



# Architectural Technology

## “ A community hub ”

### Precedent Study

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#### The Idea:

The aim of this project is to develop a proposal for a structure that combines a noticeable landmark with a multi functional space that can cater to a number of creative performances.

As a precedent study, I have looked at various monuments from around the world that was designed to achieve height through an Architectural perspective.

# Achieving Height

## Non-habitable space

examples of landmarks that are not buildings



The Washington Monument

The Eiffel tower



Using stronger, lighter materials

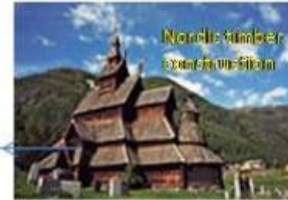


Stonehenge

Due to space

## Habitable space

Examples of tall buildings



Borgund stave church



200-meter class buildings in Shinjuku and other areas in Tokyo

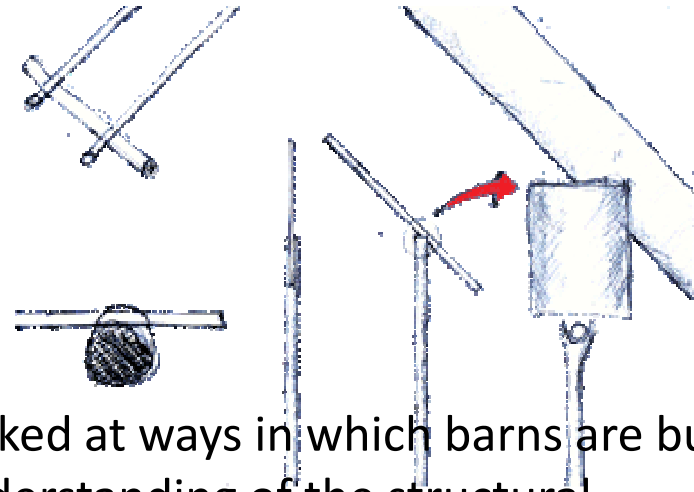
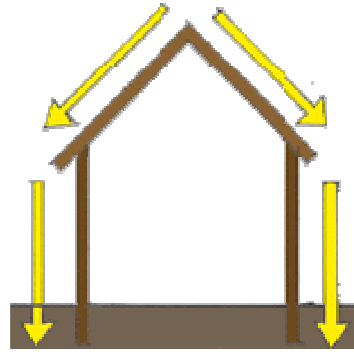


Houses of Parliament, London

How does the function of these buildings influence its form ?

This area creates a space within and around the monument. This is a good way of combining a landmark with a working space.

# Technical components



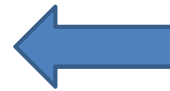
As a case point I have looked at ways in which barns are built. This gave me a better understanding of the structural implications of building with gum poles. Although gum poles are easy to use, they must still be grounded well for the structure to maintain its integrity and the activities that will take place on them. It is recommended that they are incased in concrete at a depth of 600mm into the ground.



# Lighting up the neighborhood.



Two of the most profound happenings of the twentieth century was the rise of the Socialist Democrats (Nazi's) in Germany and the 9-11 events in New York. As the picture on the left shows, a wonderful use of light has been created as a memorial to the World Trade centre, but this is reminiscent of Albert Speers' Cathedral of Light, used at rallies in Nuremburg before the war. The concept is sound though, for it creates a perfect focus point and draw one's attention to the area.



Some creative designs in light fixtures.

