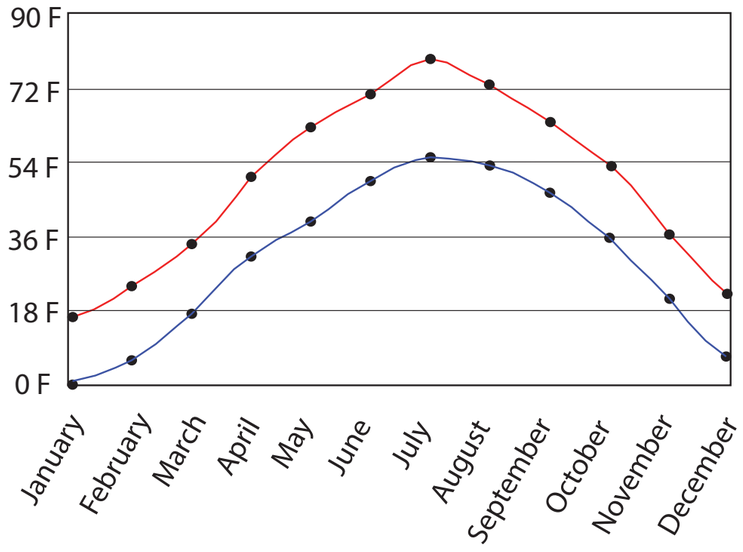
SNOWBOARDING: GOOD USE OR URBAN ABUSE?

PHILIP GRUHOT ADVISOR: DOMINIC FISCHER LA 572 DESIGN THESIS

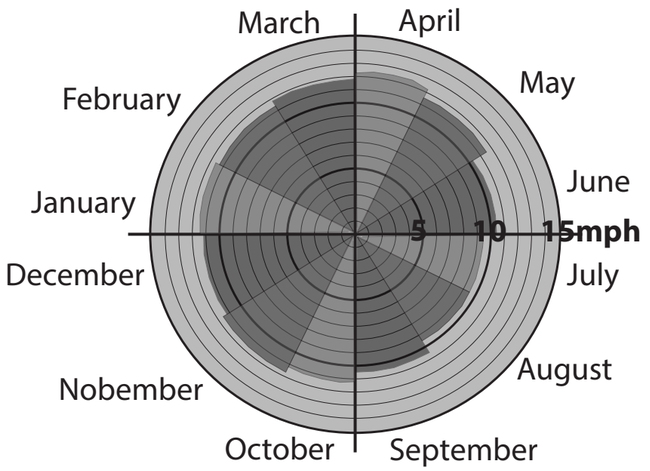
WEATHER

Weather is very important to this project because without weather, winter specifically, this project wouldn't be possible. With one of the best snow years on record, this year is a perfect example of why this type of project needs to become a reality. The Lake Effect also causes more severe weather as cold winds move across Lake Superior, picking up water vapor and depositing it as snow.

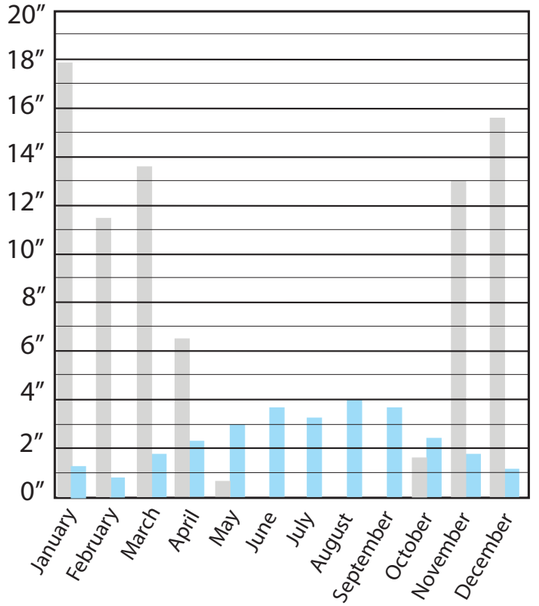
TEMPERATURE



WIND



PRECIPITATION



INVENTORY **ANALYSIS**

- residential
- single use/weekday hours only
- multi use/open weekends

- seating
  - -permanent/moveable
- lighting
- drinking

There is slightly over 40 feet of vertical change across the site. Although there are many flat expanses, which can be used more for summer activities, the hills provide speed and other opportunities for snowboarders.

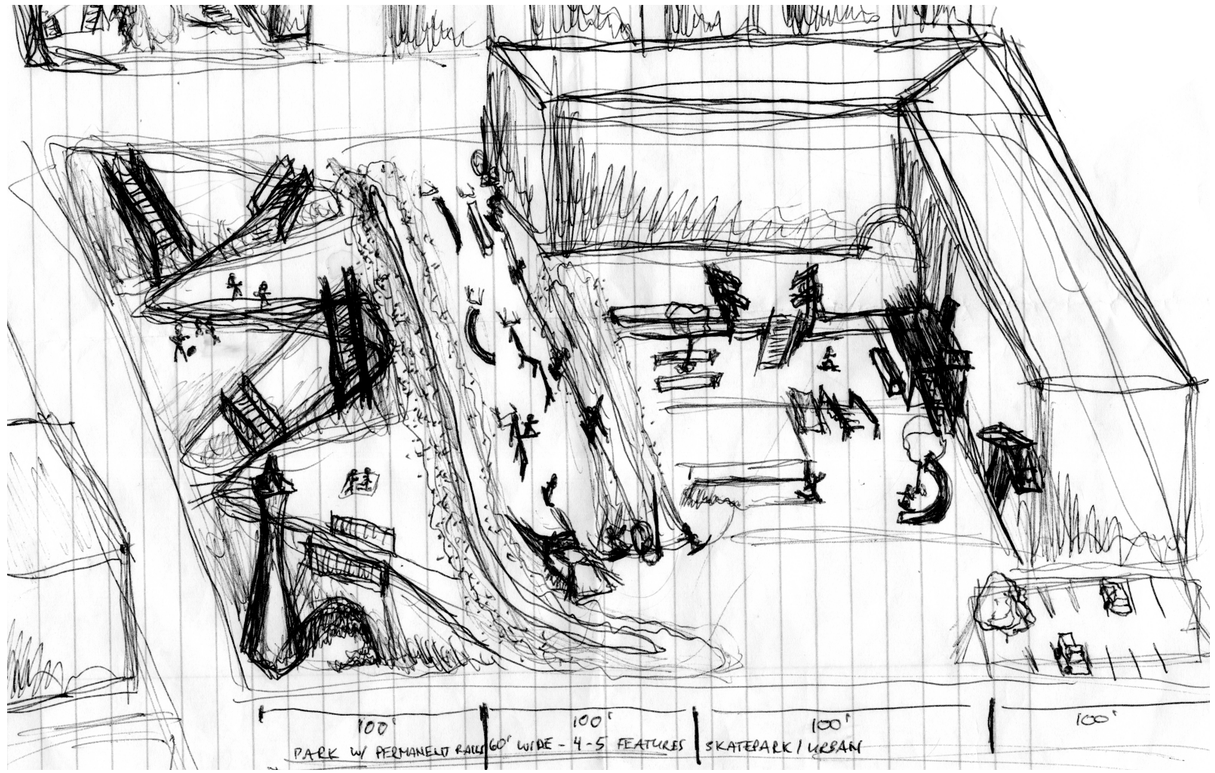
CURRENT STATE

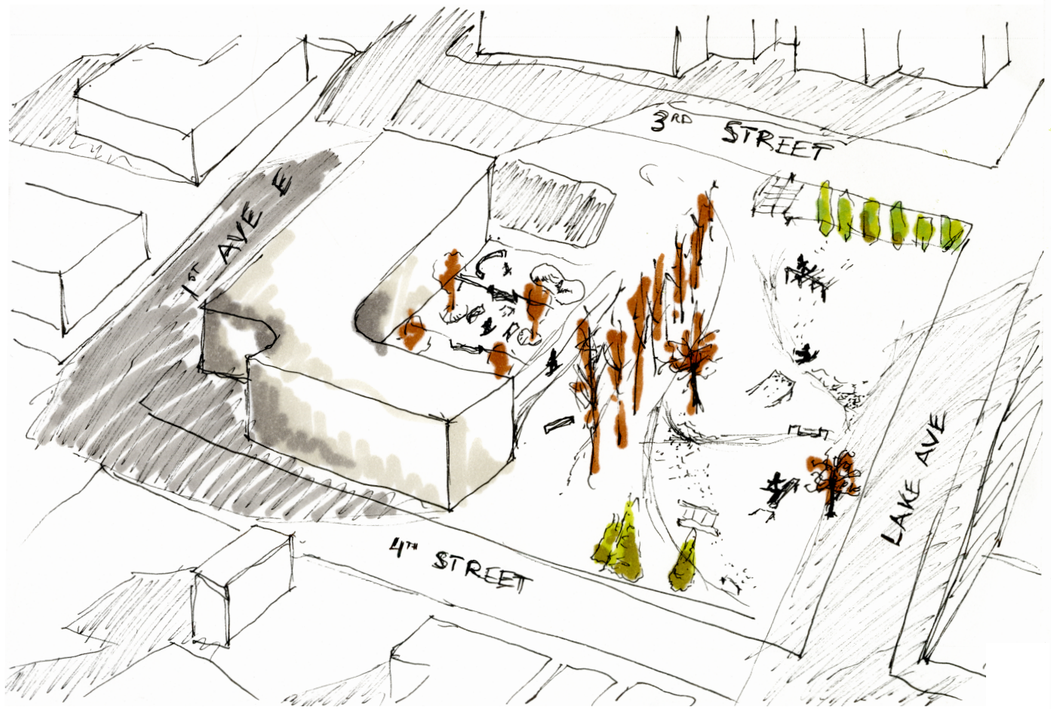
SUMMER

WINTER

CONCEPTUAL

Although the site is very limited in size, there is potential for something big. A snowboard park of this scale, within the city has never been done before. Many parks and open spaces become inactive during the long, cold winter months. Even without designing for such activities, they already take place on the site.





MASTER **PLAN**

1. proposed buildings
2. bus stop
3. parking lot
4. skate plaza
5. snowflex snowboard park
6. towrope
7. open green space

FEATURE DETAILS

The features are designed to look permanent, but through various methods can be interchangeable. Skateboarding and snowboarding depend on progression, so it is important for the park to progress with the riders over time. One method for this can be seen below. Having permanent footings for handrails that can be changed out with a bolt or pin system. The different features will be broken into categories based on skill. It's important to have a mix of features of varying sizes in a line.

Beginner features

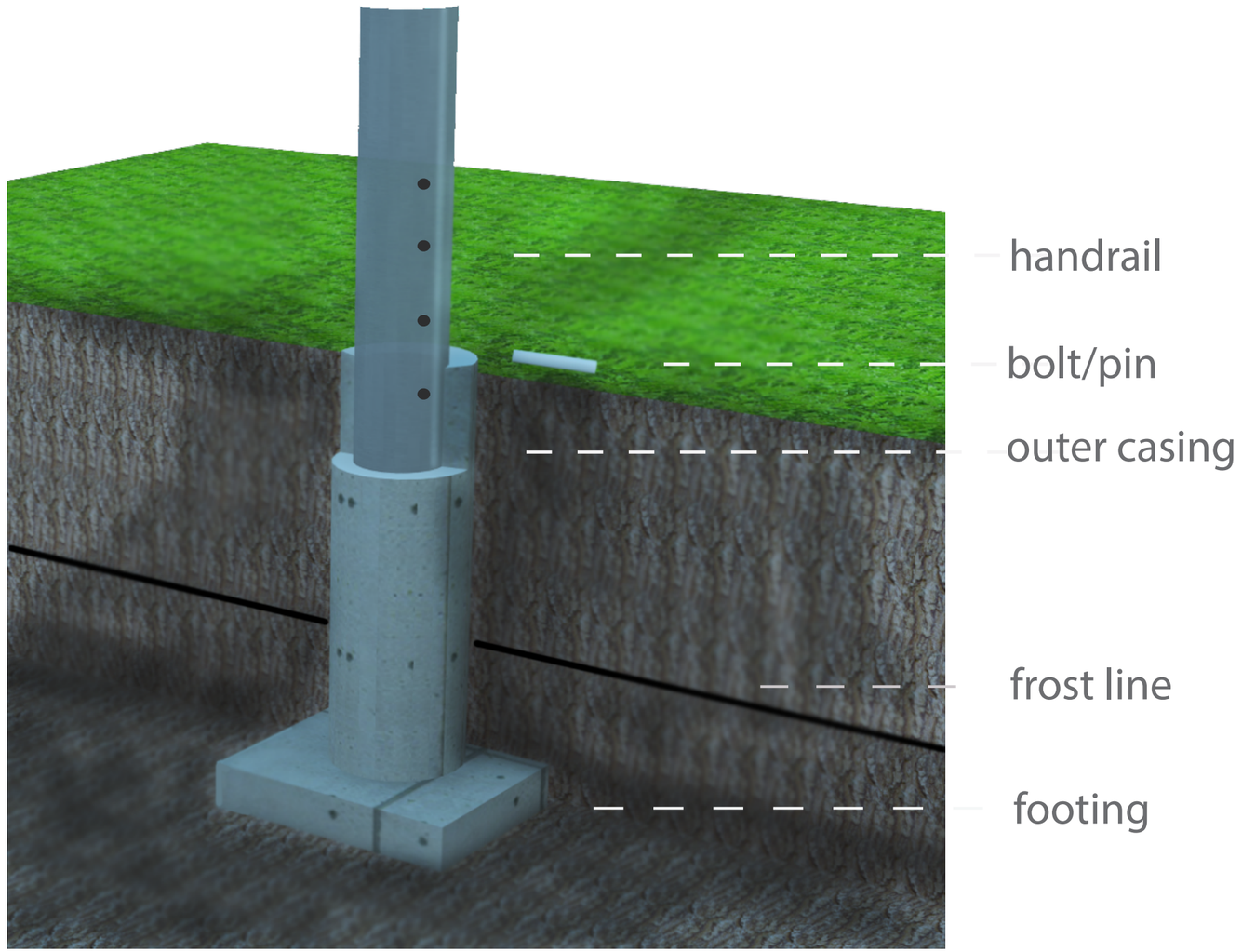
- Height: 6″ - 12″
- Width: 6″ - 2′
- Length: 6′ - 15′
- Angle: 0 - 10 degrees

Intermediate features

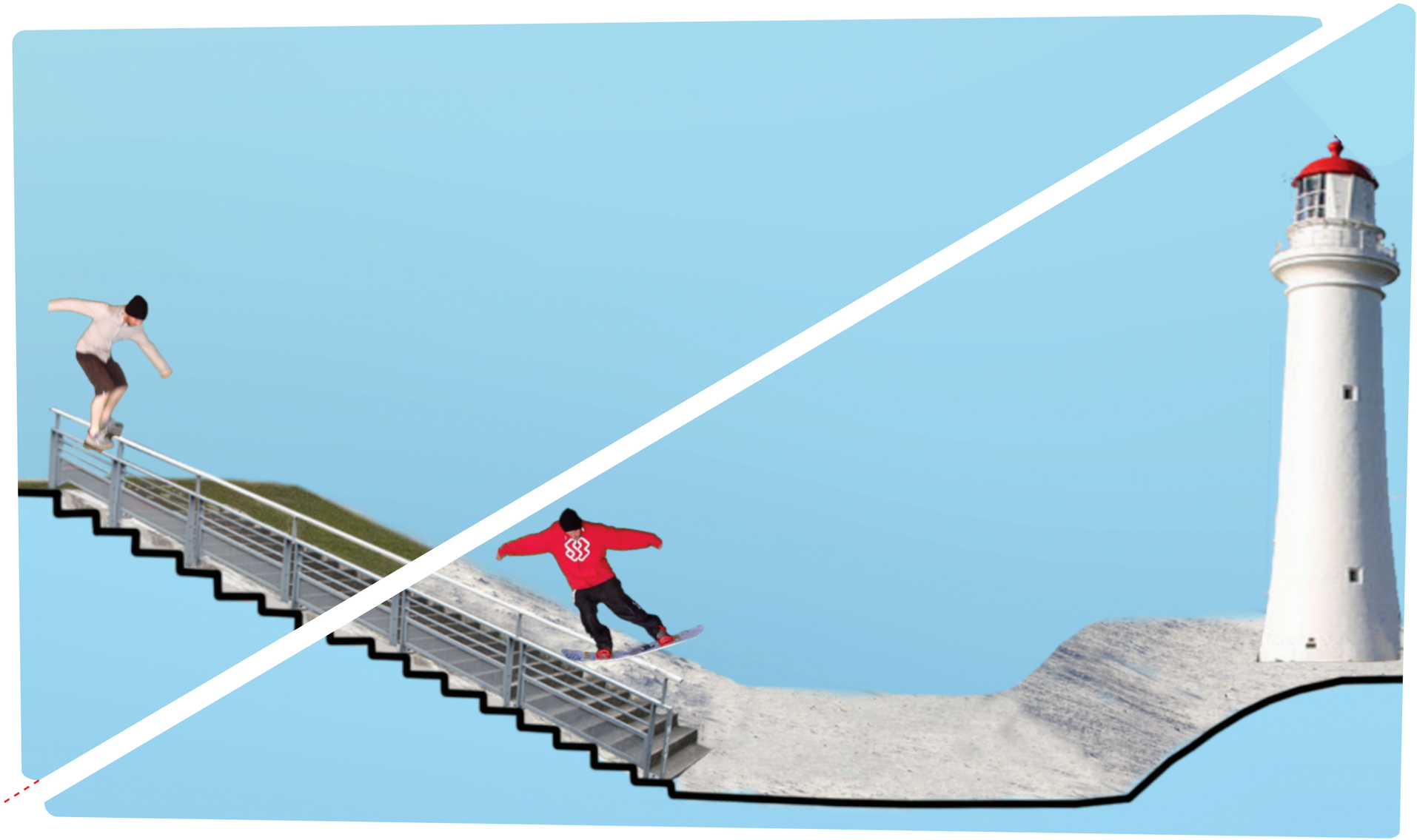
- Height: 12″ - 36″
- Width: 2″ - 6″
- Length: 10′ - 30′
- Angle: 10 - 18 degrees

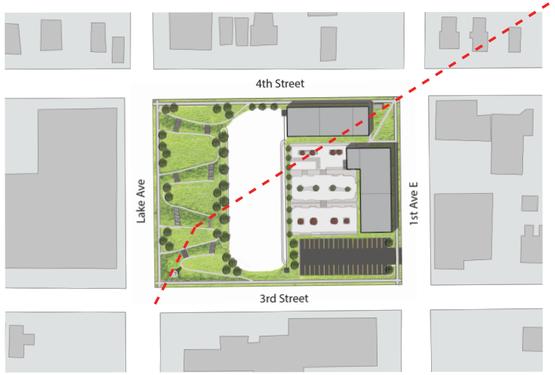
Advanced features

- Height: 36″ +
- Width: 2″ or smaller
- Length: 20′ +
- Angle: 15 - 40 degrees

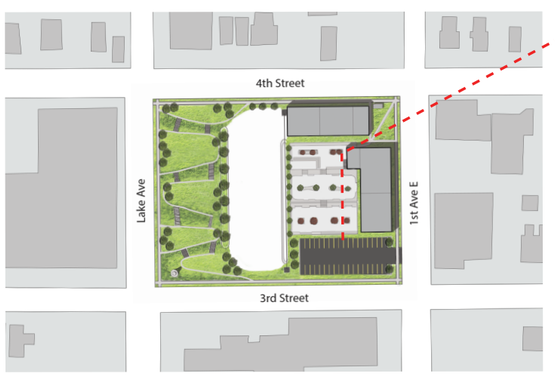


SECTION **CUT**





LOOKING EAST

SECTION CUT

LOOKING NORTHEAST