? Yes____ No____
Yes=1

15b. Have you done any of the following things to conserve energy after the house was already built? (Each response coded as 1 and added with 13 and 14 for willingness to conserve energy index.)

___ a. added additional weatherstripping and insulation.
___ b. lowered water heater thermostat to below 110 degrees.
___ c. lowered thermostat of auxiliary central heating to below 65 degrees or keep indoor temperature with other auxiliary heating to below 65 degrees.
VISUAL COMFORT
(HYPOTHESES 6 & 7)

16. What measures have the homeowners taken to adapt to glare:

CODED AS NUMBERED: 0 = less effective interior design or clothing management to conserve energy. 1+ = more effective interior design or clothing management to conserve energy.

- (1) rearranged furniture to (0) seating facing south wall face away from window.
- (1) put on sunglasses.
- (1) put in many houseplants (0) close draperies to diffuse the light.
- (0) close draperies (0) no evidence of efforts to diffuse light.

Based on observation, indicate severity of glare problem (Document with photographic slides):
- severe problem.
- moderate problem.
- minor problem.
- no problem.

17. In walking through your house, I noticed the sunlight coming through those windows. How do you feel about the sunlight? (CODED: 0 = lower sunlight preference, 1 = higher sunlight preference)

First item mentioned:
- (1) The sunlight is great for raising plants.
- (1) I like the sunlight to sunbathe or just sit in the sun.
- (1) I really like the look of the sunlight in the room.
- (0) The sunlight sometimes bothers me so I close the shades.
- (0) I worry about the sunlight fading the furnishings.
- other:

18. Do you ever sit in the sun to read (in the house during the winter)?
- (0) Never  (1) Sometimes  (2) Often

19. Do you ever sunbathe in the wintertime in the house?
- (0) Never  (1) Sometimes  (2) Often

20. Do you sometimes just watch the sunlight in the room?
- (0) Never  (1) Sometimes  (2) Often

  Total (Satisfaction with Sunlight) 17 thru 20:

21. Where does television viewing occur?

Do you have problems with too much light or veiling reflections?
Yes  No  If yes, what have you done about it?
22. What are the most positive aspects of your house?
   ___ like the feeling of sunlight and warmth.
   ___ the energy savings.
   ___ the fact that we use a renewable energy resource.
   ___ the house design and layout fits our needs well.
   ___ location.
   ___ appearance.
   ___ innovative solar features.
   ___ site and yard.
   ___ neighborhood and neighbors.
   ___ ease of maintenance and convenience.
   ___ roominess and spaciousness.
   ___ low cost
   ___ other:

23. What are the most negative aspects?
   ___ not as much energy savings as expected.
   ___ too much sun.
   ___ not enough sunlight.
   ___ overheating.
   ___ appearance.
   ___ house doesn't fit in neighborhood.
   ___ house too small.
   ___ lack of privacy.
   ___ neighborhood and neighbors.
   ___ location
   ___ house design and layout does not fit our needs.
   ___ amount of maintenance and inconvenience.
   ___ traffic
   ___ cost of home.
   ___ other:

24. If there is anything you could change about your house, what would it be?
   ___ solar features simpler.
   ___ house larger.
   ___ look more conventional.
   ___ less costly.
   ___ location.
   ___ site and yard.
   ___ house design and layout.
   ___ maintenance.
   ___ neighborhood and neighbors.
   ___ appearance.
   ___ other:
25. Compared to previous homes you have owned or lived in, how is this house different?
   __ open plan or multi-purpose room.
   __ more sunlight in house.
   __ located in more secluded area.
   __ cozy and warmer in winter.
   __ cooler in summer.
   __ other:

26. Open Plan: Yes    No____
    I noticed that the living-dining-kitchen is open (no walls). Does this affect your family in anyway?
    __ acoustics can cause interference in activities.
    __ able to communicate with others in different area.
    __ able to supervise children better.
    __ other:
    What do you like best about the open plan?
    __ spaciousness and feeling of openness.
    __ uniqueness of design.
    __ can supervise children better.
    __ other:
    Is there anything you dislike about the open plan?
    __ acoustical conflicts when family members trying to do two different activities.
    __ not enough wall space to hang pictures.
    __ not enough walls to put furniture against.
    __ not enough storage space.
    __ other:

27. Where is your favorite place in the house? _______________________
    Why? _______________________________________________________
    The children's favorite place? _______________________

28. On a scale of 1-10 (10 being the highest), how would you rate your overall satisfaction with your home? _______
ENERGY CONSUMPTION

Location: 
Heating Degree Days: 
Square Footage (include walk-out basement): 

Type of auxiliary heating: Gas____ Oil____ Electric____ Kerosene____ Other:________

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</thead>
<tbody>
<tr>
<td>Electric</td>
<td></td>
<td></td>
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<tr>
<td>Gas</td>
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<td>Oil</td>
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<td>Kerosene</td>
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<td>Wood</td>
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<tr>
<td>Other:</td>
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</tr>
</tbody>
</table>

Average summer monthly bill: 
Total Utility Bills: ____

No. of auxiliary heating units consumed (#cords, #therms, etc.): 
____kWh electricity  ____gallons of oil  ____cords of wood  ____therms of gas  ____gallons of kerosene  ____other:________

Price paid per unit:____  
Total auxiliary heating bill:____

#Btu's per unit:____  
Total Number of Btu's consumed for auxiliary heating:____

29a. Index of Energy Conservation: 
Total #Btu's divided by Square Footage + Heating Degree Days =

29b. How satisfied are you with the heating bills you had this past winter? 
Very dissatisfied 1  2  3  4  5  Very satisfied
OBSERVATION SCHEDULE

Checklist on Observation of Physical Traces

1. PERCEIVED COMPLEXITY (HYPO 1)
   1. ___ evidence of modification of system to optimize or enhance the energy savings.
   2. ___ evidence of modification of system which might interfere with energy savings.
   Comment:

2. WILLINGNESS TO CONSERVE ENERGY (HYPO 5)
   ___ (1) furniture arranged around woodstove helps heat transfer.
   ___ (1) electric blankets, extra quilts (use rather than turn up thermostat)
   ___ (1) afghans, blankets, or warm clothing located in or adjacent to living area for warmth during cool periods.
   ___ (1) other:
   ___ (0) no evidence of willingness to conserve energy.

3. EFFECTIVE INTERIOR DESIGN TO CONSERVE ENERGY:
   (HYPO 6)
   Interior Design:
   Positive (+1)
   1. ___ high reflectance finishes for non-mass surfaces.
   2. ___ low reflectance finishes for mass surfaces.
   3. ___ furnishings used as heat storage. (i.e. ceramic table, etc.)
   4. ___ south wall free from any major obstructions.
   5. ___ all matte surfaces reduce reflected glare.

   Negative (0)
   1. ___ low reflectance finishes for non-mass surfaces help to overheat home.
   2. ___ high reflectance finishes for mass surface doesn't store heat well.
   3. ___ no evidence of furnishings used as heat storage.
   4. ___ furniture obstructing south wall.
   5. ___ shiny surfaces enhance reflected glare problem.
4. CONSISTENCY AND INTENSITY OF INVOLVEMENT WITH MAINTENANCE TASKS:

(HYPO 7)

(1) evidence of "tinkering" i.e. construction projects to enhance system, i.e. shutters, solar collectors, etc.
(1) shutters or window treatments show evidence of use
(1) vents or fans show evidence of use.
(1) other evidence:
(0) no evidence of involvement with home (i.e. shutters look as if they are rarely used, or central air system only involves turning up thermostat).

Comments:

Total Score: ________

5. VOLUNTARY SIMPLICITY (HYPO 8)

(1) refinishing furniture, carpentry work
(1) physical exercise (bicycle, weights, exercise mat, etc.)
(.5) ecological posters, Sierra Club calendars, Solar organization calendars.
(1) food preservation or vegetable gardening.
(1) recycling of cans, glass or newspapers
(.5) books on self-reliance, ecology, physical exercise, etc.
(1) other:
(0) no evidence of voluntary simplicity.

Total:

6. SATISFACTION (HYPO 11)

evidence of dissatisfaction or dysfunctions:
(0) restricted living room size creates congested living area.
(0) furniture obstructs south wall because of restricted room size.
(0) other evidence of dissatisfaction:

evidence of satisfaction:
(1) seating arranged around woodstove for warmth and enjoyment.
(1) comfortable chair in direct sunlight to enjoy sunlight.
(1) other evidence of satisfaction:
**SELF- ADMINISTERED SURVEY (SA)**

PLEASE INDICATE HOW STRONGLY YOU AGREE OR DISAGREE WITH THE FOLLOWING STATEMENTS BY CHECKING ONLY ONE BLANK FOR EACH STATEMENT:

1. Self-sufficiency is an important goal for our family.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree

2. Saving money is very important to us.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree

3. Using a renewable energy resource instead of fossil fuels is an important goal for our family.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree

4. Our home is compatible with the way we live.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree

5. If we were to buy another house, it would be different from this one.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree

6. Sometimes, we worry that we may lose money if we were to sell our house.
   - Strongly
   - Disagree
   - Neutral
   - Agree
   - Strongly
   - Agree
7. We are willing to go to a lot of trouble to conserve energy.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

8. Our house is comfortably warm in the wintertime.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

9. Our house is comfortably cool in the summer.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

10. Our house has saved us a lot on energy bills.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

11. We are very happy with our home.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

12. We sometimes find we do not have the time to do the solar maintenance tasks.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

13. We are consistent in performing solar maintenance tasks for our home.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

14. We especially enjoy the sunlight on the interior of our home.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

15. New ideas are very exciting to me.

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
</table>

APPENDIX D 15
16. How many years have you lived in your house? ____

When was your house built? ____

What type of solar system does your house contain? Check all that apply.

_____ Direct gain
_____ Indirect gain (such as Trombe wall, waterwall, Rodwall, etc.)
_____ Greenhouse or sunspace
_____ Active heating system
_____ Active hot water heating system
_____ Other, please describe:

17. Check any of the following statements which most accurately reflects your involvement in the design and construction of your house.

_____ House was already built and finished when purchased so was not involved in design or construction.
_____ Selected or helped select wall, floor finishes, or cabinetry.
_____ Worked with designer on floor plan and/or solar features.
_____ Designed floor plan and/or solar features.
_____ Contributed physical labor during construction.
_____ Did most of the actual construction of the house.

Check any of the statements which reflect your involvement with the operation of your home.

_____ No maintenance tasks for passive solar system.
_____ Opening/closing shutters or shades (less than 5 mins. daily).
_____ Opening/closing shutters or shades (about 10 mins. daily).
_____ Operating vents or fans.
_____ Seasonally adjusting or applying shading devices.
_____ Operating woodstove.
_____ Making repairs or adjustments to system.

Please indicate household members' sex and age:

Sex  Age

_____  _____
_____  _____
_____  _____
_____  _____
FOLLOWING ARE A FEW QUESTIONS ABOUT YOU AND YOUR HOUSEHOLD.

18. Does anyone in your household own any of the following? (CHECK ALL THAT APPLY)
1. ___ Video game
2. ___ Home computer
3. ___ Microwave oven
4. ___ Solar toys and gadgets (calculators, wristwatches, etc.)

19. Which of the following activities have you engaged in during the last year? (CHECK ALL THAT APPLY)
2. ___(1) Worked with others to help solve community problems
3. ___(3) Ran for political office
4. ___(1) Wrote a letter to the editor
5. ___(2) Made a speech
6. ___(2) Worked on a political campaign
7. ___(3) Wrote an article
8. ___(2) Was an officer of a community organization
9. ___(1) Signed a petition
10. ___(1) Often gave friends and neighbors advice
11. ___(0) None of these

WE NEED TO KNOW SOMETHING ABOUT YOUR FAMILY INCOME. THIS INFORMATION IS ANONYMOUS AND WILL NOT HAVE YOUR NAME ASSOCIATED WITH IT IN ANY WAY. IT WILL BE USED ONLY TO GROUP PEOPLE TOGETHER WHO HAVE SIMILAR INCOMES.

20. Please check off which category best represents the total annual income, before taxes, of your immediate family living in your household?
1. ___ Under $5000 a year (or under $96/wk.)
2. ___ $5000-$6999 a year (or $96-$134.50/wk.)
3. ___ $7000-$9999 a year (or $135-$192.50/wk.)
4. ___ $10,000-$11,999 a year (or $193-$229.50/wk.)
5. ___ $12,000-$14,999 a year (or $230-$288.50/wk.)
6. ___ $15,000-$19,999 a year (or $289-$383.50/wk.)
7. ___ $20,000-$24,999 a year (or $384-$480.50/wk.)
8. ___ $25,000-$34,999 a year (or $481-$672.50/wk.)
9. ___ $35,000-$44,999 a year (or $673-$864.50/wk.)
10. ___ $45,000-$54,999 a year (or $865-$1056.50/wk.)
11. ___ Over $55,000 a year (or over $1057/wk.)
21. Please check off which one of the following categories most nearly describes the kind of work the chief wage earner in your immediate family does. (If chief wage earner is unemployed, check off what type of work he/she would do if employed.)

(CHECK ONE)

1. ___ PROFESSIONAL WORKER: e.g. lawyer, doctor, scientist, teacher, systems analyst, musician, etc.
2. ___ WORKS AT A SKILLED TRADE OR CRAFT: e.g., printer, baker, tailor, RR engineer, plumber, or does mechanical work such as garage mechanic, carpenter.
3. ___ SEMI-SKILLED WORKER: e.g. operates a machine in a factory, is an assembly-line worker in a factory, drives a truck, taxi.
4. ___ MANAGER, EXECUTIVE, OR OFFICIAL: in business, government agency, or other organization.
5. ___ RUNS OWN BUSINESS WITH ONE OR MORE EMPLOYEES: e.g., store, factory, plumbing, contractor, etc.
6. ___ FARM OWNER, FARM MANAGER
7. ___ CLERICAL OR OFFICE WORKER: in business, government agency, or other type of organization, e.g. typist, secretary, postal
8. ___ SALES WORKER: e.g., a clerk in a store or a door-to-door salesperson
9. ___ MANUFACTURER'S REPRESENTATIVE: e.g., outside salesperson, salesperson.
10. ___ SERVICE WORKER WHO PERFORMS SERVICES: e.g., policemen, fireman, waiter, maid, or barber.
11. ___ LABORING WORKER (other than farm): e.g. plumber’s assistant, construction laborer, longshore
12. ___ FARM LABORER, FARM HELPER, OR FARM FOREMAN
13. ___ RETIRED
14. ___ FULL-TIME STUDENT
15. ___ HOUSWIFE
16. ___ OTHER (please specify)________________________________________

22. What is the highest level of education you have completed?

(CHECK ONE)

1. ___ Less than high school  4. ___ Some college
2. ___ High school graduate  5. ___ College graduate
3. ___ Trade or technical school  6. ___ Graduate work or more

APPENDIX D 18
HERE IS A SET OF STATEMENTS ABOUT ACTIVITIES THAT SOME PEOPLE ENGAGE IN. PLEASE INDICATE WHETHER AND HOW MUCH YOU OR MEMBERS OF YOUR HOUSEHOLD ENGAGE IN THESE ACTIVITIES.

23. Use a bicycle for transportation or recreation (CHECK ONE)
1. __ Very frequently ride bicycle.
2. __ Frequently ride bicycle.
3. __ Sometimes ride bicycle.
4. __ Never ride bicycle.

24. Recycle the newspapers, glass, or cans used at home. (CHECK ONE)
1. __ Recycle all of this material.
2. __ Most of this material.
3. __ About half of this material.
4. __ Some of this material.
5. __ Never recycle.

25. Developing and using skills to increase self-reliance, such as in carpentry, car, repair, food preservation. (CHECK ONE)
1. __ Very frequently use these skills.
2. __ Frequently use these skills.
3. __ Sometimes use these skills.
4. __ Rarely use these skills.

26. Buying clothing at a garage sale or second-hand store. (CHECK ONE)
1. __ All of the household's clothing.
2. __ Most items.
3. __ About half of the household's clothing.
4. __ A few items.
5. __ None of the household's clothing.

27. Contribute to ecologically-oriented organizations (such as the Sierra Club, etc.) (CHECK ONE).
1. __ Contribute regularly to 2 or more organizations.
2. __ Contribute regularly to 1 organization.
3. __ Occasionally contribute.
4. __ Used to contribute, but no longer do.
5. __ Never have contributed.

28. Engage in exercise for physical fitness (e.g. running, swimming, calisthenics, etc.)
1. __ Very frequently exercise.
2. __ Frequently exercise.
3. __ Sometimes exercise.
4. __ Rarely exercise.
HOUSING SATISFACTION SCALE

For each of the following housing characteristics rate how important each feature is to you. Then rate how satisfied you are with the feature. Rate the importance of the feature on a scale of 1 through 6 (1 indicates very unimportant; 6 indicates very important). Your satisfaction with the feature should also be rated on a scale of 1 through 6 (1 indicates very dissatisfied; 6 indicates very satisfied).

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2. STORAGE:

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<tr>
<td>Closet space in master bedroom (2a).</td>
<td>Closet space in other bedrooms (2b).</td>
<td>Storage for household linens (2c).</td>
<td>Storage for cleaning equipment and supplies (2d).</td>
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3. LIVING ROOM (note: if house has family room or recreation room, refer to room family uses most for family activities, i.e. tv-watching, etc.)

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<td>Flexibility in arrangement of furniture (3a).</td>
<td>Size of living area (3b).</td>
<td>Floor coverings (3c).</td>
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<td>4. DINING:</td>
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<td>1 2 3 4 5 6</td>
<td>Size of dining space (4a). 1 2 3 4 5 6</td>
<td>Location of dining area(s) (4b).</td>
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<td>Floor coverings (4c).</td>
<td>Flexibility of furniture arrangement (4d).</td>
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<td>5. KITCHEN:</td>
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<td>Amount of counter space (5a).</td>
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<td>Amount of storage space (5b).</td>
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<td>6. BEDROOMS:</td>
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<td>Flexibility in arranging furniture in master bedroom (6b).</td>
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<td>Flexibility in arranging furniture in other bedrooms (6c).</td>
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<td>Size of other bedrooms (6e).</td>
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<td>7. BATH:</td>
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<td>Size of bathroom(s) (7b).</td>
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<td>Arrangement of bathroom fixtures (7c).</td>
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