

CONCEPTUAL SKETCHES

SHEET NUMBER 10

Existing Nature

Summary

I have taken
Frank Lloyd Wright's
holes and embedded
them in my own
letterbox.

NZQA
Assessed

Contilevered Boxes

Vertical
&
Horizontal
Planes

THINKING 1

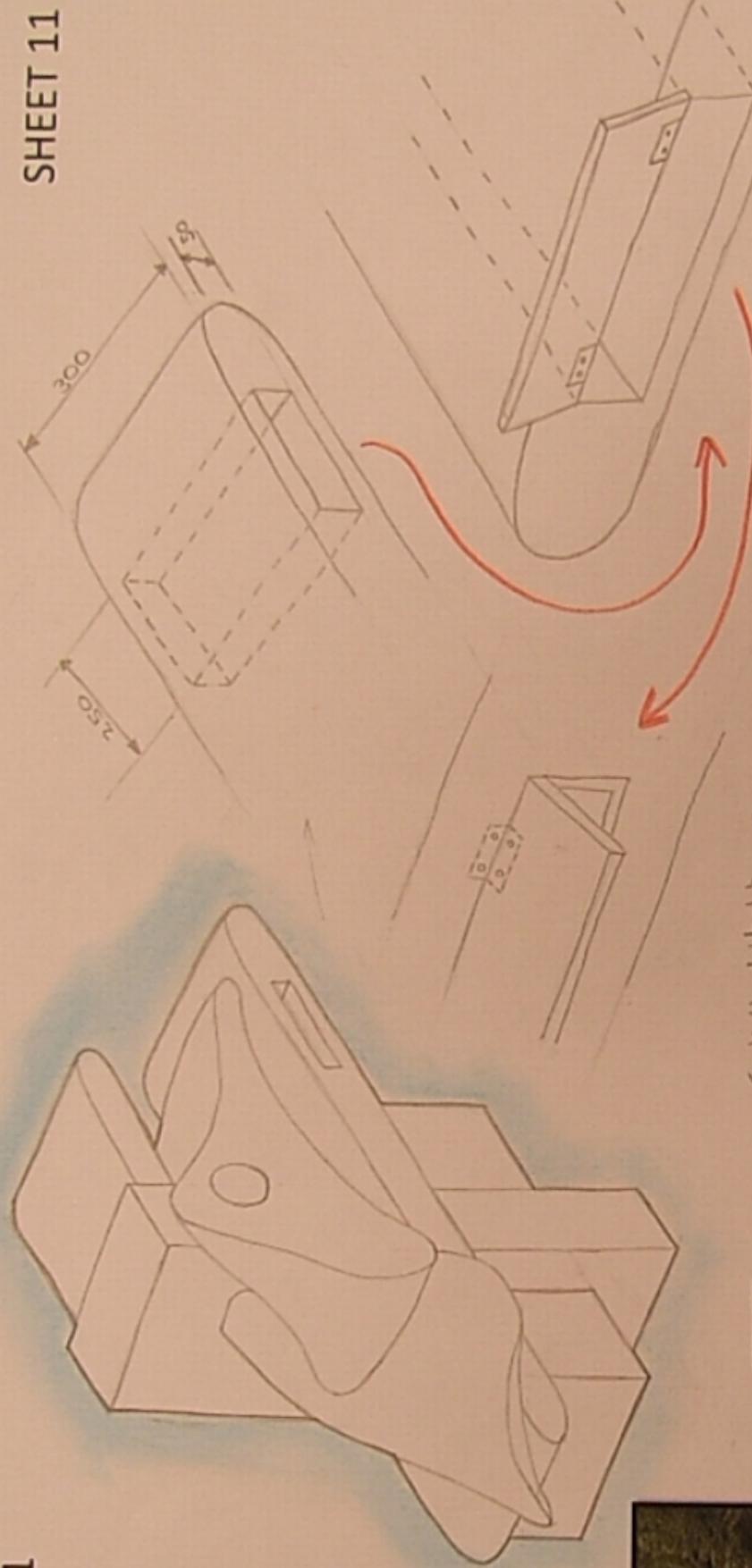
SHEET 11

-MINIMUM SIZES

SLOT:

CONTAINER:

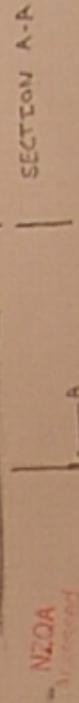
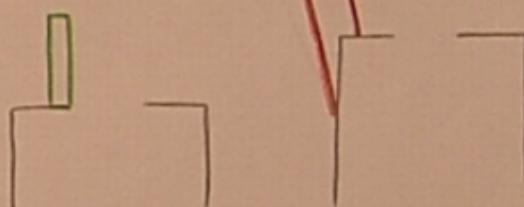
OPENING:



Frank Lloyd Wright uses cantilevered forms in his buildings. He used this trait as a form of weather protection. This works well to protect from water as it comes into the slot.

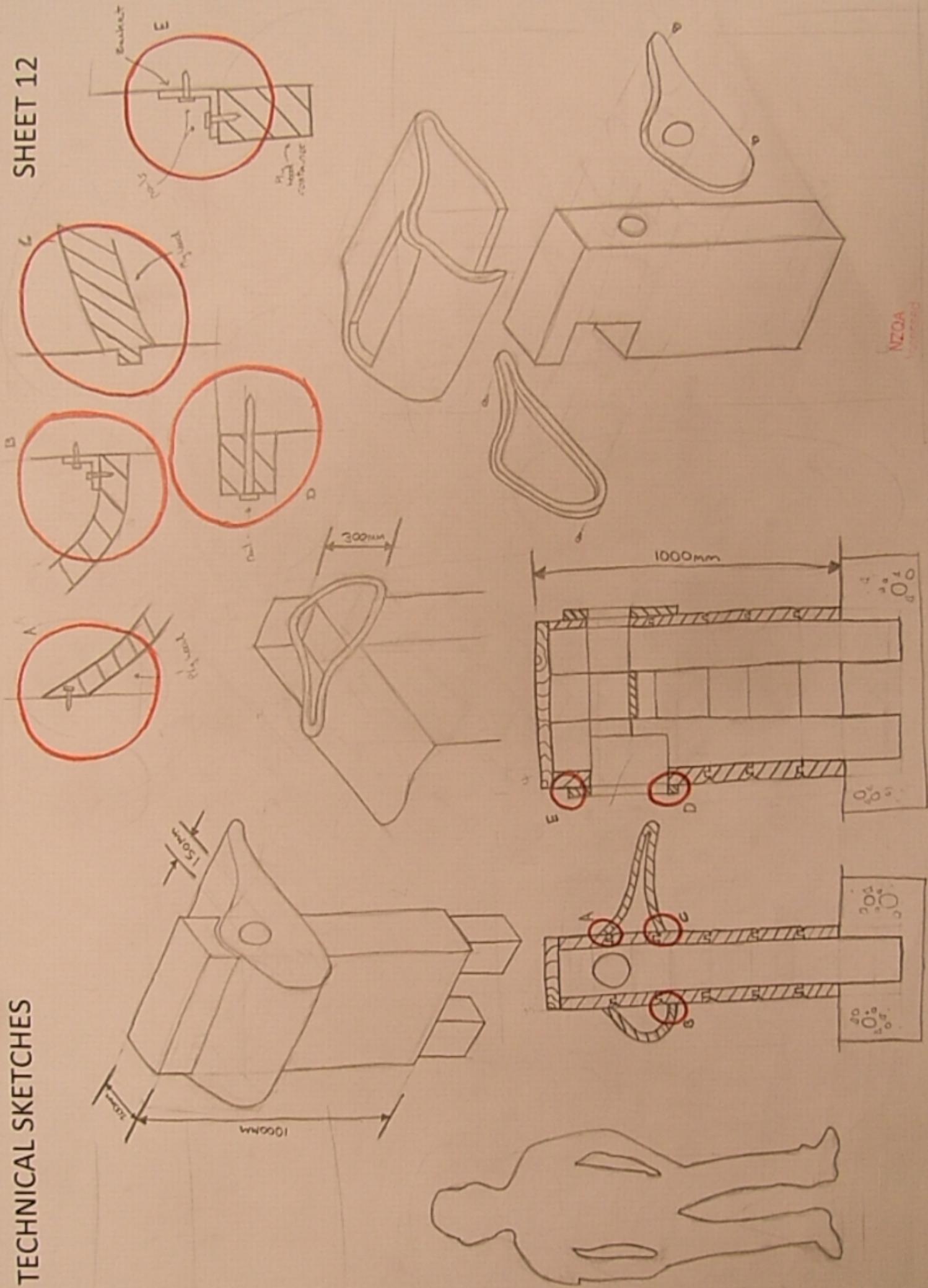


A tool used by Frank Lloyd Wright is called a rough form. It has a slot to protect organisms similar in my mailbox design. This is the best option because it functions like



SHEET 12

TECHNICAL SKETCHES



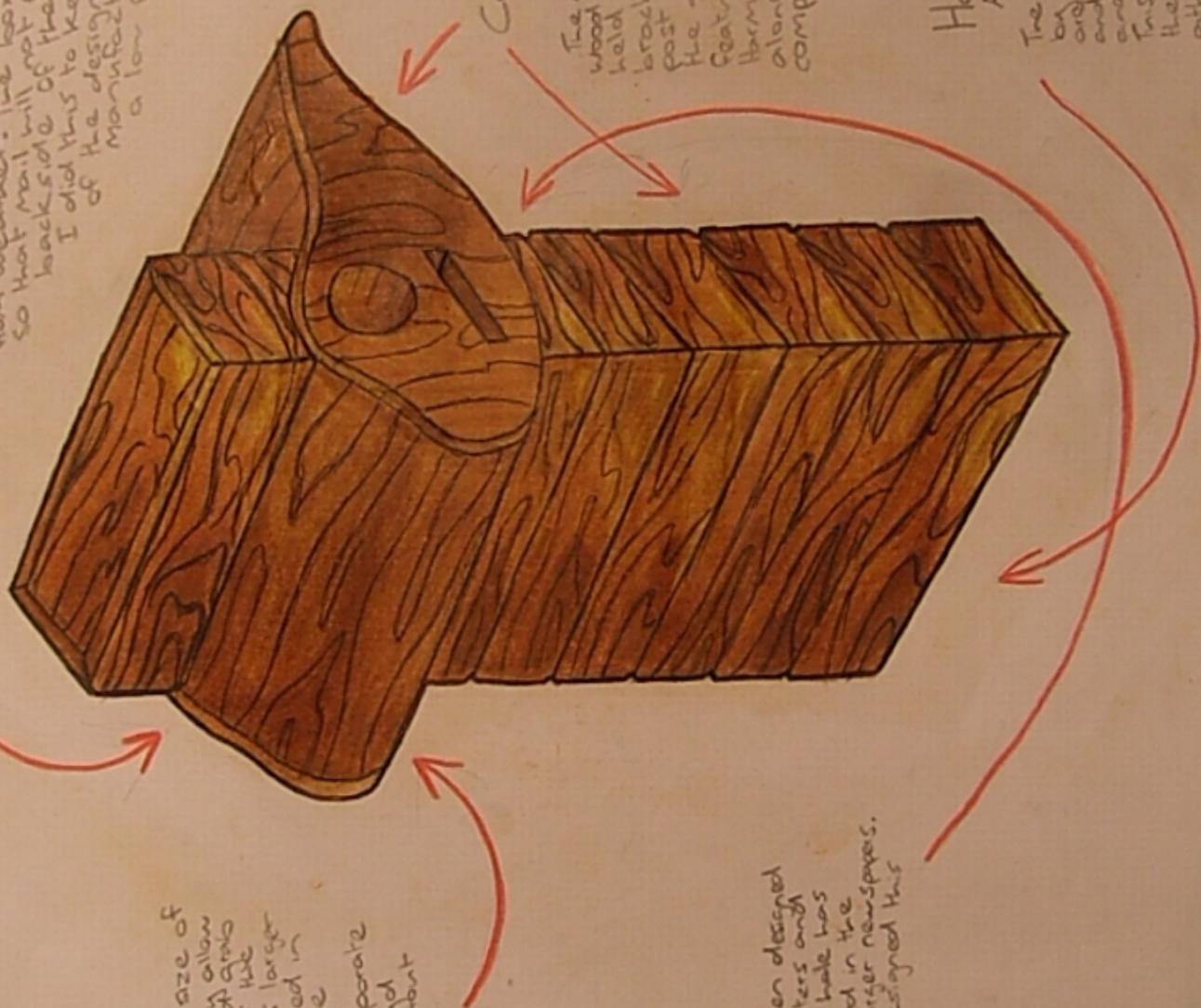
DESIGN SUMMARY

Secure Opening

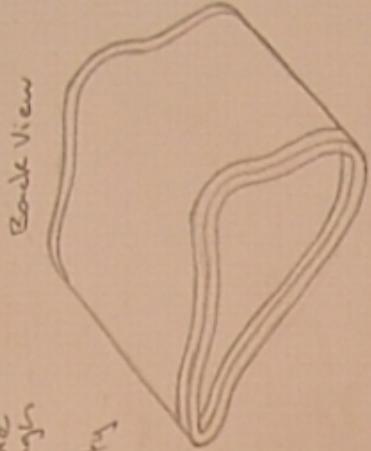
The container has been designed with enough depth to protect the mail inside from weather. The box is deep enough so that mail will not fall out the back side of the letter box. I did this to keep the simplicity of the design and easily manufactured at a low price.

Size of Container

I have enlarged the size of the container to easily allow a letter inside and hold more. The large size of the container also allows larger packages to be placed in the back side of the box. The container is covered to incorporate the front of Frank Lloyd Wright seen throughout his designs.



SHEET NUMBER 13



Back View

Construction/Materials

The container has been constructed out of plan wood that has been coated in varnish. The plan wood together by nails and a bracket. The bracket along with nails is attached to the post allowing the container to be raised above the ground. Wood is used as it is a common feature of Frank Lloyd Wright. This creates harmony by using natural materials which alongside a wooden house, it would complement very well.

Size of Slot

The size of slot has been designed large enough to fit letters and colored papers inside. A hole has also been incorporated in the design which will fit longer newspapers. The slots have been designed this way to easily fit mail.

How Held Off Ground

And Height

The container is elevated off the ground by two wooden posts. These wooden posts are surrounded by composite tongue and groove cladding to stop water and rain from the weather. This is a great design because it makes the mailbox durable as well as aesthetically pleasing.

Level 1 Design and Visual Communication

91063: Produce freehand sketches to communicate design ideas

Exemplar for Merit

This submission explores the aesthetic features of shape, form and visual texture, along with functional features of construction and assembly. There is some evidence of proportion using dimensions and showing the object relative to human form. Exploration of the use and operation of the product could strengthen this submission, especially in relation to the items it would contain, and how they were placed in, and removed from the letterbox.