

## **The Mitchell Family Finished Basement Project**

The Mitchell family has come to you to design a finished basement plan for their home. Before you begin, there are two main ideas architects need to keep in mind when designing.

- 1. The Needs of the People**
- 2. The Particulars of the Space**

Satisfy these two items and you can consider yourself a good architect. Clients come to you to help them design and build a personalized space for their needs, tastes, wants, and budget. Therefore, it is important you know something about the clients themselves more than just “what kind of space” they want. Some items to consider could be...

*What are some things they like?*

*What do they need?*

*What are their typical daily activities?*

*What type of family are they?*

*How will they use the space you are designing?*

*What are some things that are important to them?*

Even though you are designing a space that is “inside” a pre-existing home, you still need to consider the site. The site, next to the house itself, is probably the most expensive item of investment and should be evaluated carefully. Some items to consider could be...

*What is the view from the windows and doors?*

*Is the topography rolling, or flat, high and dry or low and wet?*

*Are there any negative views you may not want to enhance or focus on?*

*What type of community is the house in? (Price ranges, rundown, up kept, etc.)*

*Any restrictions that could affect your design?*

Review the following given plan and family outline. Your job is to create a formal presentation board for your clients with the requirements listed at the end of this packet. The board should be easy to understand to the client and also a contractor who would bid on the job.



## **The Mitchell Family**

**Names:** Mike and Jennifer Mitchell

**Family Life:** Married three years, no kids, but large, close and local families.

**Jobs:** Mike is a parts supplier for trucking companies such as Mack Trucks and Peterbilt. He works long hours and would consider his job quite stressful and demanding. His job sometimes requires him to work from home during non-office hours. When he comes home he likes to unwind by just hanging out and take things slow.

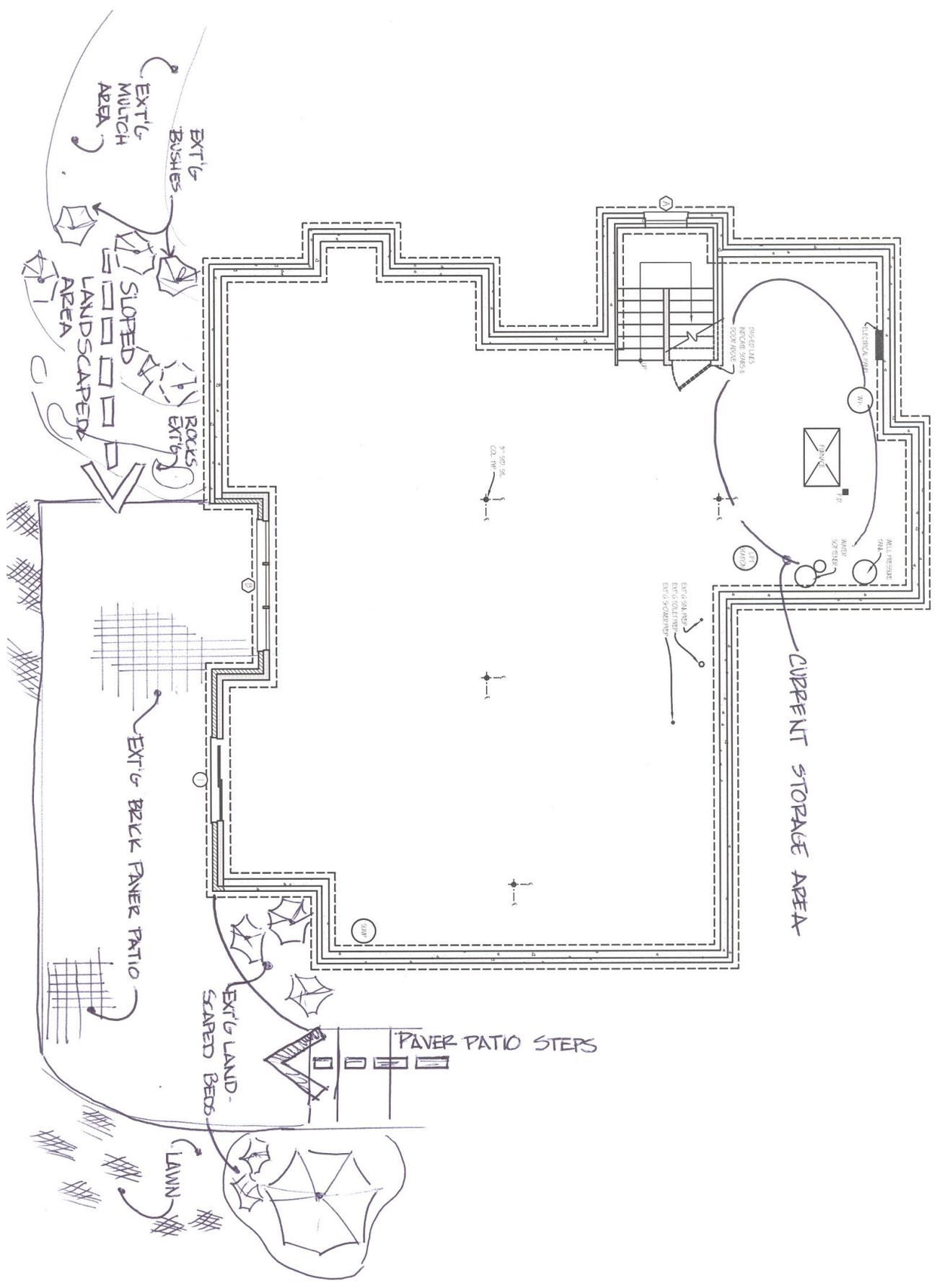
Jennifer is an accountant. She typically works 40 hours a week, but during tax season around 65. Her commute is 30 minutes and when she comes home she likes to do small household projects such as painting, furniture building, or gardening.

Both Mike and Jennifer are active people, they like to bike ride, jet-ski, and go hiking. They also like to read, watch comedy shows and movies, and have two dogs and a guinea pig. They would rather go camping than go to a 5-star resort.

### **Finished Basement Needs/ Interests:**

- Large Entertaining Space which can be both casual or on the formal side.
  - Open layout
- Good size kitchen area to do minimal cooking in, also make it into some type of snack bar seating set-up as well.
  - Full bathroom, possible to serve as a changing/ shower space for a future pool.
  - Want a nice peaceful space to relax, with a touch of formal, but also easy to clean.
    - Want plenty of storage space.
- Some type of workout room/space for a weight bench, some free-weights, treadmill, and elliptical.
- Want to take advantage of nice view from walk-out and the current brick paver patio.
  - Want a space that their friends and families will want to come and hang-out.

**Location:** Romeo, Michigan. 5 acre, scenic lot surrounded by trees, wildlife, and a river. Have an existing paver patio outside the sliding door wall with established landscaping.



EXT'G MULCH AREA

EXT'G BUSHES

SLOPED LANDSCAPED AREA

ROCKS EXT'G

EXT'G BACK PATIO

EXT'G LAND-SCAPED BEDS

LAWN

PAVER PATIO STEPS

CURRENT STORAGE AREA

RESERVED FOR SHOPS

WELL RESERVE

WATER STORAGE

EXT'G GAS LINE

EXT'G WATER LINE

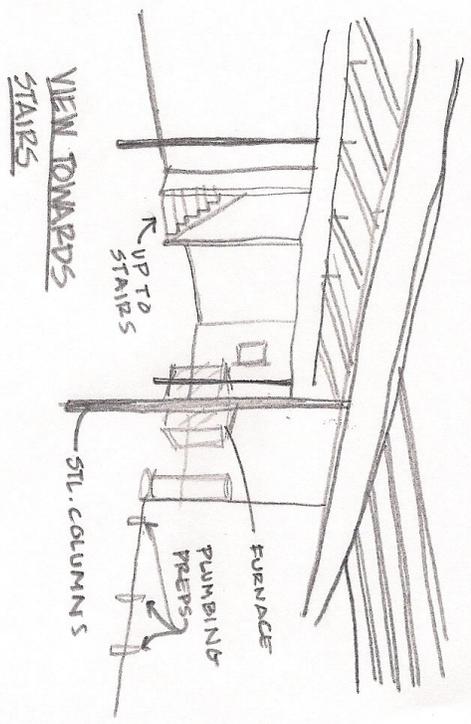
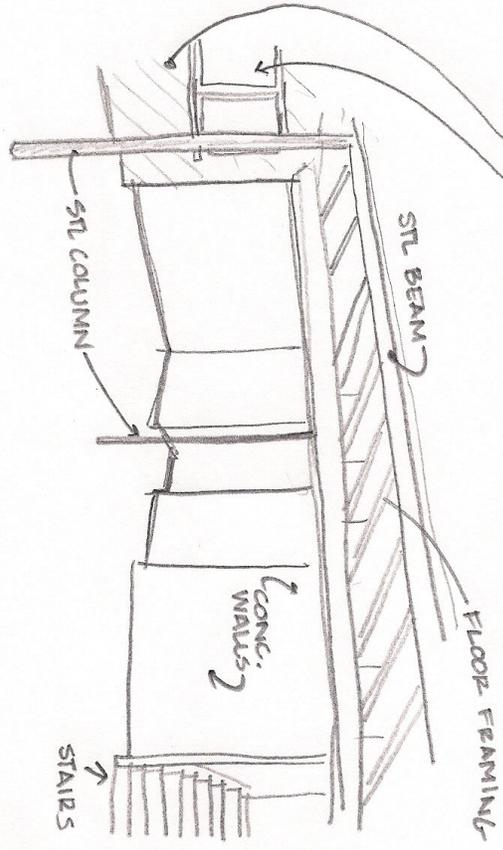
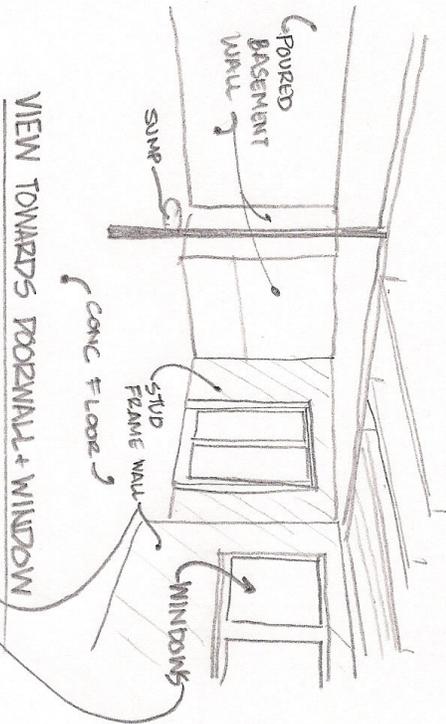
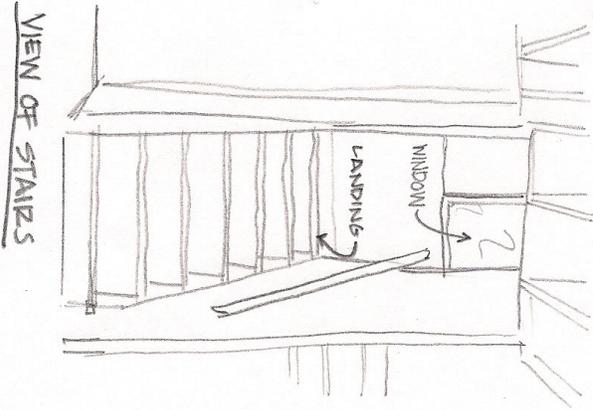
EXT'G ELECTRICAL

3/4" GAS

1" WATER

2" ELECTRICAL

# Existing Conditions Sketches



DRAWN BY:  
 PETER F. CHANG  
 09.20.2020

## Project Requirements

Begin by hand sketching some possible finished basement layouts that would fit the needs of your client. You may need to sketch 2,3, 6 options until you get an idea you like. Sign and date them and you will have them scanned in for your portfolio.

In CAD draw a **Presentation Floor Plan**. Show walls, windows, doors, furniture, room titles and overall general room dimensions or notes. Scale of the plan will be undetermined but use the 1-4 Sizes for your lettering. (FYI: This is not a *Construction Document Floor Plan* which is technical showing exact dimensions, construction and structural notes)

Print your floor plan as a .pdf. Open this .pdf in Photoshop to render. Here you can show colors of things such as the flooring, furniture, and fixtures. You may need to darken the walls in so they read easier and be sure your notes and room names still read well even after rendering.

Final Presentation will be printed on an 11x17 board.

Room labels, Board Title, and any needed notes. (*Someone looking at the board should be able to understand it without you explaining to them*).

Stated finished square footage of the finished basement storage

Client Description

Going above and beyond: A 3-D model or interior perspective drawing

