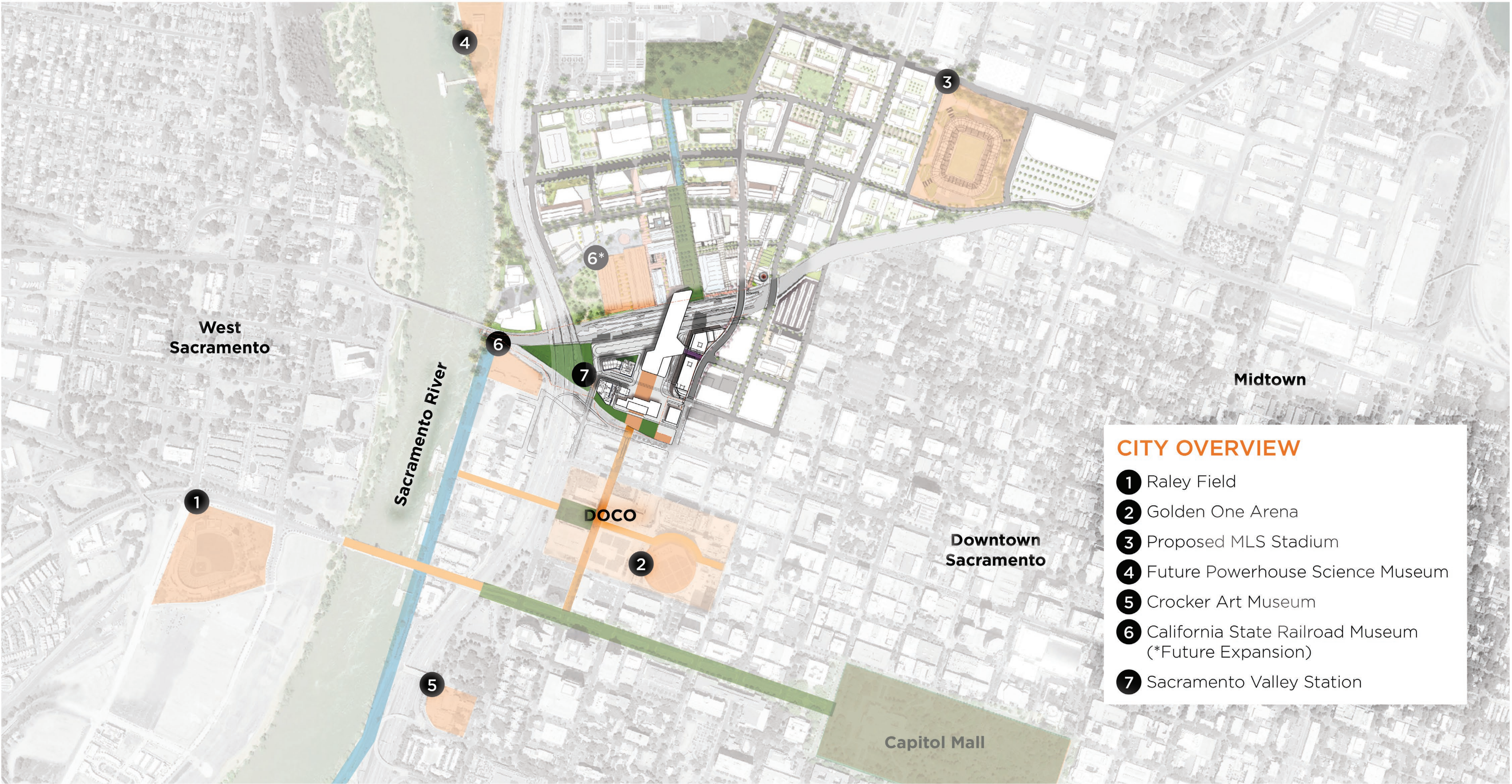
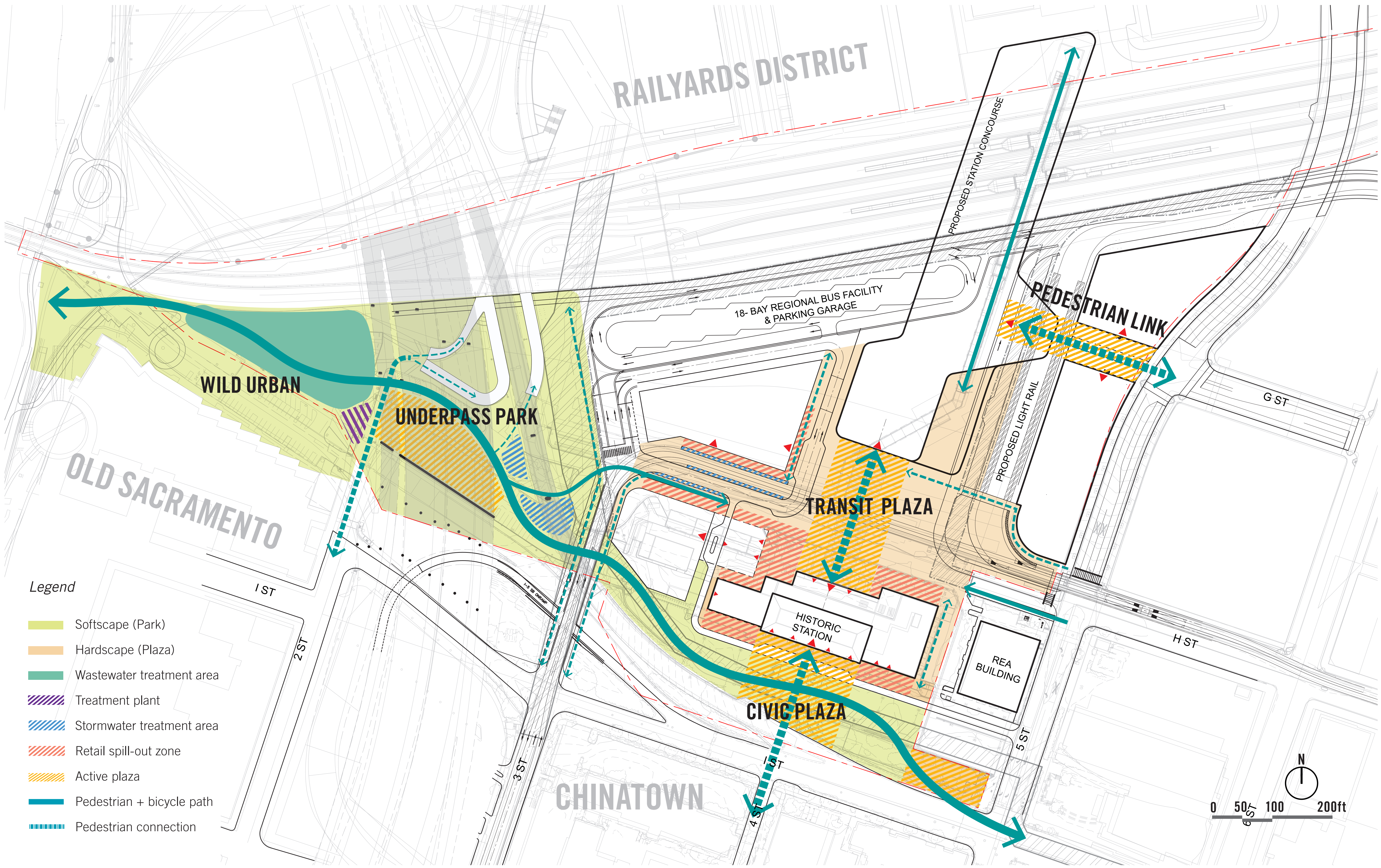


PLACEMAKING OPEN SPACE/PUBLIC REALM

OPEN SPACE CONTEXT



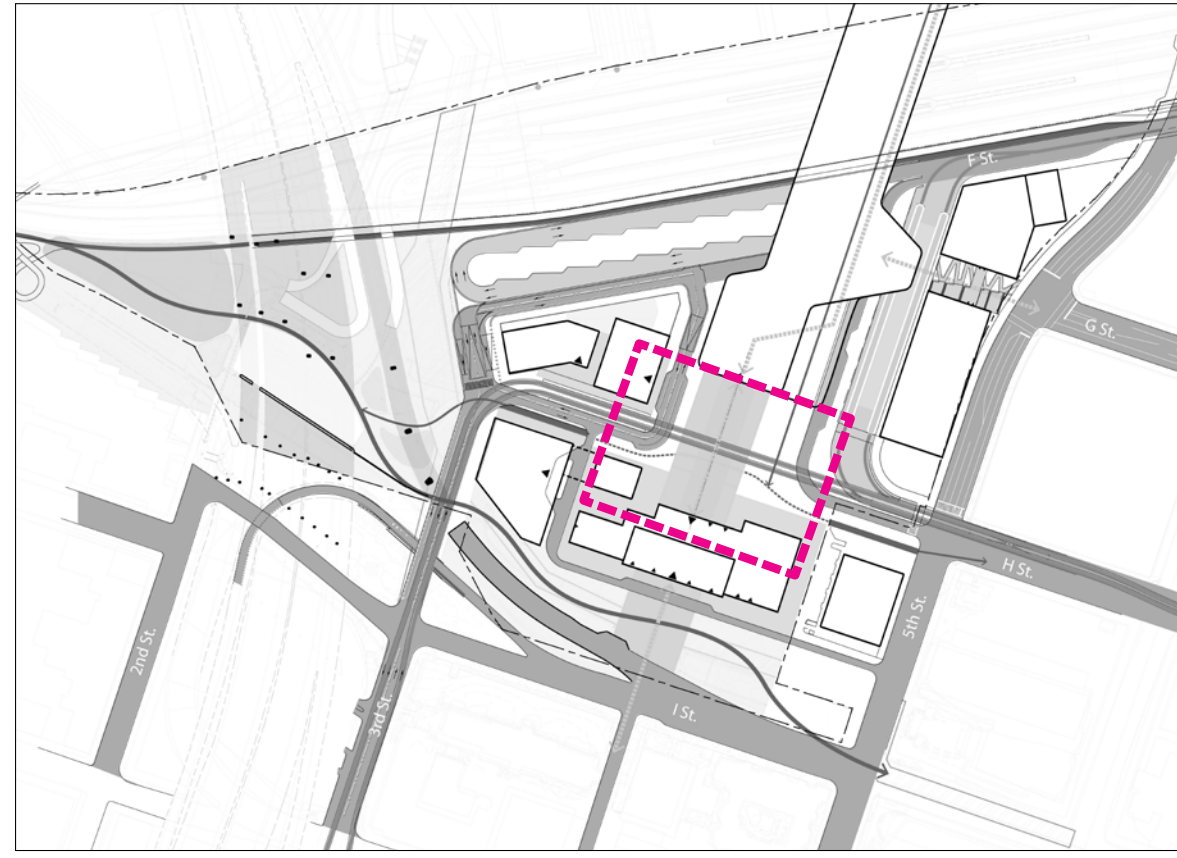
SITE OPEN SPACE FRAMEWORK



- QUESTIONS:**
- 1. What kind of open spaces would you like to enjoy here?
 - 2. What would make the experience of the station area more engaging, comfortable and safe?

PLACEMAKING OPEN SPACE/PUBLIC REALM

TRANSIT PLAZA



The Railway Square, Oslo, Norway

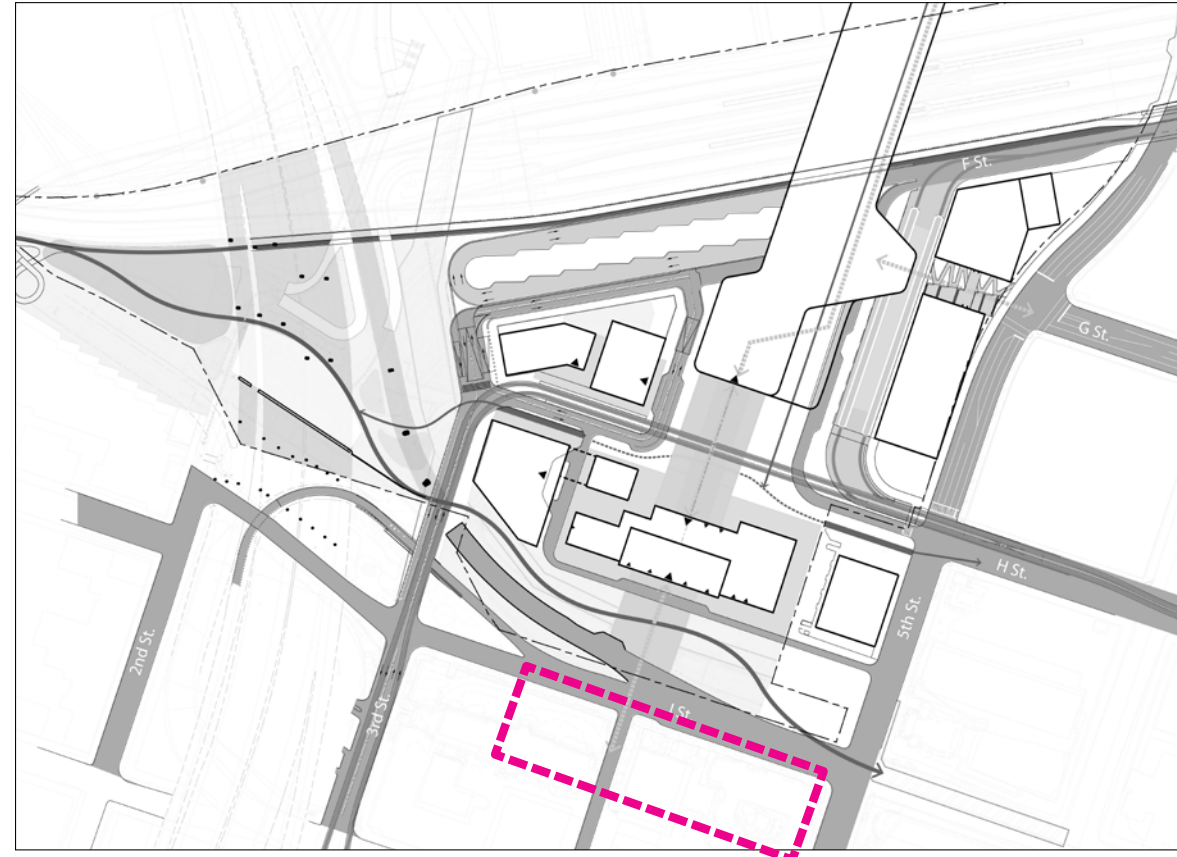


King's Cross Station, London, UK



Utrecht Centraal, Utrecht, Netherlands

CIVIC PLAZA



Ferry Building, San Francisco, CA

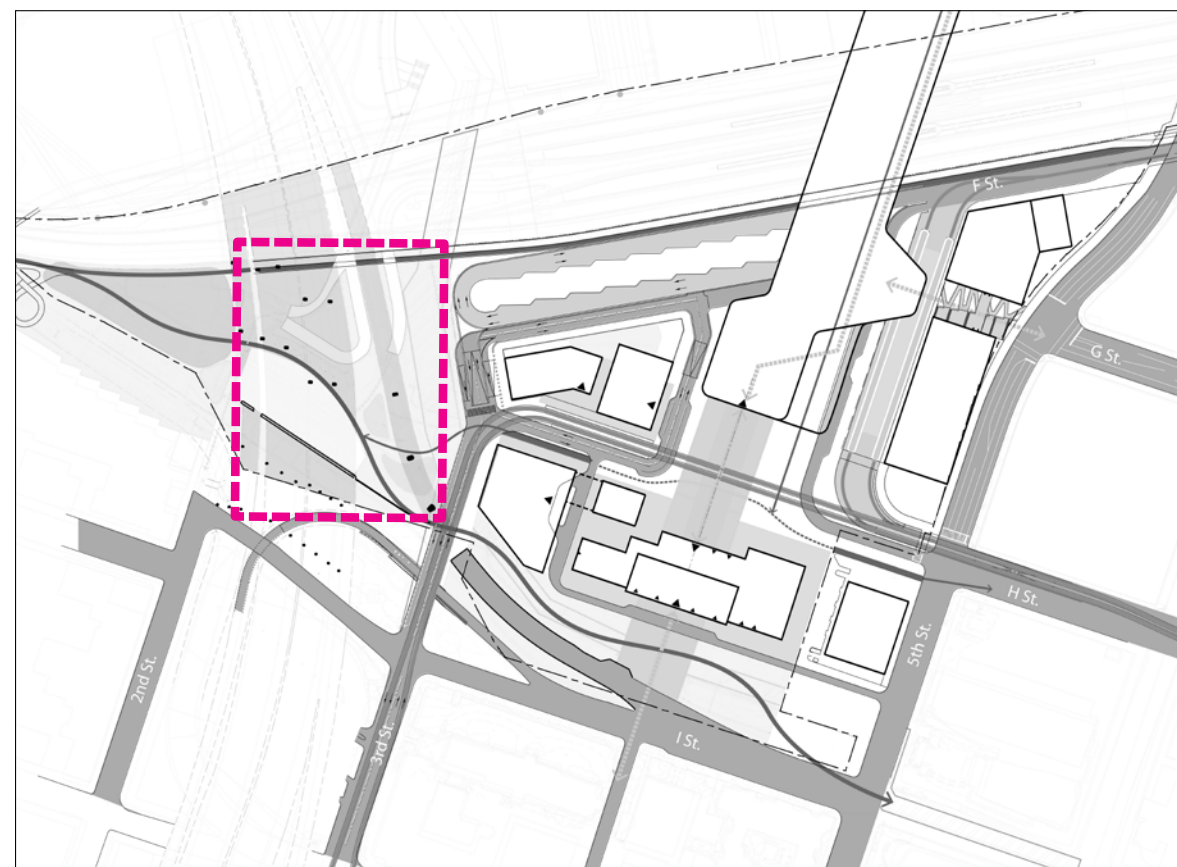


Denver Union Station, Denver, CO



Lyde Warren Park, Dallas, TX

UNDERPASS PARK



The Bentway Park, Toronto, Canada

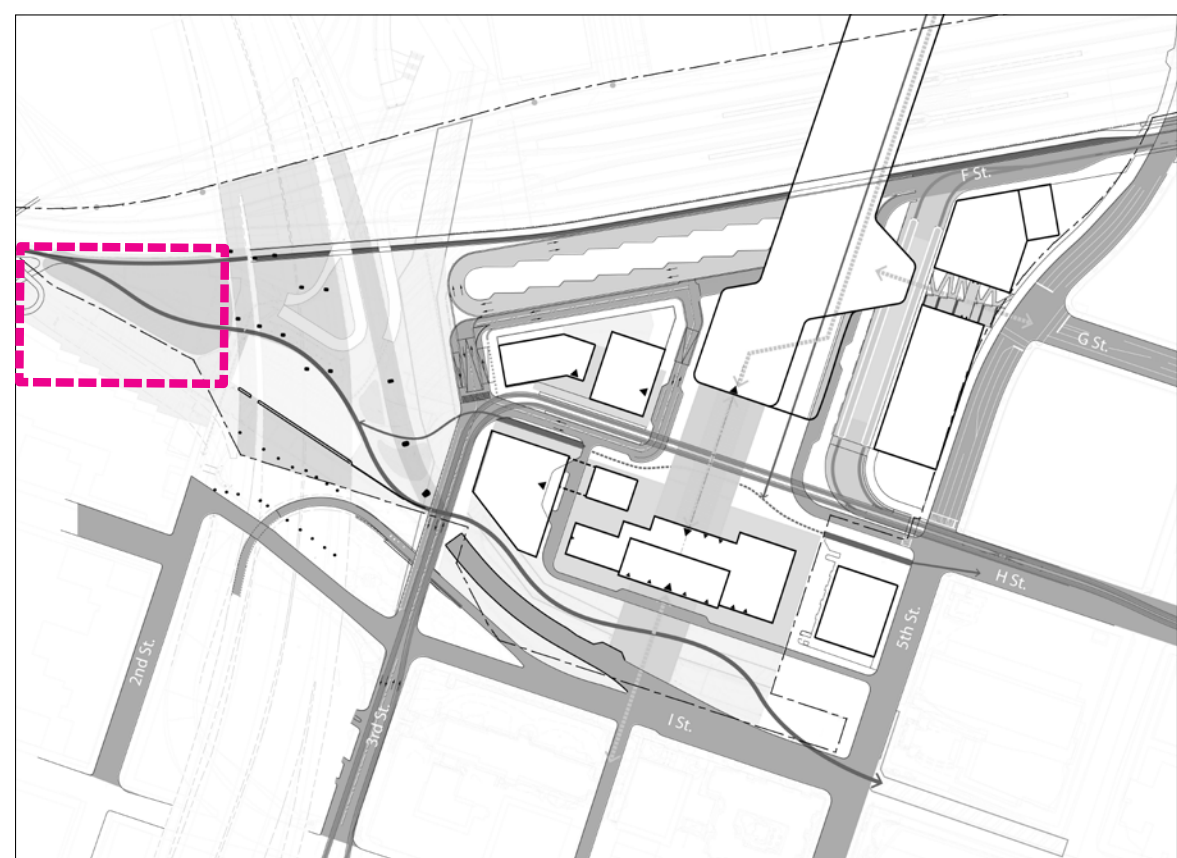


Underpass Park, Toronto, Canada



Mission Creek Park, San Francisco, CA

WILD URBAN



Tanner Springs Park, Portland, OR



Hassalo, Portland, OR



Buffalo Bayou Park, Houston, TX

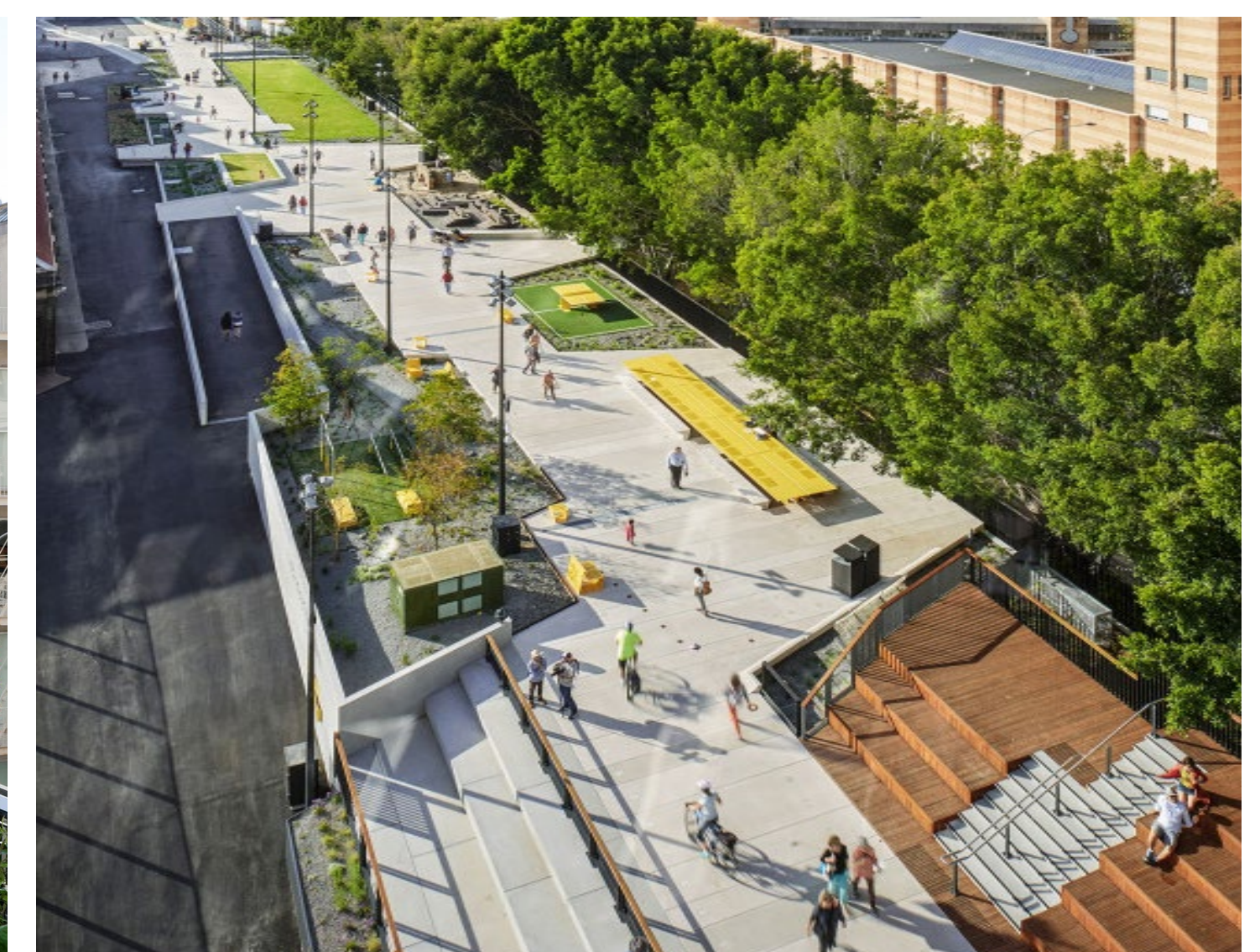
PEDESTRIAN LINK



UC Berkeley, Berkeley, CA



Highline, New York, NY

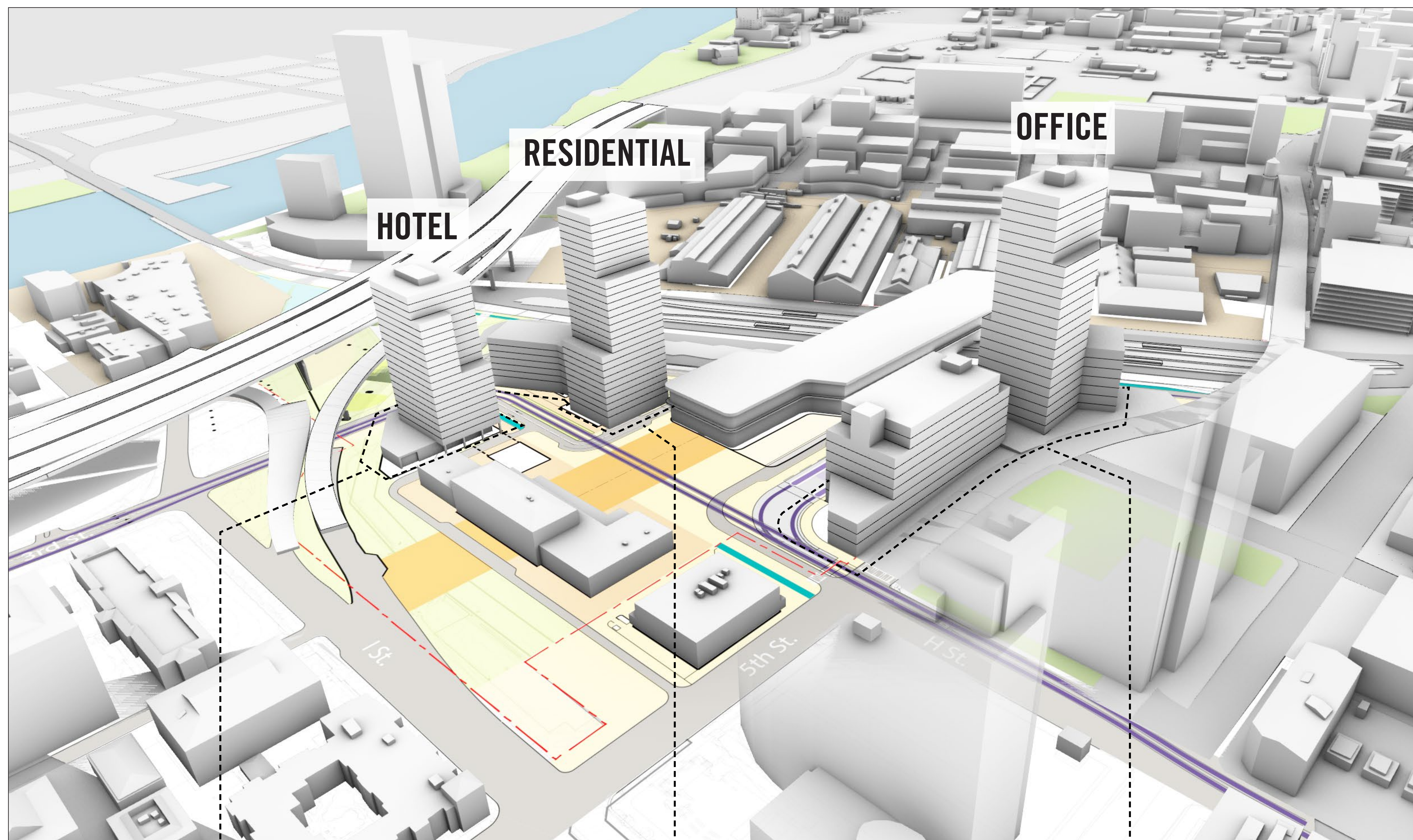


The Goods Line, Sydney, Australia

QUESTION: 1. Are there other community activities or open space program you would like to see here?

PLACEMAKING DEVELOPMENT OPPORTUNITIES

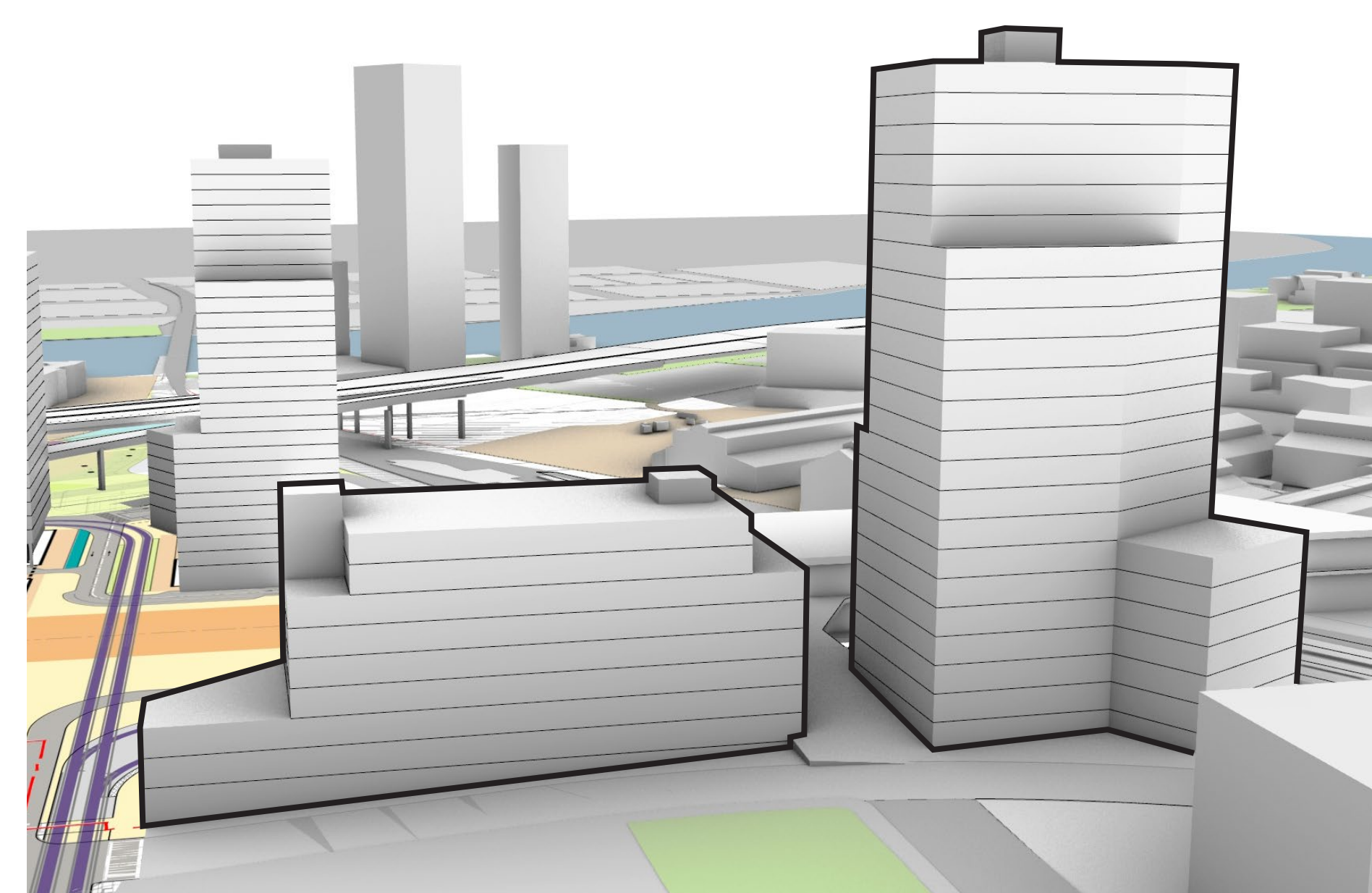
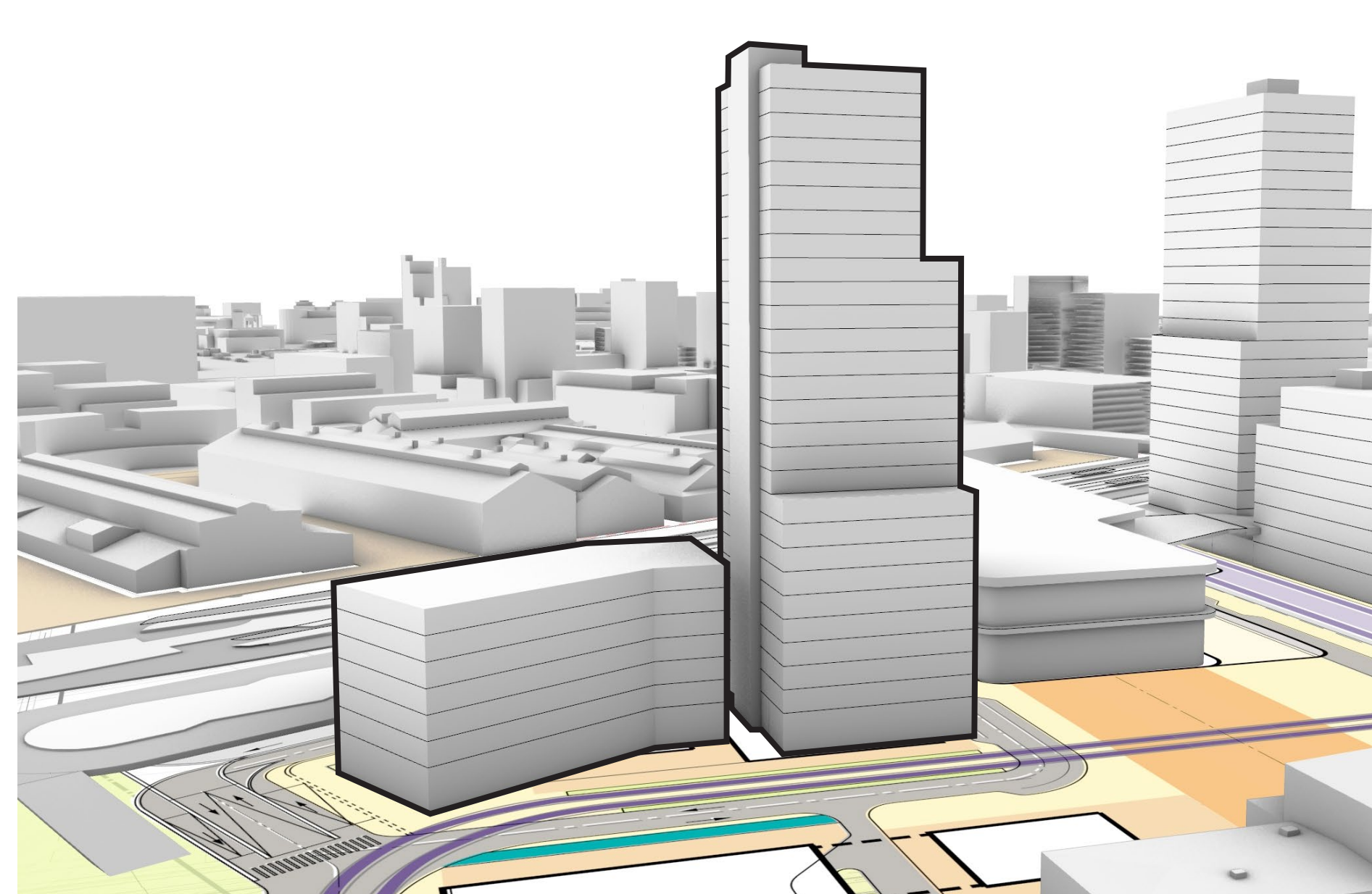
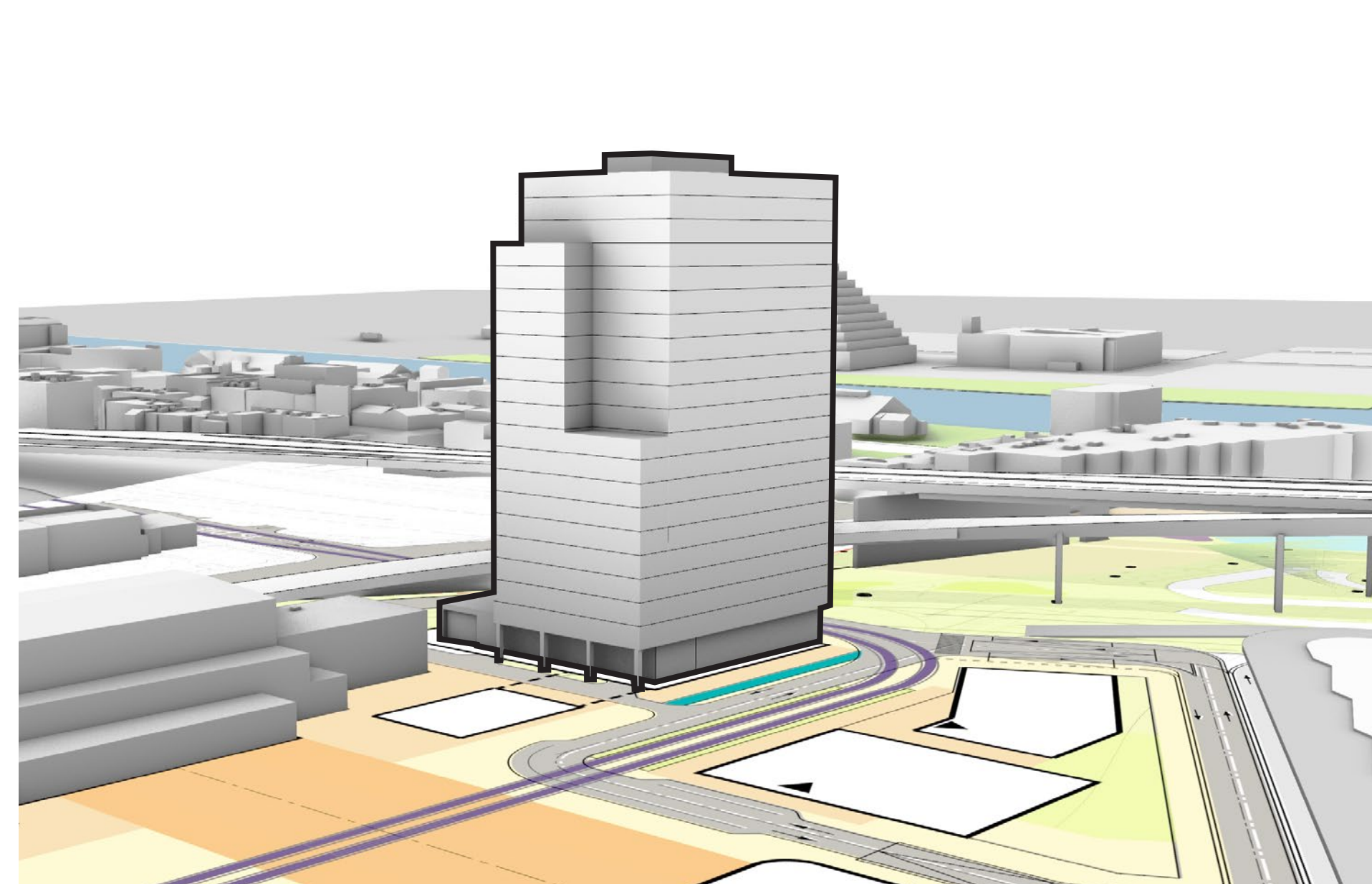
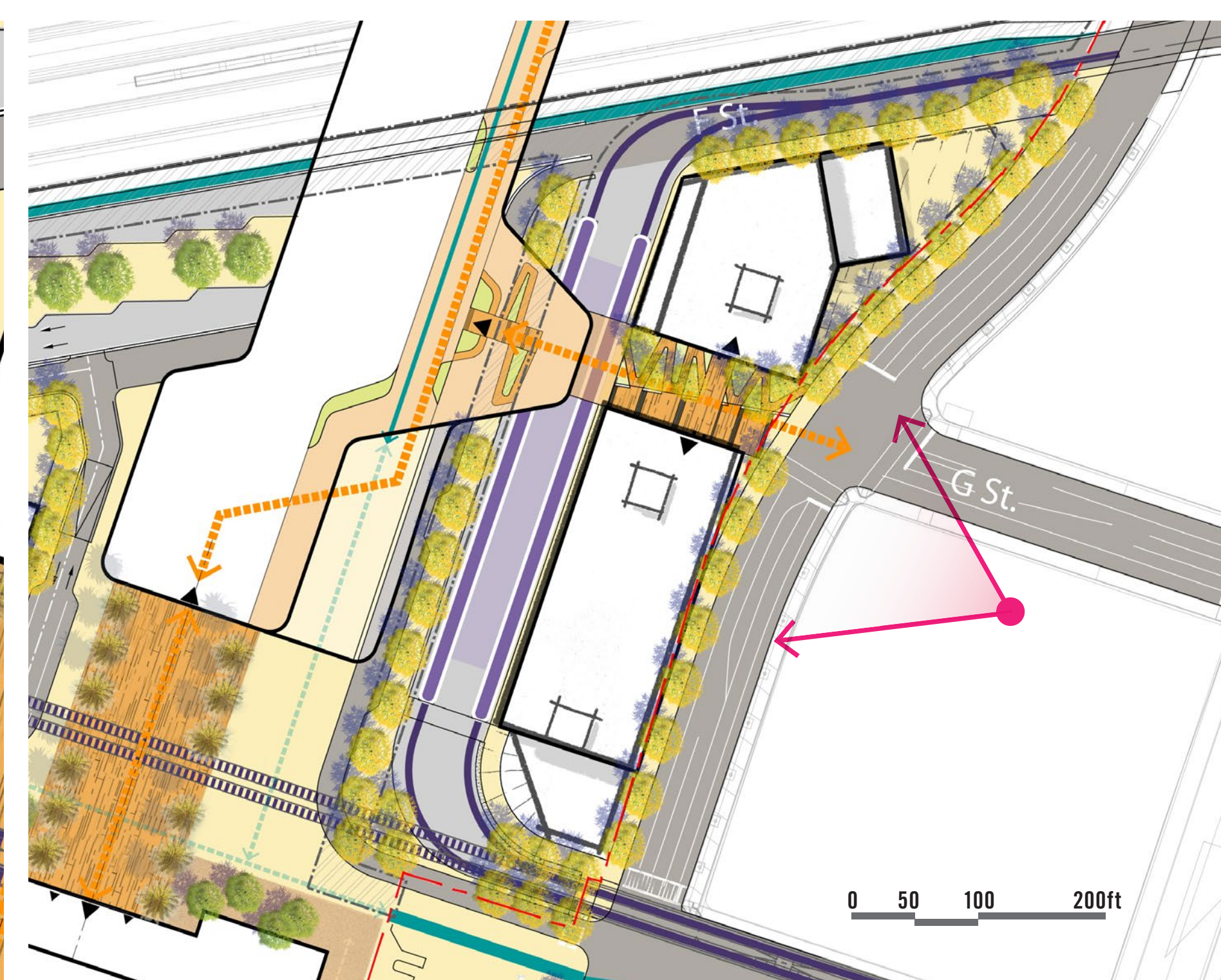
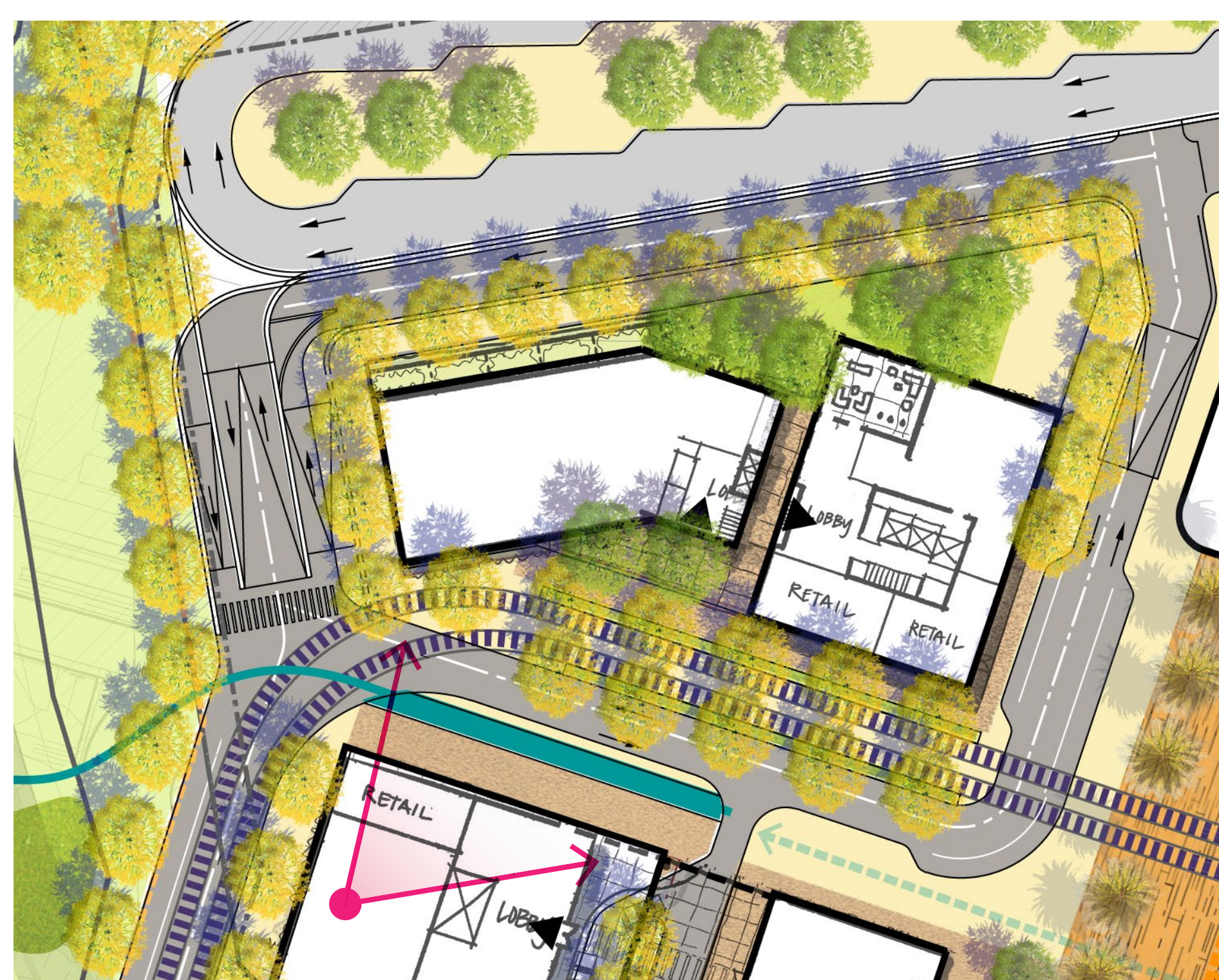
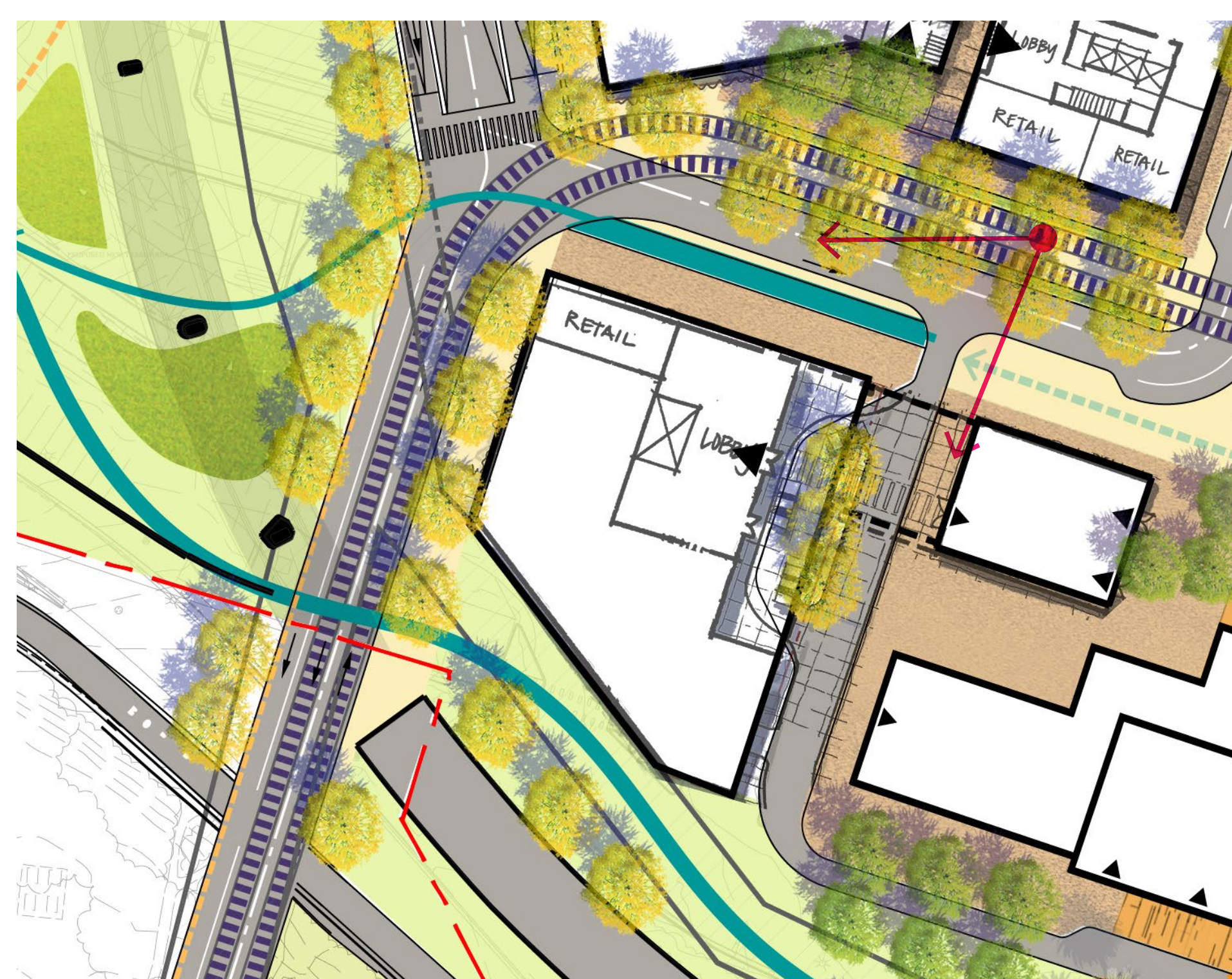
VIBRANT MIX OF USES



HOTEL USE

RESIDENTIAL USE

OFFICE USE



QUESTIONS:

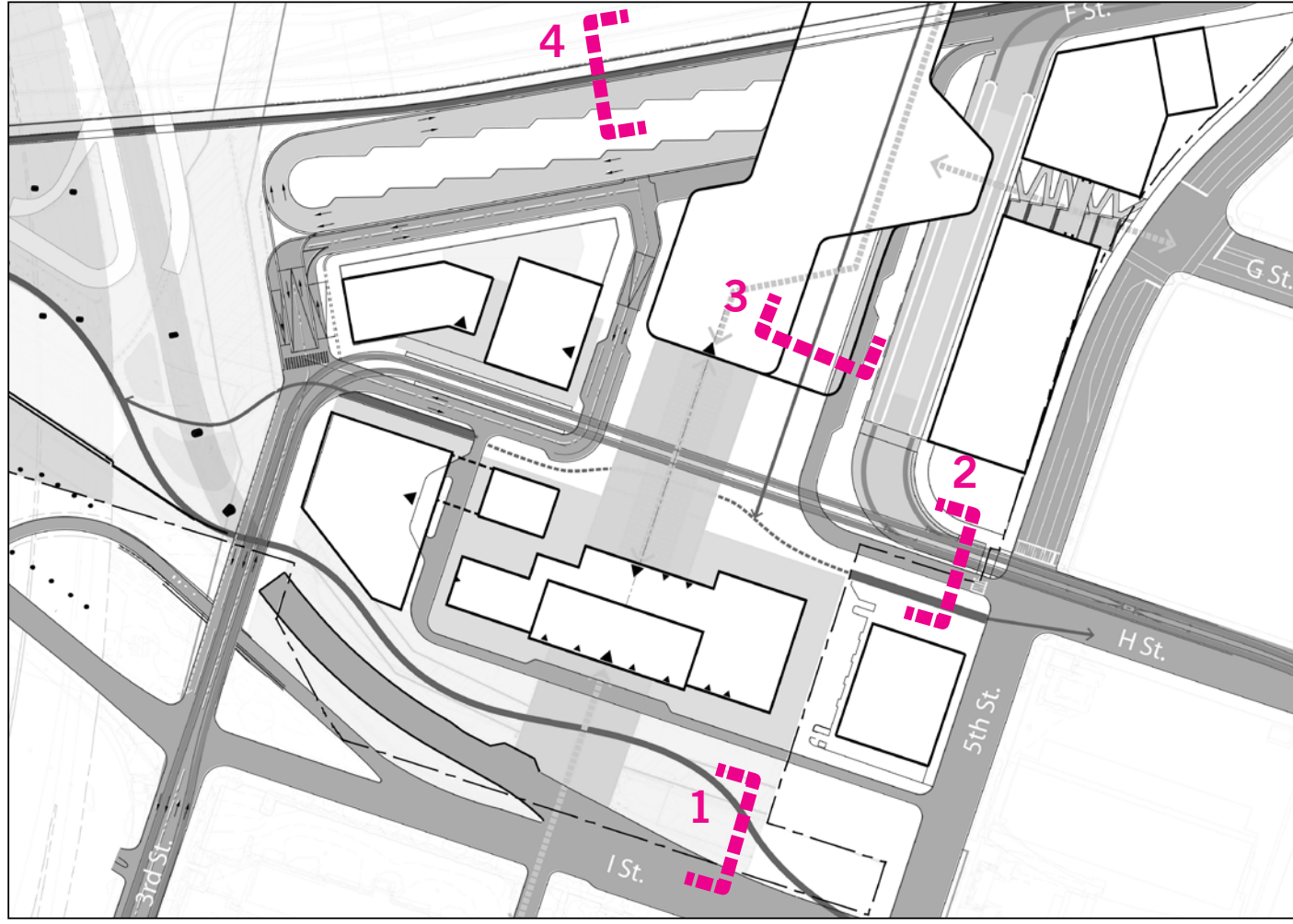
1. What type of uses should the station area accommodate?
2. How should the building heights respond to the existing context?

MOBILITY FRAMEWORK BIKE NETWORK

BIKE NETWORK



BIKE EXPERIENCE



1. ACROSS CIVIC PLAZA



Hunter's Point Park, New York.

2. NEAR LIGHT RAIL



Rotterdam Centraal, Rotterdam.

3. BIKE TUNNEL

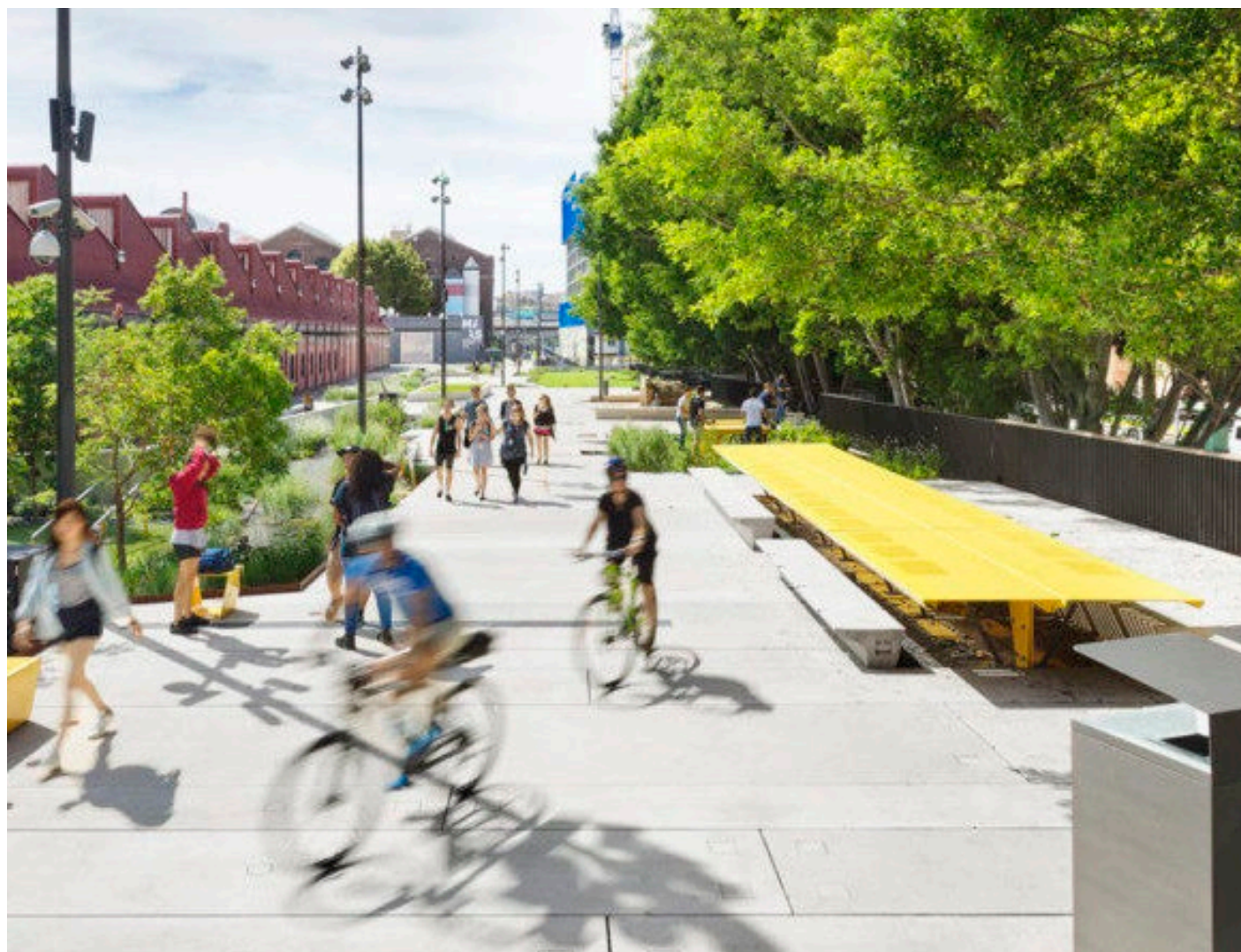


Bike Access, Kuala Lumpur, Malaysia.

4. ALONG BUS BAY



Amsterdam Centraal, Amsterdam.



The Goods Line Park, Sydney.



Southwest Moody Street, Portland.



Sacramento Valley Station, Sacramento



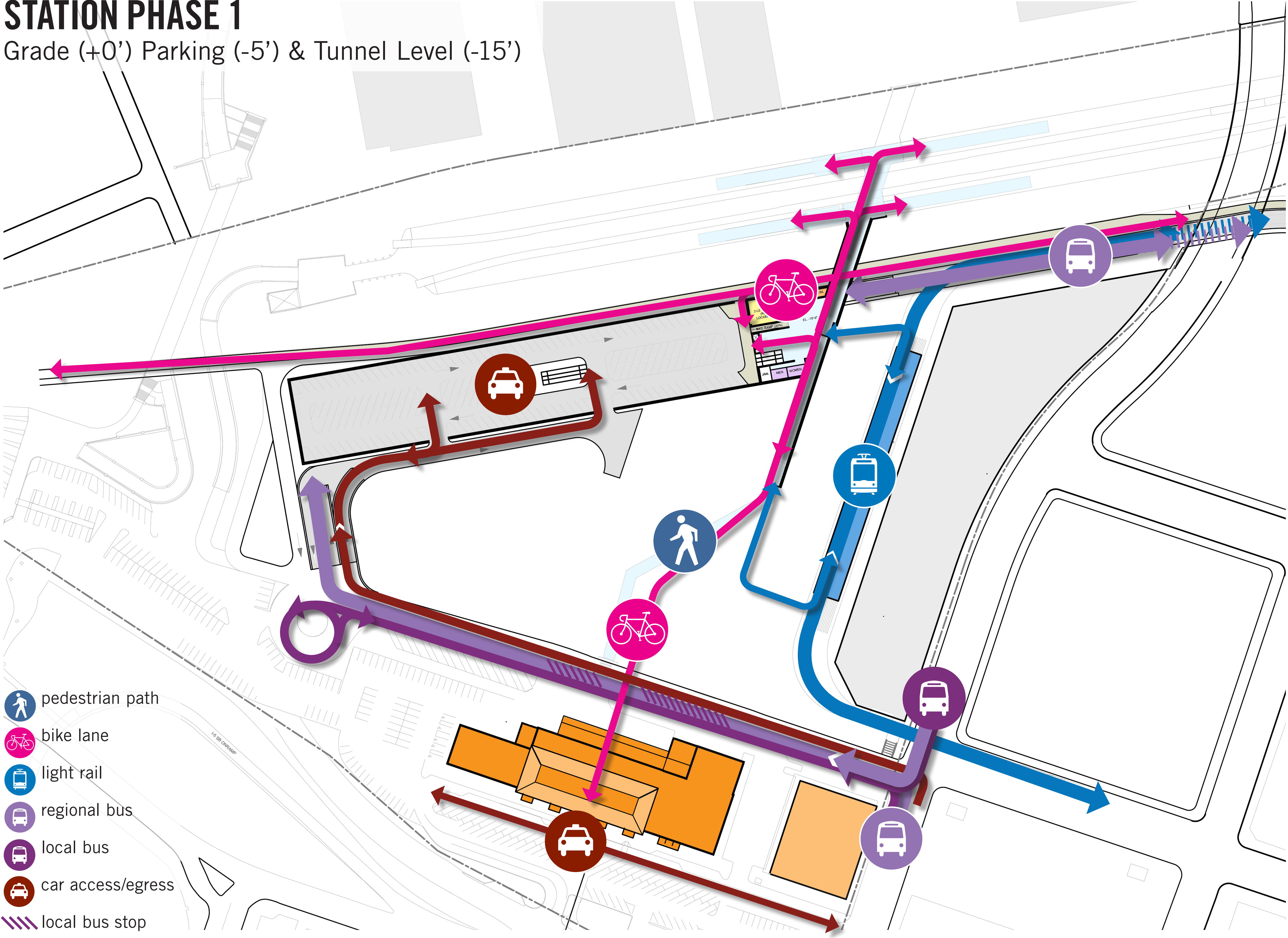
Delft Centraal, Delft.

QUESTIONS: 1. Does this provide a robust bike accessibility and connectivity network?
2. What type of bicycle facilities will bicyclists need? And where?

MOBILITY TRANSIT CIRCULATION

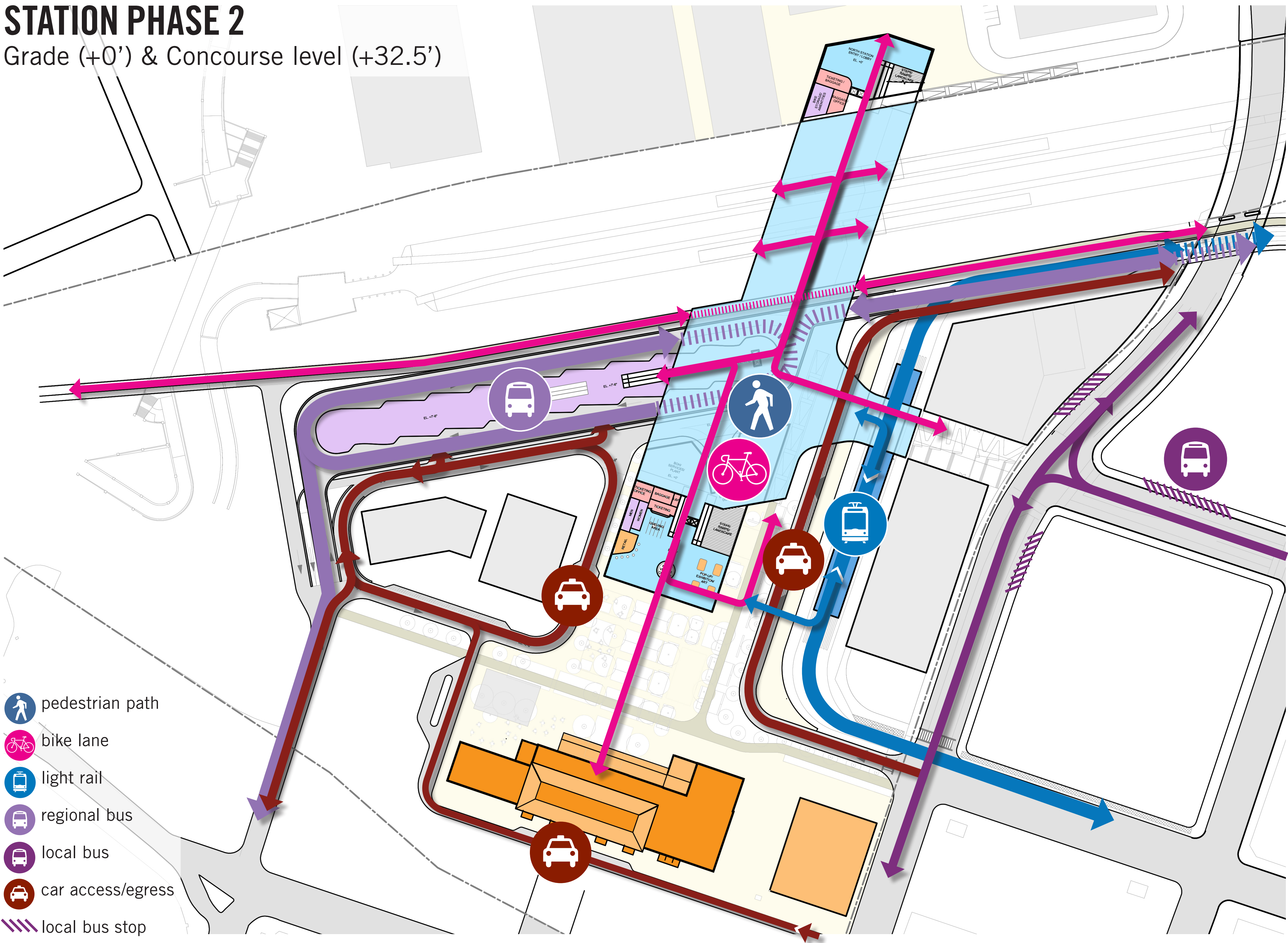
STATION PHASE 1

Grade (+0') Parking (-5') & Tunnel Level (-15')



STATION PHASE 2

Grade (+0') & Concourse level (+32.5')



Green Corridors



Biophilic Design



Transparency



Framed Entrances



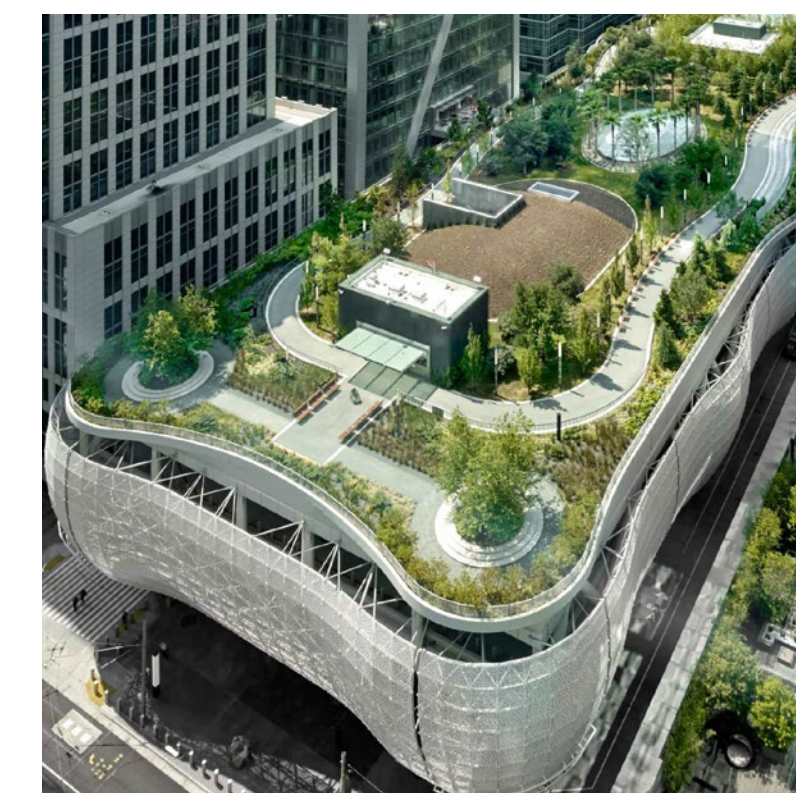
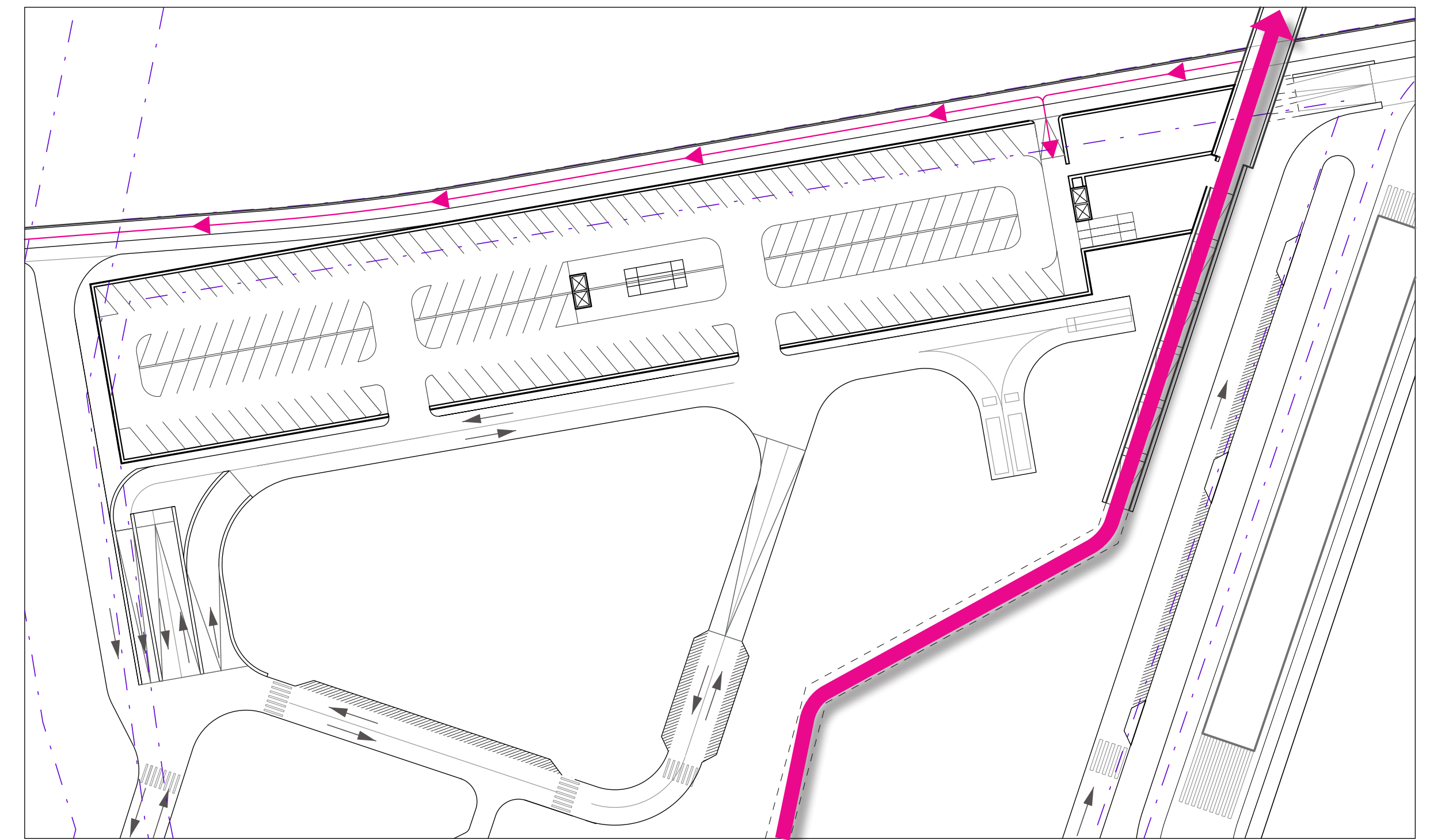
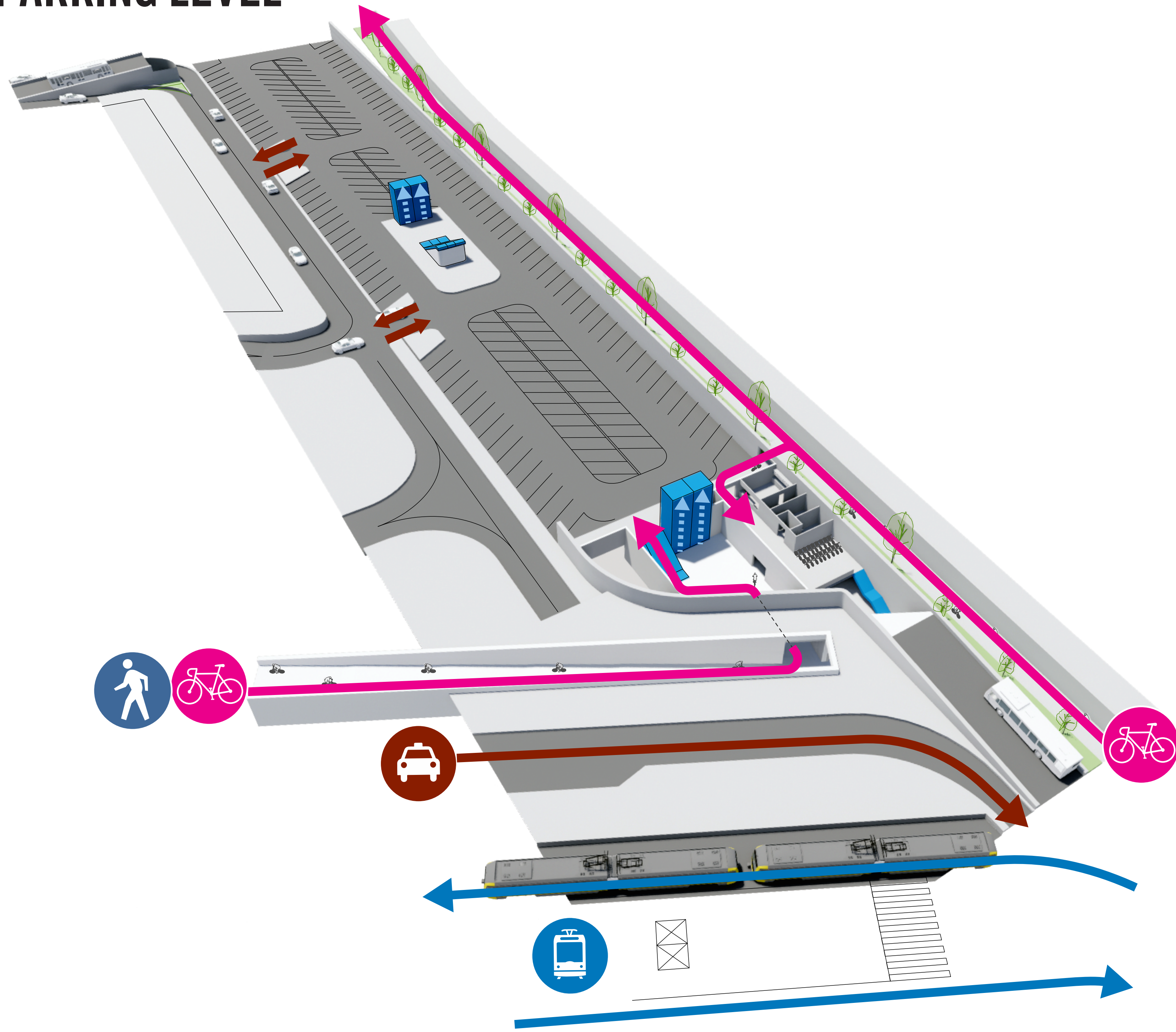
Historic Reverence



- QUESTIONS:**
1. What amenities would you like to have at the new station concourse, i.e. day-to-day amenities, destination program, etc?
 2. What is your favorite place in the Sacramento Region? Are there unique features about the area that you would like to see celebrated at the station, ie. art, history, culture, etc?

MOBILITY BUS TERMINAL

PARKING LEVEL



Transbay Transit Center



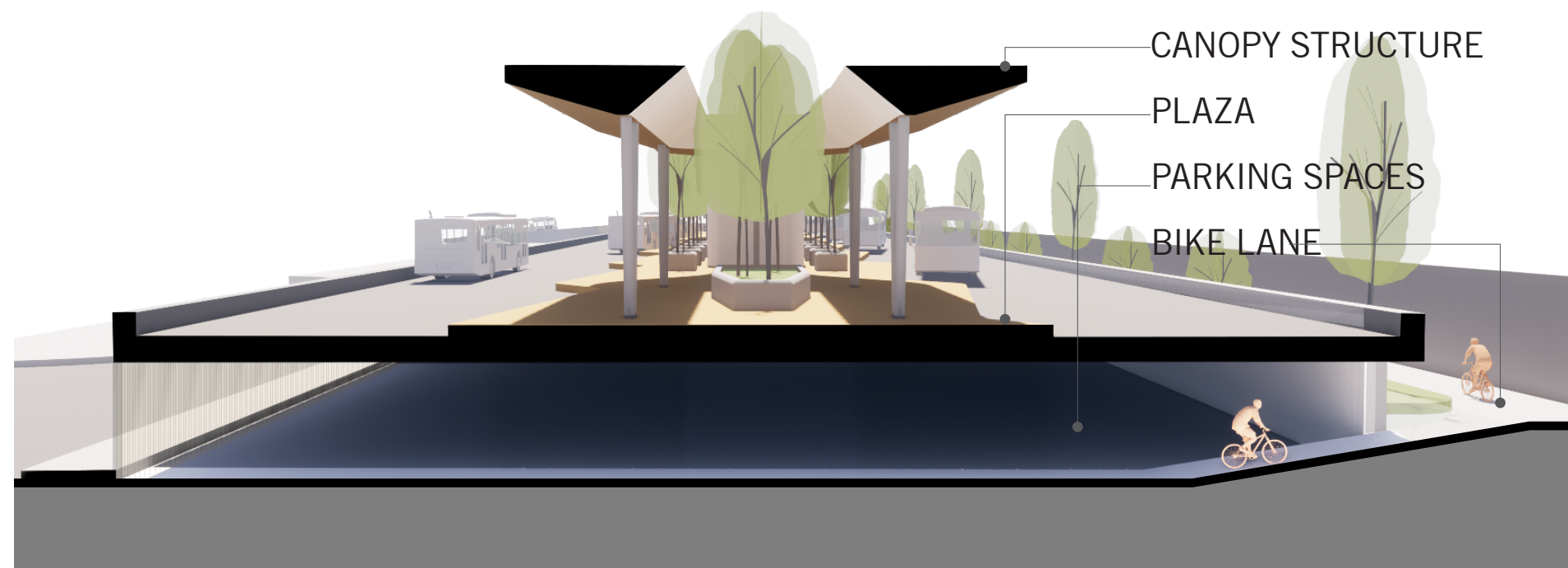
Bordeaux Car park



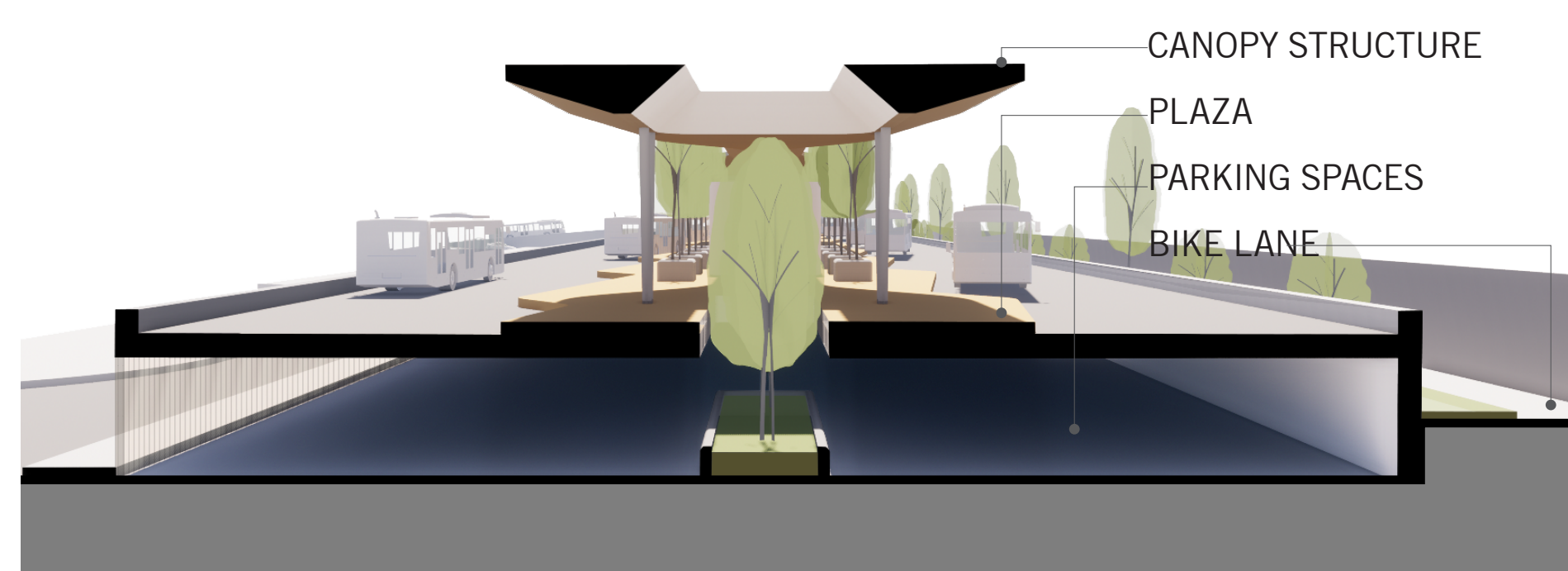
Parkville Station

BIOPHILIC INITIATIVES

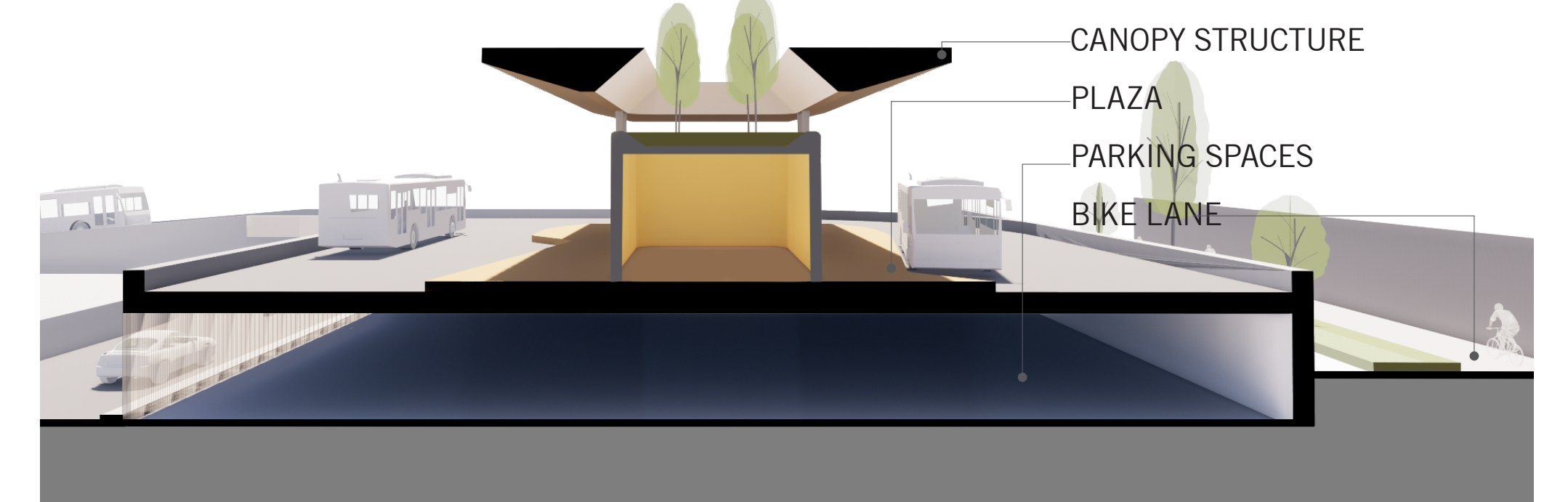
Parking Level (-5), Grade (+0') & Bus Plaza Level (+7.5')



Landscape integration at Bus Plaza Level

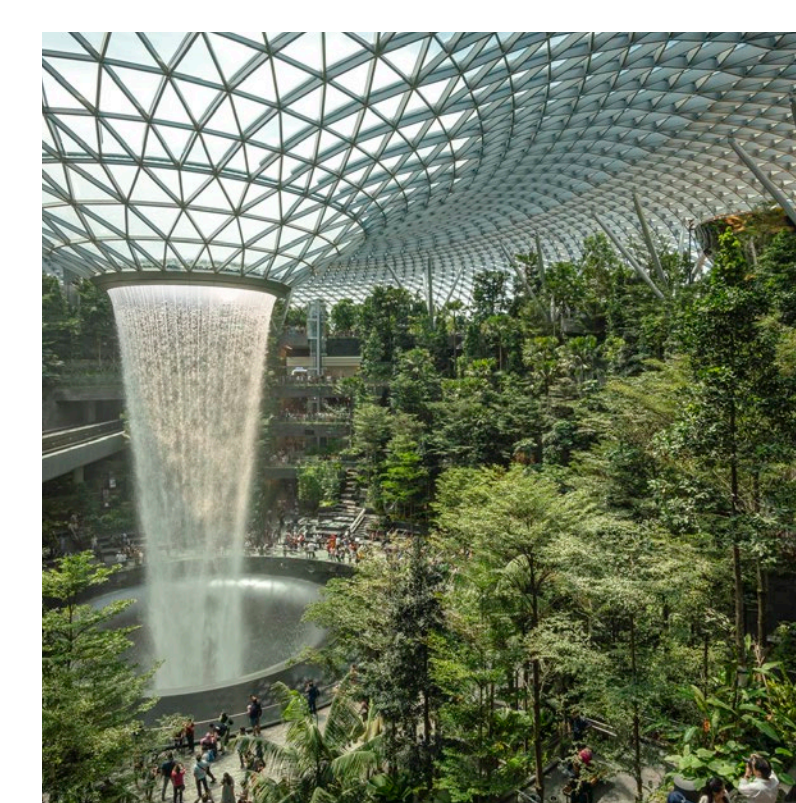
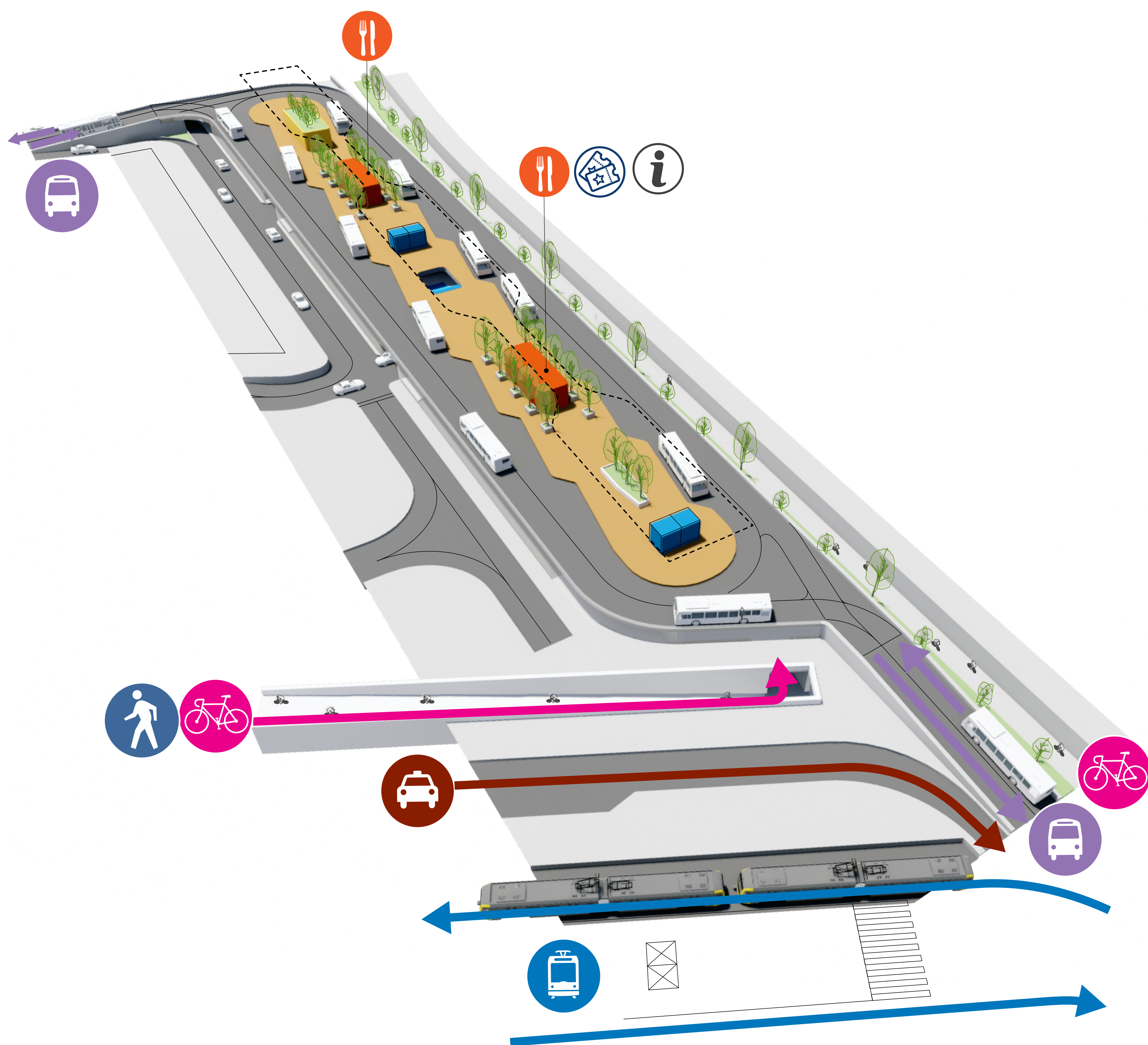


Addition of landscape at Parking Level



Green roof & vegetation integration on top of retail pods

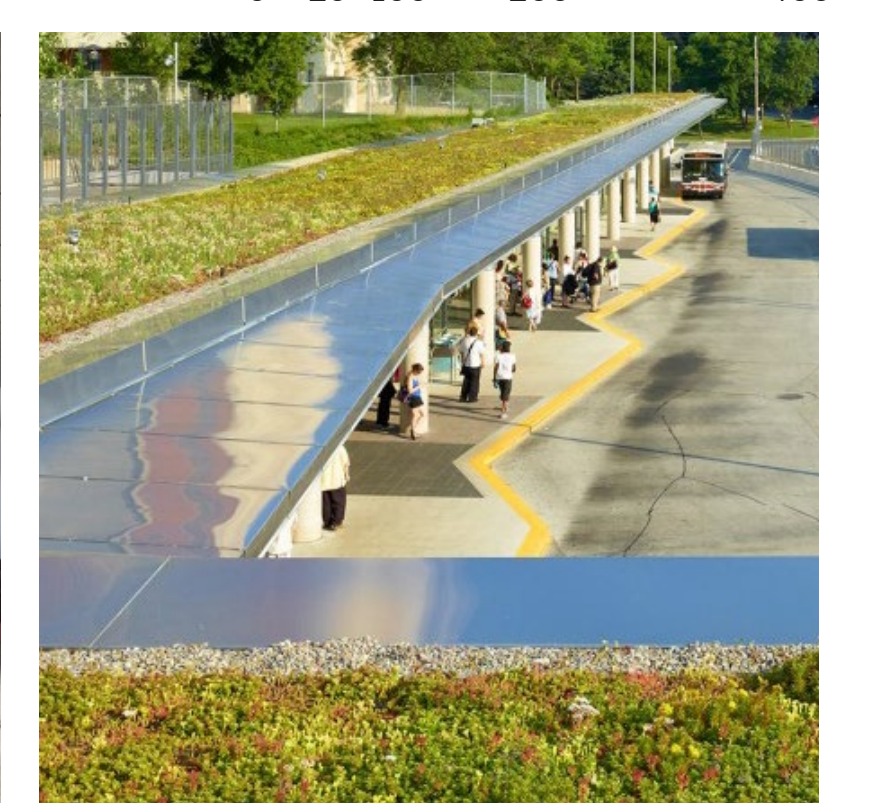
BUS TERMINAL PLAZA LEVEL



Jewel Changi Airport



LAX AMC Bus Terminal



Victoria Park Bus Station

QUESTIONS:

1. What amenities are important for the Bus Terminal? Currently proposed are food kiosks on the bus level, restrooms on the lower tunnel level, and bike facility on both the parking and tunnel levels.
2. How can the station area incorporate elements of the natural environment into its design?

SUSTAINABILITY THE LIVING COMMUNITY CHALLENGE

WHAT IS THE LIVING COMMUNITY CHALLENGE?



The Living Community Challenge (LCC) was inspired by a philosophy of regeneration and developed into a framework to guide the design and construction of buildings and neighborhoods to be “socially just, culturally rich, and ecologically restorative.” The Challenge is composed of seven categories, or “Petals:” Place, Water, Energy, Health & Happiness, Materials, Equity, and Beauty. Petals are divided into twenty imperatives, each with a set of options for incorporation into a

neighborhood design. Among these are requirements for Net-Positive Water and Net-Positive Energy, though these can be achieved with solutions beyond the footprint of the project. While LEED awards points for theoretical performance, the LCC requires performance data from one year of operation to confirm design intent.

An additional requirement of the LCC is that at least one building within the community must achieve

Living Building Certification. The NEW Station Building will target this goal for the Sacramento Valley Station Master Plan.

WATER PETAL



NET-POSITIVE WATER

100% of the community's needs must be supplied by captured precipitation or by recycling used community water.

ENERGY PETAL



NET-POSITIVE ENERGY

105% of community's energy needs must be supplied by community generated renewable energy on a net-annual basis.

MATERIALS PETAL



LIVING MATERIALS PLAN

Develop a plan to meet red list, responsible industry, and sourcing requirements

EMBODIED CARBON NET-POSITIVE WASTE

PLACE PETAL

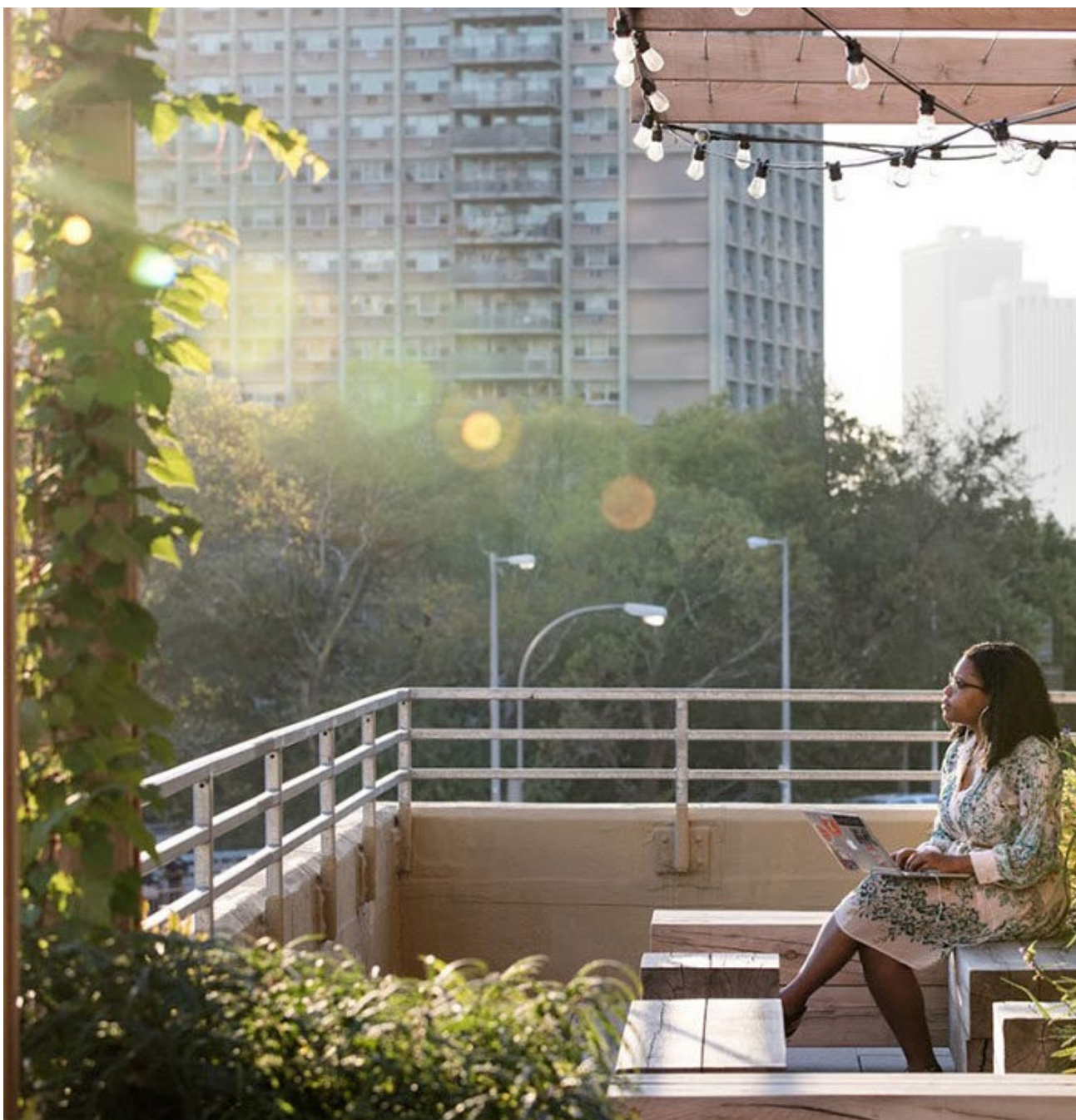


LIMITS TO GROWTH

Projects may only be built on greyfields or brownfields, and previously developed sites.

URBAN AGRICULTURE HABITAT EXCHANGE
HUMAN-POWERED LIVING

HEALTH + HAPPINESS PETAL



BIOPHILIC DESIGN HEALTHY NEIGHBORHOOD CIVILIZED ENVIRONMENT

Oversee the ongoing inclusion of local initiatives, such as local food program, bike share, etc.

RESILIENT COMMUNITY

BEAUTY PETAL



BEAUTY + SPIRIT INSPIRATION + EDUCATION

EQUITY PETAL



HUMAN SCALE + HUMANE PLACES

UNIVERSAL ACCESS TO NATURE + PLACE

UNIVERSAL ACCESS TO COMMUNITY SERVICES

EQUITABLE INVESTMENT

JUST ORGANIZATIONS

QUESTIONS: 1. What does sustainability mean to you?
2. What ideas do you have to create a sustainable Sacramento Valley Station?

SUSTAINABILITY THE LIVING COMMUNITY CHALLENGE

WHAT IS BIOPHILIC DESIGN?



Image Credit: CNN

Biophilic design is a method of designing the places in which we live and work in a way that satisfies our deep and fundamental need to be connected with nature.

-- Human spaces global report, 2015

KEY BIOPHILIC DESIGN ELEMENTS



NATURE AT THE STATION

Create an urban forest | Support local habitats and ecosystems | Plant trees throughout project | Preserve, enhance, celebrate purple marten habitat.



SENSORY EXPERIENCE

Create thermal, visual, and acoustic comfort for users of the space | Create an engaging soundscape | Incorporate sensory variability.



WATER

Provide sensory link to/experience of water | Expose elements of water systems | Incorporate water features | Visually express stormwater management



PROSPECT & REFUGE

Consider views for orientation, wayfinding | Incorporate opportunities for prospect and refuge for breaks and waiting | Address needs of range of users



SENSE OF PLACE

Celebrate cultural and ecological history of site and associated communities | Relate sensory experience to sacramento-specific features

QUESTIONS: 1. How can we help people connect to nature at Sacramento Valley Station?
2. What else could help create a healthy and enjoyable experience here?