Tiny House Outline

Need to do:

* Flyer (use website) in terms to advertise to builders
* Planning out of Revit, Plumbing, electricity, all the bells and whistles.
* Complete outline on Website,
* Calculate materials cost
* Pros/Cons of tiny house
* Interior layout and prints
* Eco usage of materials

Tasks:

- Prepare scale drawings or architectural designs, using computer-aided design or other tools. See more occupations related to this task.
  - use revit for floor plan
- Plan or design structures such as residences, office buildings, theatres, factories, or other structural properties in accordance with environmental, safety, or other regulations.
- Direct activities of technicians engaged in preparing drawings or specification documents. See more occupations related to this task.
- Prepare contract documents for building contractors. See more occupations related to this task.
- Prepare information regarding design, structure specifications, materials, color, equipment, estimated costs, or construction time.
  - Budget and marketing
  - Very nice poster
    - How can a couple use a tiny home?
Skills

- Critical Thinking
- Speaking
- Active Listening
- Complex Problem Solving
- Judgment and Decision Making
Assignment Outline:

I-Introduction to Tiny Houses: Living Large in a Small Space

a. Class Discussion

b. Video on Tiny Houses from the Internet
   https://www.youtube.com/watch?v=yGomaVCVYfM II.

II-Notes Tiny Houses: Living Large in a Small Space

b. Living in a Tiny House

*answer on word document*

1. What are they?

   Typical small or tiny house is between 100 and 400 square feet which often enable simpler living in a smaller, more efficient space.

2. Why people choose to live in them

   Many people chose to live in tiny houses for either Environmental, Economic, or Recreational reasons. Environmental, because the tiny houses can often be self sufficient, allowing usage of solar power, composting, and creates a smaller carbon footprint than usual houses, but still may rely on cars to move around. Economic reasons because the cost for a Tiny house can be 10 times cheaper than a conventional house, as well as the ability to build your own with lower costs. Recreational, for the relaxation for being away from conventional struggles and being in nature and no longer stifled by conventional society, being free.

3. Facts about tiny house people

   Often feel freer in a tiny house. They have financial stability as a result of not having to make rent or mortgage payments. Some even reduce the carbon footprint by making their tiny homes eco-friendly. Lastly, tiny houses and the money saved by the good insulation of tiny houses can enable tiny house people to travel more often and increase their overall satisfaction level.

4. Planning a tiny house

BRAINSTORM: Need;
Jada C. Heredia, Rose Goodman

Tiny House

- Layout for living
  - two floors
- Multiple uses for items in building
- Compact design for everything

5. Construction of a tiny house

- wall thickness: a typical 2×4 stud wall with 1/2” drywall on either side is 4-1/2” thick.
- Exterior dimensions: 20′ long, 13’5″ high, 8’6″ wide at the wheels, 7’4″ wide at the walls
- Interior dimensions: 6’8″ wide and 10’6″ high inside

6. Interiors of a tiny house

Contains;

- Cooking materials
- Storage space
- Sleeping Space
- Way to control functions of house
- Cleaning Space
- Survival methods (Food, Maintaining shelter, Water preservation)

7. Eco-friendly

- rooftop solar system
- water collection system that filters and stores rainwater(recycles)
- (Nature Loo’s) composting toilet
- Beetle Kill Pine (wood), glass

III. Tiny Houses: Living Large in Small Spaces Project

  c. Directions

  1. Design your own tiny house

  d. Grading

  1. Design Plan

  2. Floor Plan
Jada C. Heredia, Rose Goodman

Tiny House

3. Materials Budget
4. Marketing Plan to Sell the House
5. 3D Model

c. Project must have:
1. Tiny House Design Plan
2. Floor Plan
3. Materials Budget
4. Marketing Plan to Sell House
5. Model of Tiny House

IV. Component 1: Tiny House Design Plan
V. Component 2: Graph Paper for Floor Plan
VI. Component 3: Materials Budget Sheet
VII. Component 4: Marketing Planning Sheet
VIII. Component 5: 3D Model Plan