

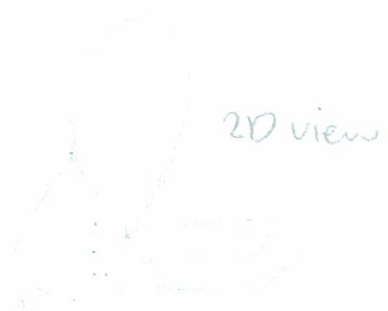
## Level 1 Design and Visual Communication

AS91063      Produce freehand sketches that communicate design ideas

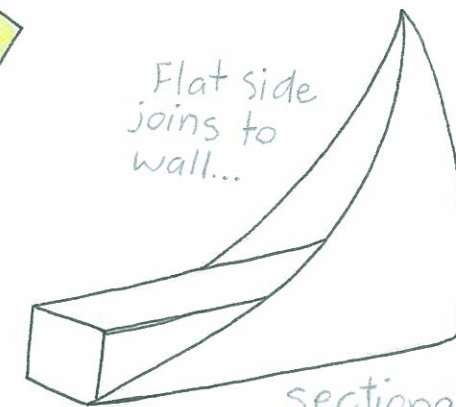
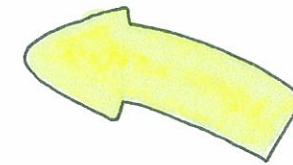
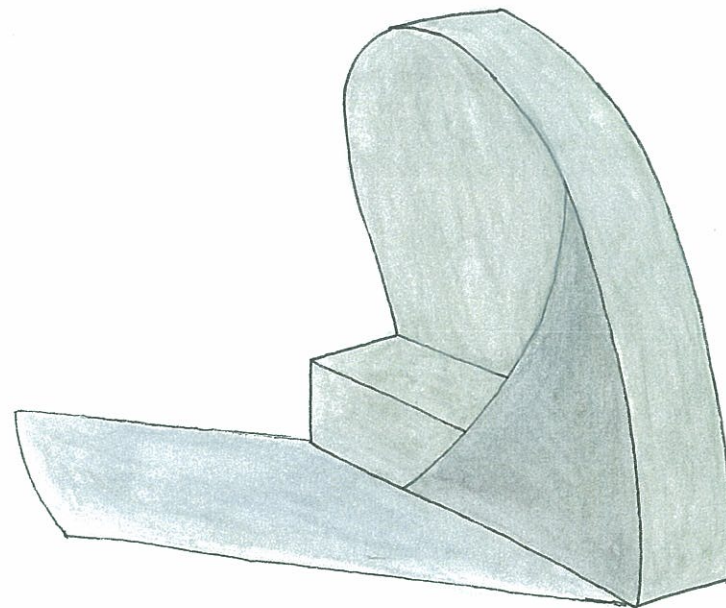
### Exemplar for Achieved

In this submission there is emerging evidence of proportion, construction and operation. However, this is not sufficient to substantiate a Merit grade. This Achieve grade could be further strengthened by an in-depth investigation into construction of functional features.

# EXPLORATIONS



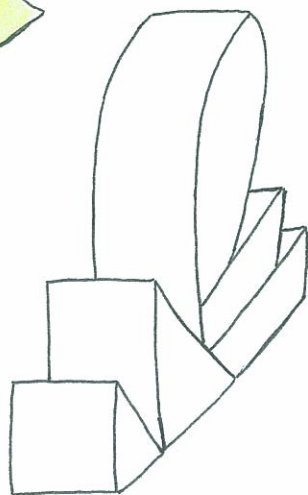
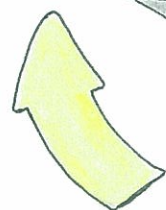
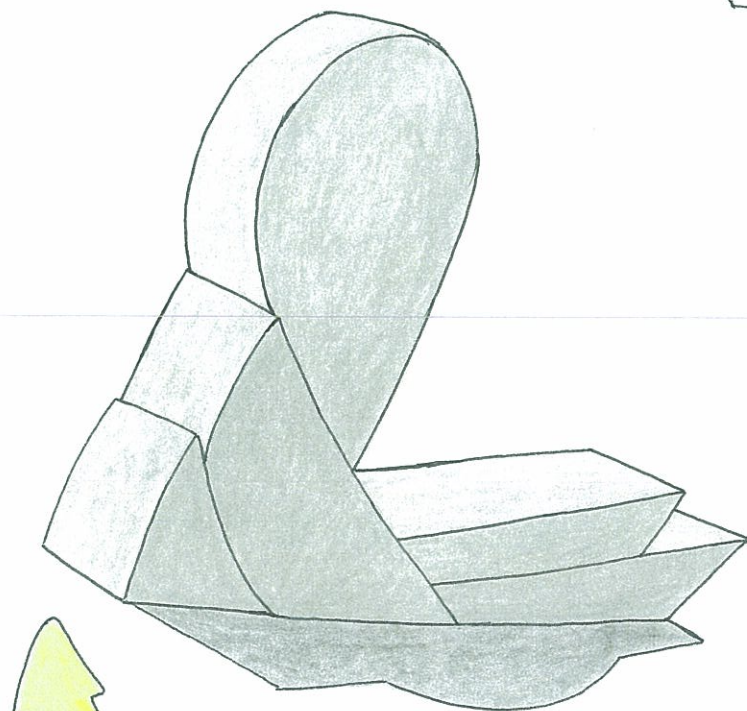
2D view



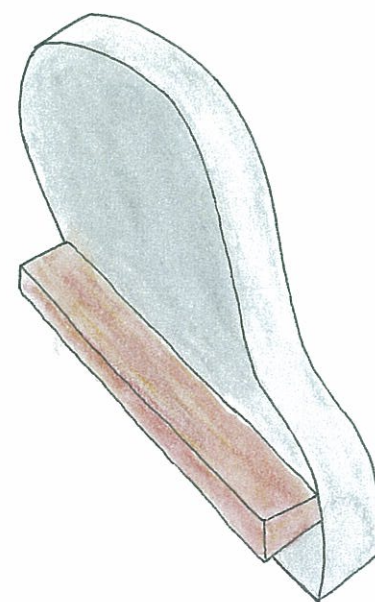
Flat side  
joins to  
wall...

surface curved  
to act as a shade...

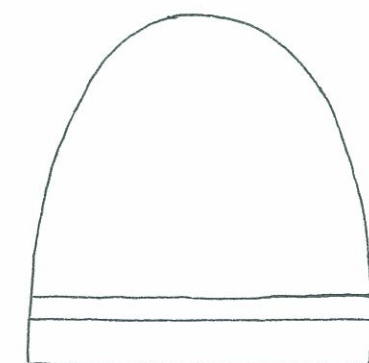
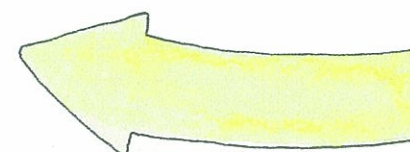
sectional view



Exploded view

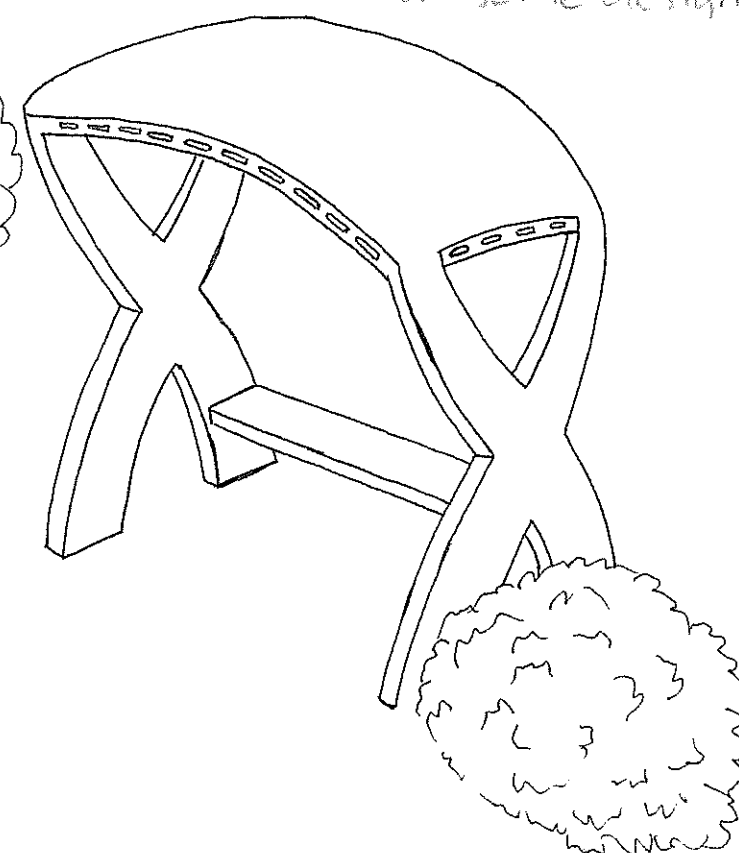
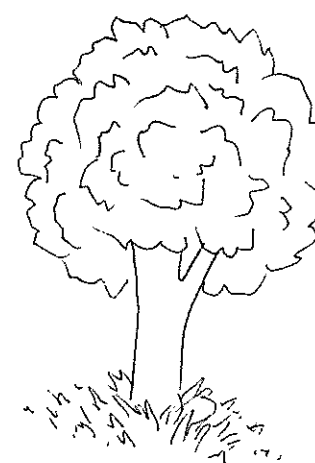
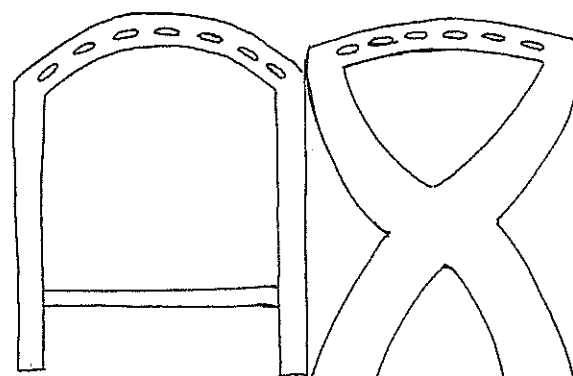
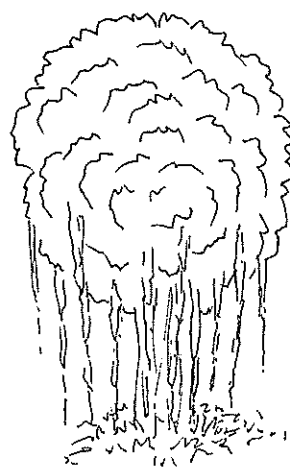
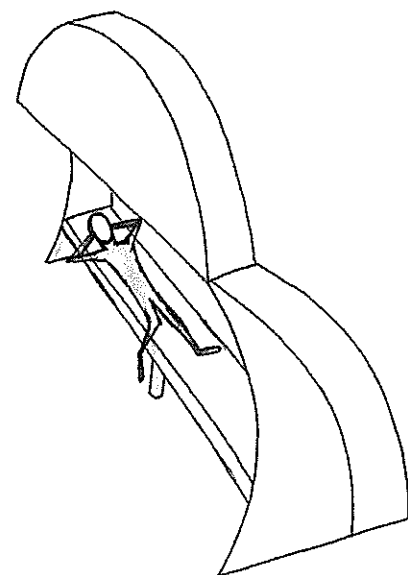
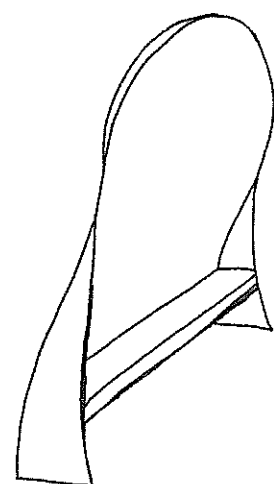


Curve is based in the  
structure of a birds  
wing...



Front view

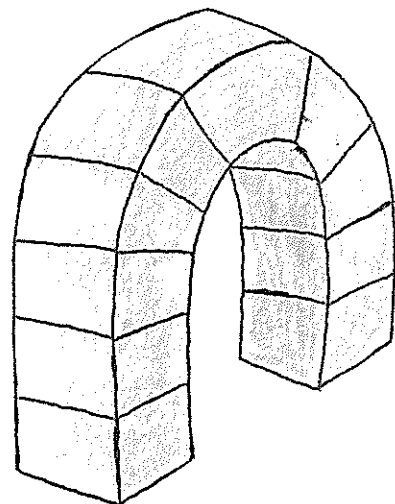
2D view



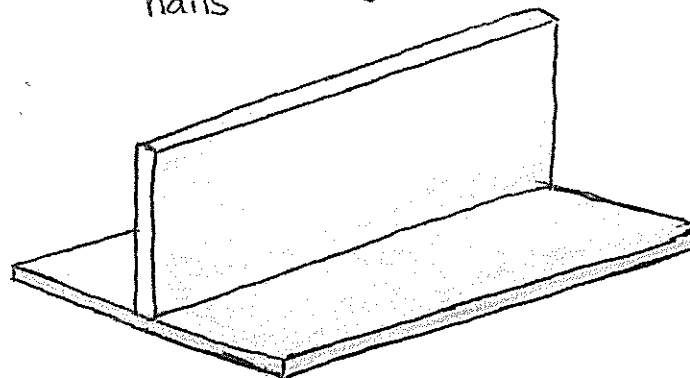
Lights used to show pattern as  
Santiago Calatrava has used  
in some designs.

To make an arch a keystone is placed in the middle to keep it all together.

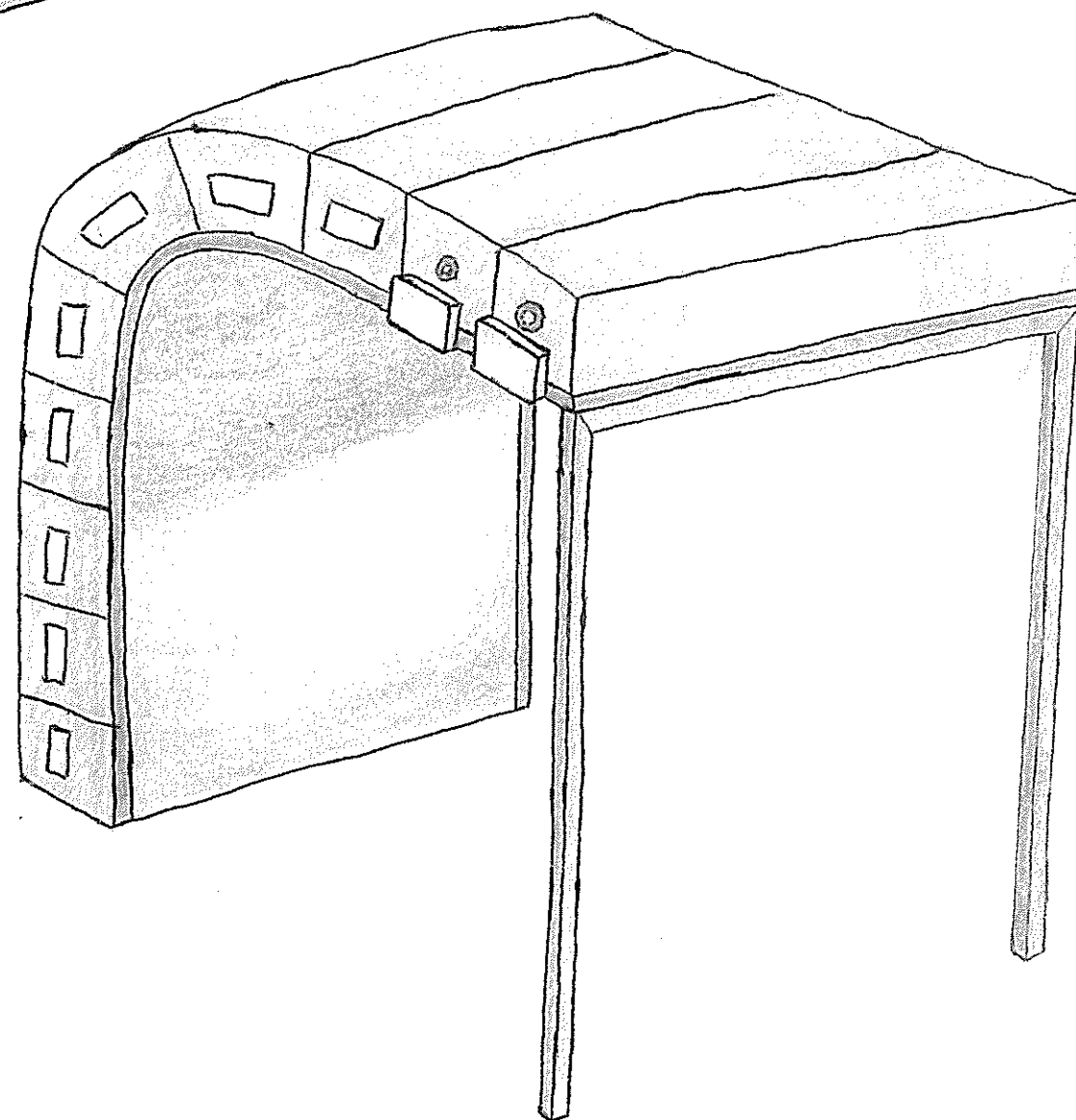
However since my design is a longer curve this procedure would not work...



Wooden seats connected by nails

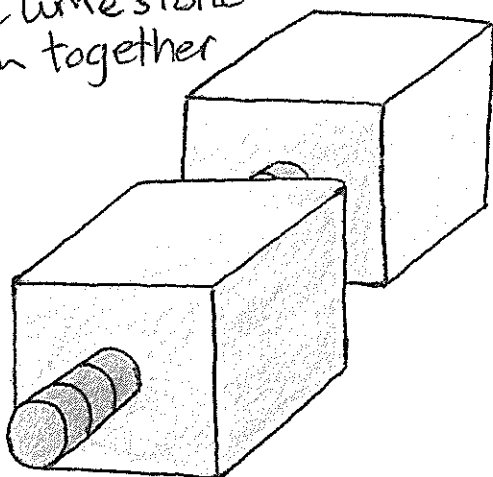


Half of Structure



Metal poles to keep structure stable.

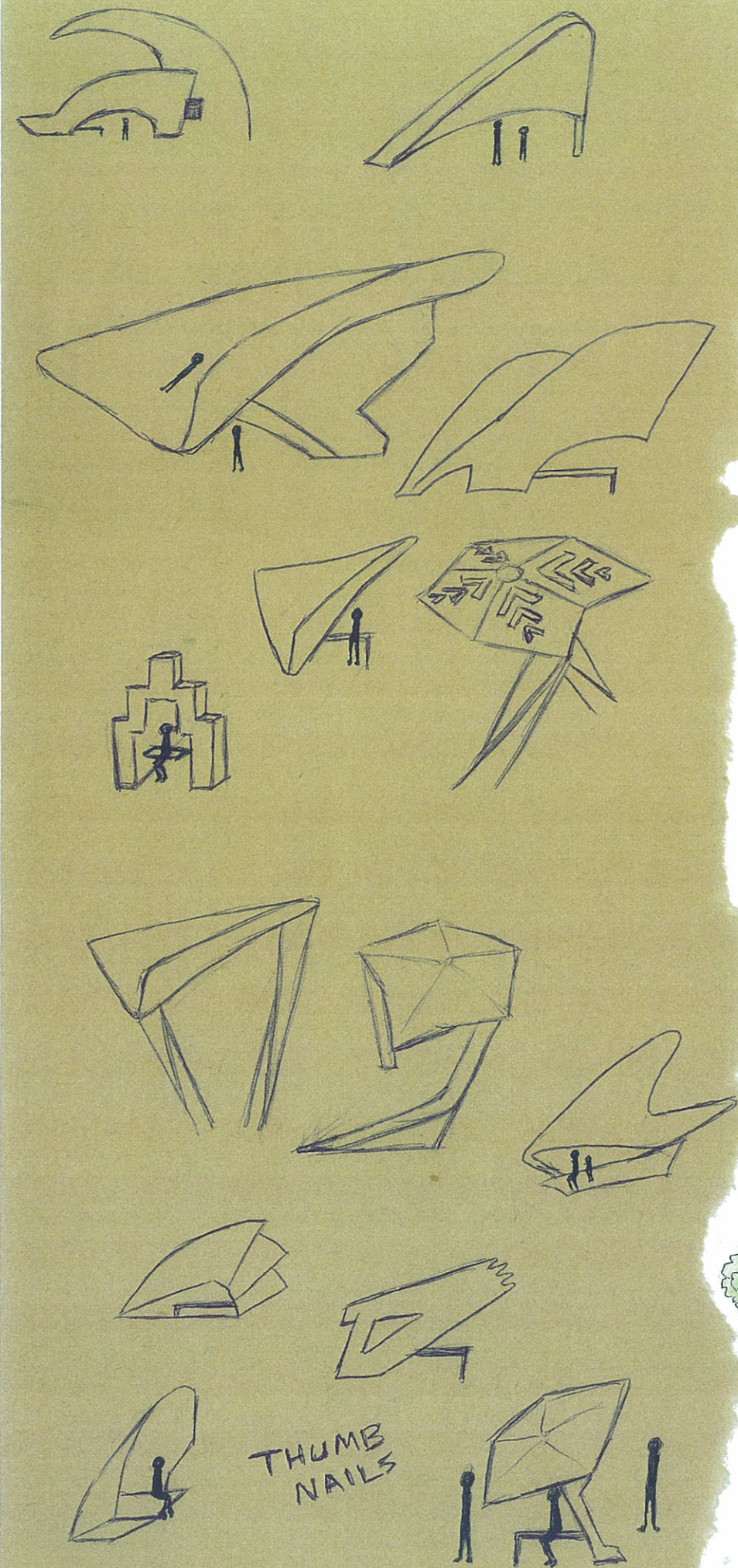
Metal pipe goes through the limestone to keep them together



Bolt is screwed on end of pipes so pipes do not fall out.

Construction





# PLANNING



In form of two wings  
to show an organic structure  
which Santiago Calatrava uses.

Sectional Parts used  
to show interest.

