**Knots Place**

RESILIENT CITIES STUDIO

Spring 2016  Jiajing Xie

**SITE LOCATION:** Covington, KY  
**COMMUNITY PARTNER:** Kate Esarey

**PROSTITUTION**  Problem on site  
**PROSTITUTION VS DOG PARK**  Local people interviewed told me they would like to have a DOG PARK & half mile away from the site there is prostitution

**SHORTCUT**  Encourage PEOPLE to walk & block the car

**SAFETY ISSUES VS LIGHT**  Need LIGHT

**BUS STOP**  on site, need more sitting

**KNOTS FORMING**

1. Bus stop on site
2. Existing circulation - site is a shortcut for both people and vehicles.
3. "Knot" shape forming - for creating interesting pedestrian paths as well as blocking vehicle path
4. Living in dogs with people to create an energetic park
5. Blurring one path into landscape and creating canopy as min-shelter

**PARAMETRIC STRUCTURE SYSTEM**  Parameter: knot quantity

**STRUCTURE FORCE ANALYSIS**

3 LAYERS OF STEEL TUBE CONNECTION DETAILS

**PATTERN 1:** with less knots, resulting bigger size of steel tube
**PATTERN 2:** with more knots, resulting smaller size of steel tube

**PIECE MODULE DOG PLAYING**

1. Continuous swing for dogs
2. Adult swing
3. Hole for dog playing

**VARIATION 1:** with dog and people behaviors
**VARIATION 2:** with dog and people behaviors

**NOTICE VIEW FROM WEST PIKE ST**

**NOTICE VIEW FROM WEST 9TH ST**