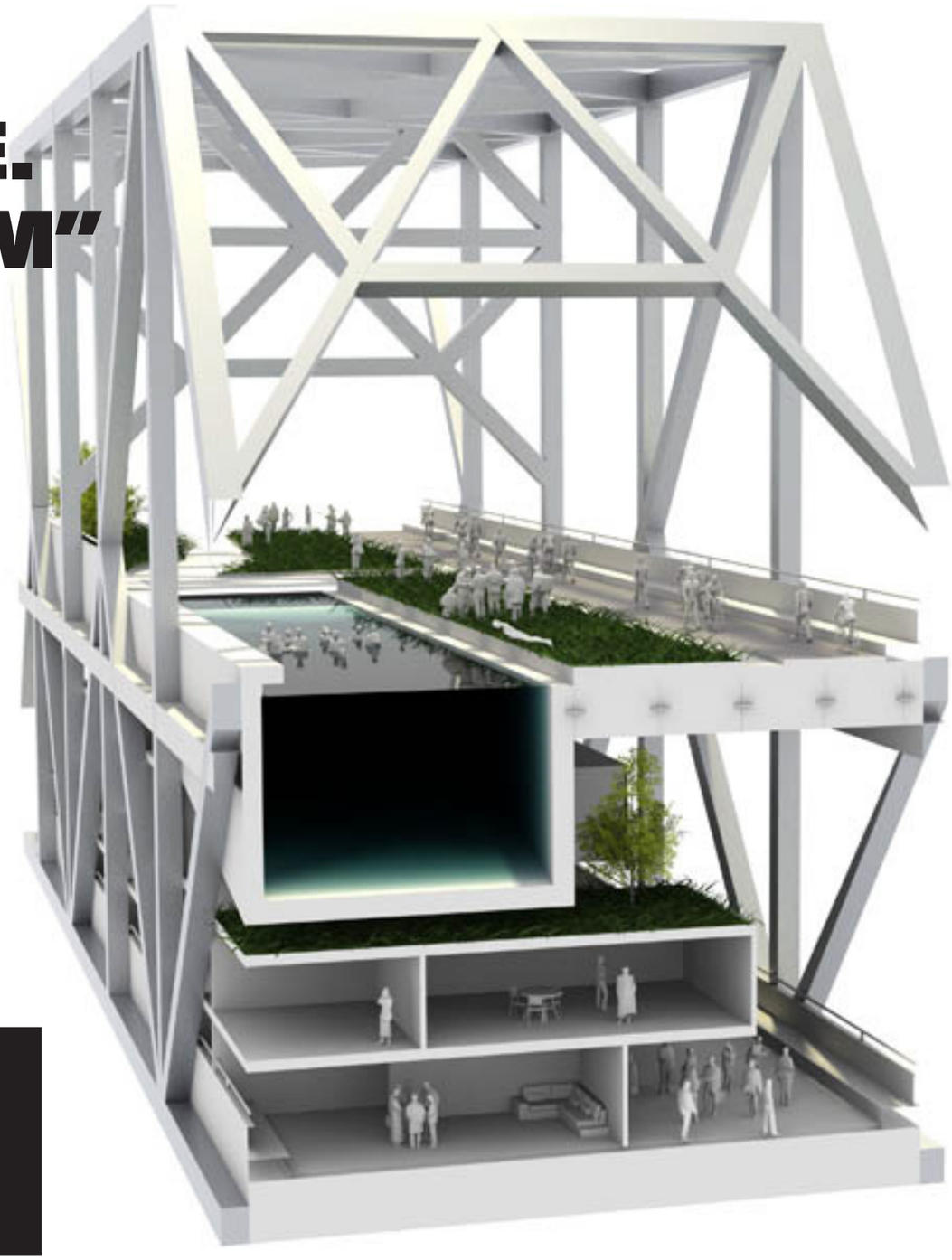
DESIGN STARTS WITH THINKING

5:00 min.

WE WILL BE USING JUST A SMALL SECTION OF BRIDGE. THIS WILL BE OUR "PLATFORM" TO DEVELOP IDEAS AND COMMUNICATE THE VISION.



OUR PROCESS:

DESIGN THINKING

1

ASK

Ask what the challenge is and define the problem

Find inspiration

Research, imagine and write

2

IMAGINE

Form groups and consider the many options.

Brainstorm and capture ideas on charts.

Create a “rapid prototype”

3

IMPROVE

Get feedback on prototype

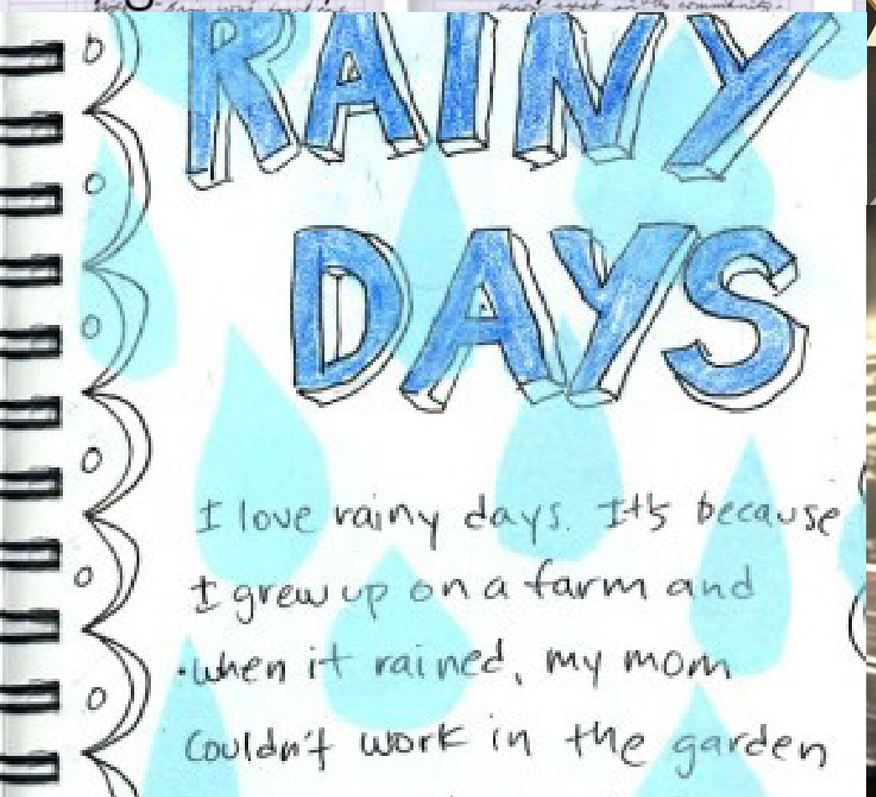
Listen to SME’s (subject matter experts)

Reflect and refine ideas. Agree and select a final direction.

1

ASK

erlap with goals + objectives;
lcoming, enhance identity and
nvening, bringing people toget
ion, growth, humor, sustainabil

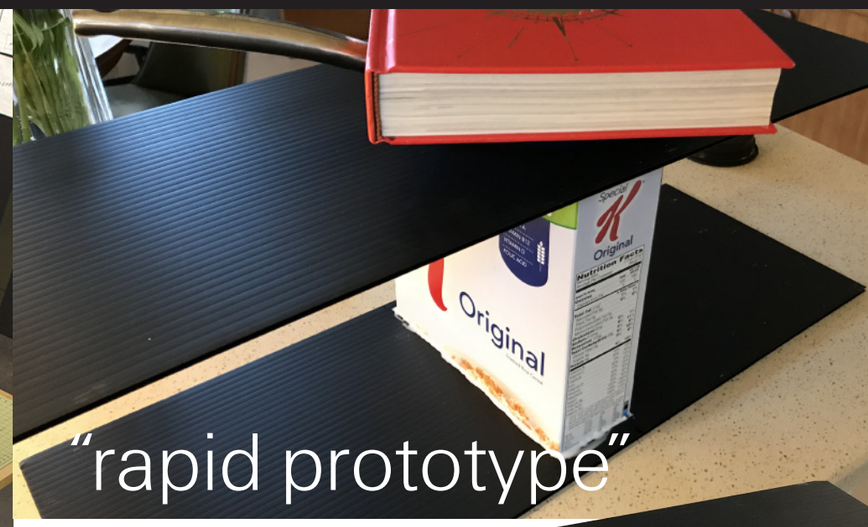


2

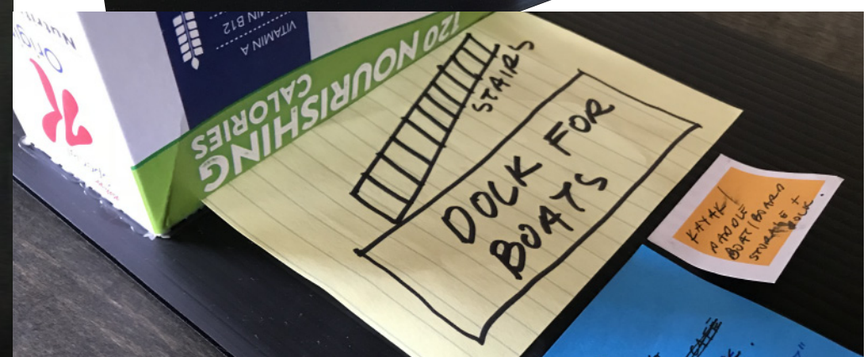
IMAGINE

3

IMPROVE



"rapid prototype"



4

PLAN

Draw concept elements in plan

List materials to build/visualize

Write steps to build

5

BUILD

Build new prototype bridge section

Build, draw and apply concept elements

6

PROMOTE

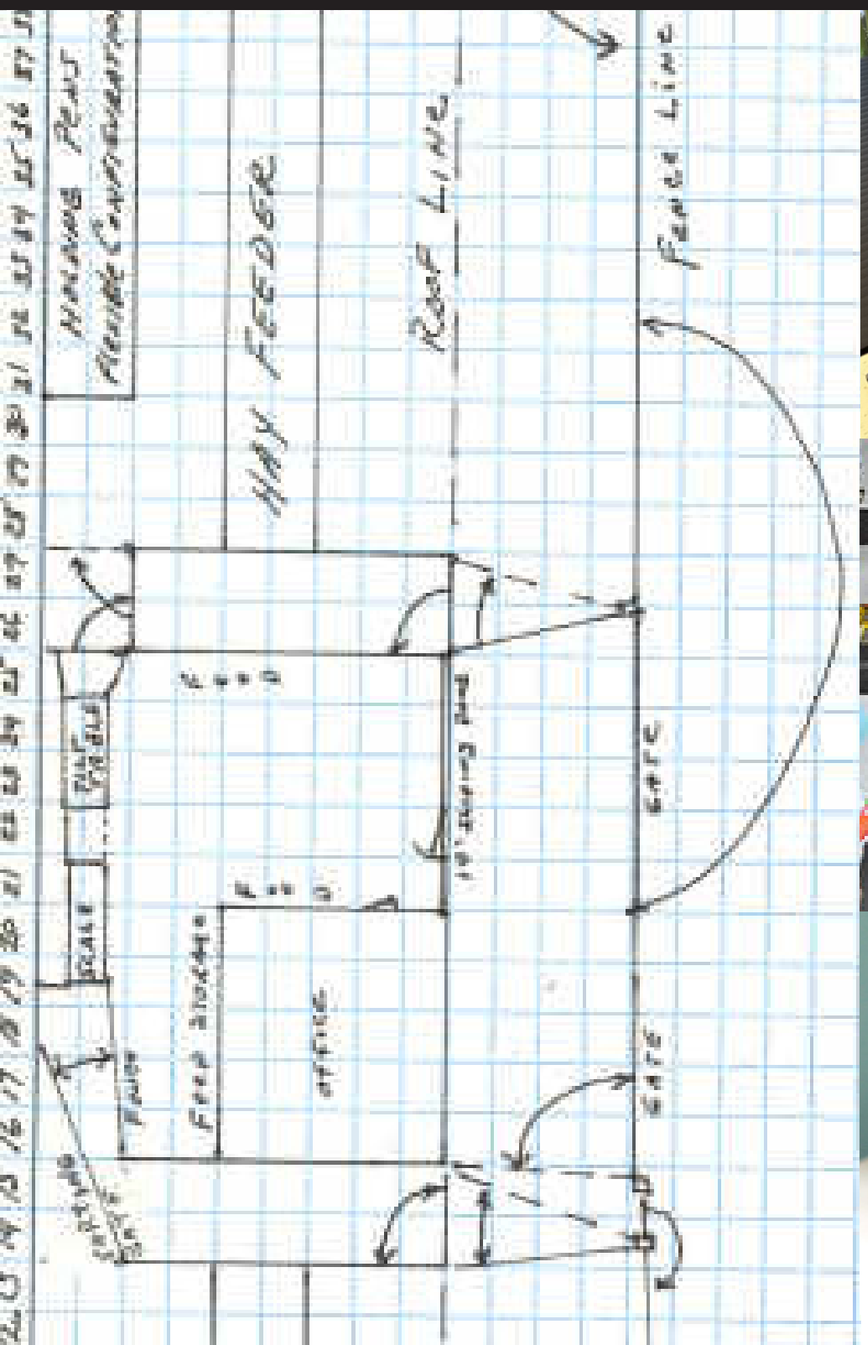
Write description

Draw illustration

List attributes

Present

4
PLAN



5
BUILD

6
PROMOTE

BRIDGE NAME

(drawing)

DESCRIPTION

FEATURES:

1 ____ 5 ____

3 ____ 10 ____

DEVELOPED BY (List Team):

6

PROMOTE

MAR. 15 / PRESENT RAPID PROTOTYPE @ STEM NIGHT

APRIL / DISPLAY AT AFO EXHIBIT (Prototype + Final Vision)