



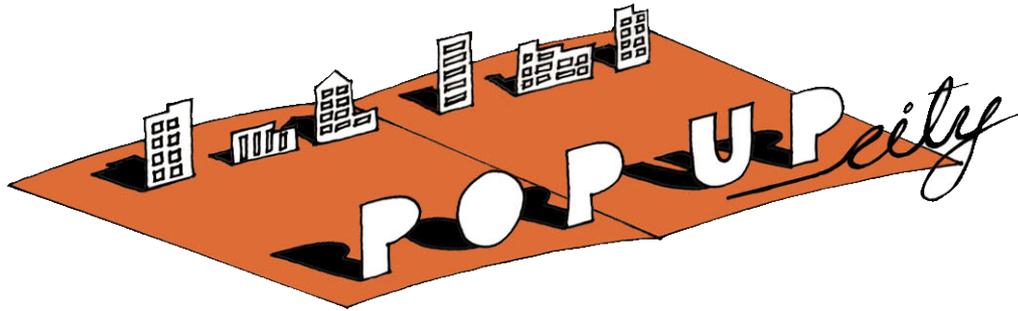
# Research + Practice



KENT STATE  
UNIVERSITY

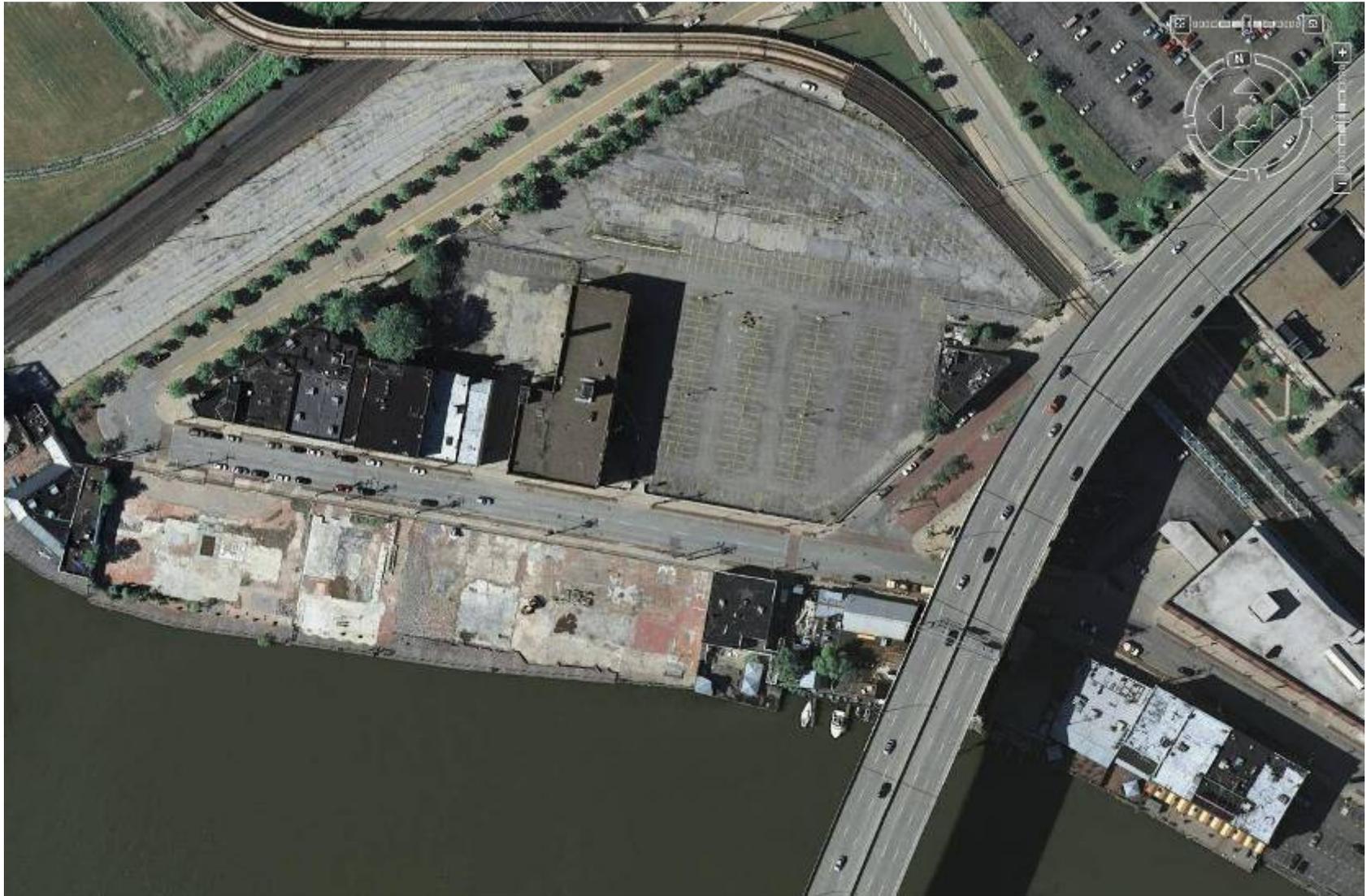
CLEVELAND  
URBAN DESIGN  
COLLABORATIVE





## **GOALS + OUTCOMES**

1. To support and build consensus for future real estate development projects
2. To engage community members in design and development decisions
3. To foster social cohesion in increasingly fragmented urban neighborhoods

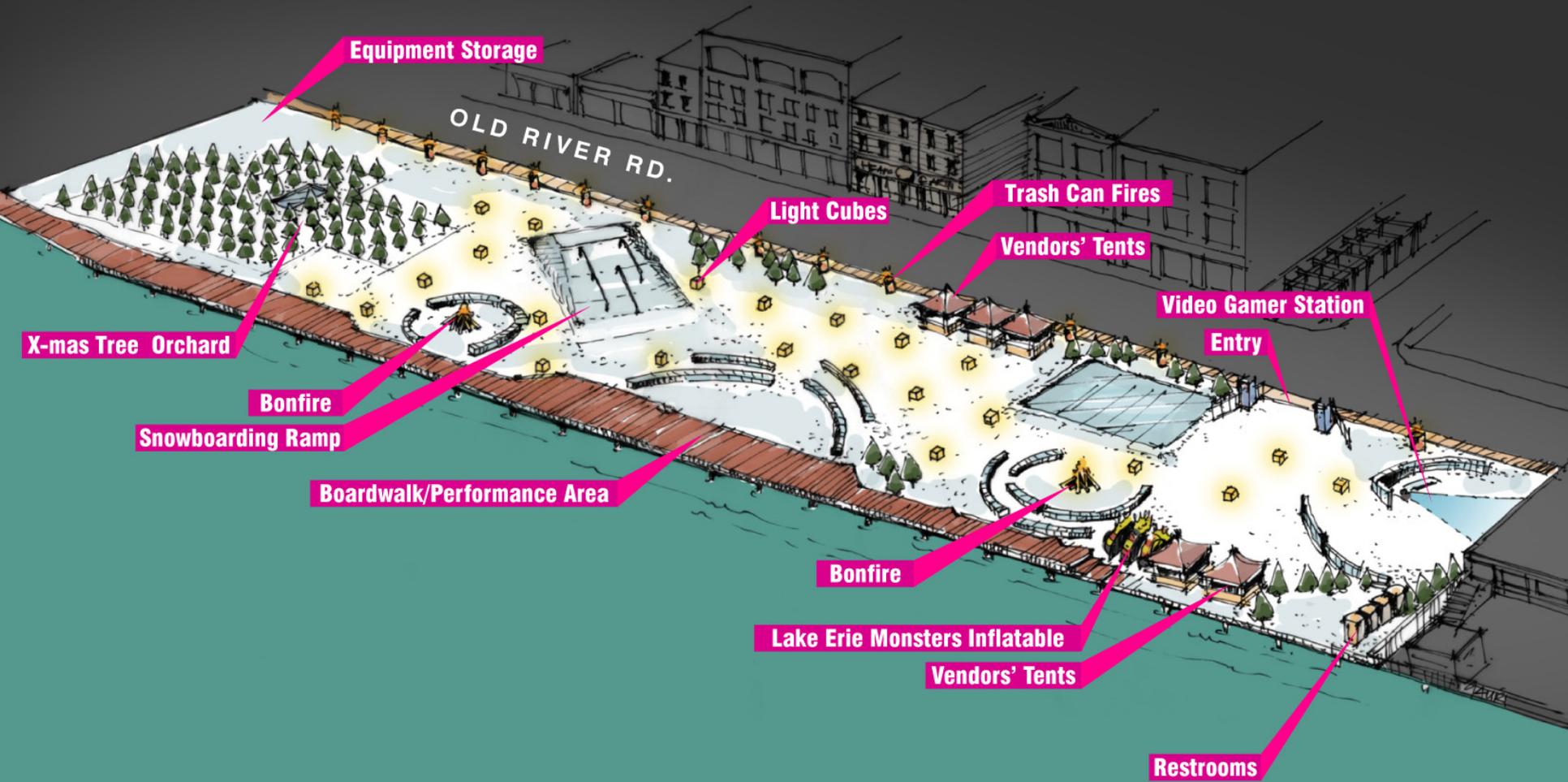


**DEVELOPMENT** Leap Night Cleveland



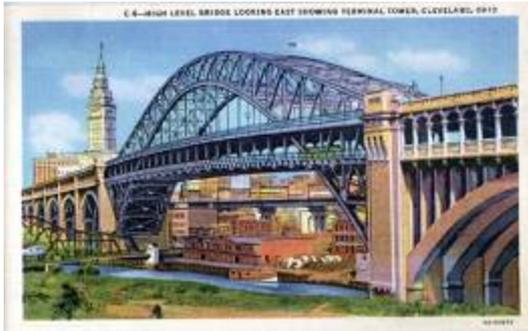
**FLATS EAST BANK**  
Leap Night

# LEAP NIGHT









## **ENGAGEMENT** Detroit Superior Bridge

Charrette

+

Design-Build

Rapid Prototyping

Accelerated collaborative design session

Design and construction are undertaken as one entity

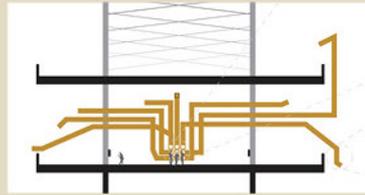
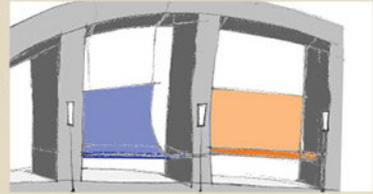
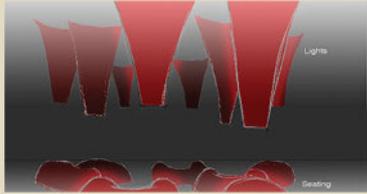
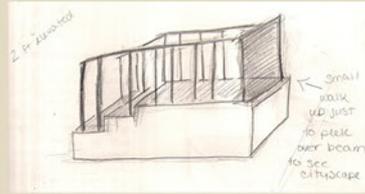
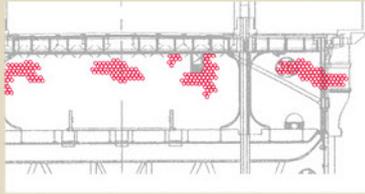
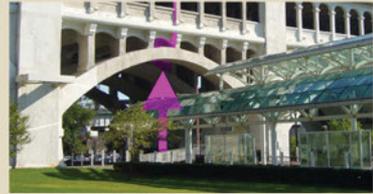
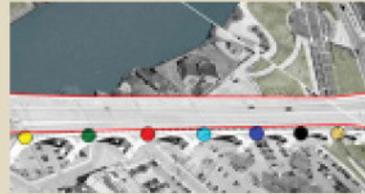
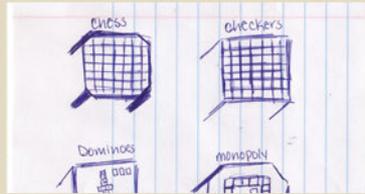
process of quickly evaluating a concept through iterative series of prototypes. Fail early and often in order to succeed sooner.

**4 WEEKS**



**DESIGN/BUILD CHARRETTE**  
Detroit Superior Bridge

# DESIGN CONCEPTS



**we're up here!**

visible from:  
rta settlers landing  
cuyahoga river  
nautica pavilion area  
old river rd. at e. huron

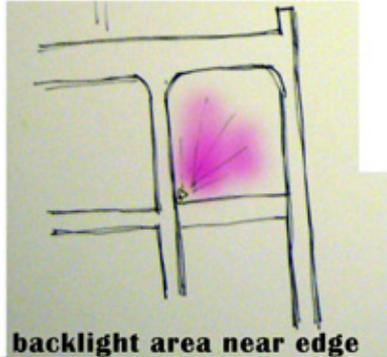
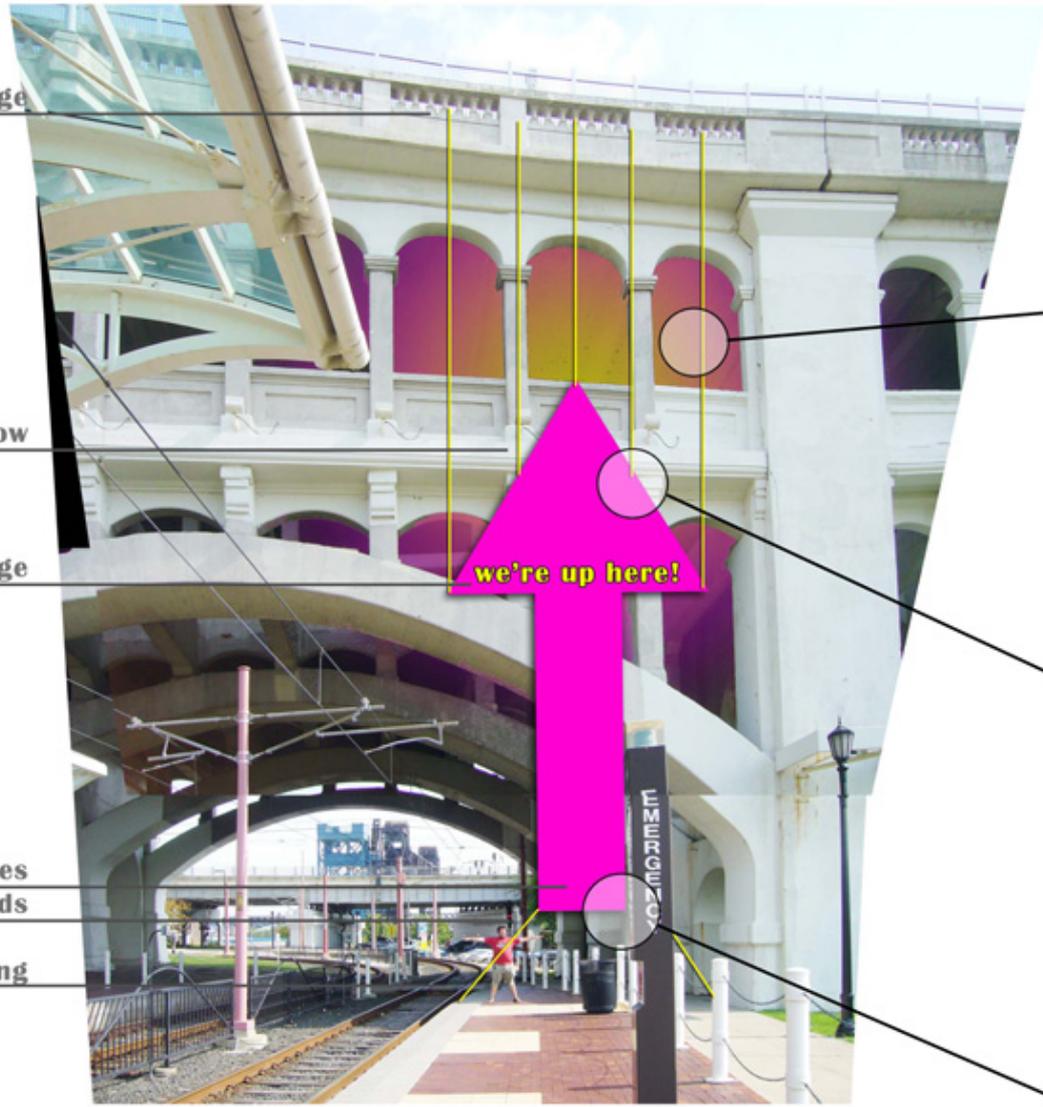
ties to bridge

ties to fabric arrow

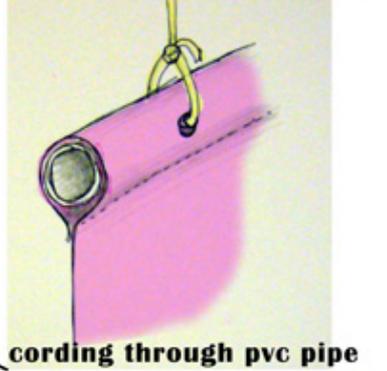
large message

info pouches  
ties to cords

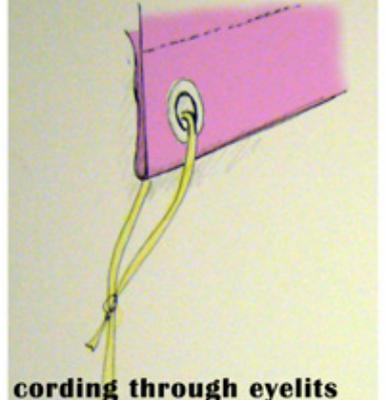
sandbags to keep from blowing



**backlight area near edge**



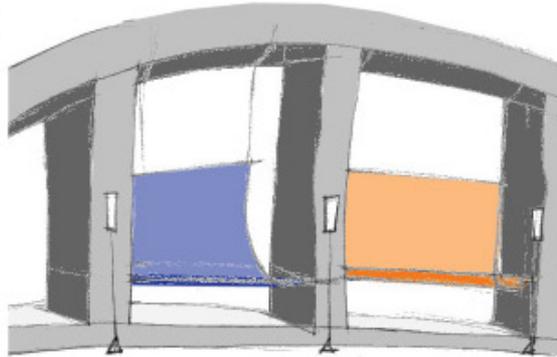
**cordling through pvc pipe**



**cordling through eyelets**



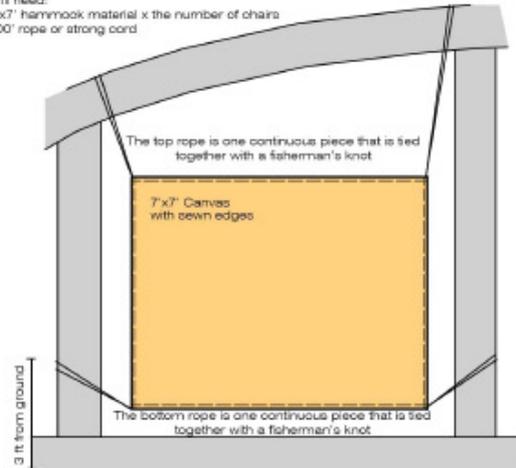
A seating installation would take advantage of the interesting structural features inside the bridge. A hammock tied to the adjacent arch and columns with rope could support the weight of visitors in need of rest.



Existing Site

### How to make the Hammock Chair

Will need:  
 7'x7' hammock material x the number of chairs  
 100' rope or strong cord



Closed Loop Knot to tie the hammock to the vertical and horizontal beams



Fisherman's Knot to connect the two ends of the rope

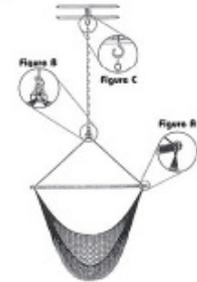


Detail of knots in rope

Site - near the East End of Bridge

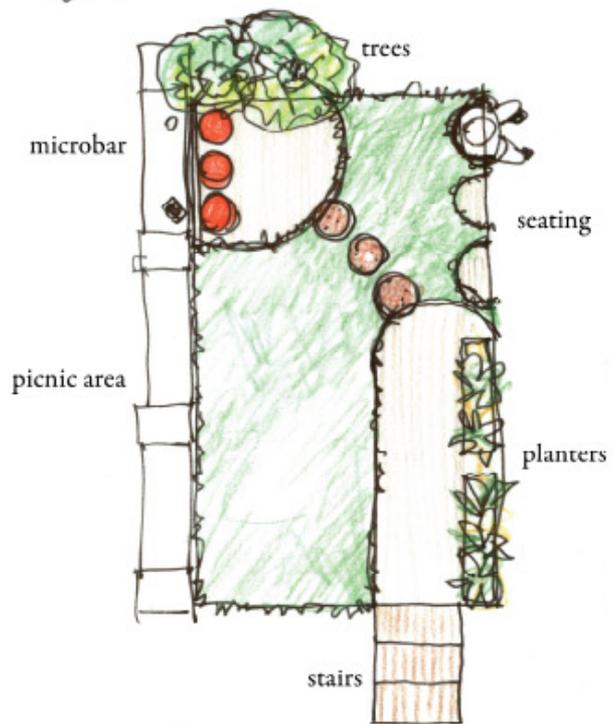
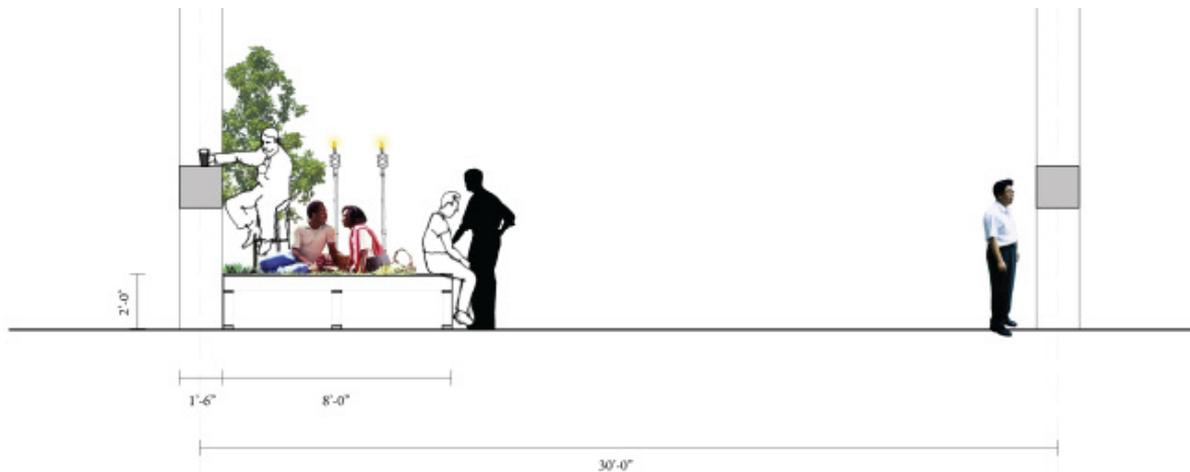
Create a Lounge Feel

Walls surround lounge and pedestrians circulate through lounge



Examples of Hammock/Cradle Chairs

# ARCH HAMMOCKS : ALLISON MAYLE



**PICNIC PLINTH / CITY STAGE**







# DATA RECORDING FORM

NAME (YOURS) \_\_\_\_\_ DATE  FRI  SAT TIME: \_\_\_\_\_

WHERE ARE YOU? (I.E. GREEN LOUNGE, BIKE LANE, BENCH ON CENTER SPAN, ETC.) PLS BE SPECIFIC: \_\_\_\_\_

HOW MANY PEOPLE ARE THERE AT THIS SPOT: \_\_\_\_\_ WHAT ARE THEY DOING: \_\_\_\_\_

ANY QUOTES? (THINGS YOU'VE OVERHEARD PEOPLE SAY, OR THEIR RESPONSES TO QUESTIONS YOU'VE ASKED) \_\_\_\_\_

OTHER OBSERVATIONS? \_\_\_\_\_



*thankyou.*

# THE BRIDGE PROJECT

# 2009

STUDENT  
DESIGN [BUILD]  
CHARRETTE

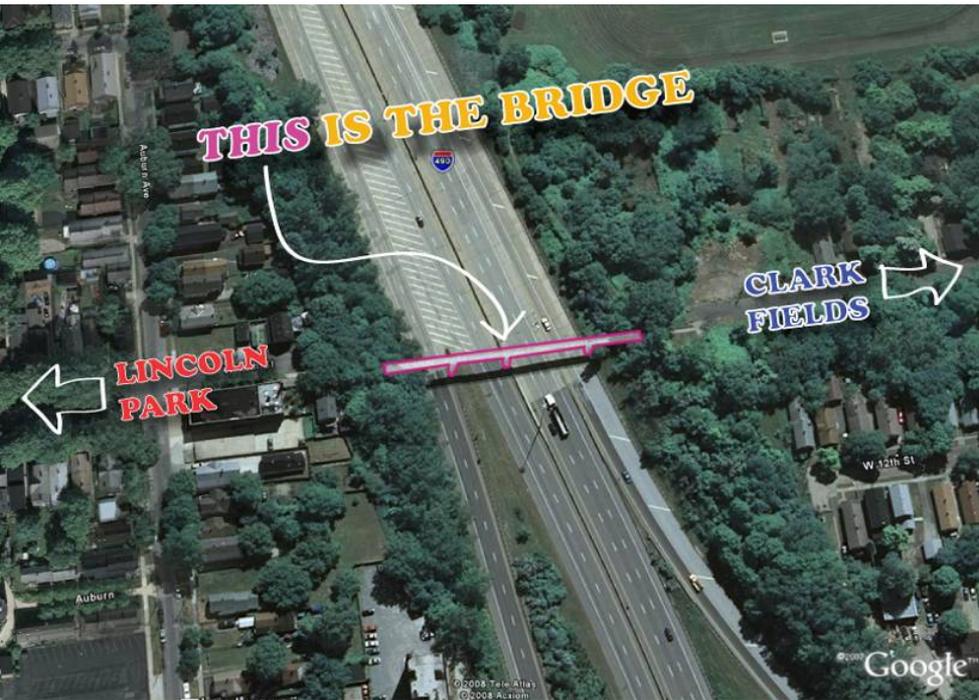
# REPORT

FINDINGS FROM THE TWO DAY  
EVENT AND RECOMMENDATIONS  
FOR THE FUTURE PUBLIC SPACE





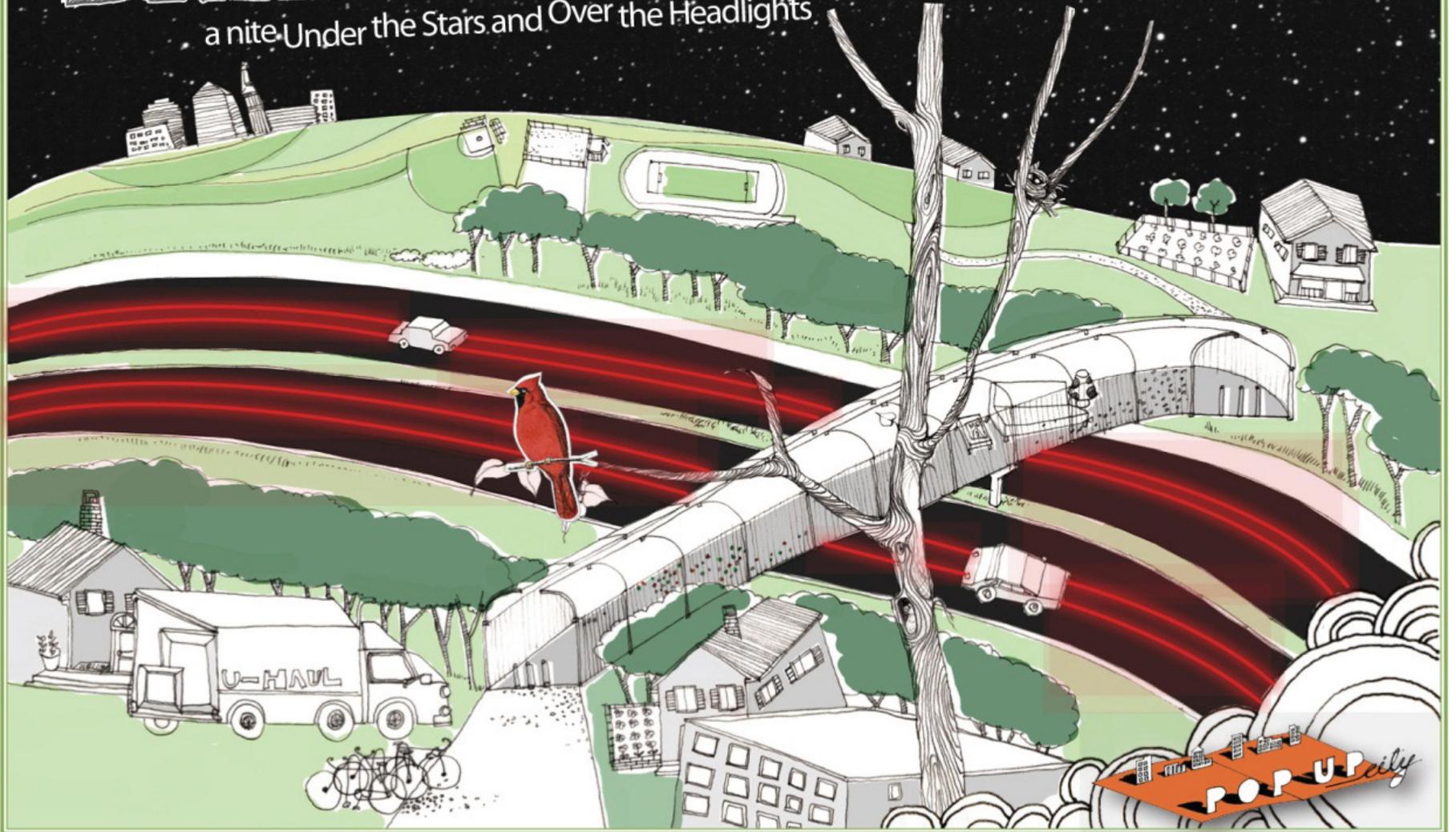




## **SOCIAL COHESION** W. 11<sup>th</sup> Street Pedestrian Bridge

# BRIDGE MIX

a nite Under the Stars and Over the Headlights

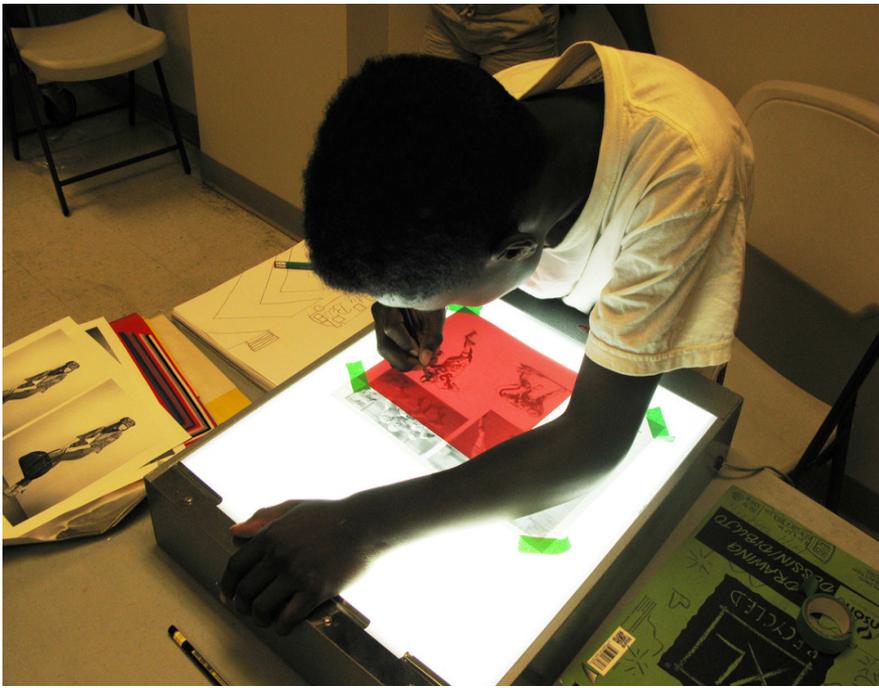


POP UP *city*



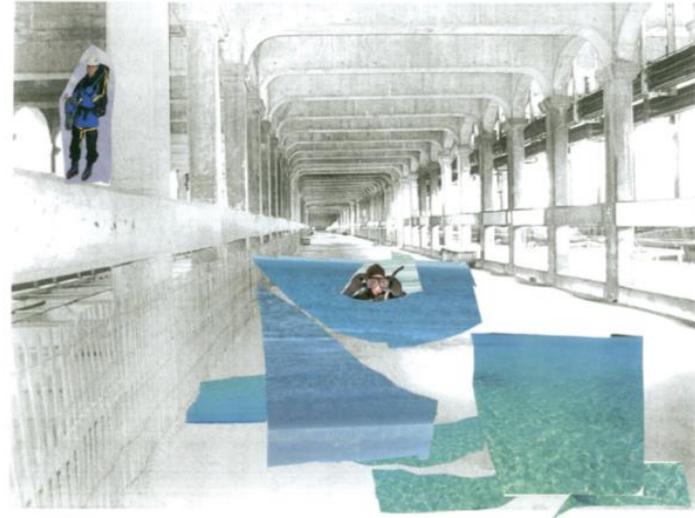
**STREET SOFA** Alex Tapie + Wes Johansen





DESIGNER:  
By Maisha  
PROBLEM STATEMENT:

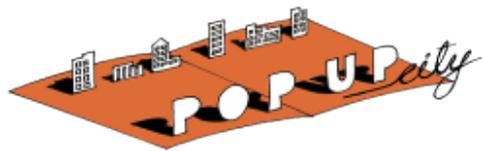
DESIGN SOLUTION:



DESIGNER:  
Juvie  
PROBLEM STATEMENT:

DESIGN SOLUTION:

**NEARBY is SO FAR AWAY... Lakeview Terrace Design Camp**



## **MOVING FORWARD** Lessons Learned

1. “Low cost” interventions sometimes cost a lot in time and resources
2. Engaging diverse communities requires a lot of thought and effort
3. Inviting the community to help design and build temporary projects increases their impact
4. Sometimes pop up projects become permanent, sometimes they don't