Design project

a tiny house
Objectives

- Intro to Tiny house project
- Your client profile
- Scope of the project
- Group presentation
  - week 10a - 3/2, Tuesday
  - Informal Precedent study group presentation on Tiny House
Tiny House - project information

- Tiny mobile house
- Dimension
  - Footprint: 19’ x 8’
    - 152 square foot
    - Porch: 7.5’ x 3’
Elevation at the entrance

- **Main floor**
  - Ceiling height: 6’-3”
- **Loft floor**
  - Loft height: 3’-8”
Door and windows

- **Elevation at the entrance**
- **Entrance door height** – 6’
- **Window height** 3’ and window sill at 3’ A.F.F.
  - Total of 6 double hung windows and 1 large fixed window
- **Loft window height** 24” and loft window sill at 10” above ceiling line
House plans

- **Main floor**
  - 1 entrance door
  - 6 double hung windows
  - 1 large fixed window
  - A small porch

- **Loft area**
  - 2 fixed small loft windows
  - With pitched roof
Client’s needs

- Design a tiny house for a college student
  - Love outdoor
  - Urban style
  - Make the house - versatile and multipurpose use of space in architectural and non-architectural elements

- Spaces needed in the house
  - Kitchen
  - Bathroom
  - Living and Sleeping area
    - Eating area
    - Seating area
    - Bedroom
      - for queen size bed or min. full size bed
  - Storage
    - Clothing or General
  - Do not need to design the porch area
Homework – Research (ready to present on Tuesday) - Tuesday after back from spring break

- PowerPoint slide presentation (group of 2 or 3)
- Urban style
  - Briefly explain the style
  - Provide at least 3 images to support your statements
- How are you going to incorporate outdoor into interior space?
  - Briefly explain how you are going to do it
  - Provide at least 3 images to support your ideas
- How are you going to make a room into a multipurpose use space through architectural elements?
  - Briefly explain at least 3 of your conceptual ideas
  - Provide at least 3 images to support your ideas
- How non-architectural elements can be used in multipurpose way?
  - Briefly explain at least 3 of your conceptual ideas
  - Provide at least 3 images to support your ideas
Lastly, do a precedent study on a tiny house

Research on the house

You can find in these links or you can find it somewhere else


Provide

- Profile of the owner(s)
- What make this tiny house a great and unique house?
- Briefly explain how the designer creates
  - multipurpose use space through architectural elements
  - multipurpose non-architectural elements

Provide at least 5 images to support your statements

Must include the resources at the end of slide presentation

Here the example of the presentation link (from previous group)

In house work today

- Get into your group
  - 2 or 3 students in a group
- Use the class time to finish the research presentation
- Slide presentation must in PowerPoint