

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 four years, no kids, but large, close and local families.

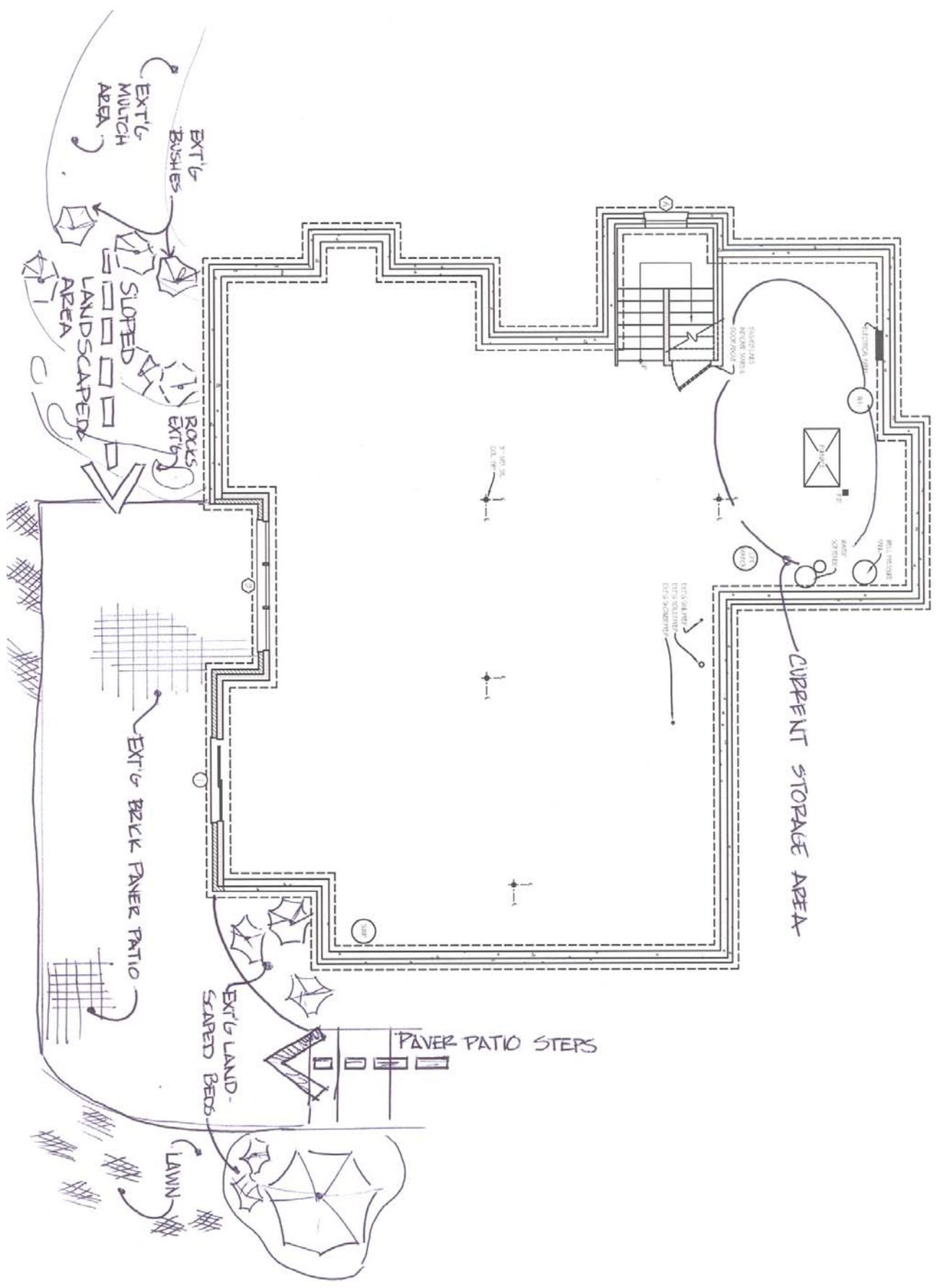
Jobs: Mike is a parts supplier for trucking companies such as Mack Trucks and Peterbilt. He works long hours and would consider his job quite stressful and demanding. His job sometimes requires him to work from home during non-office hours. When he comes home he likes to unwind by just hanging out and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

Jennifer is high school guidance counselor. When school is in session, she also works long hours and often brings work home with her. The summer months are her time to unwind.

Needs/ Interests:

- Large Entertaining Space which can be both casual or on the formal side.
 - Open layout
- Good size kitchen area to do some cooking in, also make it into some type of bar seating set-up at 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.
- 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.

Location: Romeo, Michigan. Scenic lot in nice neighborhood, surrounded by trees, wildlife, and a river. Have an existing paver patio outside the sliding door wall with established landscaping.



EXT' MULCH AREA

EXT' BUSHES

SLOPED LANDSCAPED AREA

ROCKS EXT'

EXT' BACK PAVER PATIO

EXT' LAND-SCAPED BEDS

PAVER PATIO STEPS

LAWN

CURRENT STORAGE AREA

STAIRS

HALL

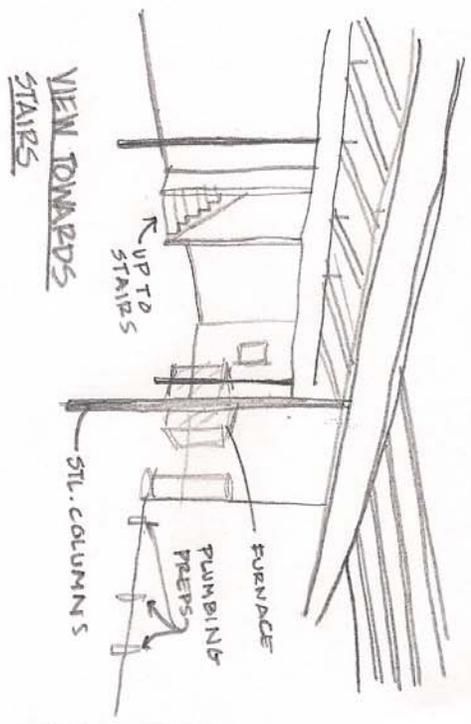
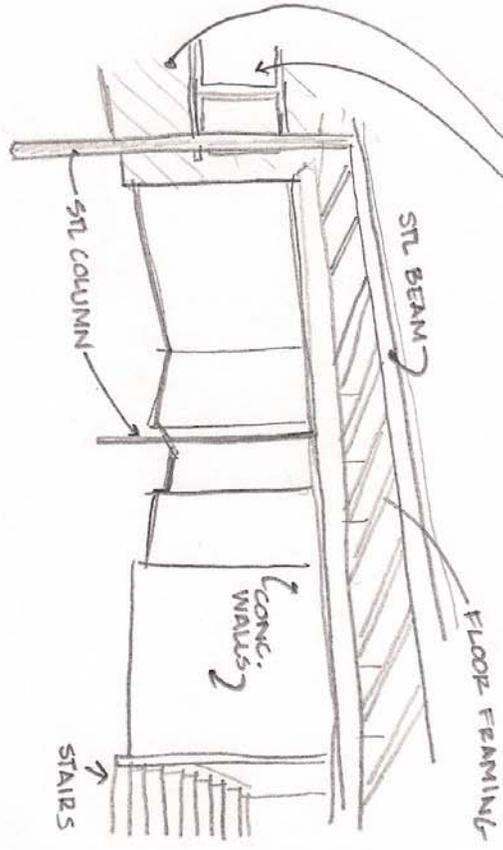
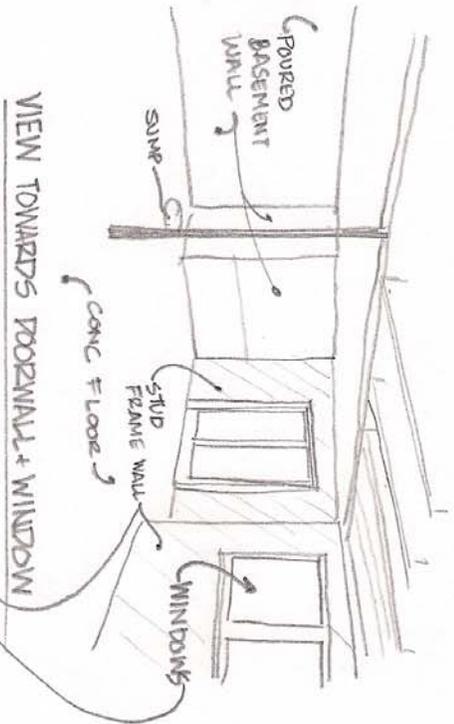
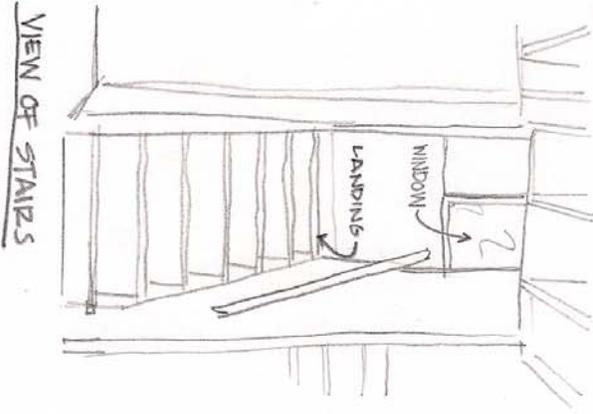
BATH

11' 0" 1/2

11' 0" 1/2

11' 0" 1/2

Existing Conditions Sketches



DRAWN BY:
 PETER F. CHANIC
 09.20.2020

Project Requirements

Draw a presentation style floor plan, rendered, with overall room dimensions. (*Scale is undetermined*)

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.

Color as deemed necessary.

Furniture shown

Client Description

Extra Credit: A 3-D model or interior perspective drawing.



Examples of Presentation Style Floor Plans.

Location

Mountainside

- Mountain locations afford dramatic views of the surrounding mountains and valleys below.
- The building must be able to withstand snowy weather and cold temperatures.
- This mountain is popular with hikers and skiers, so there are a lot of visitors year round.

Elevation

My House Design

72'

72'

Clients

Name: Che
Job: Soccer Player
Needs/Interests:

- Workout room
- Hot tub or sauna
- Small informal kitchen

Name: Tony
Job: Found Object Artist
Needs/Interests:

- Workshop and studio
- Space to display sculptures

Print

General

Select Printer

- HP DesignJet 800PS 42 by HP
- HP DeskJet 1220C Printer
- hp deskjet 6122 series

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An example of a presentation layout with client information.