

# TS ONE TO ONE EXERCISE PROPOSAL

SOJAE AN

\_ADAPTATION ITS APPEARANCE WITH TIME

## MATERIAL REFERENCE

Light And Time



### 1\_Light Transmitting Concrete

Transparent concrete invented by Hungarian architect Aron Losonczi in 2001 is 30% lighter than normal concrete and lets through 80% of the light. In polymeric translucent concrete replace all (or most) of the normal binder of the concrete (cement) of a material that also has (therefore adhesive) binders properties while translucent properties, such as polymers (ie are plastics, polyesters, resins). This ensures that the mass is translucent glass in all directions, with a light transmission of up to 80%. The use of this material enables to see the changing of the appearance of facade according to time.

# TS ONE TO ONE EXERCISE PROPOSAL

\_ADAPTATION ITS APPEARANCE WITH TIME

## MATERIAL REFERENCE

Nature With Chemical Response In Time



### 2\_Smart By Nature

This architectural materials that improve with age, without maintenance or upkeep. Brass hardware is installed on red brick that s been striated with interconnected geometric channels. When the decorative flanges and bolts are wet by rain, distinctive turquoise-hued verdigris courses down through the brick channels, accreting gradually. This action occurs naturally within the biological and natural material, without the use of technology. The result is an aesthetically evolving exterior application that may look better 20 years after installation than it did when new.

(Acid rain should only accelerate this architectural improvement.)

# TS ONE TO ONE EXERCISE PROPOSAL

\_ADAPTATION ITS APPEARANCE WITH TIME

## MATERIAL REFERENCE

Natural material use in architecture



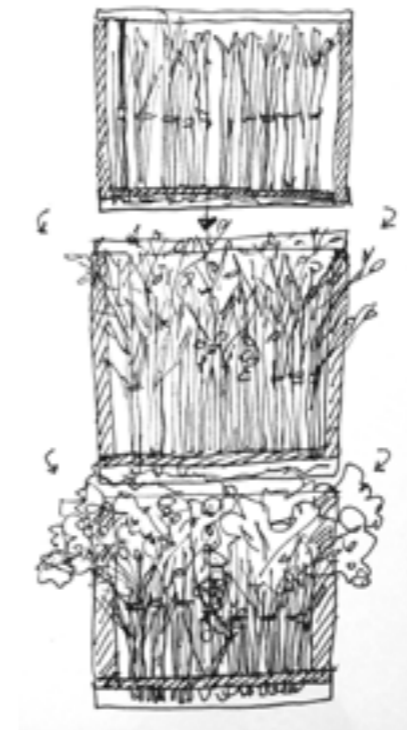
### 3\_Liyuan Library

The building blends into the landscape through the delicate choice of materials and the careful placement of the building volume.

# TS ONE TO ONE EXERCISE PROPOSAL

\_ADAPTATION ITS APPEARANCE WITH TIME

ONE TO ONE PROPOSAL



My proposal for one to one making facade is to use two types of branches which are trimmed and untrimmed. The trimmed, straight one will be used as supporting element. The other branches will be a natural, organic shape of facade, functioning as natural ventilation as well as window that allows light in. The untrimmed branches will be growing as time goes by. This will prevent the inside from being exposed to rain or snow. The ready-made piece of lumber will be used for facade frame.