



# ARCHITECTURE

## Merit Badge Requirements

- 1) Tour your community and list the different building types you see. Try to identify buildings that can be associated with a specific period of history. Make a sketch of the building you most admire.
- 2) Arrange to meet with an architect. Ask to see the architect's office and talk about the following:
  - A) Careers in architecture.
  - B) Educational requirements.
  - C) Tools an architect uses.
  - D) Processes involved in a building project.
- 3) Arrange to visit a construction project with the project's architect. Ask to see the construction drawings so that you can compare how the project is drawn on paper to how it is actually built. Notice the different building materials. Find out how they are to be used, why they were selected, and what determines how they are being put together.
- 4) Interview the owner or occupant of a home or other building (your "client"). Find out what your client's requirements would be for designing a new home or business facility. Write down all of your client's requirements that you think would affect layout or design of the new facility.
- 5) Measure your bedroom. Make an accurately scaled drawing of the floor plan indicating walls, doors, windows, and furniture. Neatly label your drawing, including your name and the date. (Drawing scale: 1/4 inch = 1 foot)

# Requirement 1

Take a tour of your community. Use the spaces below to list the different building types you see:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Try to identify buildings that can be associated with a specific period of history. List the building and the historical period:

Building: _____	Historical Period: _____
Building: _____	Historical Period: _____
Building: _____	Historical Period: _____
Building: _____	Historical Period: _____
Building: _____	Historical Period: _____
Building: _____	Historical Period: _____

In the space below, make a sketch of the building you most admire:



## Requirement 2

Arrange to meet with an architect. Talk with the architect and find out the following information:

What are some of the careers in architecture? \_\_\_\_\_

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What are some of the educational requirements for becoming an architect? \_\_\_\_\_

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What are some of the tools that an architect uses? \_\_\_\_\_

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What are some of the processes involved in a building project? \_\_\_\_\_

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## Requirement 3

Arrange to visit a construction project with the project's architect.

Construction Project Visited: \_\_\_\_\_ Architect: \_\_\_\_\_

Ask to see the construction drawings so that you can compare how the project is drawn on paper and how it is actually built. Give a brief description of the drawings and what you saw: \_\_\_\_\_

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List some of the materials being used for this project and tell why they were selected.

Material: \_\_\_\_\_ Why Was This Material Selected? \_\_\_\_\_

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Material: \_\_\_\_\_ Why Was This Material Selected? \_\_\_\_\_

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Material: \_\_\_\_\_ Why Was This Material Selected? \_\_\_\_\_

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Material: \_\_\_\_\_ Why Was This Material Selected? \_\_\_\_\_

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Material: \_\_\_\_\_ Why Was This Material Selected? \_\_\_\_\_

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Tell what determines how the materials are put together: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Requirement 4**

Interview the owner or occupant of a home or other building (your "client"):

"Client's" Name: \_\_\_\_\_

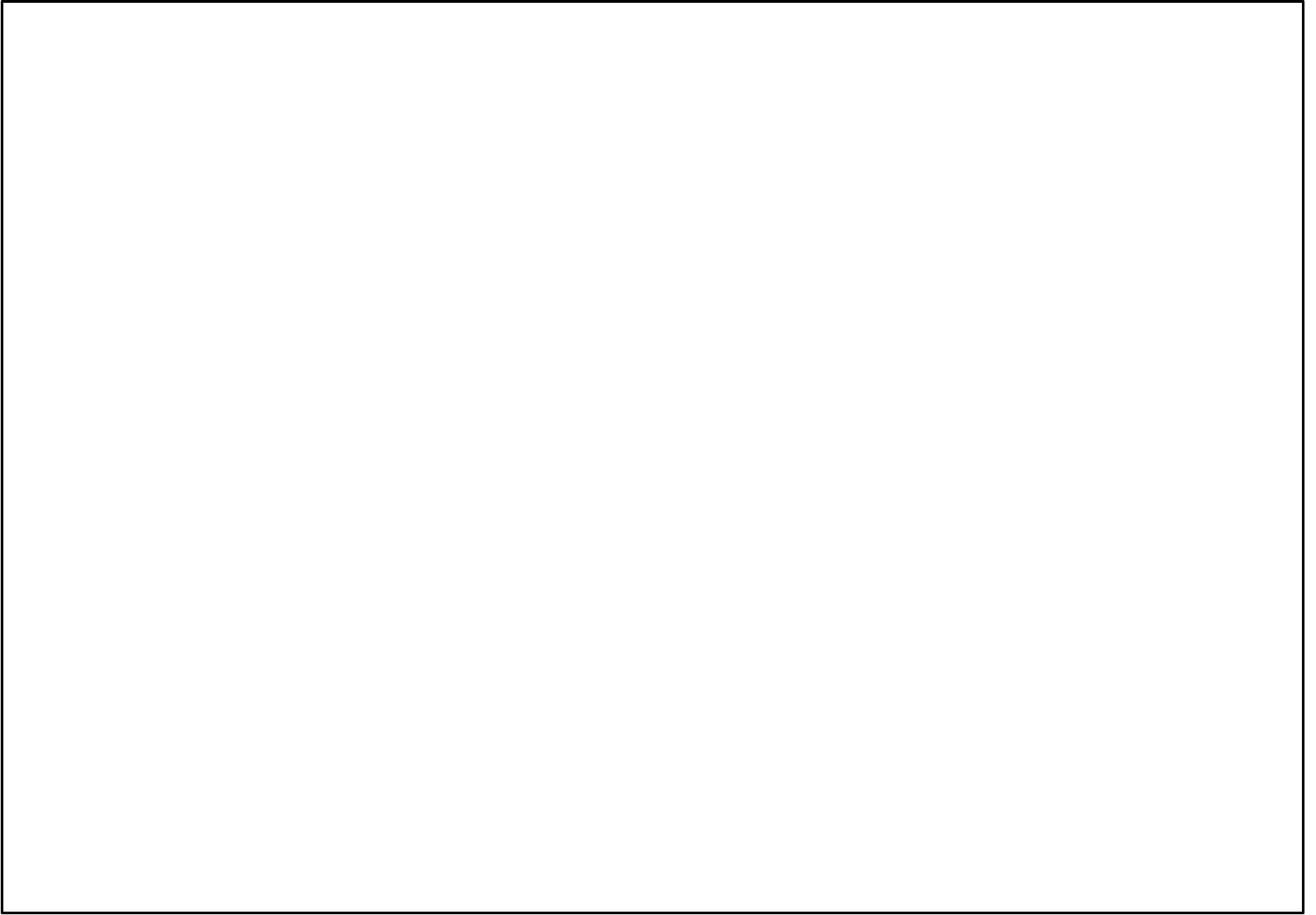
Give a brief description of the clients current home or building: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

After the interview, tell what your client's requirements would be for designing a new home or business facility: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Write down all of your client's requirements that you think would affect layout or design of the new facility: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Requirement 5**

Measure your bedroom. Use the following page to make an accurately scaled drawing of the floor plan indicating walls, doors, windows, and furniture. Neatly label your drawing, including your name and the date. (Drawing Scale: 1/4 inch = 1 foot)



Name: \_\_\_\_\_

Date: \_\_\_\_\_

Scale: 1/4 Inch = 1 Foot