

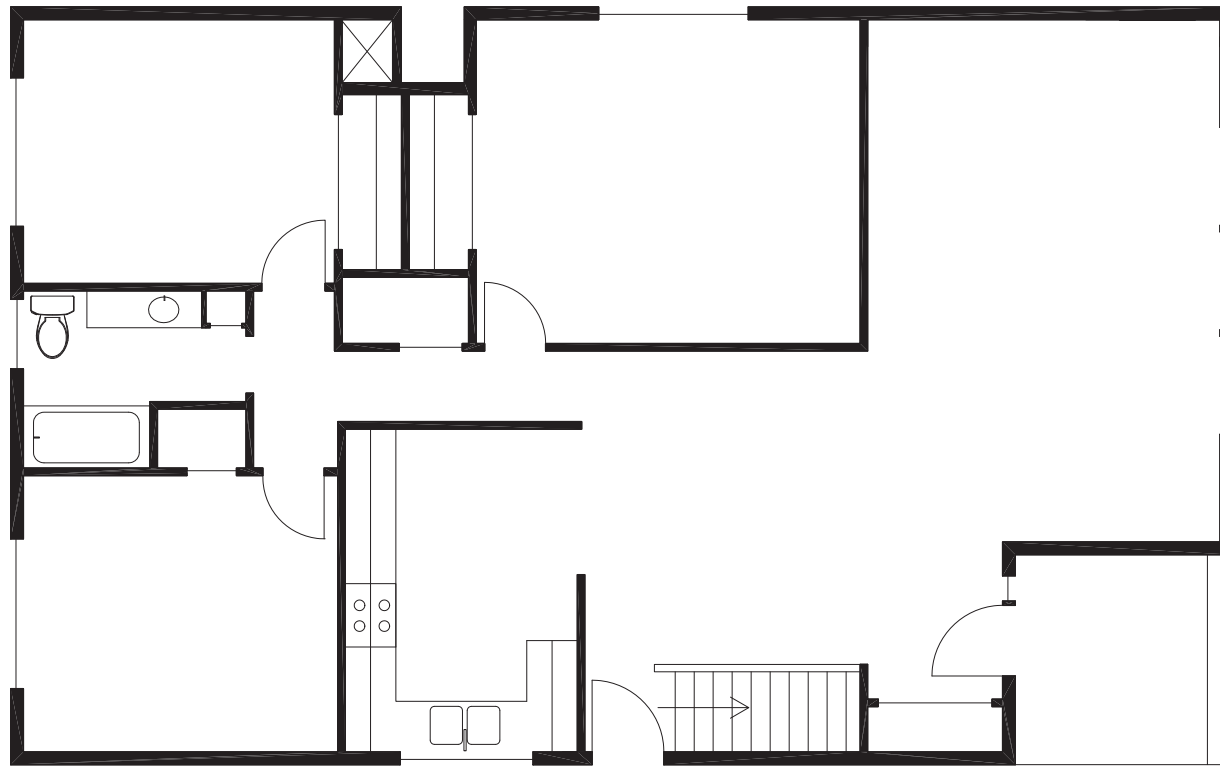
DESIGN BRIEF

Mildred Donnelly and Jim Fitzgerald are a professional couple in their early 40's. They have a six year old daughter and expect that Mildred's mother will be living with them for extended periods of time. The family recently decided to relocate from a newer subdivision out near the airport to an older more established community closer to downtown. They had to downsize slightly to afford the move, going from a 2100 square foot house into one that is only 1400 square feet. They decided to reserve a part of their budget for a renovation and ended up purchasing a 1960's era home that is in original condition. Mildred and Jim want to create a good family home with a single large living space. They purchased a bungalow because they want all of the bedrooms on the same floor. Because of Mildred's mother living in the house, they would also like to have a nice master bedroom and ensuite that will give them a bit of private space. In the future they intend to finish the basement with an additional bedroom for guests and a media room.

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 - DONNELLY FITZGERALD RESIDENCE

1. Describe your goals for your house

A nice family home that is easy to use and can accommodate Mildred's Mom

2. Describe Each Member of Your Household

Age	Gender	Interests	Daily Commute Time	Travel Mode (walk, train, car)
42	M	hiking, music	30 min	Car
40	F	opera, hiking	30 min	Car
6	F	games, soccer	15 min	Car
69	F	sewing	0	

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

A growing daughter

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

Too far away

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

Close, simple, easy

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:

Denver

State/Province:

Colorado

2. Why did you select this location:

Location, affordability

3. Describe your current home:

Size: 1400 sqft, Year Built: 1960's

Type: Single-family detached

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

4. Why did you select this home?

5. What do you like most about it?

The location

6. What do you like least about it?

Only one bathroom, bad kitchen

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

1 Living

5 Dining

6 Study / Office

4 Kitchen

2 Bedrooms

3 Bathrooms

7 Outdoor Living

8 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 - DONNELLY FITZGERALD 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 house 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