

Example Design Development Sheet

A Special Structure for a Special Client

You are to be the architect and the builder of a special structure for a special client. Architects and builders design and build their buildings to fit the needs of the client who will live in the building. You will need to fill in the blanks below, and then use the information as you design and build the model of your structure.

1. Your client's name

Anton the Anteater

2. Draw a picture of your client (or clients) on your three by five-inch card. If you drew your client life-size, it would be hard to build a structure that would fit and still get it in this room, so this drawing will become the scale for the building. (see drawing on the next page)
3. List the activities you think your client would like to do or need to do in their daily life. They probably all like to eat. Some may like to play musical instruments, watch TV, have hobbies, etc. Think about ideas. Try to be specific about them, as you list them. Don't just put down, "sleep." Think about where and how they would sleep. Architects call these things design criteria.

A. Eat ice cream cones with friends	B. Likes to have friendly 'whose got the longest tongue' type competitions with other anteater friends
C. Might like to add ants for sprinkles	D. Likes to make and wear cone-shaped party hats
E. Likes to dig in mounds of soil	F. Likes to create new ice cream flavors
G. Likes to climb trees and other tall structures	H. Likes to spend time alone between ice cream socials

4. Now list the spaces you will have to design to be built to fulfill the needs you have determined for your client. For example, if there is a need to eat, you will have to provide places for cooking, storing food and dishes and for eating. If there is a need for exercise or comfortable relaxation, you will need to provide for that.

A. A place to get together with a group of friends to eat ice cream	B. A place with mirrors and cameras to practice his tongue acrobatics
C. A freezer to store the ice cream	D. A craft studio with art supplies for his party hat production
E. A place for jars full of ants and insects to sprinkle over the ice cream	F. A desk to sit at, think, dream, and write down recipes. Also, a test kitchen!
G. Tall climbable structures inside and out	H. A quiet and cozy place to relax

5. Draw a picture of your structure from the front, one side and looking into it straight down from the top. You will then have a front elevation, a side elevation and a floor plan. Put the cut-out of your client against the front of the structure and include the client in the drawing.

(see drawings on the following pages)

6. On the back of this sheet, write a paragraph about why you think your client likes the structure you have designed. (see paragraph on the next page)

Example Final Project

A Special Structure for a Special Client

Assigned Client Slip

Design and build a home for an anteater, who likes to have friends in for ice cream cones.

Client Drawing - Anton the Anteater



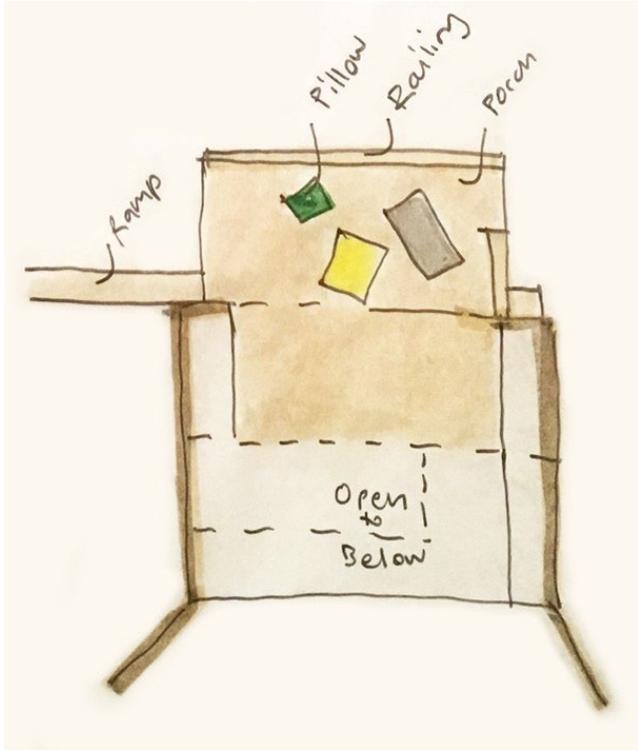
Response to #6 on the Design Development Sheet

I created two distinct spaces, one for social gatherings and one for alone time. I think my client will like the chance to retreat and relax after hanging out with his friends. I tried to give him everything he needs to host his ice cream socials. A freezer, a table, and two hangout spaces, one inside and one outside. I added a lot of cone-shaped details, since he seems to like that shape. I also incorporated a lot of tall, climbable elements, which I thought he'd enjoy. I made the structure look welcoming and made sure every one of Anton's friends will be able to join in on the fun.

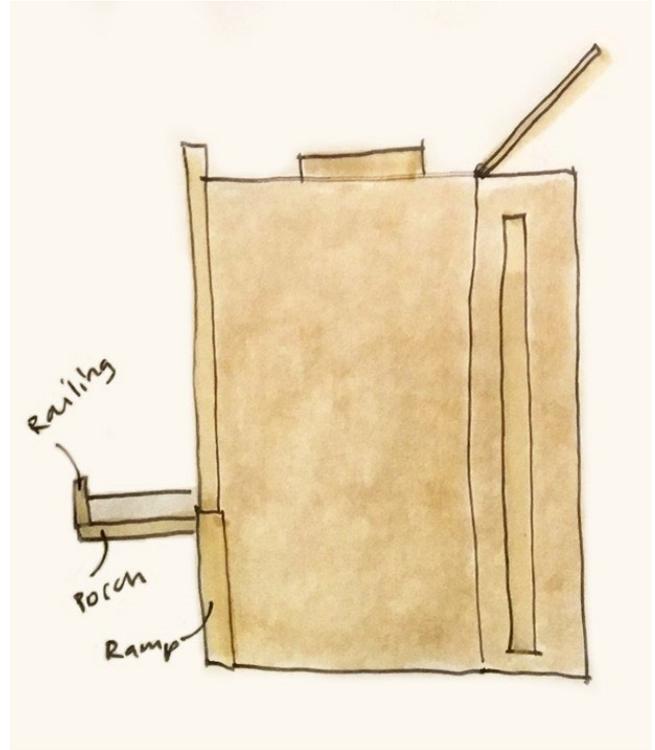
Example Final Project

A Special Structure for a Special Client

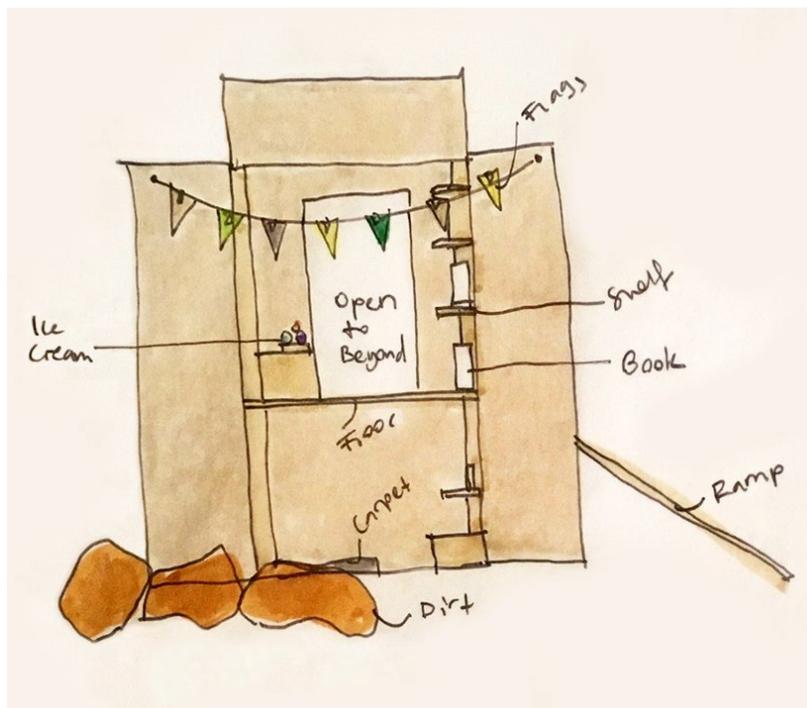
Front Elevation Drawing



Side Elevation Drawing



Floor Plan Drawing



Example Final Project

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3D Model of the Client's Home

