

# Stanford Javier Marcel Caldera III

Landscape Architecture | Urban Design | Environmental Justice | Design Informed Policy | Community Engagement



## Education

**North Carolina State University | Graduated Spring 2017**

Master of Landscape Architecture & Certificate in City Design

**University of North Carolina at Charlotte | Completed August 2016**

Master of Urban Design

**Pontifical Catholic University of Rio de Janeiro + UNC Charlotte | Brazil | Summer 2016**

Hyper-Density, Resilient Urban Infrastructure, & Climate Change Studio

**Florida Agricultural & Mechanical University | Graduated Fall 2011**

B.Sc Landscape Design & Management | Minor: Architecture & Planning



## Relevant Coursework

- Planning Law & Form Based Code
- GIS & Urban Mapping
- Grading, Drainage, & Site Systems
- Planting Design Workshop
- Digital Video Techniques in Landscape Arch.
- Urban Design History & Theory
- Wood, Metal, & Plastics
- Contracting & Professional Practice
- Human Use of the Urban Landscape
- Landscape Construction Materials
- Digital Media Applications
- Transportation Planning & Issues
- Community Planning Workshop



## Work Experience

**SPUR (San Francisco Bay Planning & Urban Research Association)**

SF Urban Planning Policy Manager  
San Francisco, CA  
September 2022 - Sept. 2023

**Global Green**

Urban Sustainability Planner  
Santa Monica, CA  
August 2016 - September 2018

**Caldera Urban + Environmental Design**

Independent Urban Design Researcher  
Los Angeles / San Francisco, CA  
July 2018 - Present

**Architect of the Capitol**

**United States Botanic Garden**  
Design Intern [Summer Assignment]  
Washington, D.C. | 2009 - 2011



## Projects

**Supporting Small & BIPOC Businesses in Downtown SF Policy Report | 2022 - 2023**  
Research & Writing

**Office-to-Residential Conversion Report | 2022 - 2023**

Writing Support, Case Studies & Appendix

**T.R.U.S.T. South LA Stable & Sustainable Slauson Community Plan | 2017 - 2019**

LEED ND Technical Writing, Design Consultant, Community Engagement

**Century Villages at Cabrillo LEED ND Certification; Long Beach, CA | 2016 - 2018**

Project Manager | Certification: Platinum

**GO Human Tactical Urbanism (Southern Calif. Association of Governments) | 2018**

Project Coordinator, Signage & Wayfinding Designer

**Little Tokyo Azusa Street Alley Redevelopment | Los Angeles, CA | 2016 - 2019**

Illustrative Design, Community Engagement, Tactical Urbanism Coordinator



## Involvement

**National Organization of Minority Architects [NOMA] | Project Pipeline Camp**

Architecture + Planning Mentor | Summer 2017 + 2018  
Los Angeles, California

**Westlake South Neighborhood Council**

Community Planning Board Chairman | 2018 - 2019  
Los Angeles, California



[www.Caldera.LA](http://www.Caldera.LA)  
[www.Cloud-City.TV](http://www.Cloud-City.TV)



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## Design Skills

AutoCAD



Revit Architecture



ArcGIS Pro



SketchUp Pro



ESRI CityEngine



Adobe Photoshop



Adobe Illustrator



Adobe InDesign



Adobe After Effects



Adobe Premier Pro



Hand Drafting



Site Analysis & Planning



Site Engineering / Grading



Planting Design

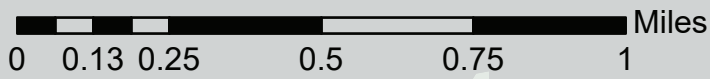


Architectural Design



Construction Detail Documents





# Future of Downtown San Francisco Study Area

## C-3 Districts

- C-3-S District: Downtown Support
- C-3-R District: Downtown Retail
- C-3-O(SD) District: Downtown Office Special Development
- C-3-O District: Downtown Office
- C-3-G District: Downtown General Commercial

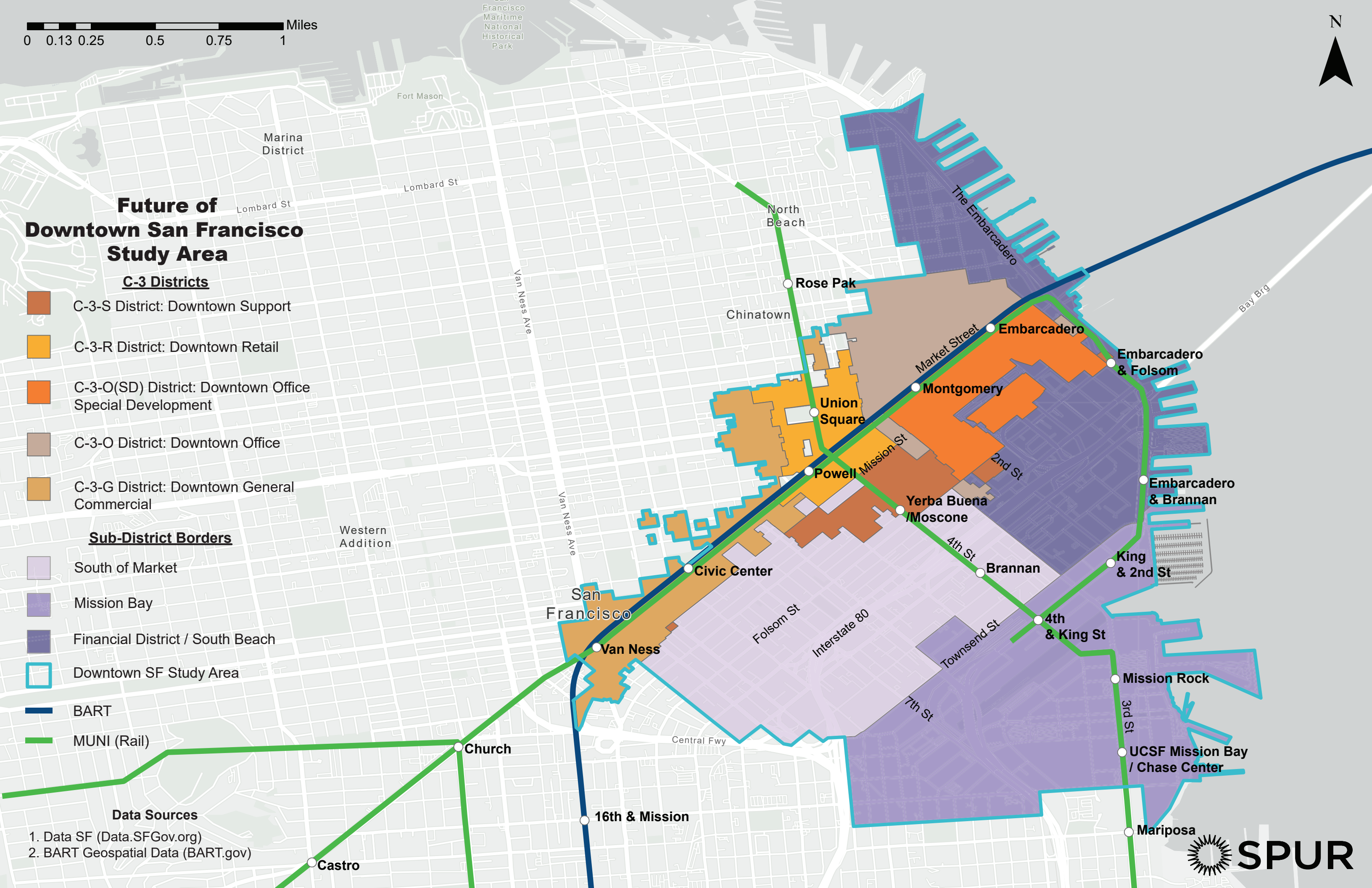
## Sub-District Borders

- South of Market
- Mission Bay
- Financial District / South Beach
- Downtown SF Study Area

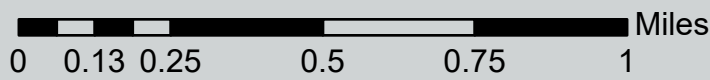
- BART
- MUNI (Rail)

## Data Sources

1. Data SF (Data.SFGov.org)
2. BART Geospatial Data (BART.gov)







Francisco Maritime National Historical Park

Marina District

Fort Mason

Lombard St

Lombard St

Van Ness Ave

North Beach

The Embarcadero

Bay Brg

Chinatown

Rose Pak

Embarcadero

Embarcadero & Folsom

Union Square

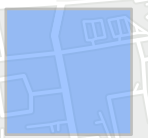
Market Street

Montgomery

### Future of Downtown San Francisco Arts, Culture, & Entertainment District (ACE) Study Area



ACE District Boundary



ACE District Buffer Zone - 1500 feet



Downtown SF Study Area



BART



MUNI (Rail)

Western Addition

Civic Center

Embarcadero & Brannan

King & 2nd St

San Francisco

Yerba Buena / Moscone

Brannan

4th & King St

Van Ness

Folsom St

Interstate 80

James Lick Skwy

Townsend St

Mission Rock

3rd St

Central Fwy

UCSF Mission Bay / Chase Center

Church

16th & Mission

Mariposa

Castro





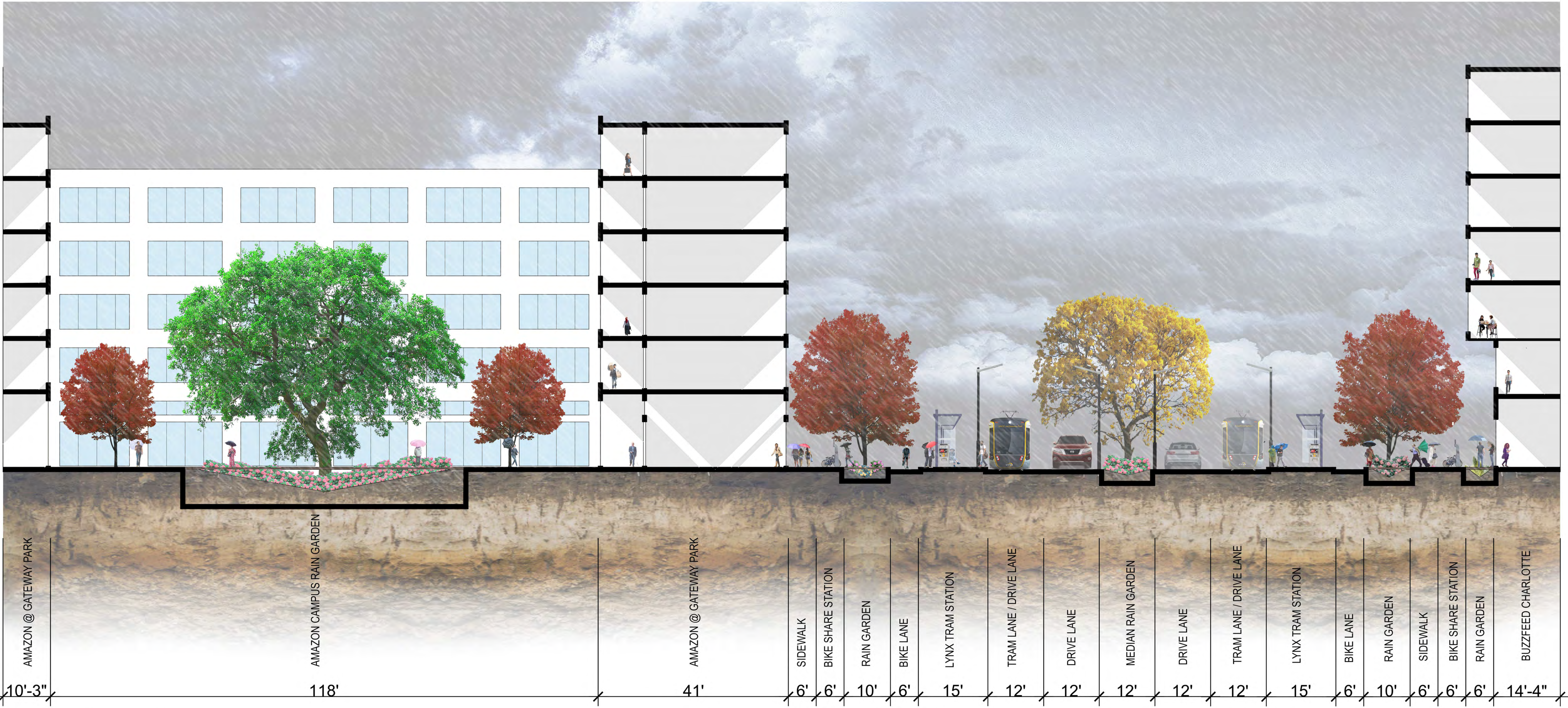






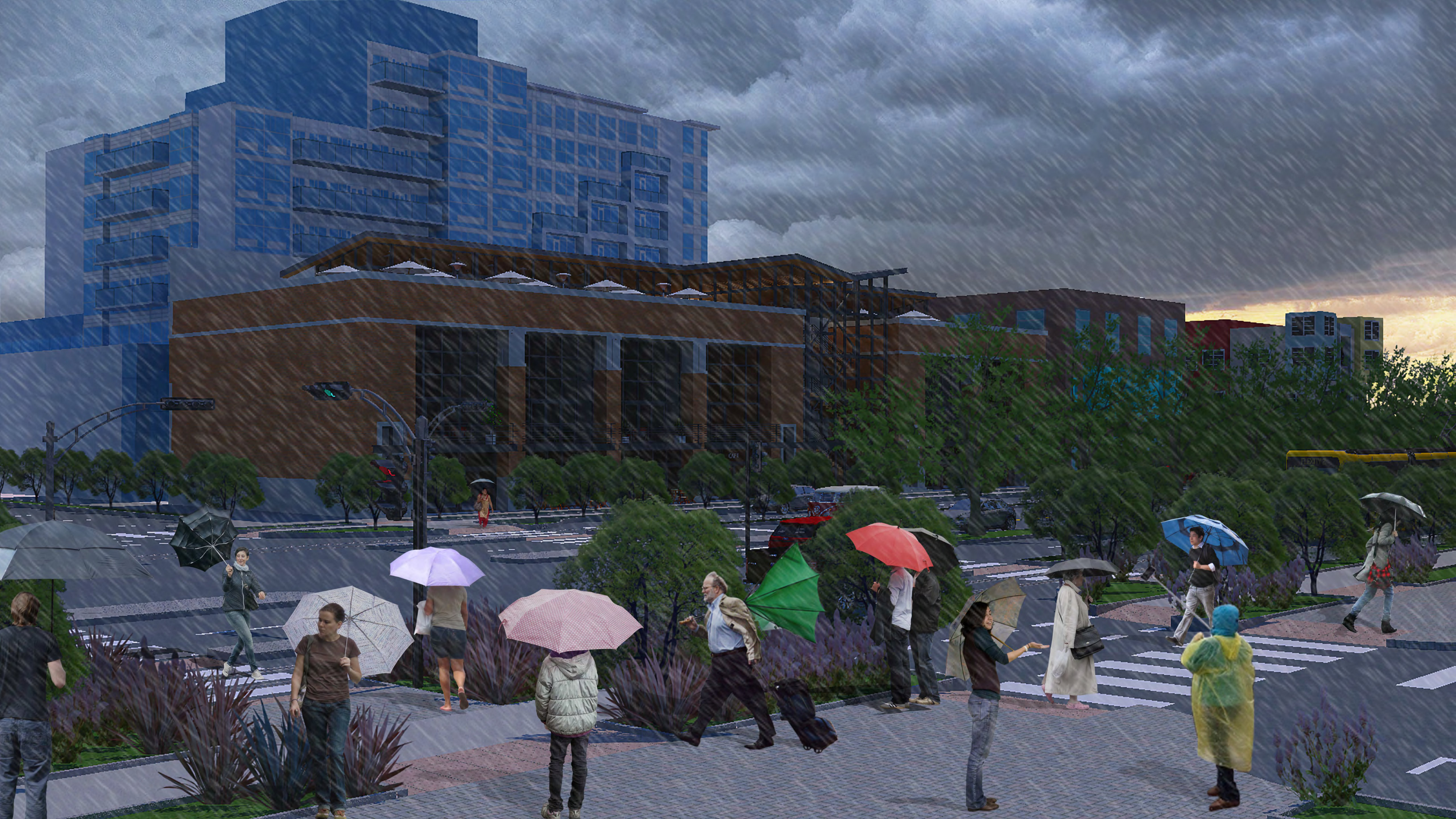
UNC Charlotte via Gateway Park





SECTION J: UNIVERSITY CITY BLVD  
 SCALE: 1" = 10'









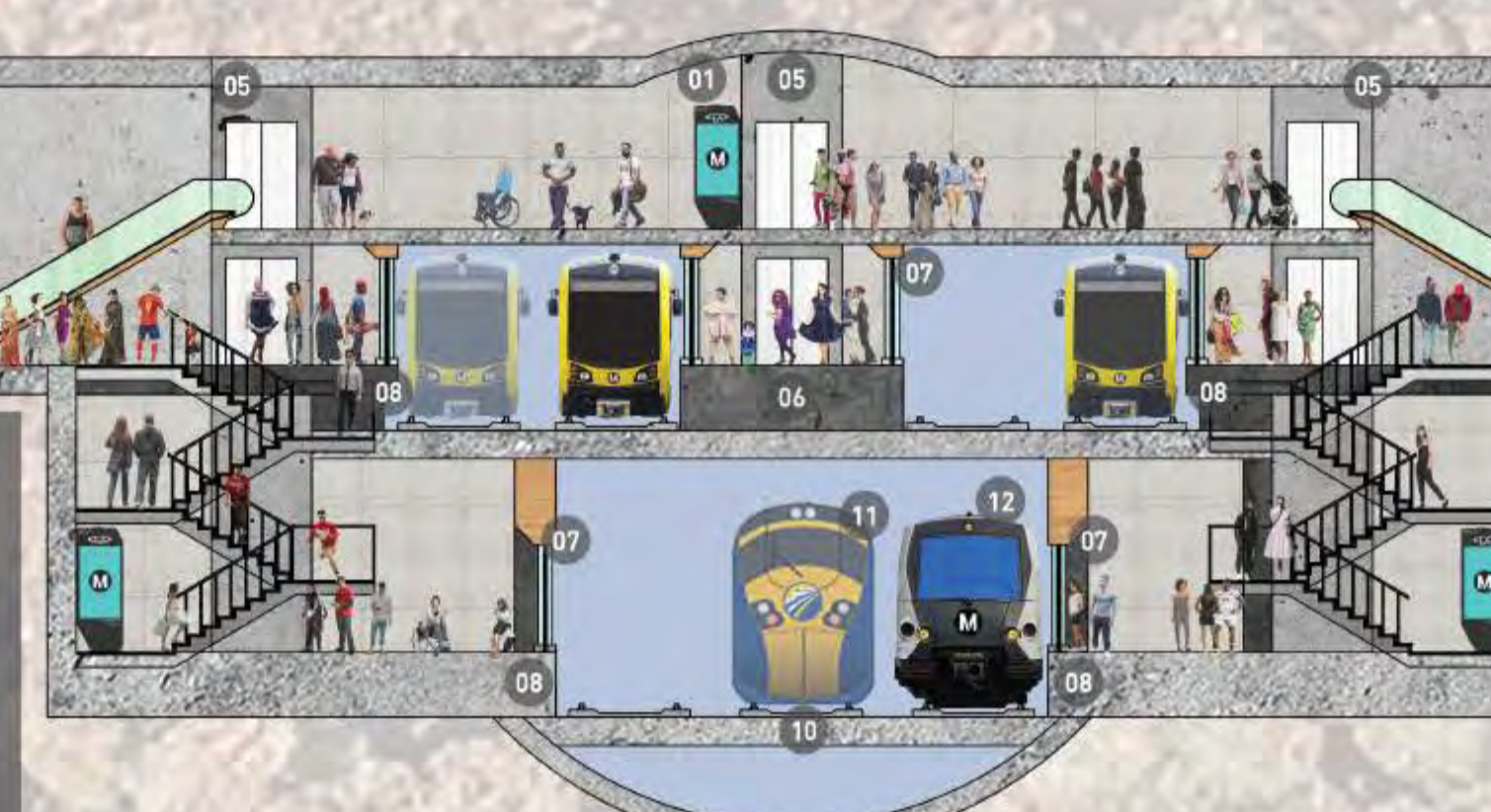




# ALDERA

Urban + Environmental Design

- 01** HALO Interactive Smart Kiosk
  - Metro Ticketing & System Information
  - Free Gigabit Wifi
  - Device Fast-Charging
  - Maps & Wayfinding
  - Community Engagement + Information
  - Safety Communication
- 02** Express Elevators
- 03** Escalators + Stairs
- 04** Moving Sidewalk
- 05** Platform Elevators [Double-Sided]
- 06** Metro Rail Express Service Platform
- 07** Platform Screen Doors
  - Improved Passenger Safety
  - Improved Station Climate Control
  - Track / Tunnel Security
  - Wind Reduction
  - Improved Station Sound Quality
  - Tunnel Fire/Smoke Protection
- 08** Metro Rail Local Service Platform
- 09** Metrolink Platform
- 10** Express Service Track
- 11** Passing High-Speed Train [to Pershing]
- 12** Metrolink Bi-Level Electric Multiple Unit
- 13** Civic Center Promenade [Planned]
- 14** Planned Civic Center Redevelopment
  - Civic Office: 1.6 Million ft<sup>2</sup>
  - Housing: 1.1 Million ft<sup>2</sup>
  - Retail: 327,500 ft<sup>2</sup>
  - Flex: 50,000 ft<sup>2</sup>
  - Civic Plaza: 45,000 ft<sup>2</sup>
  - Cultural: 32,000 ft<sup>2</sup>
- 15** Last-Meter Delivery Robot
- 16** Transit Shelter
- 17** LADOT Dash Autonomous Micro-Transit
- 18** Autonomous Restaurant Pod
- 19** Un-Disturbed Existing Utilities
- 20** Center Protected Bike Lane
- 21** Hydrolic Bollard
- 22** Autonomous Storefront Last-Mile Delivery Pod
- 23** Autonomous Storefront/Delivery Vehicle
- 24** Precious Goods Concierge
- 25** Un-Disturbed Existing Businesses
- 26** Mixed-Use Residential Tower [Proposed] Vertical Forest Façade
- 27** Los Angeles City Hall
- 28** CalTrans District 7 Headquarters
- 29** Little Tokyo DoubleTree Hotel
- 30** East First Street



2028 Downtown Los Angeles Mobility  
 Caldera Urban + Environmental Design  
 Smart Tunnel Concept  
 [Metro + Metrolink + CA HSR Service]

Los Angeles City Hall /  
 Judge Aiso Street  
 Metro Rail [West Santa Ana Branch]  
 & Metrolink Station



# Greater Los Angeles Parks & Housing Infill Opportunity Site Overlay Planned + Conceptual Corridors

-  Metro Rail  
West Santa Ana Branch [WSAB]  
Planned  
WSAB DTLA Recommendation:  
Bi-Level Single Bore Tunnel  
Express & Local Service  
Metro + Merolink + CA HSR
-  WSAB Infill Opportunity Sites  
(surface lots)  
.25mi Buffer  
Total: 1220 acres / 2 SqMi
-  Metro Rail  
Grand Avenue/Central Line Concept  
Bi-Level Single Bore Tunnel  
Express & Local Service
-  Grand Avenue/Central Line Concept  
Infill Opportunity Sites  
(surface lots)  
.25mi Buffer  
Total: 790 acres / 1.2 SqMi
-  DTLA Pershing Central Concourse  
Caldera Studio Proposal  
Regional, Express & Local Rail Service  
Metro + Merolink + CA HSR







- Termini
- Glendale
- Montclair
- Van Nuys Metrolink via UCLA
- South El Monte & Whittier

North Hollywood

LAX  
[Officially Proposed by LA Metro]

### Los Angeles Regional Express Rail Downtown Service Concept



- Existing / Under Construction Station
- Concept Station Local Service Only
- Concept Station All Service Levels [Metro + Metrolink]
- ▬ Metro Rail [Post Regional Connector Construction]
- ▬ Metro Rail West Santa Ana Branch Alignment G Improved Concept
- ▬ California High Speed Rail Metrolink
- ▬ Metro Rail Arts District Extension [Proposed]
- ▬ Metro + Metrolink + HSR Shared Tunnel Single Bore Bi-Level Express & Local Service
- ▬ Metro Rail Concept Grand Avenue Line Bi-Level Single Bore Tunnel Express & Local Service
- ▬ Alameda Bike-Way
- 🚲 Metro Bike Hub
- ▬ Tunnel Construction Staging Site
- 🚆 California High Speed Rail Service
- 🚆 Metrolink Service

- Termini
- Artesia
- Long Beach
- Obama & La Cienega via MLK
- Santa Monica

South Park Jefferson

Washington Blvd

\*Out at Butte Street Junction

Olympic Blvd Alameda Street

San Pedro Street

23rd Street

Grand Avenue LATTC

Venice Blvd California Hospital

Pico

8th Street FIDM

7th Street Metro Center

Downtown LA Central Pershing Square

1st Street Central Ave

Arts District North

Pico / Aliso

Mariachi Plaza Boyle Heights

Flower District

Fashion District

Broadway Theater District

Angels Knoll Cal Plaza

3rd Street Angels Flight

2nd Street Broadway

LA City Hall 1st Street

2nd Street Hope Street

Civic Center Grand Park

Grand Arts E Cesar Chavez Blvd

LA Music Center

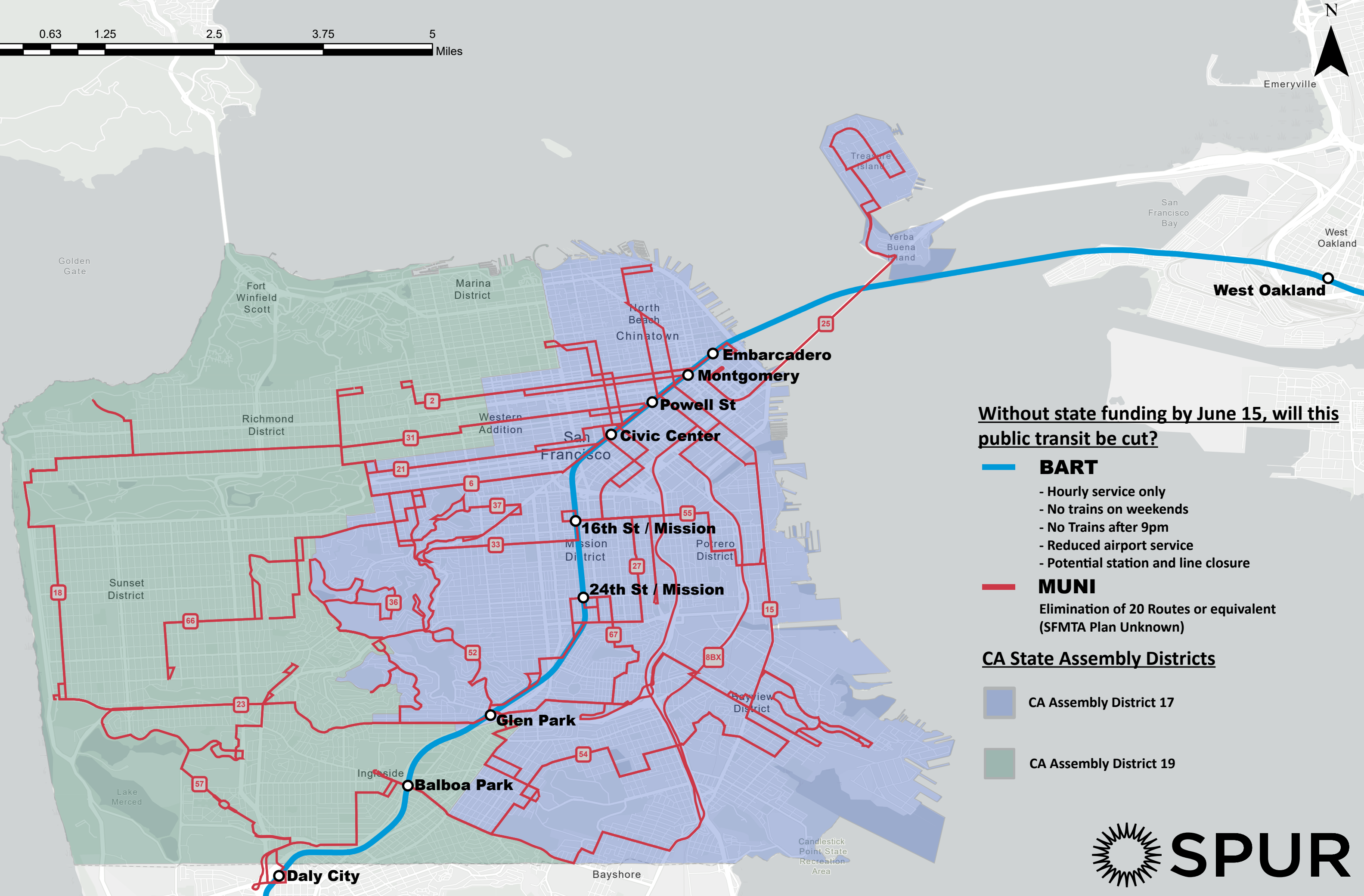
Westlake MacArthur Park

Termini





N





**Without state funding by June 15, will this public transit be cut?**

- BART**
  - Hourly service only
  - No trains on weekends
  - No Trains after 9pm
  - Reduced airport service
  - Potential station and line closure

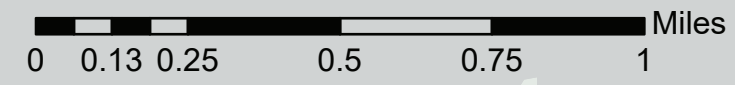
- MUNI**
  - Elimination of 20 Routes or equivalent (SFMTA Plan Unknown)

**CA State Assembly Districts**

-  CA Assembly District 17
-  CA Assembly District 19







# Future of Downtown San Francisco Study Area

## Land Uses

- Residential [Including Mixed Use]
- Retail & Entertainment
- Office [Management, Information, Professional Services]
- Industrial [Production, Distribution, Repair]
- Open Space
- Visitor
- Cultural, Institutional, Educational, Medical
- Mixed Use [Non Residential]
- Right -of-Way [Caltrain]
- Vacant
- No Data
- Downtown SF Study Boundary
- MUNI [Rail]
- BART

## Data Sources

1. Data SF (Data.SFGov.org)
2. BART Geo spatial Data (BART.gov)

