

DESIGN BRIEF

John Wu and Belinda Cars are a retired couple in their early sixties. They purchased this 1800 square foot bungalow in an established neighborhood of Berkeley California ten years ago as a retirement property. They like the size and its great location. They have maintained the house as a rental property over the years and, having now sold their large suburban family home, are ready to completely update the property.

The home was built in 1954 and has three bedrooms, 1 bathroom and a 2 car detached garage. John and Belinda want to preserve two of the bedrooms and use the third as a study for John's part time consulting practice. They would like an ensuite bathroom in addition to the existing full bath. Both John and Belinda like to cook and garden. They are looking for a simple open living space that opens out to a backyard living space.

To learn more about the clients, review their Residential Profile and Slow Home Test Results.

This is the Project Documentation Package for Part One of this week's *Design Project*. The goal of the *Design Project* exercises is to learn about the design process for making an existing home more Simple, Light, and Open. Review the Design Brief in this documentation package to understand what the client needs and wants for their home. Use the existing floor plan to analyze how Simple, Light and Open the home is in terms of these needs. For background information on what to look for, review the Simple Light Open description on the website.

Draw overtop of the plan as you analyze the house and then write down your observations about the design and your recommendations for change. When you are ready, watch John Brown complete the first part of the Design Project and compare your results. To discuss the exercise further with John, and other participants, add your comments to the blog. In the next segment we will be applying these recommendations to create a concept design.

RESIDENTIAL PROFILE - WU CARS RESIDENCE

1. Describe your goals for your house

A great place to enjoy retirement.

2. Describe Each Member of Your Household

| Age | Gender | Interests | Daily Commute Time | Travel Mode (walk, train, car) |
|-----|--------|-----------------------------|--------------------|-----------------------------------|
| 63 | M | Cooking, Gardening | N/A | |
| 62 | F | Cooking, Sailing, Gardening | N/A | |

3. Describe any changes to the composition of your household that you anticipate over the next five years:

None

4. List three words that best describe the way you currently live:

A big house

5. List three words that best describe the way you would like to live:

Nice, small house

6. Do you rent or own your house?

Rent

Own

7. How long do you plan to live in your current house?

Less than 3 years

More than 3 years

8. How much of your household budget would you like to devote to your house?

Less

About the same as I do now

Much more

1. Describe your current neighborhood:

City:

Berkeley

State/Province:

California

2. Why did you select this location:

Close to shopping and restaurants

3. Describe your current home:

Size: 1800

Year Built: 1954

Type: Single family detached

(single family detached, townhouse/rowhouse, low-rise condo, high-rise condo, other)

4. Why did you select this home?

Size, location

5. What do you like most about it?

Location, potential for back yard garden

6. What do you like least about it?

Inside and current rear yard

7. Rank the following uses in order of importance from 1 - 8 (1 being most important):

1 Living

4 Dining

5 Study / Office

3 Kitchen

5 Bedrooms

7 Bathrooms

2 Outdoor Living

6 Craft/ Hobby

8. What is the light score for your house?

Critical

Poor

Fair

Good

9. What is the open score for your house?

Poor

Fair

Good

10. What is the simple score for your house?

Poor

Fair

Good

THE SLOW HOME TEST - WU CARS RESIDENCE

SIMPLE (Score: Poor)

SIZE

1. My home is too big for my needs.

True False

USE

2. The bathrooms in my home are inefficient or too small

True False

3. _____ rooms in my house are difficult to furnish

Most Some Few/None

4. My home has a well defined interior entry space

True False

5. The bedrooms in my house are quiet and peaceful

True False

6. My house has a table at which everyone can eat

True False

7. My living room can accommodate most of my needs

True False

8. My television is unobtrusive and well integrated into my living space

True/ Don't have a TV False

9. My home has a convenient and quiet place to read or work

True False

10. My home has _____ closet and storage space

Too Much

The right amount

Not Enough

LIGHT (Score: Fair)

AFFORDABILITY

1. I live in a home that I cannot really afford

True False

PROXIMITY

2. I spend more than 45 min. each day commuting in my car

True False

3. I can walk, cycle or take a bus or train to go to work

True False

4. I can walk or cycle to buy groceries

True False

EMBODIED ENERGY

5. I live in a _____

Low/Hi Rise Condo
Attached Townhouse/Rowhouse
Detached single family home

6. My neighborhood is

< 5 years old 6-25 years old > 25 years old

7. My home is

< 1800 sqft 1800-2800 sqft > 2800sqft

OPERATING FOOTPRINT

8. My home can be kept warm or cool without mechanical means

Most of the time Some of the time Never

9. My home has _____ of the following:

energy smart appliances, low flow plumbing fixtures, a programmable thermostat, e and compact fluorescent bulbs
All Four Three Two One None

10. Most of the energy used by home comes from

Oil/Coal/I Don't Know
Natural Gas / Electricity
Renewable Sources (solar, wind, etc.)

OPEN (Score: Fair)

PRIVATE SPACE

1. My home has enough bedrooms for my needs

True False

ORGANIZATION

2. My living, dining and kitchen spaces are located in separate rooms

True False

3. The kitchen in my home is inefficient and hard to work in

True False

4. The layout of my home is poorly organized

True False

5. My home has _____ wasted space.

A Lot Some Very little

6. _____ rooms feel cramped and cluttered

Most Some Few/None

CONNECTION TO NATURE

7. My home has a good amount of natural light and ventilation

In all rooms In some rooms In few/no rooms

8. I feel connected to the outdoors from inside my home

True False

9. I have large windows/ doors in my main living spaces

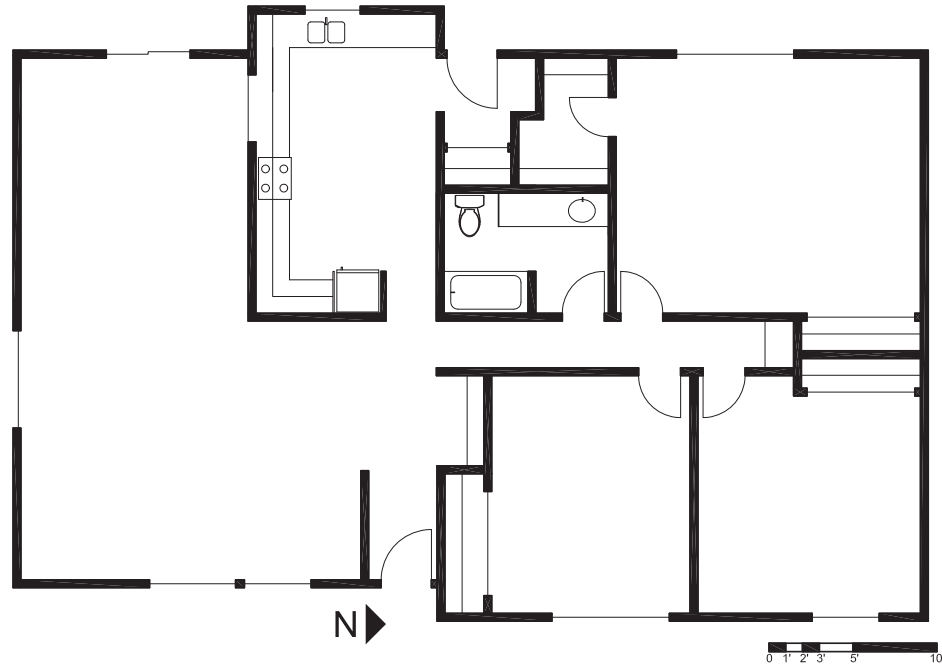
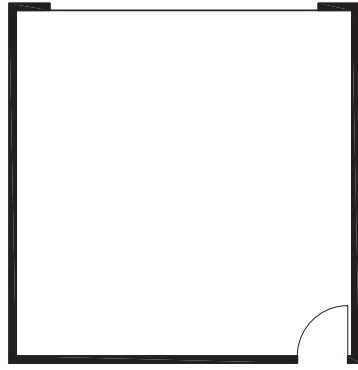
True False

10. I have an outdoor space that connects to my main living space.

True & it is often used

True & it is seldom used

False



05.26d Part One - Wu Cars Residence, California - Site Plan
DESIGN PROJECT

