

# Buchanan Street Design

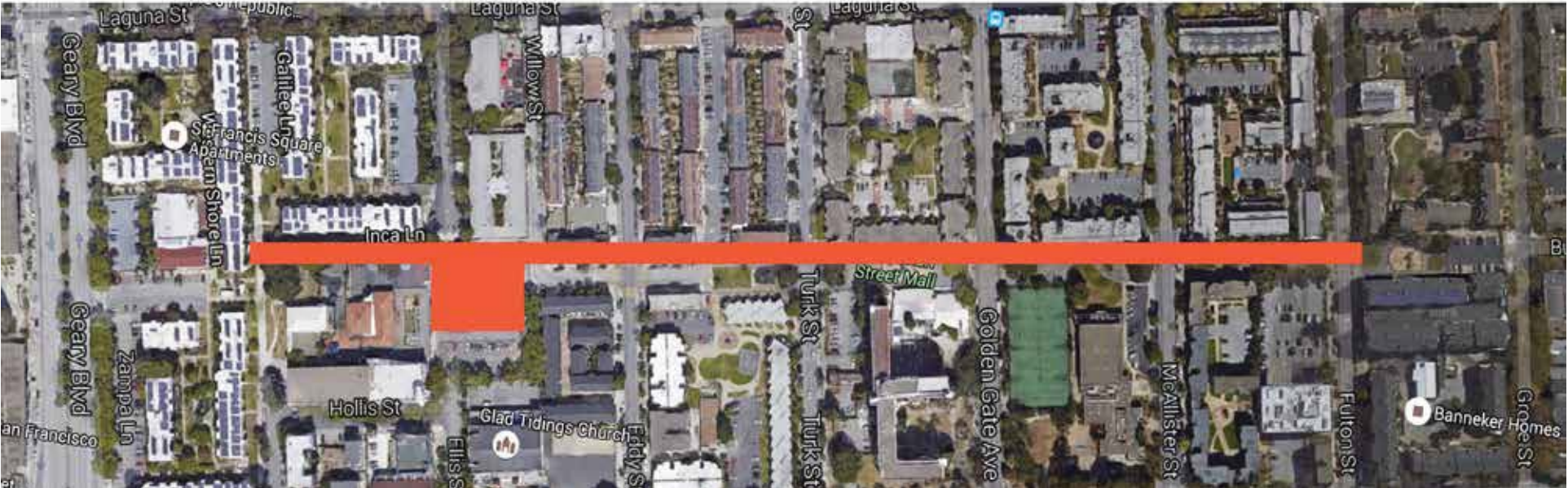
Course: LAN 660- Designing Public Space Studio

Semester: Fall 2015

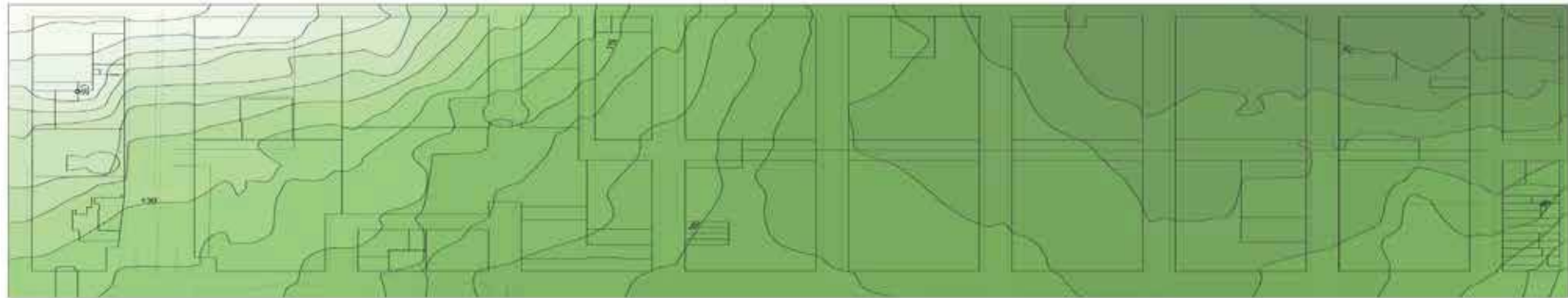
Instructor: Wright Yang

This project is located in Japantown, in San Francisco. The site is an urban park with a pedestrian path that connects Buchanan St. from north to south, and run between Geary Blvd and Grove St. The site is surrounded by residential buildings with Rosa Parks Elementary School.

### Location



### Topography

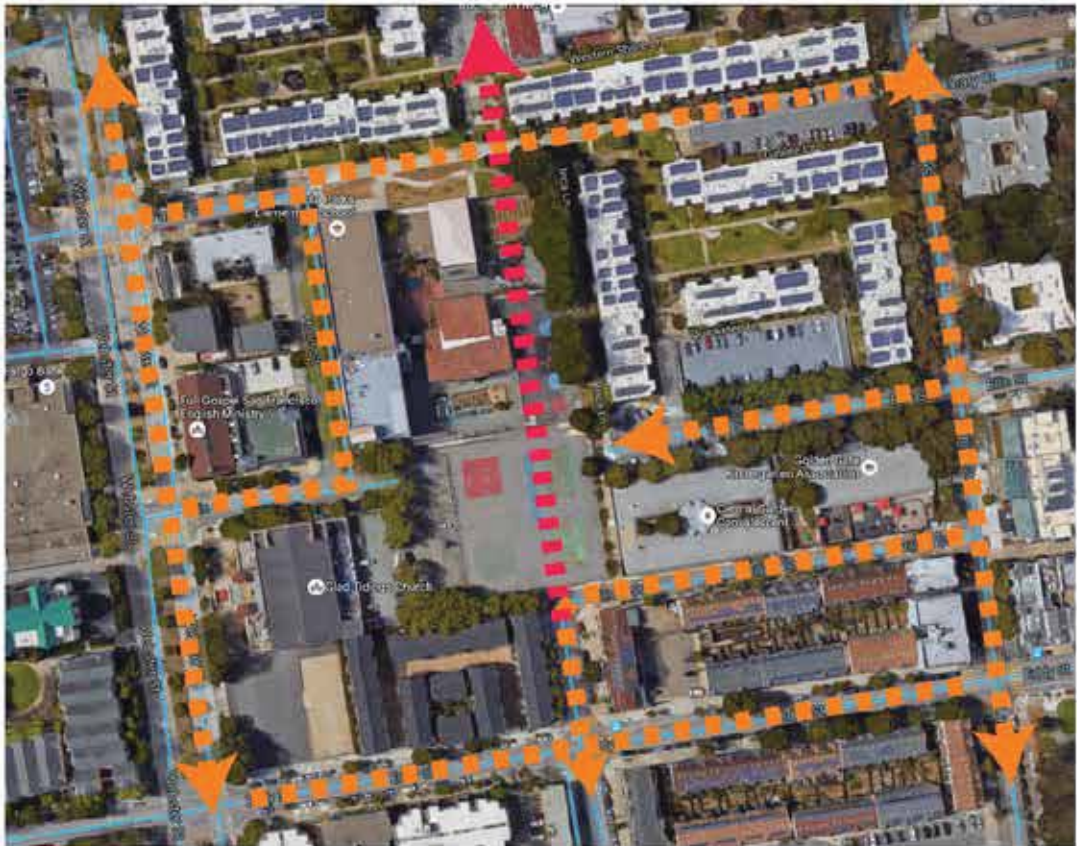




The second block cannot be crossed. There are tall steel fences around the campus, and a wooden fence that divides the public and residential areas, making it inconvenient for pedestrians who want to cross from O'Farrell St. to Eddy St.



Existing circulation for both pedestrian and vehicle



Proposed circulation for pedestrian



View from residential area



Wooden fence



School campus surrounded by steel fence



A playful structure based on the Mobius strip allows for two types of circulation, namely pedestrians and students. The Mobius strip is single surface with only one side and one boundary. By drawing a median along its length, and cutting the strip along that line, a strip with two surface is produced. Those two surfaces represent two separate spaces, in the schoolyard, one for students playing, and another for pedestrians walking. A bright, sunny yellow marks the pathways and warms people's spirits.

Those two parts start from the same point but they have different uses for two different kinds of circulations, which just like the Mobius strip, after it is been cut, the two surfaces will never meet.

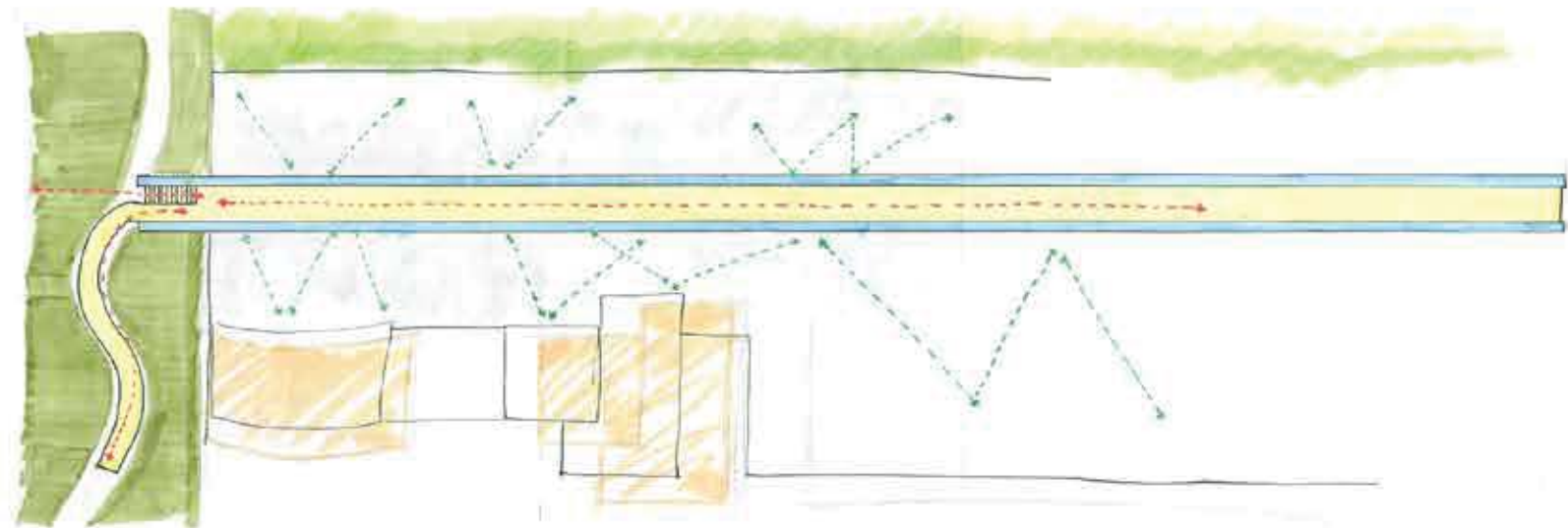
## Mobius Strip



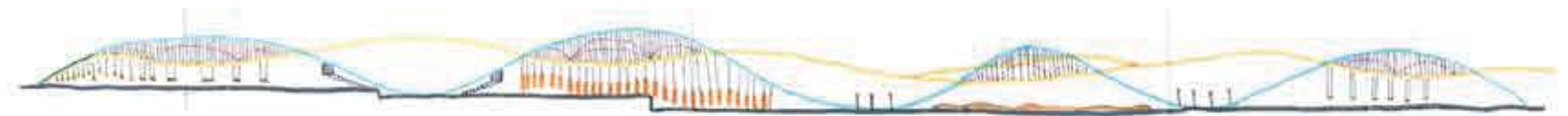
## Cutting along the median line



## Circulation diagram



## Playful structure under the bridge



## Clay model



Bird's-eye view





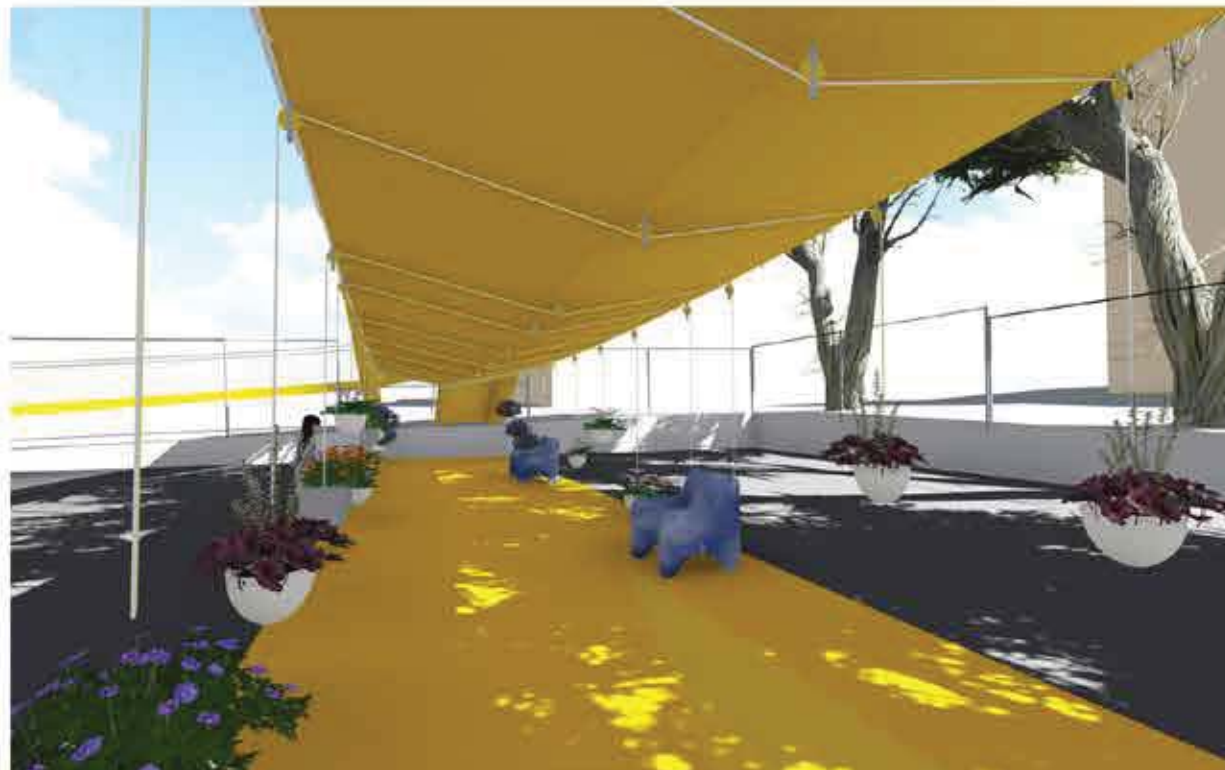
## Playful structures



Exploring circle



Never-ending slide



Balancing toy with two flowerpot on each side



Seat with lighting