# Washington State Convention Center ADDITION PROJECT

**DOWNTOWN DESIGN REVIEW BOARD MEETING** EARLY DESIGN GUIDANCE #1 05.19.2015 CONTEXT & URBAN DESIGN ANALYSIS

SITE A

PROPERTY ADDRESS:

1600 9th Avenue

DPD PROJECT #:

3020176

SITE B

920 Olive Way

3018096

SITE C

1711 Boren Avenue

3020177

OWNER:

Washington State Convention Center

800 Convention Place Seattle, WA 98101

ARCHITECT:

LMN Architects

801 Second Avenue Suite 501

Seattle, WA 98104

DPD CONTACT:

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# 1 DEVELOPMENT OBJECTIVES VICINITY MAPS

# **VICINITY**



# STREETS BORDERING PROJECT SITE

#### 9-BLOCK STUDY AREA



#### **DEVELOPMENT SUMMARY**

The proposal is to apply for Master Use Permits for development of a convention center addition on a site consisting of 3 blocks: Site A: 1600 9th Avenue, Site B: 920 Olive Way, and Site C 1711 Boren Avenue, that will collectively form the proposed Washington State Convention Center (WSCC) Addition Project. The 3 block site is bounded by Howell Street to the north, Pine Street to the south, 9th Avenue to the west, and Boren Avenue and I-5 to the east. Terry Avenue and Olive Way divide the site on the interior. Street and alley vacations will be required for this project.

The project could add approximately 1,230,000 sf. of gross floor area to the existing Washington State Convention Center. Preliminary analysis indicates that this could include approximately 250,000 sf. of new exhibition space, 120,000 sf. of meeting rooms, a 70,000 st. ballroom space, approximately 23 convention center loading bays, and structured parking for up to 800 additional vehicles. The structure height is approximately 200ft over 5 stories with 2 additional stories below grade.

Co-development on the two blocks north of Olive Way (Sites B & C) is being studied for feasibility and synergistic relationship with the proposed WSCC Addition project, These developments are expected to be be included in a Planned Community Development proposal, and they will be developed through separate Master Use Permits in the future.

#### NOTE

DPD requested this EDG #1 to focus on the applicant's context and urban design analysis for this large and significant project, and obtain early context and urban design guidance from the downtown design review board (DRB). Subsequent EDG meetings before the downtown DRB will be held to assess preliminary massing options, priority guidelines, and the design response to the context guidance and other issues provided by the DRB at this EDG #1.

#### **SITE CONTEXT**

The project site is located within the DMC 340/290-400 Downtown Mixed Commercial zone, within the Denny Triangle Urban Center Village. The Downtown Neighborhood Guidelines will apply to this project.

The project site is bordered by the DMC 240/290-400 zone (Denny Triangle Urban Center Village Overlay) to the north, east, and south, and the DOC 2500/300-500 zone (Commercial Core Urban Center Village Overlay) to the west.

The project occupies the intersection between several distinct and rapidly evolving neighborhoods, including Capitol Hill's Pike/Pine corridor, the Denny Triangle, South Lake Union, First Hill, and the Downtown commercial core.

Capitol Hill's traditional low-rise commercial development is being supplemented with new mid-rise mixed-use buildings. The neighborhood continues to promote a strong pedestrian community, interrupted only by the presence of 1-5. The Denny Triangle and First Hill, connected via Boren Avenue, bookend the site to the north and south. Though a product of different eras, both neighborhoods contain higher density, taller residential and commercial development, along with notable institutional buildings. The Downtown neighborhood is the densest and tallest adjacent neighborhood, containing both high-rise commercial and residential development, but also a retail and cultural center for the city.

The site's proximity to Pike and Pine links itself to the waterfront via Pike Place Market and Westlake Center, and to the existing Washington State Convention Center along Ninth Avenue. Other notable landmarks include the historic Paramount Theatre and former Camlin Hotel, adjacent to the site across Pine Street and Ninth Avenue. Due to the open space established by the presence of 1-5, views to and from the project site to the east are both substantial and long-term. Views to the west, particularly from the higher elevations along Pine Street, provide a meaningful glimpse into the heart of the city.

#### **PROGRAM SUMMARY:**

#### **CONVENTION CENTER PROGRAM**

5 stories above grade 2 stories below grade

250,000 SF of Exhibition Space\* 120,000 SF of Meeting Space \* 70,000 SF of Ballroom Space\* 280,000 SF of Lobby & Circulation\* 510,000 SF of Support Spaces\* 500-800 Parking Stalls\* 200,000 SF of Loading Area\* Street-Level Retail & Restaurants \*-Approximate

# CO-DEVELOPMENT PROGRAM

Potential Residential or Commercial codevelopment with street level uses is being studied for feasibility to be included in the Planned Community Development.

#### **PROJECT GOALS**

- Create a highly efficient design which effectively supports the functional needs of the convention center clients and is competitive in the marketplace.
- Create a unique experience that embodies the special qualities of Seattle, Washington, and the Pacific Northwest.
- Engage the urban framework of downtown Seattle to capitalize on the location at the intersection of major neighborhoods and corridors of the city.
- Create a welcoming street presence that connects the activities of the Convention Center with the pedestrian experience of the adjacent streets.
- Integrate mixed uses such as retail and other possible co-developments, where appropriate, to enrich the urban diversity of the site.
- Create a sustainable design that embraces Seattle's commitment to environmental stewardship.

#### **PROPERTY ADDRESSES**

SITE A SITE B SITE C

1600 9th Avenue 920 Olive Way 1711 Boren Avenue

#### KING COUNTY PARCEL NUMBERS

SITEA	SITEB	SHEC
#0660001025	#0660001095	#0660001655
#0660001700	#0660001113	#0660001659

#0660001725 #0660001114 #0660001670

#0660001675

#### **ZONING** SMC 23.49.056 MAP A

#### SITES A/B/C

Denny Triangle Urban Center Village
Downtown Mixed Commercial - DMC 340/290-400

#### **SITE AREA**

SITEA	SITE B	SITEC
326,720 sf**	25,551 sf*	50,979 sf*
*Includes vacated alleys and subterranean	*Includes vacated alleys	*Includes vacated alleys

202,509 sf\*

street vacations

#### **DESIGN REVIEW** SMC 23.41

Required

#### **STRUCTURE HEIGHT** 23.49.008

NON-RESIDENTIAL MAXIMUM HEIGHT 340ft

RESIDENTIAL MAXIMUM HEIGHT

290-400ft depending on incentives

ROOFTOP FEATURES

15 ft above the applicable height limit.

#### STREET-LEVEL USE 23.49.009 MAP 1G

PINE STREET - Required\*

HOWELL STREET - Not Required
OLIVE WAY - Not Required
9TH AVENUE - Not Required
TERRY AVENUE - Required\*

\* - Minimum 75% of each street frontage must be occupied by qualifying uses & located within 10 ft of the street property line

#### FLOOR AREA RATIO 23.49.011 SMC-CHART A1

DMC 340/290-400 FAR Base = 5 FAR Max = 10

TOTAL

SITE A + SITE B + SITE C = 279,039 (Above grade site area)

 $279,039 \times 10 \text{ (Max FAR)} = 2,790,390 \text{ sq ft}$ 

# **OVERHEAD WEATHER PROTECTION & LIGHTING**

23.49.018

Required along the entire street frontage facade located within 5ft of property line or widened sidewalk except: where separate by landscaped areas at least two feet in width, or at driveways into structures of loading docks. Lower ledge must be between 10ft and 15ft above the sidewalk.

#### **DENNY TRIANGLE URBAN CENTER VILLAGE 23.49.056F**

Provide landscaping in sidewalk area of the right of way as a square footage of 1.5 times the length of the street lot line. Must be 18" wide, along entire length of street lot line, except at building entrances, vehicular access (not to exceed 50% of the length of the lot line).

#### **PARKING** 23.49.019

MINIMUM REQUIRED PROPOSED
None 500 - 800 stalls

#### NON-RESIDENTIAL MAXIMUM ALLOWED

1 per 1000 sf except with special exception.

#### PARKING LOCATION WITHIN STRUCTURES

Parking above street level is permitted if separated along all street frontages of the structure by another use.

Parking at street level is permited if separated by other uses on Class 1 Pedestrian Streets, and at least 30% separated by other uses on Class 11 Pedestrian Streets.

ACCESSORY PARKING Permitted outright in areas shown on Map 1I if they contain a total of 20 or fewer parking spaces on the lot. 23.49.045

#### **BICYCLE PARKING**

Bicycle parking parking required 1 space per 5,000sf of gross floor area of office or retail over 10,000 sf. Shower facility required for structures containing 250,000 GFA of office use.

1 space for every 2 dwelling units of residential use.

#### **CURB CUT LOCATION**

Per Director as a Type 1 decision SMC 23.49.019.H.1.c

#### LOADING BERTHS

Off-street loading berths required per SMC 23.54.035 TABLE A

#### MINIMUM SIDEWALK WIDTH 23.49.022 MAP 1C

PINE STREET - 18ft\*

HOWELL STREET - 18ft\*

OLIVE WAY - 18ft\* 9th Ave to Terry Ave/ 12ft Terry Avenue to Boren Ave

**BOREN STREET - 12ft** 

9TH AVENUE - Varies, Green Street; 2ft additional required\*\*

TERRY AVENUE - Varies, Green Street; 2ft required\*\*

- \* 15ft if no transit side for one-way street, 15ft on other side.
- \*\* Per Denny Triangle Urban Center Village Downtown code, 50% of the setback must be landscaped

#### **OPEN SPACE** 23.49.016

Provide 20sf for each 1000sf of Office use GFA larger than 85,000sf.

<sup>\*</sup> Above grade footprint only, includes vacated alleys

#### **COMMON RECREATION AREA** 23.49.010

Provide 5% of Residential GFA larger than 20 dwelling units. A maximium of 50% may be enclosed.

#### STREET FACADE & STREET SETBACKS 23.49.056 MAP 1F

PINE STREET - Class I HOWELL STREET - Class I OLIVE WAY - Class I **BOREN STREET - Class II** 9TH AVENUE - Green Street **TERRY AVENUE - Green Street** 

#### FACADE TRANSPARENCY REQUIREMENTS: SMC 23.49.056C

Class I & Green Streets= minimum 60%

Class II Streets= minimum 30%

BLANK FACADE LIMITS: SMC 23.49.056D

Class I & Green Streets = 15ft max

Class II Streets= 30ft max

#### **UPPER-LEVEL DEVELOPMENT STANDARDS** 23.49.058

NON-RESIDENTIAL USE ABOVE 160 FT IN HEIGHT

GREEN STREET SETBACK: 9th Avenue & Terry Avenue Continuous upper-level setback of 15ft on the street frontage abuting the green street at a height of 45ft

FACADE MODULATION: Required above 85ft from the sidewalk for any portion of a structure located within 15ft of a street property line.

#### MAXIMUM FACADE WIDTH:

0-85ft = No Limit

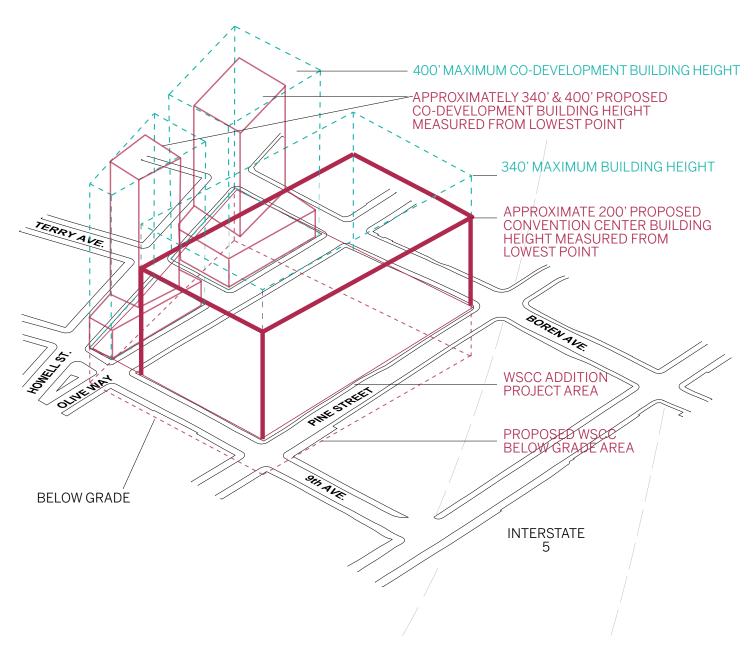
86-160ft = 155ft

161-240ft = 125ft

241-500ft = 100ft

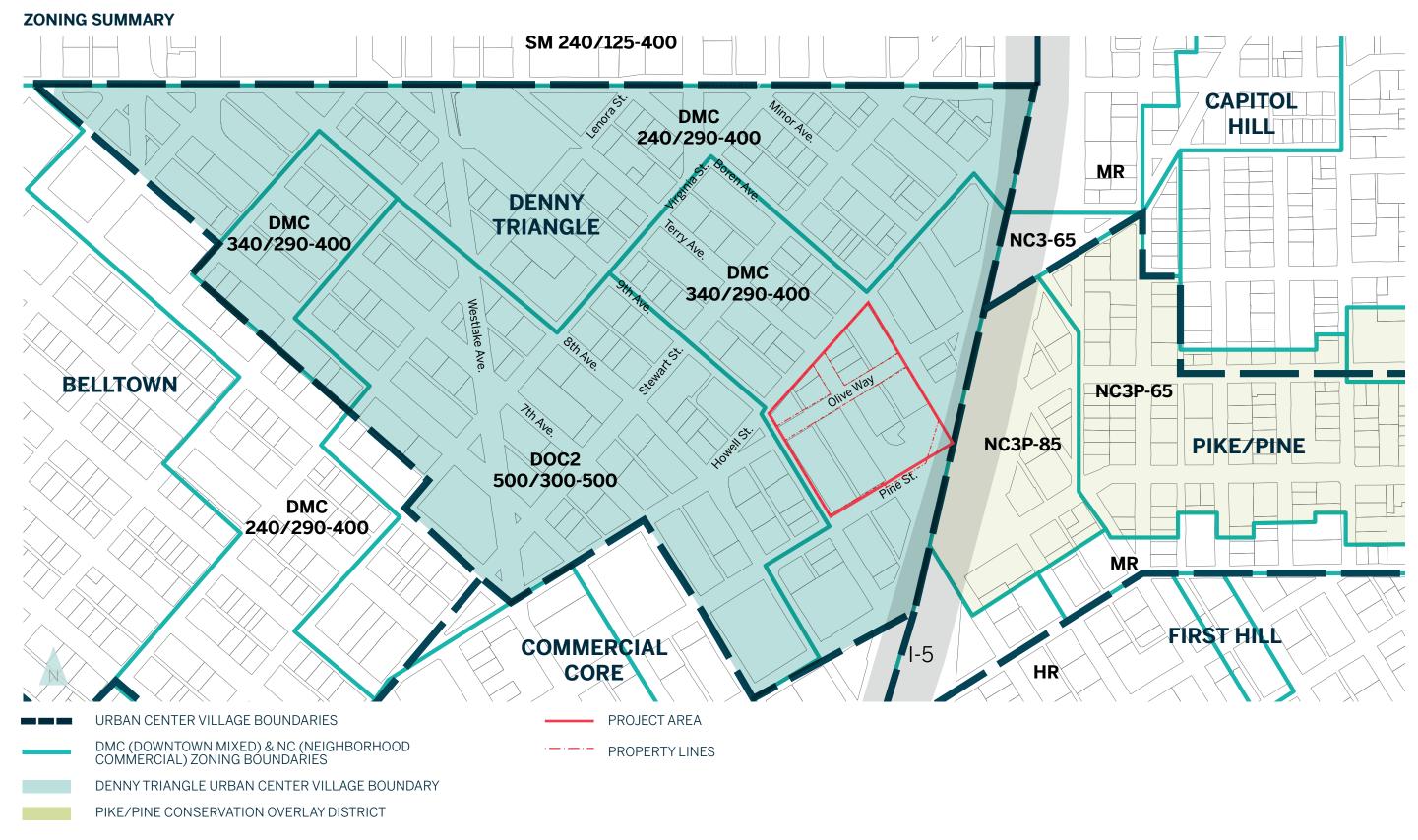
UPPER LEVEL WIDTH LIMIT: For portions of structures in non-residential use above 160ft where any story above 85ft exceeds 15,000sf. Upper-level width limit is required on lots that exceed 200ft in width and depth. Any portion of a building above 240ft shall be 145ft along the general n/s axis of a site (parallel to the Avenues). This portion shall be separated horizontally from any other portion by 80ft at all points.

#### SIMPLIFIED BUILDING ENVELOPE

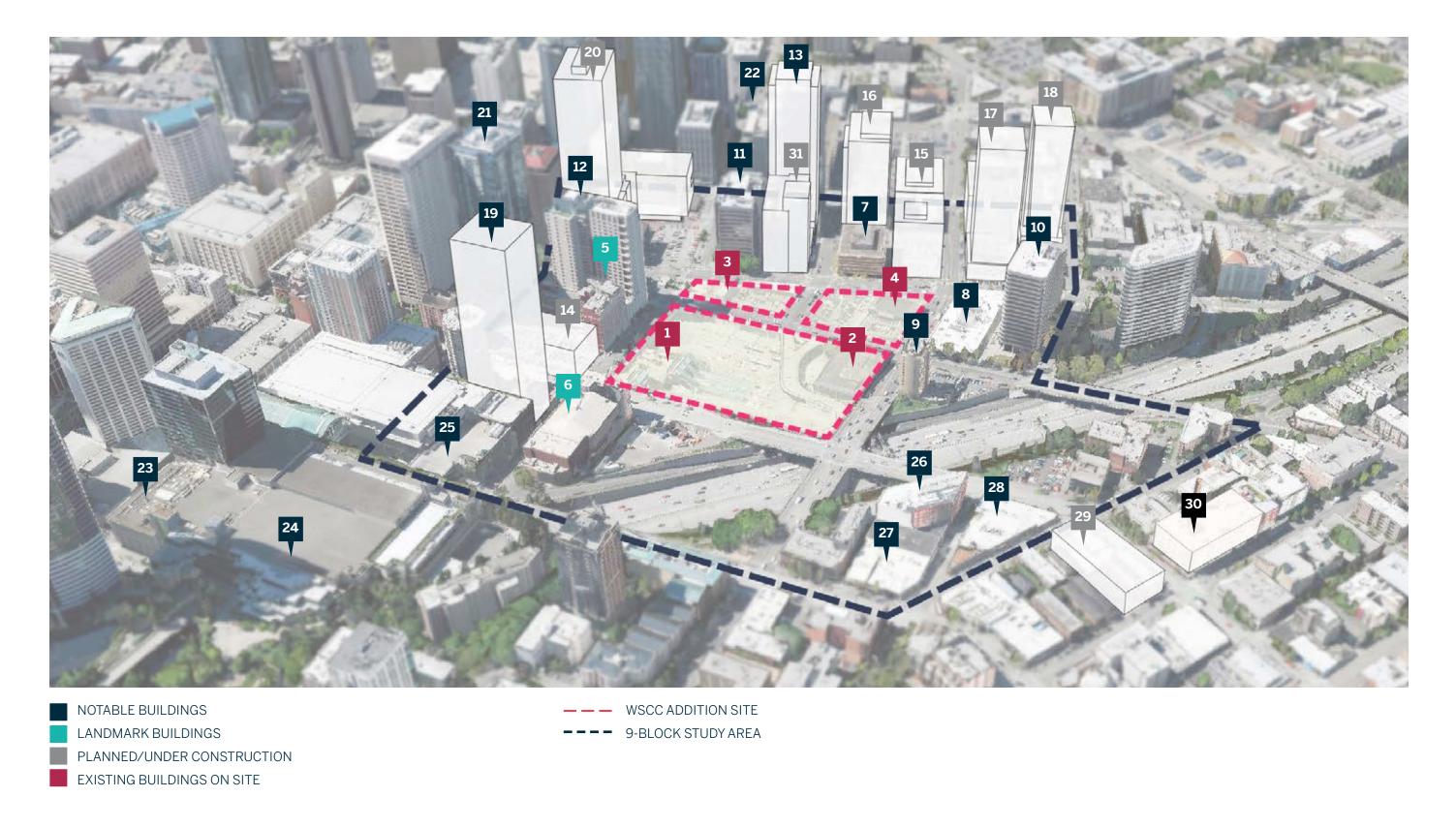


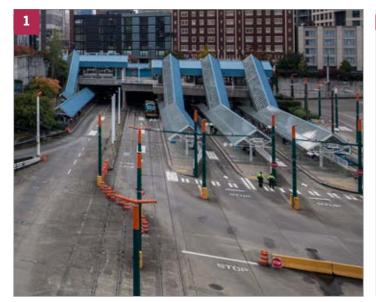
#### Approximate building mass shown here indicates the general size of the program elements on the site.

It does not include sculpting and modulation of the building form, terraces, porosity, facade treatments, etc., which will be incorporated into the recommended design to integrate this program synergisticly with its urban context.



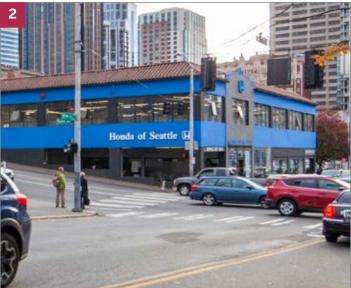
# STREET CLASSIFICATIONS SUMMARY FRONTAGE CLASSIFICATION SUMMARY TO CAPITOL HILL TO CAPITOL HILL - 5 SOUTHBOUND 1-5SOUTHBOUND - 5 NORTHBOUND - 5NORTHBOUNIN TERRY NE TOIFROMFIRE TOFROMFIRSTHILL PRINCIPAL TRANSIT STREET **PROJECT AREA** CLASS I STREET FRONTAGE PROJECT AREA PRINCIPAL ARTERIAL PROPERTY LINE **CLASS II STREET FRONTAGE** PROPERTY LINE **GREEN STREET** ---- APPROXIMATE BUILDING OUTLINE GREEN STREET FRONTAGE APPROXIMATE BUILDING OUTLINE NOTE: LANDSCAPE REQUIREMENT PER DENNY TRIANGLE URBAN CENTER VILLAGE CODE APPLIES TO ALL FRONTAGES





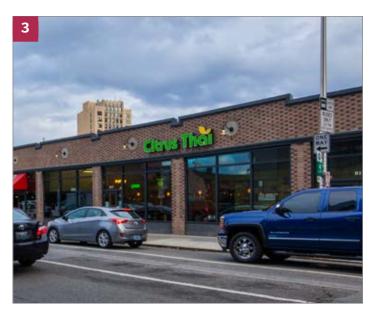
906 NINTH AVENUE

Convention Station Place transit facility



1017 OLIVE WAY

Honda of Seattle (Vacant)



915 HOWELL STREET

Retail/Commercial



1711 BOREN AVENUE

Honda of Seattle auto sales (Vacant)



1619 9TH AVENUE

Worldmark Seattle: The Camlin



911 PINE STREET

Paramount Theatre



737 OLIVE WAY

Seattle Vault Self-Storage



1100 OLIVE WAY

Seattle Children's Cancer Research



1626 BOREN AVENUE

Olive Tower Apartments



1701 MINOR AVENUE

Metropolitan Parks Office Tower



1800 NINTH AVENUE

Regence BlueShield/Amazon



809 OLIVE WAY

The Olivian Apartment High-Rise



1823 TERRY AVENUE

Aspira Apartments, 37-story apartment building



1601 9TH AVENUE

Nine & Pine Apartments: Mixed-Use Residential



1099 STEWART AVENUE & 1050 HOWELL STREET

Hill 7 Office & Hotel Under Construction: DPD #3013130



1007 STEWART STREET

Office Under Construction: DPD 016095



1812 BOREN STREET

Tilt 49: Mixed-Use Building Under Construction: DPD #3016574



# 1823 MINOR AVENUE

Kinects: Office & Hotel In Development: DPD #3004848



815 PINE STREET

The Premiere: Mixed-Use Retail/Residential Under Construction: DPD #000000



808 HOWELL STREET

8th & Howell Hotel In Development: DPD # 3016917



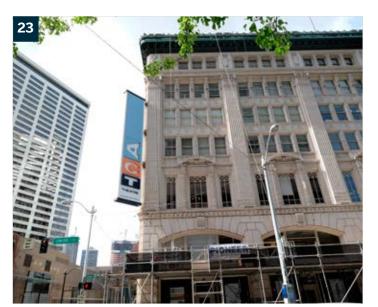
737 OLIVE WAY

Olive 8, 39 story mixed-use with condominium residential and hotel uses.



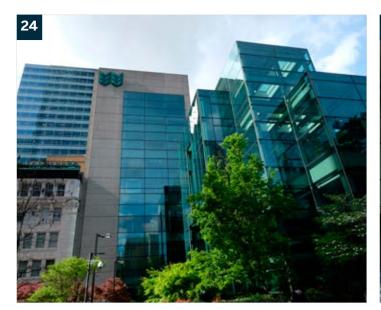
1900 9TH AVENUE

Seattle Children's Research Institute



700 UNION STREET

ACT Theatre



715 PIKE STREET

Washington State Convention Center



1515 9TH AVENUE

The Washington State Convention Center: Conference Center



1551 MINOR AVENUE

Pike / Minor Apartments



1124 PIKE STREET

Starbuck's Reserve



1531 MELROSE AVENUE

Melrose Market



301 PINE STREET

Melrose Building Under Construction: DPD #3013342



314 PIKE STREET

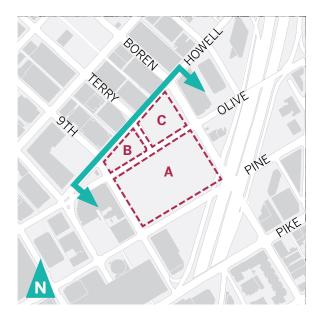
Three20 Apartments: Mixed-Use Building



924 HOWELL STREET

Hotel Under Construction: DPD #3017451

# **HOWELL STREET**



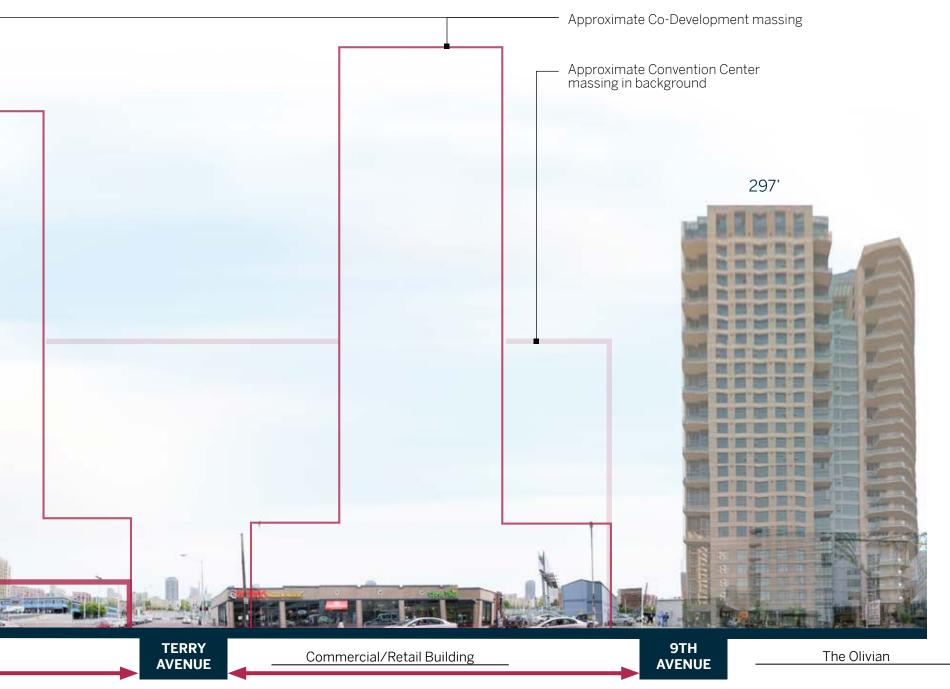
LOOKING SOUTHEAST

# **OBSERVATIONS**

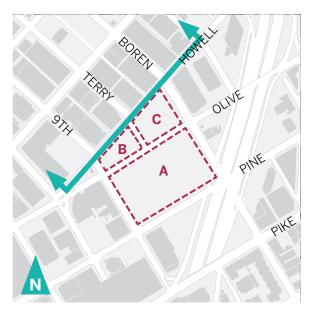
The existing buildings on the site are an example of the low-rise commerical buildings and surface parking lots that once defined the northern edge of the site. The site is flanked on the sides by early high rise development, as well as a Seattle Childern's Cancer Research facility that provides a link to the bio-tech concetration in nearby South Lake Union.



100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE



# **HOWELL STREET**



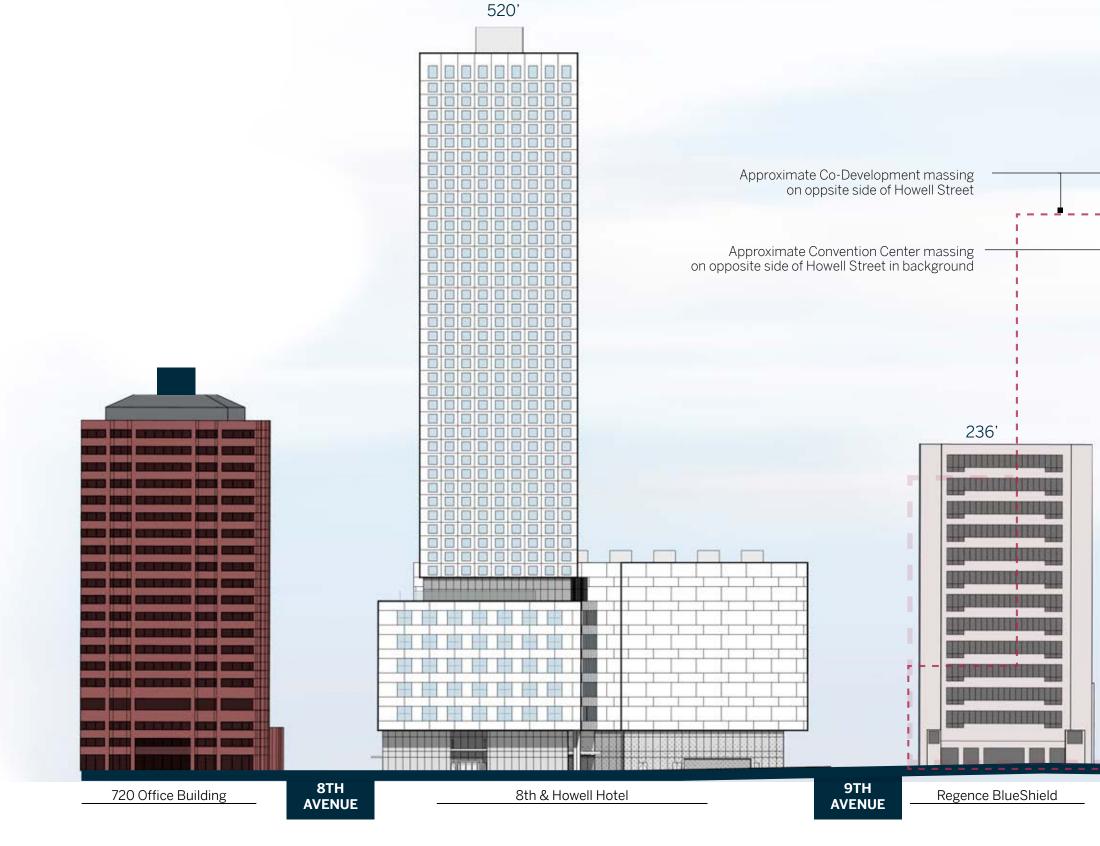
LOOKING NORTHWEST

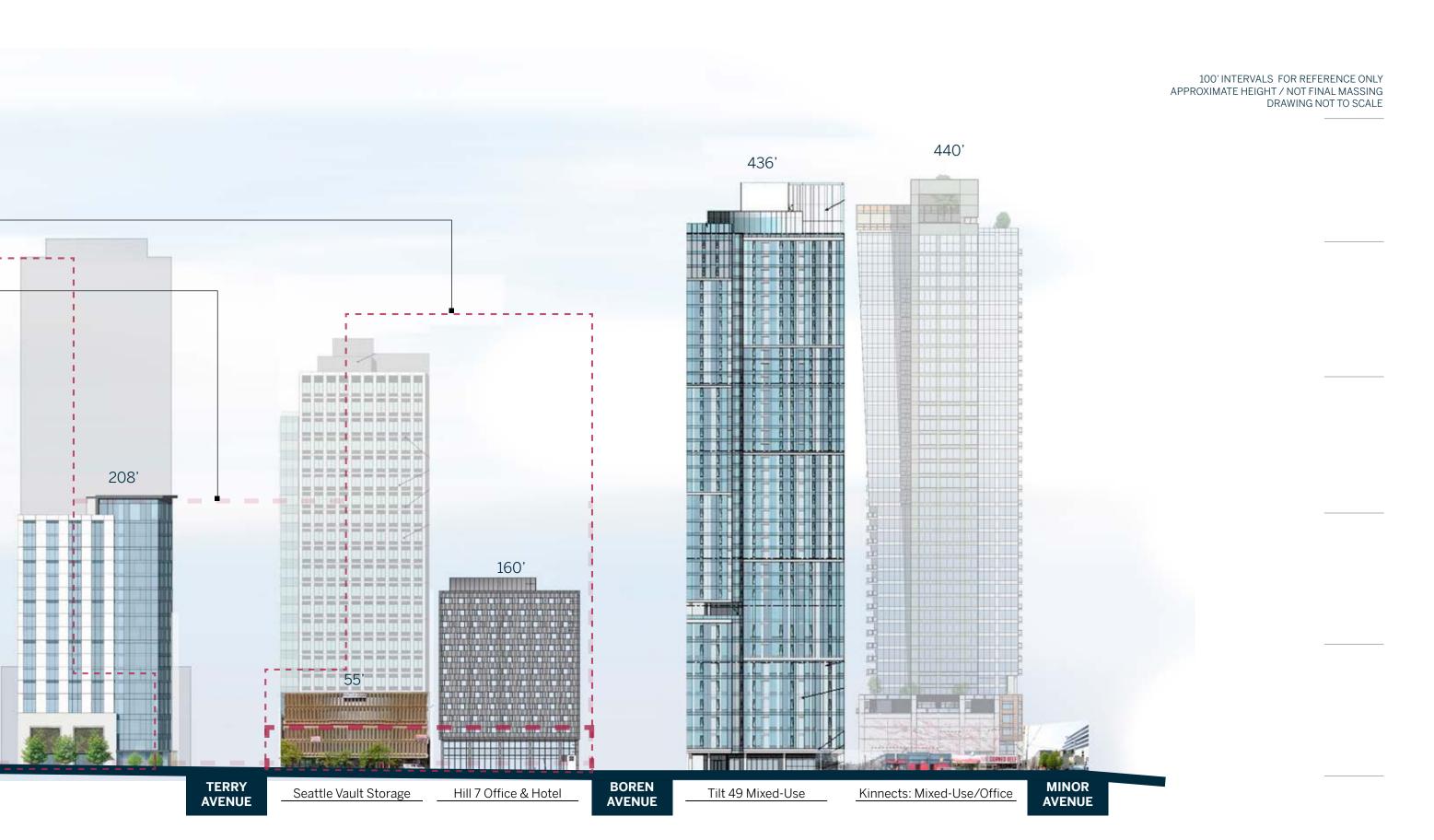
#### **OBSERVATIONS**

North of the site, Denny Triangle and South Lake Union beyond are rapidly developing neighborhoods of eclectic commercial and residential buildings. The texture of this transitioning area is represented in the blend of existing smaller buildings and new mixed use towers at heights that are redefining the urban character.

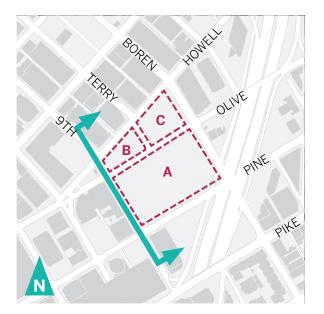
#### **OPPORTUNITIES**

The convention center offers the opportunity to articulate the diversity of uses and architectural expression in the neighborhood. As the area continues to transition to taller buildings, the convention center will contribute to development of denser land use and more active, vibrant public streets.





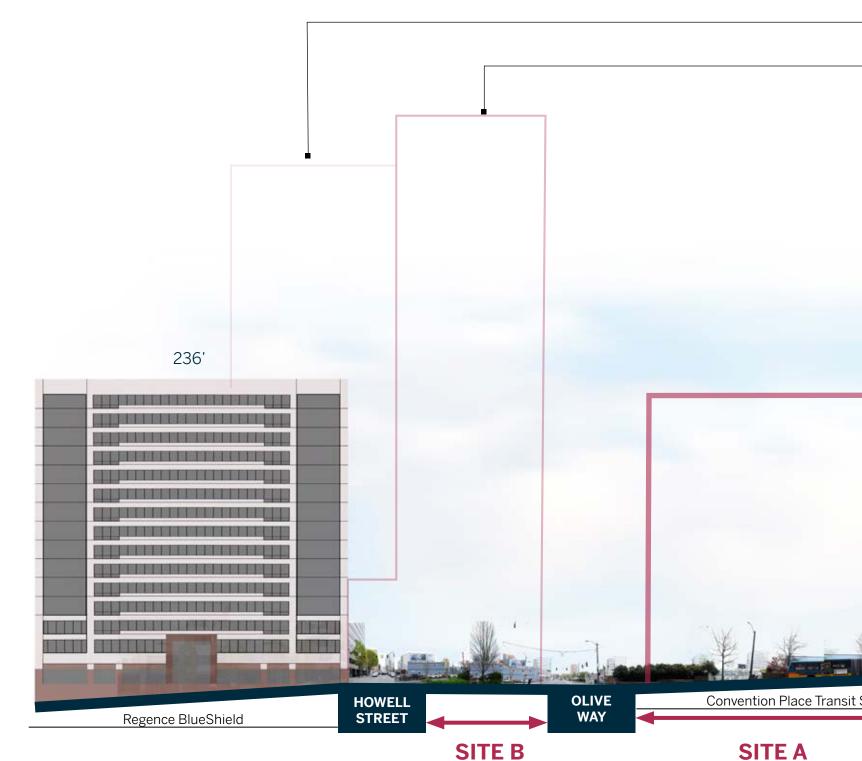
# **9TH AVENUE**



LOOKING NORTHEAST

## **OBSERVATIONS**

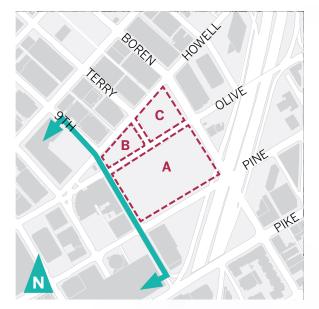
The existing site along this elevation contains the Convention Place Station and a small temporary field office for Sound Transit. Both uses have a diminished street presence due to the limited amount of program above grade contributing to the urban form. The site is flanked by a modest older high-rise and the historic Paramount Theatre - a cultural as well as an architectural landmark distinguished by its expressive facade and signature marque.



100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE

Approximate Co-Development massing in background Approximate Co-Development massing Approximate Convention Center massing 109' 100000 PIKE STREET PINE STREET Station Paramount Theatre WSCC

# **9TH AVENUE**



LOOKING SOUTHWEST

PIKE

**STREET** 

#### **OBSERVATIONS**

The Downtown commerical core is an established neighborhood with steady pockets of growth. With notably higher development, it houses a combination of historic and other mid-rise and high-rise buildings with a traditional urban mix of entertainment, hotels, retail, commerial, and tourist attractions - including views along Pine to Pike Place Market.

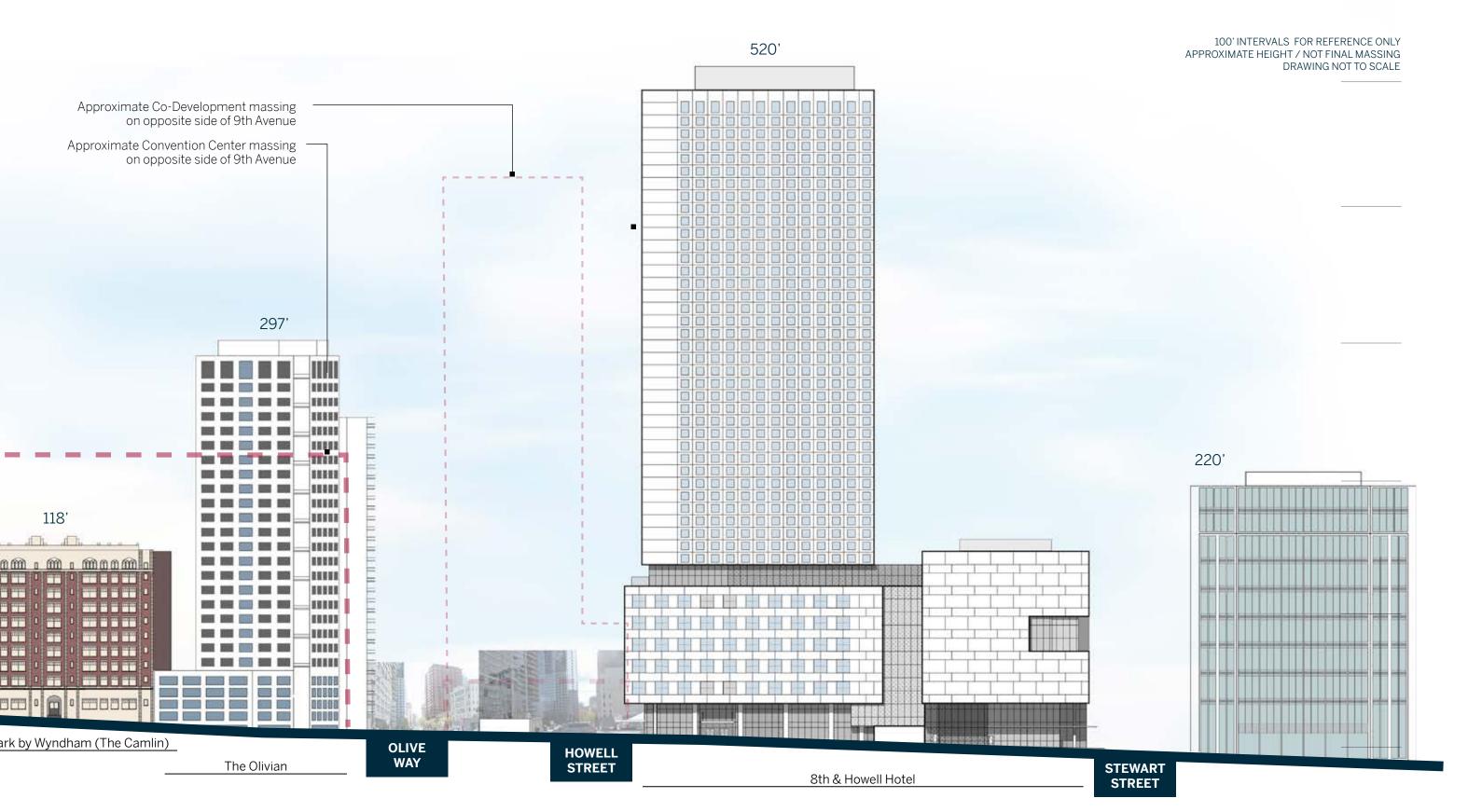
## PROPOSED OPPORTUNITIES

The established large scale retail, hotel, entertainment, office, and mixed uses in the area, as well as proximity to the existing Washington State Convention Center, suggests this orientation as a location for the primary arrival and major public lobby.

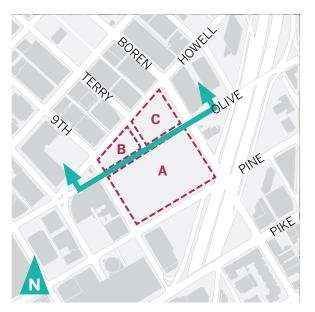


440'

WSCC The Conference Center



# **OLIVE WAY**



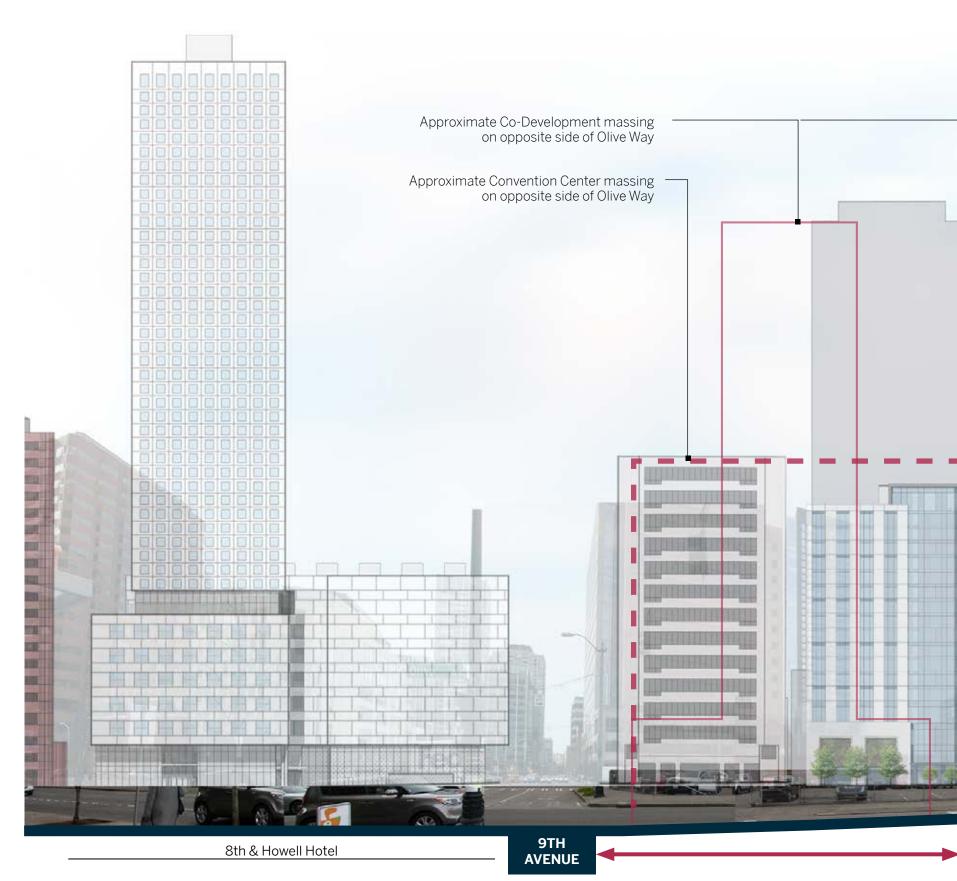
LOOKING NORTHWEST

#### **OBSERVATIONS**

The (2) blocks north of Olive Way are oriented toward the functionally and architecturally diverse Denny Triangle and South Lake Union beyond.

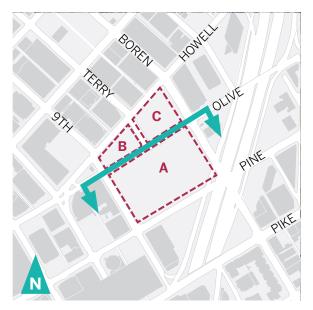
# **PROPOSED OPPORTUNITIES**

These (2) smaller blocks offer the opportunity to break down the scale and introduce diverse uses to transition the large scale public convention center uses to the adjacent neighborhoods.



100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE BOREN AVENUE Seattle Children's Cancer Research Seattle Honda Sales (Vacant) TERRY AVENUE

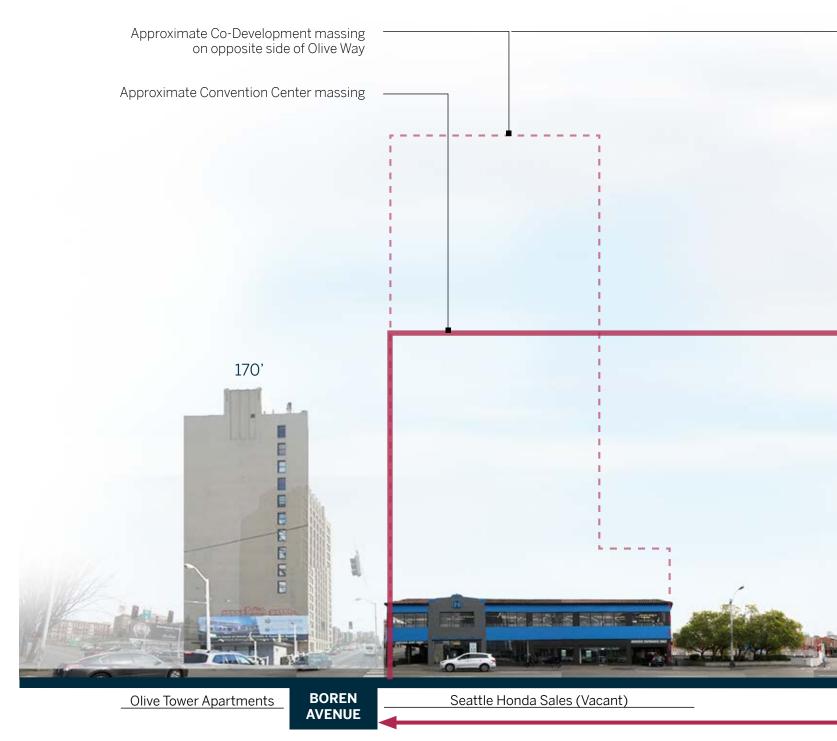
# **OLIVE WAY**



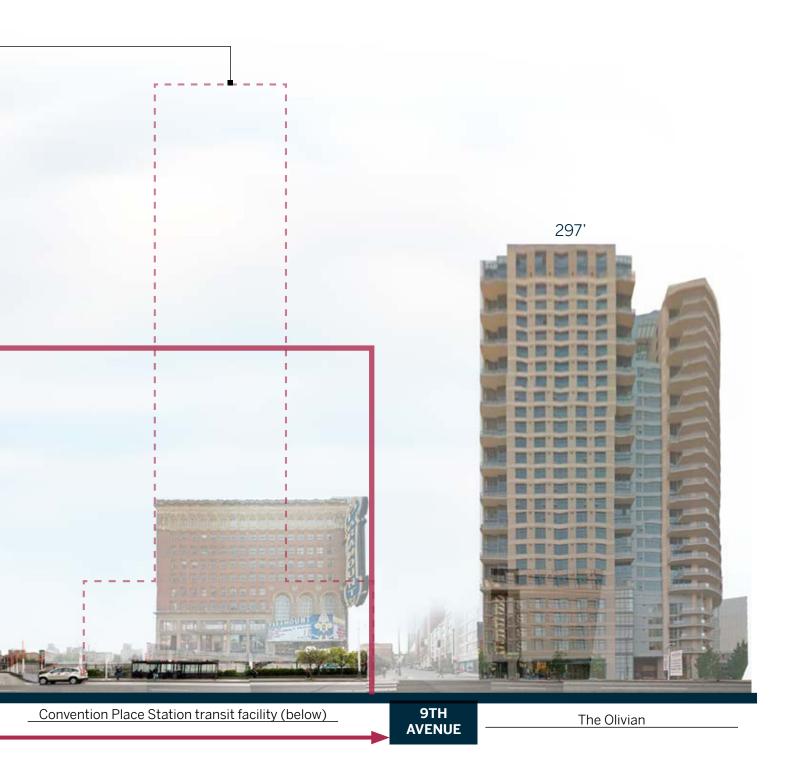
LOOKING SOUTHEAST

# **OBSERVATIONS**

The character of the existing streetscape is defined by the small low-rise former Honda dealership and surface-parking along with the below surface program of the Convention Place Station transit facility, flanked by older smaller high-rises.

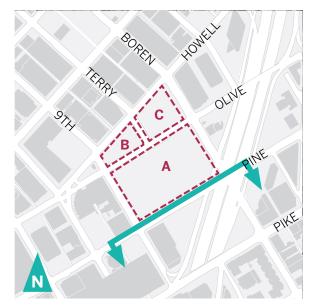


100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE



# **PINE STREET** 100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE Approximate Co-Development massing in background Approximate Convention Center massing LOOKING NORTHWEST **OBSERVATIONS** The existing siting of Convention Place Station transit facility below street level effectly elongates the experience of the bridge across I-5. The proposal will frame the pedestrian edge along Pine Street from 9th Avenue to Boren Street, drastically shortening the percieved bridge condition, enlivening the pedestrian experience. **BOREN** The Olive Apartments **AVENUE** 9TH AVENUE

# **PINE STREET**



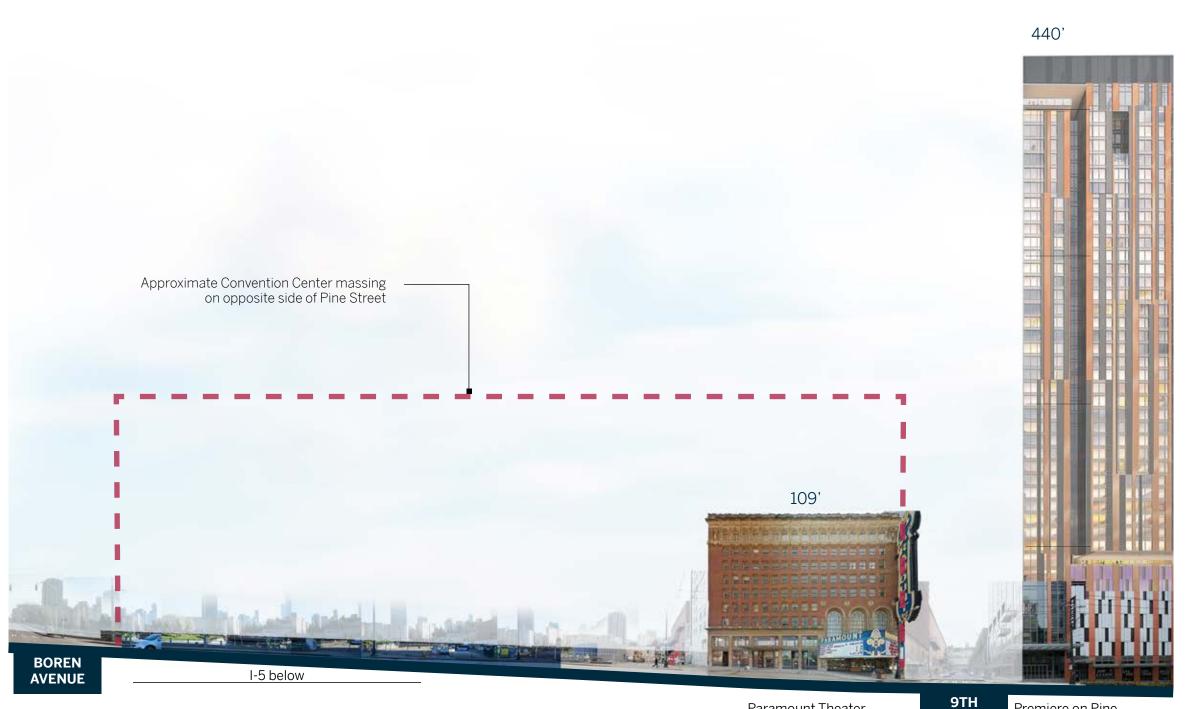
LOOKING SOUTHEAST

#### **OBSERVATIONS**

This stretch of Pine Street as it extends across I-5 presents a profound moment in the city that is both absent of distinctive urban edges linking Capitol Hill and Downtown at a pedestrian level, yet also a unique and expansive view to the city all around. This exposure provides significant visibility for the convention center at this edge, as well as views back to the surrounding context. Pine Street slopes westward towards 9th Avenue.

#### PROPOSED OPPORTUNITIES

The proposal will strengthen the pedestrian connection between Capitol Hill and Downtown. The slope on Pine Street offers the opportunity for pedestrians to engage the convention center at multiple levels along its edge. The proposal will introduce a new pedestrian edge along Pine Street as well as create a transition in scale from mid-rise Capitol Hill, the Paramount, and the highrises of Downtown.



Premiere on Pine

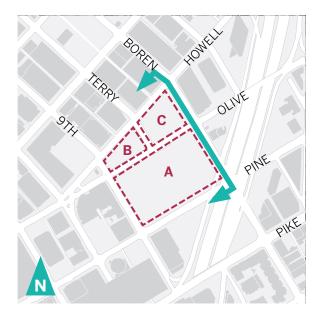
**AVENUE** 

100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING

DRAWING NOT TO SCALE

Paramount Theater

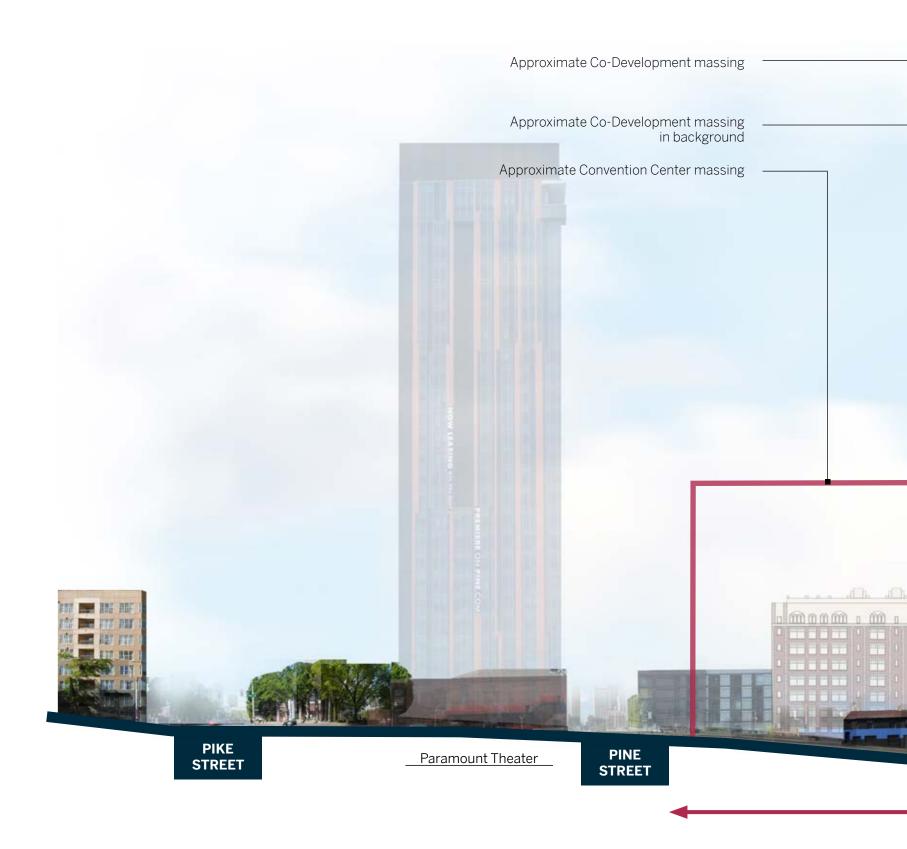
#### **BOREN AVENUE**



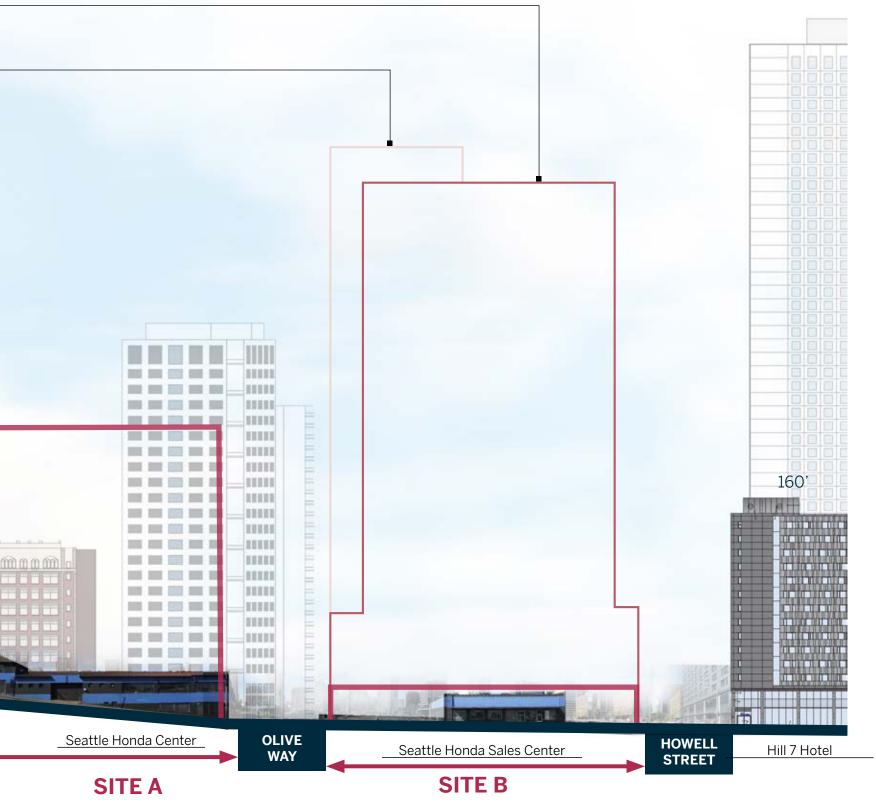
LOOKING SOUTHWEST

## **OBSERVATIONS**

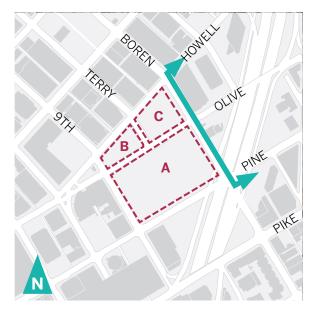
The existing low-rise former Honda Dealership is visible along Boren Avenue, where he grades drop most steeply of any on this site. Though flanked with some defined urban edges, Boren is another bridge across I-5 and an active vehicular thoroughfare that links First Hill to South Lake Union.



100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE



#### **BOREN AVENUE**



LOOKING SOUTHWEST

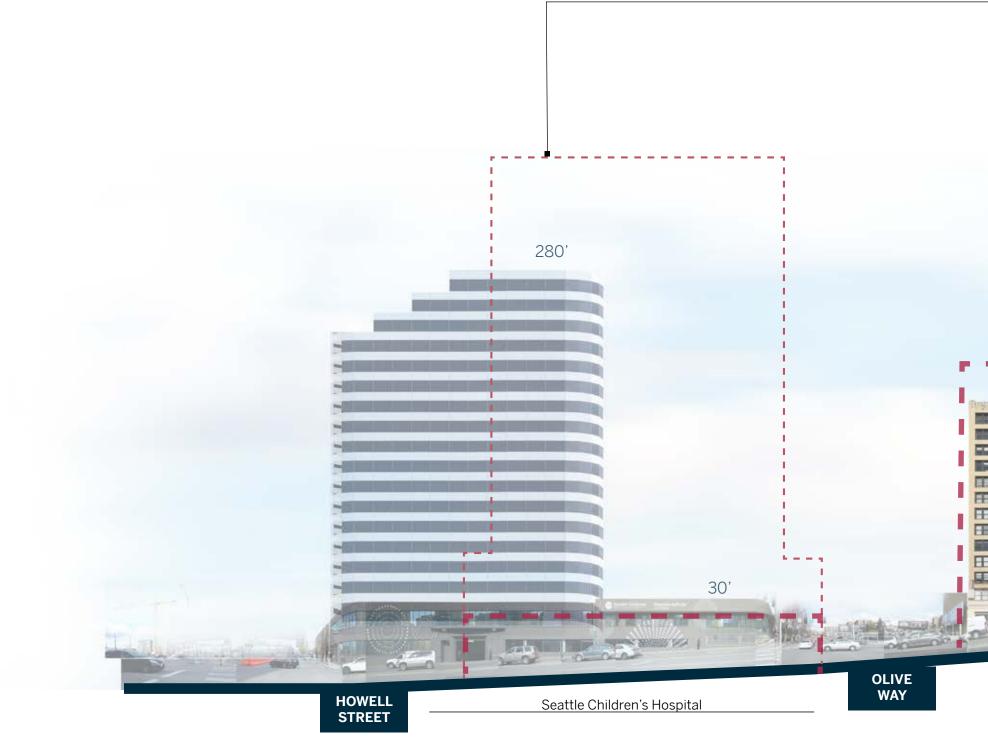
# **OBSERVATIONS**

The perception of bridging across I-5 along Boren Avenue is less exposed than along Pine Street, being contained by a few lowrise buildings to the north, and the modest highrise isolated in the middle. It offers a prominent exposure of the proposed convention center, setting it clearly within the larger context of the city.

#### PROPOSED OPPORTUNITIES

The proposal will complete the empty edges of the site, acknowledging its visual prominence along this exposed edge, while also creating a much more generous pedestrian experience.

The topography intersects with the proposed building sectionally across many levels, presenting both challenges and opportunities for access and activity vertically within the program.

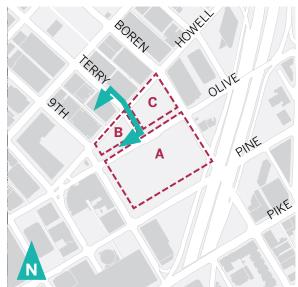


100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE

Approximate Co-Development on opposite side of Boren Avenue Approximate Convention Center massing on opposite side of Boren Avenue 170' PINE STREET Pine + Minor Apts

The Olive Apartments

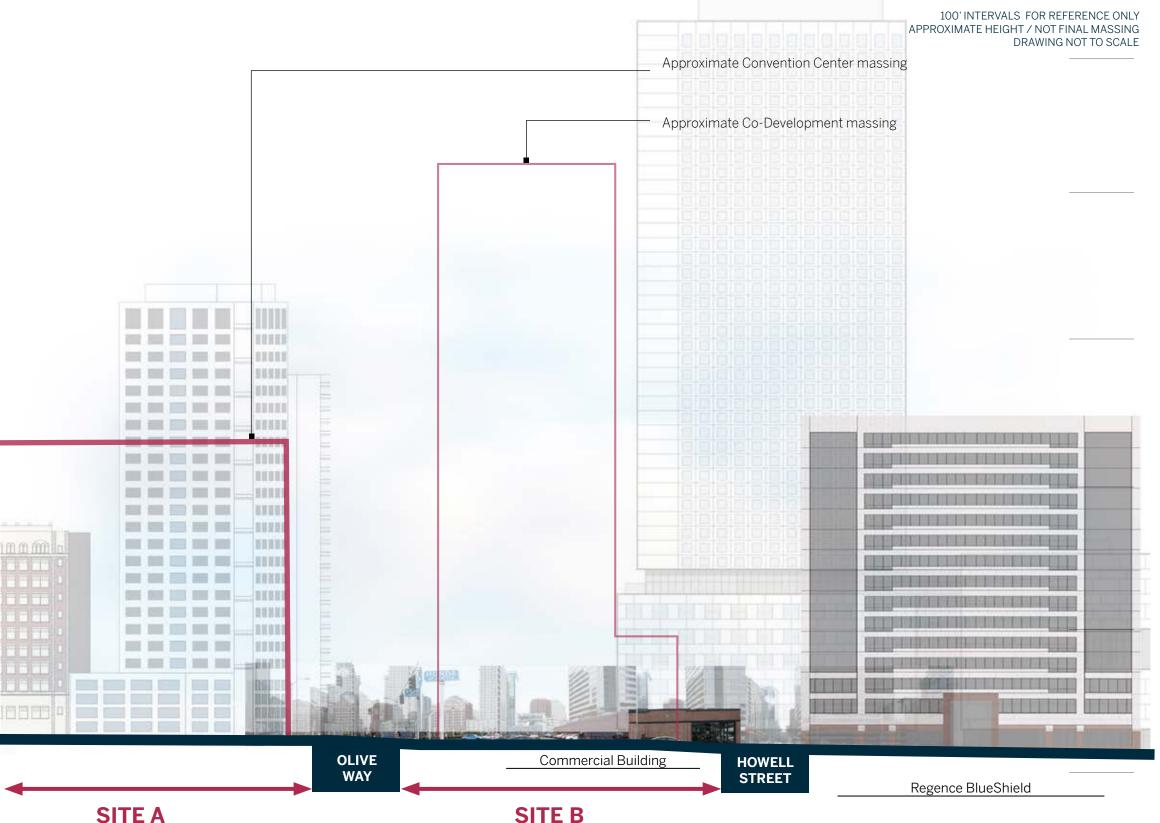
# **TERRY AVENUE**



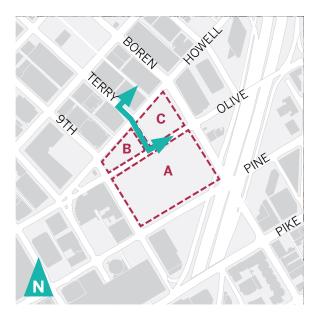
LOOKING SOUTHWEST

# **OBSERVATIONS**

This small leg of Terry Avenue created by the shift of the city grid at Howell Street establishes a logicial terminus of this green street connection to South Lake Union and a distinctive wedge shaped block pointing towards downtown. The current one-story structures and surface parking is dwarfed by the sequence of high-rise towers filling out downtown.



# **TERRY AVENUE**

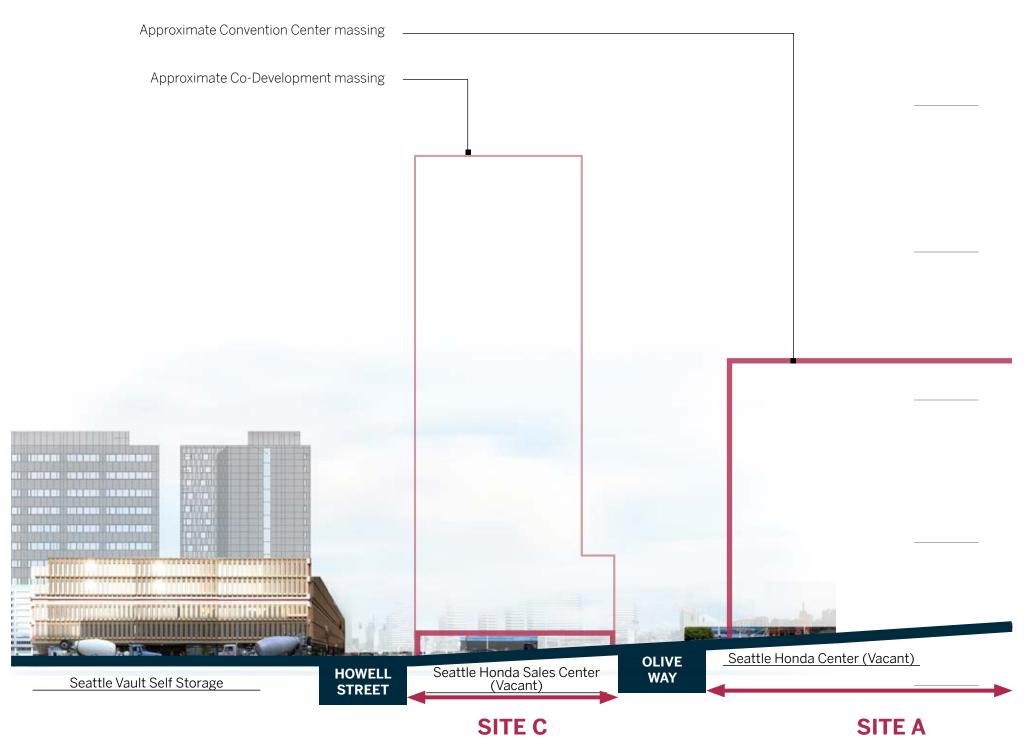


LOOKING NORTHEAST

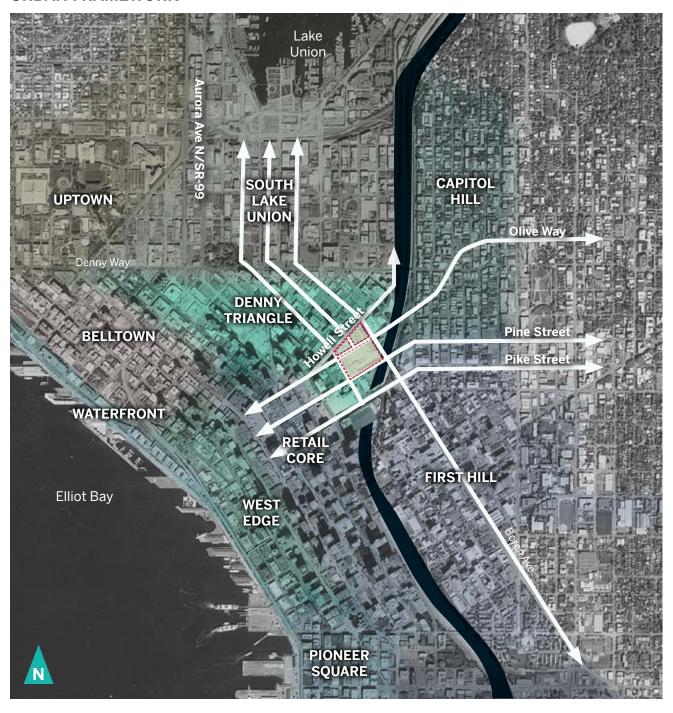
#### **OBSERVATIONS**

The east side of Terry is also defined by the shift in the city grid at Howell Street, creating another wedge shaped block at the terminus. The existing low-rise commerical and surface parking on this site is set in a backdrop of older mid-rise and modest high-rise buildings with I-5 and Capitol Hill beyond.

100' INTERVALS FOR REFERENCE ONLY APPROXIMATE HEIGHT / NOT FINAL MASSING DRAWING NOT TO SCALE



#### **URBAN FRAMEWORK**



#### **INTRODUCTION**

In developing a successful convention center within the heart of the city, it is critical that the project establish clear organizational functionality at the grade level, take advantage of the site's relationship to the existing urban infrastructure, and meet all of the urban context goals. Operationally, the building will need to accommodate a variety of competing requirements of entries, including passenger loading, event loading, retail, emergency egress, parking, and others — all within a topographically complex street configuration.

The extended urban context surrounding the convention center encompasses over seven of the city's most dense and vibrant neighborhoods. These neighborhoods contain a majority of Seattle's most iconic components: a thriving downtown retail core and Pike Place Market, the historic homes and hip nightlife of Capitol Hill, the regional medical hub of First Hill, the eclectic mixed-use neighborhood of Denny Triangle, the rapidly expanding South Lake Union neighborhood, and the future renewed waterfront district.

The existing and proposed convention center site itself engages the four most prominent streets that connect these areas: Olive Way, Pike Street, Pine Street, and Boren Avenue. Each of these streets is a major vehicular and pedestrian thoroughfare with connections to neighborhoods in the city.

Despite the convergence of these prominent connecting streets at the proposed site, its current state obstructs the connection and integration of these areas. The lack of retail and commerical continuity, uninhabited sidewalk edges, long and uninterrupted vechular throughfares all contribute to this urban void.

This project offers the opportunity to help re-connect these distinctive neighborhoods, allowing this new, larger urban-framework of the convention center to be the heart of a unique, welcoming experience for both delegates and local residents.

In approaching the design for this project, it is important to understand the components and qualities of the surrounding spaces that will play a part in the urban framework of the convention center development. Following is an analysis of the surrounding street and their potential relationships with this project.



## 3 URBAN DESIGN ANALYSIS URBAN CONNECTIONS

## **POINTS OF INTEREST MAJOR TRANSPORTATION NETWORKS** Cal Anderson Park Pike Place Market Seattle Aquarium Frye Art Museum MONORAIL WSCC ADDITION SITE **ENTERTAINMENT** WSCC ADDITION SITE STREET CAR **EXISTING WSCC FOOD & DRINK LOCATION EXISTING WSCC** LIGHT RAIL 9-BLOCK STUDY AREA HOTELS 9-BLOCK STUDY AREA PRONTO STATIONS **ENTERTAINMENT VENUES** PARK/PLAZA OPEN SPACE **EXISTING BUILDING GREEN STREET EXISTING BUILDING INTERSTATE-5 BICYCLE LANES INTERSTATE-5**

Note: Map includes building footprints planned, permitted, or under construction.

Note: Map includes building footprints planned, permitted, or under construction.

#### **PINE STREET**





Note: Map includes building footprints planned, permitted. or under construction.

Pine Street is one of Seattle's most iconic streets. It connects major commercial and public spaces from the waterfront to Capitol Hill. The Convention Center Addition will mark another destination along the chain of Pike Place Market, Westlake Park, and Melrose Market. Though I-5 currently creates a gap between Capitol Hill and downtown, this portion of Pine Street offers clear site lines to the Pike Place Market sign and the water beyond, highlighting the potential to unite the downtown core for visitors and residents. Despite the steep slope of Pine Street adjacent to the WSCC project site, the route is heavily trafficked by pedestrians and bicyclists.

#### **OLIVE WAY**

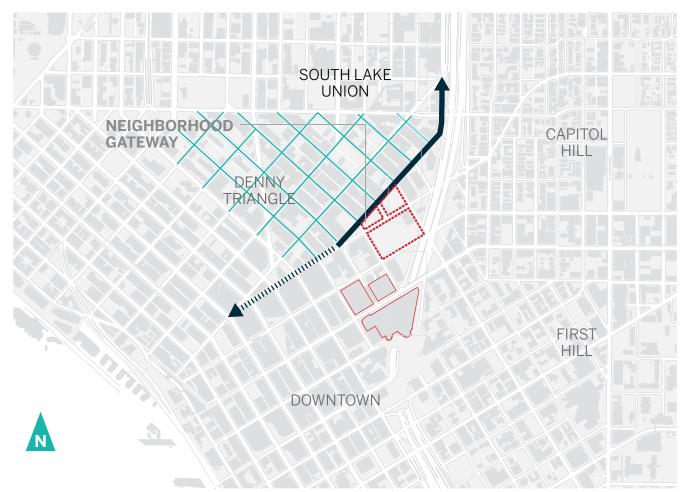




Note: Map includes building footprints planned, permitted, or under construction.

Though Pike Street and Pine Street are often highlighted as the key connections to Capitol Hill, Olive Way marks a third critical "bridge" between Downtown and Capitol Hill. Olive connects a series of "grid-shift" triangles beginning with the Sequoia Tree at 3rd Avenue. The shift with Howell Street offers another prominent corner. To the east of the site, Olive Way rises steeply to cross the freeway and meet Capitol Hill. This multi-block stretch currently has a mixture of building setbacks and, along with the freeway on-ramps east of I-5, makes for poor pedestrian experience. The intersection with Boren Avenue marks an important transition to downtown and an opportunity to give clarity and definition that will begin to counter the presence of the freeway.

#### **HOWELL STREET**





Howell Street marks the grid shift between the primary Downtown grid and that of the Denny Neighborhood Triangle. Compared to surrounding streets, Howell is relatively level and contained. To the west, Howell merges into Olive Way at 9th Avenue creating a prominent grid-shift corner. To the east, it terminates at the freeway.

Note: Map includes building footprints planned, permitted, or under construction.

#### **9TH AVENUE**

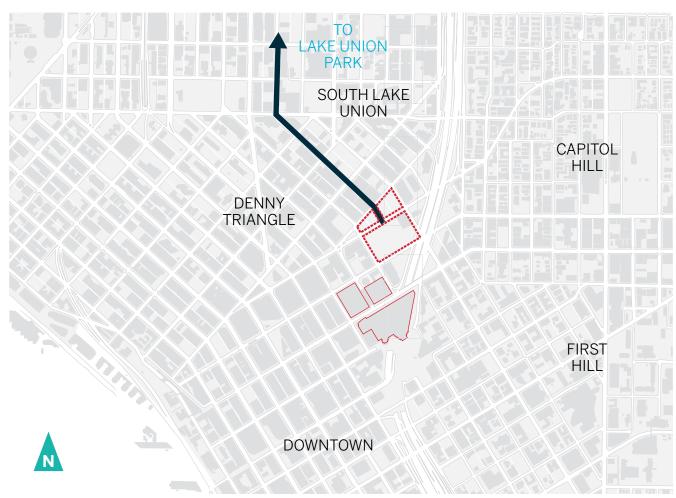




Note: Map includes building footprints planned, permitted, or under construction.

9th Avenue is a green street relatively underdeveloped between Olive Way and Pine Street. It presents an opportunity to become a significant north-south pedestrian corridor linking convention center and other downtown activities with Denny Triangle and South Lake Union.

#### **TERRY AVENUE**

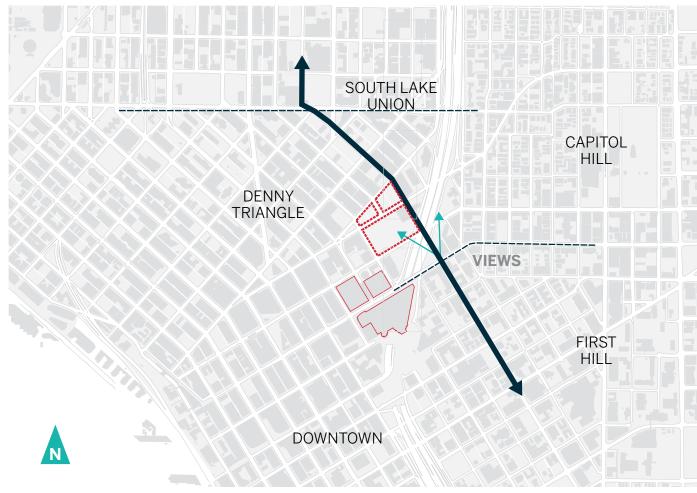




Though only a single-block continues into the project south of the Howell grid shift, Terry Avenue is undergoing major green street improvements and provides a direct connection between the convention center and South Lake Union Park. As a green street, it features mixed modes and a varied character along its length that speaks to the industrial past of this part of the city.

Note: Map includes building footprints planned, permitted, or under construction.

#### **BOREN AVENUE**

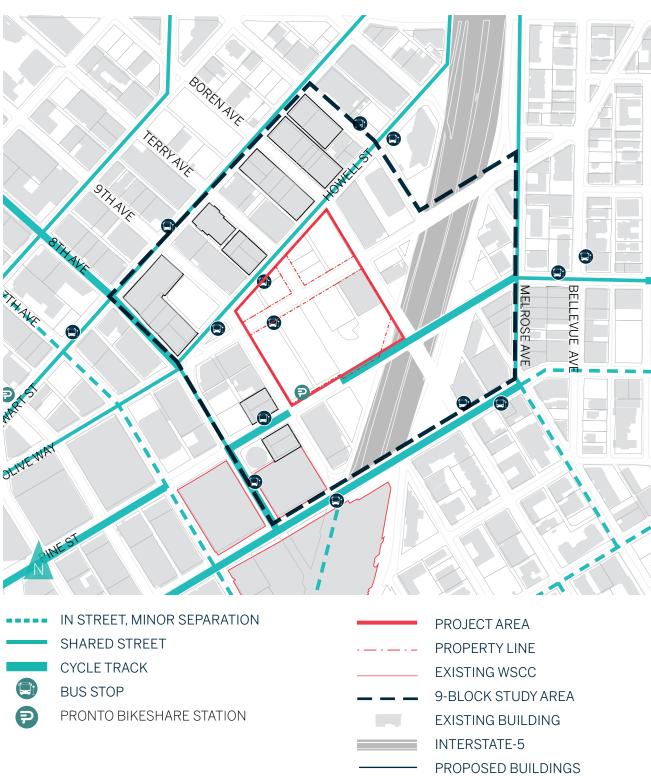




Note: Map includes building footprints planned, permitted, or under construction.

Though lacking a strong identity for many Seattle residents today, Boren Avenue is one of the city's most continuous streets linking South Lake Union all the way to the Rainier Valley. Boren's north to south slope orientation reflects its direction connection to First Hill to the south. This slope gives particular prominence to the southwest corner of the WSCC Addition and a gateway between First Hill and the Denny Triangle. As it crosses over the freeway adjacent to the project site, Boren Avenue is confined by narrow sidewalks and dominated by the presence of the vehicles. Existing building facades, create an irregular street edge that also constrains sidewalk widths.

#### **LOCAL TRANSPORTATION NETWORKS**



#### LOCAL STREET LEVEL ACTIVITY



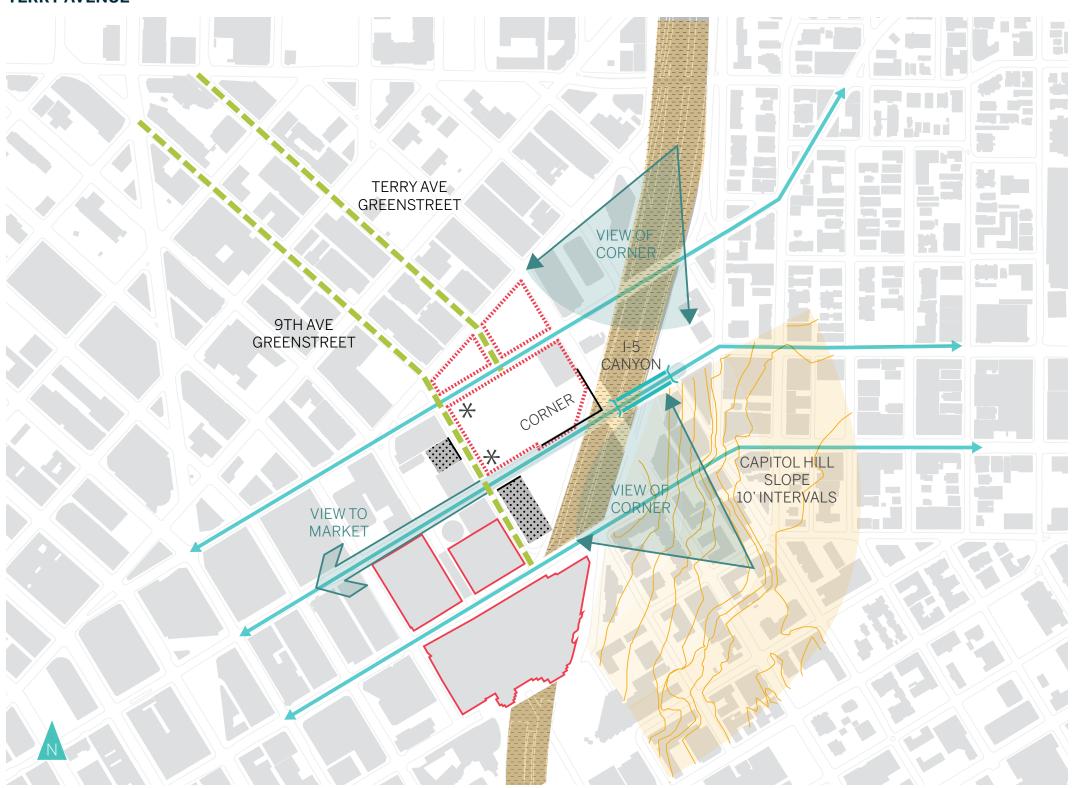
#### **OBSERVATIONS**

An analysis of the street level uses in the study area reveals a consistant pattern of activity, trancending of the unique qualities and scale of each adjacent neighborhood. The warm tones highlight the denser vibrant attractors such as retail, restaurants, and nightlife, while the cool tones depict the stable flow of office and residential lobbies.

#### **OPPORTUNITIES**

The WSCC Addition project has the opportunity to stitch the adjacent neighborhoods together with a similar blend of street level activities, making the proposed facility an intergral player in the richness and identity of this urban setting.

#### **TERRY AVENUE**

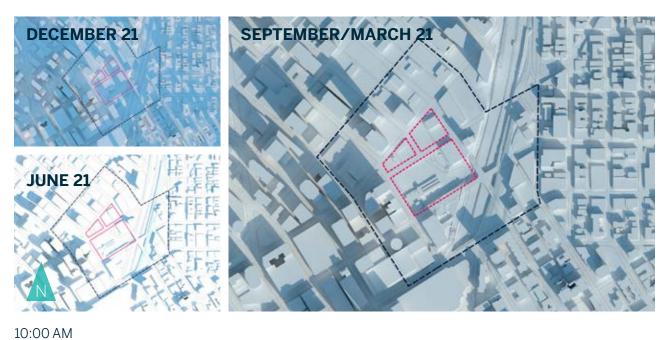


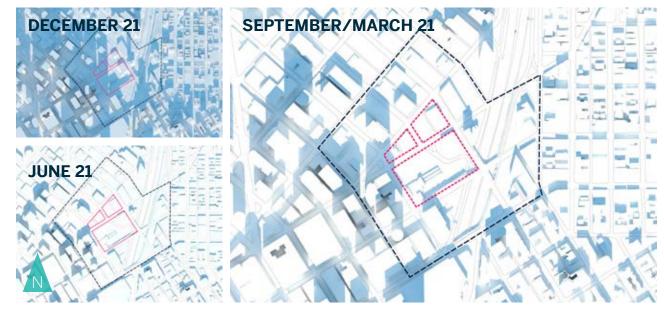
#### **OPPORTUNITIES**

These unique site conditions create a variety of opportunities that contribute to richness of the place. The project will be informed by capturing these moments at different scales, establishing a presence that is equally compelling at street level as it is a significant addition to the city skyline.

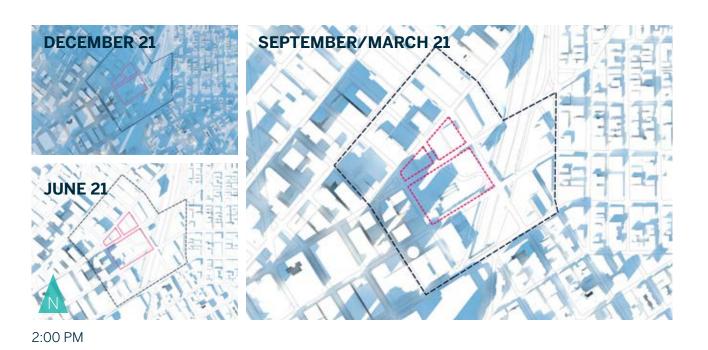
- Use the building form and massing to complete the exposed edge along Pine Street and shorten the bridge to Capitol Hill
- Promote the connection from Capitol Hill to Downtown by creating an attractive pedestrian experience, highlighting views to Pike Place Market.
- Fill in the corner of the block at Pine Street and Boren Avenue to help remedy the void created by I-5.
- Take advantage of the exposure created by I-5 and the topography to create a distinctive and memorable presence in the city.
- Establish 9th Avenue as an active forecourt to the primary entries and public lobby.
- Imagine 9th Avenue as a future connection to the existing convention center.
- Take advantage in the shift of the city grid at Howell Street to create a sense of place along 9th and Terry Avenues.
- Use the sites north of Olive Way to create a meaningful terminus to Terry Avenue and a transition to the Denny Triangle and South Lake Union neighborhoods.

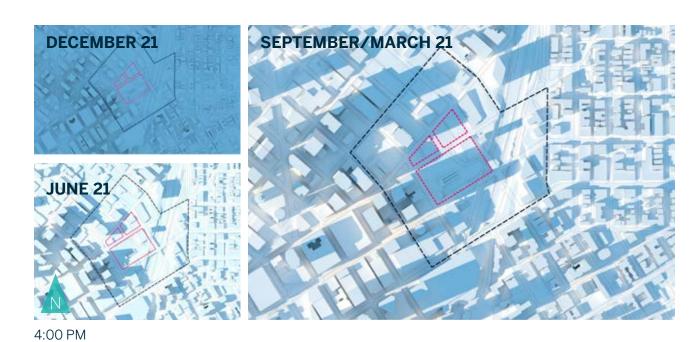
#### **SHADOW STUDY WITH EXISTING CONDITIONS**



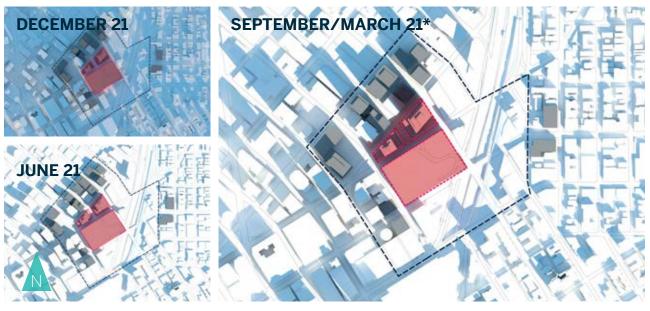


12:00 PM

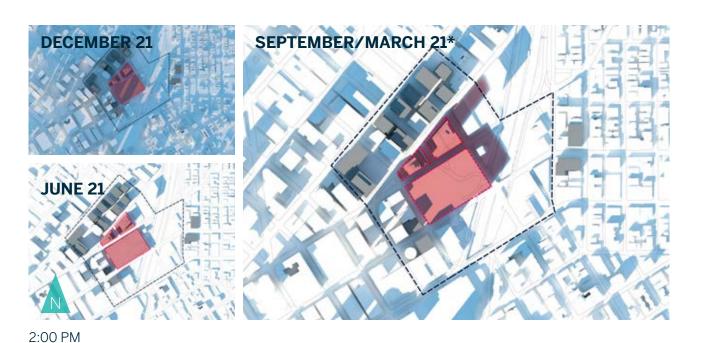




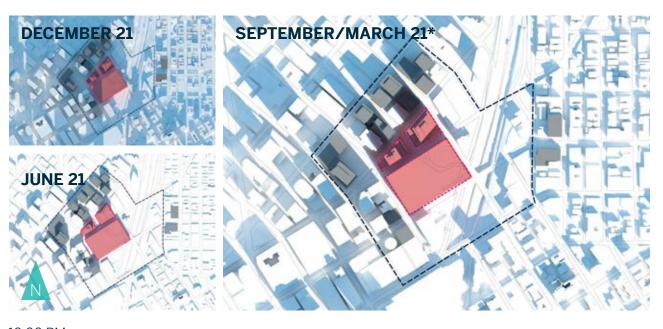
#### SHADOW STUDY WITH APPROXIMATE CONVENTION CENTER BUILDING MASS



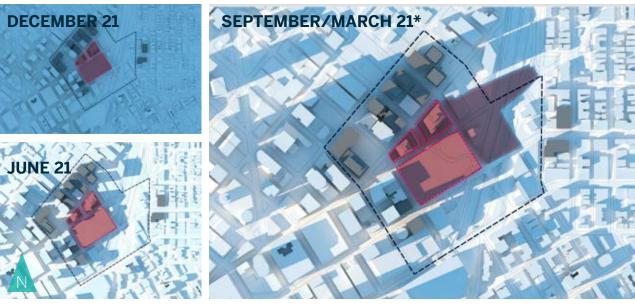
10:00 AM



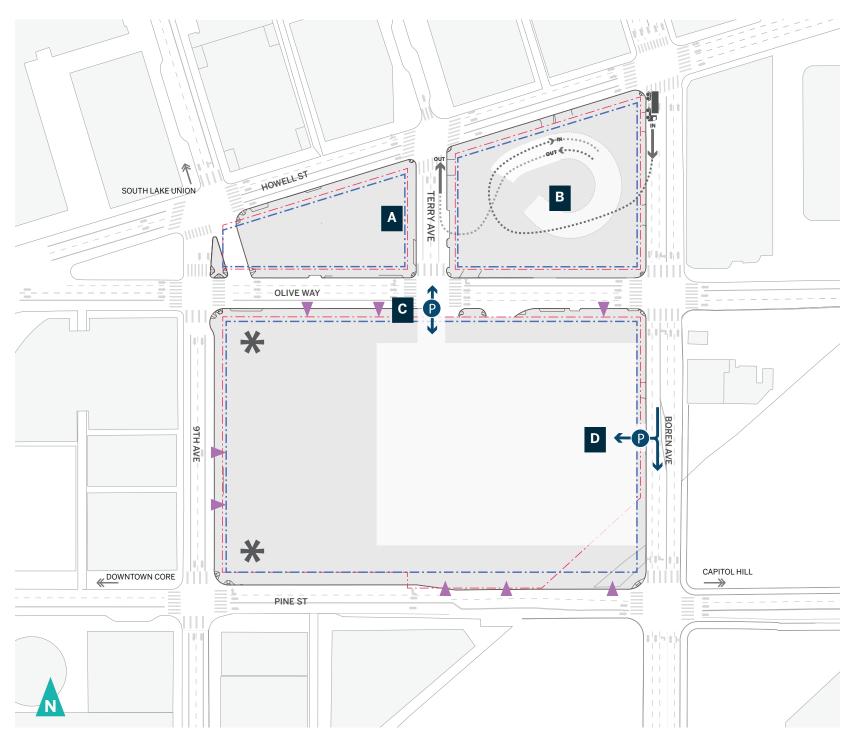
\* APPROXIMATE SHADOW IMPACT HIGHLIGHTED IN RED FOR SEPTEMBER/MARCH STUDIES



12:00 PM



4:00 PM



NOTE: Proposed access locations noted are shown overlayed on the existing site conditions. Proposed street improvements are yet to be determined.

#### PRELIMINARY SITE CIRCULATION/ACCESS

Preliminary site analysis indicates the following prefered locations of pedestrian, passenger vechicle, and truck circulation on and through the site overlayed on the existing site conditions. Proposed street improvements are yet to be determined.

## АВ

#### **LOADING ACCESS**

Truck access for the WSCC Addition is proposed to arrive at "B" via Boren Avenue from the north, exiting 1-5 at Mercer Street. The flow through the block is one way from east to west - ingressing off of Boren Avenue and egressing at Terry Avenue. Trucks will have a marshaling area for approximately (3) trucks within the facility that allow them to wait off of city streets before being directed to the loading docks below grade. Future potential co-development would also require loading access at "A" and shared with "B".



#### **PARKING ACCESS**

Passenger car access, vans, and hand carried freight are proposed to have access to the WSCC Addition facility at locations "C" & "D". The intersection of Terry Avenue at Olive Way, provides a familiar break at the street grid and provides an opportunity to control safe garage access through a signalized intersection. Boren Avenue is an additional access point that connects to the facility at a higher elevation, providing right turn only ingress and egress.



#### PRIMARY CONVENTION CENTER ENTRY

Primary lobbies for the WSCC Addition facility are envisioned along 9th Avenue and extending upward along Pine Street. 9th Avenue's proximity to downtown amenities, connection to the existing WSCC facility, and comparatively shallower grades makes it an ideal location for the signature public entry.



#### ADDITIONAL ENTRIES (TBD)

Additional entries along the perimeter of the facility will support employee access, pedestrian parking access, and various retail opportunities.

#### **CONVENTION CENTER PROGRAM**

#### **EXHIBITION HALL**

- Lower Hall: 150K contiguous
- Access to daylight
- 90' x 90' column grid or larger
- 30'x30' planning grid
- · Rectangular configuration
- 60/40 split

#### **FLEX HALL**

- Upper Hall: 100K contiguous (35ft+ desired)
- Strong visual connection to lower hall
- Access to daylight & views
- Long span structure, approximately 80'
- 60/40 split
- · Highly flexible

#### **SUPPORT**

- Approximately 510K SF of space
- 30ft width at edges of exhibit halls

#### **PRE-FUNCTION/LOBBY AREAS**

- Approximately 280K SF of space
- 50ft width at Exhibit Halls

#### **MEETING ROOMS**

- Area: 120K SF
- Flexibility
- Access to daylight & views

#### **BALLROOMS**

- Area: 70K SF + potential flex space
- Flexibility
- Access to daylight & views

#### LOADING

- Approximately 200K SF of space
- Inbound: Boren, Outbound: Terry
- Locate docks adjacent to Lower Hall
- Elevators to Upper Hall

#### **RETAIL**

Potential retail locations

## **PARKING**

• Program for 500-800 parking stalls

#### **CO-DEVELOPMENT PROGRAM**

#### RETAIL

Potential retail locations

## **LOBBY AREAS**

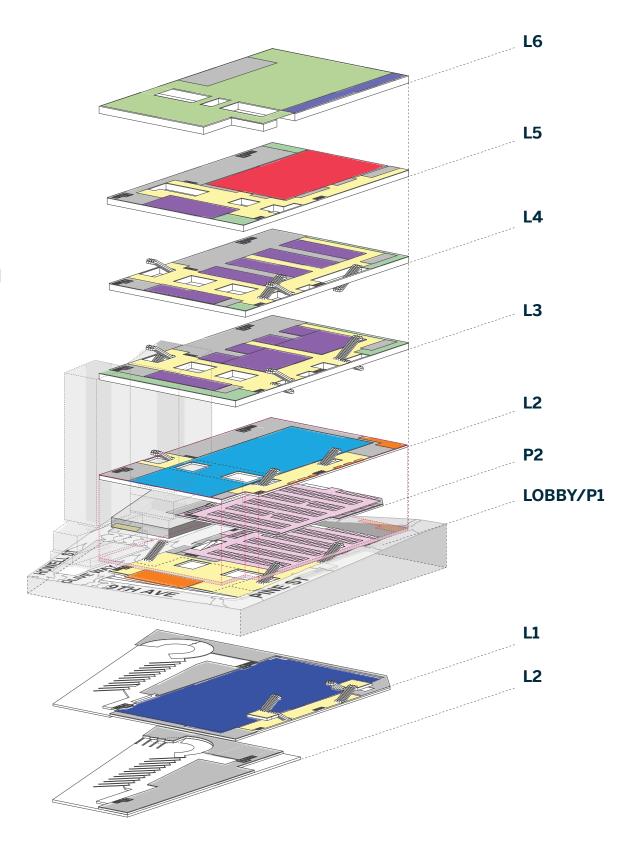
Potential lobby locations

## **RESIDENTIAL**

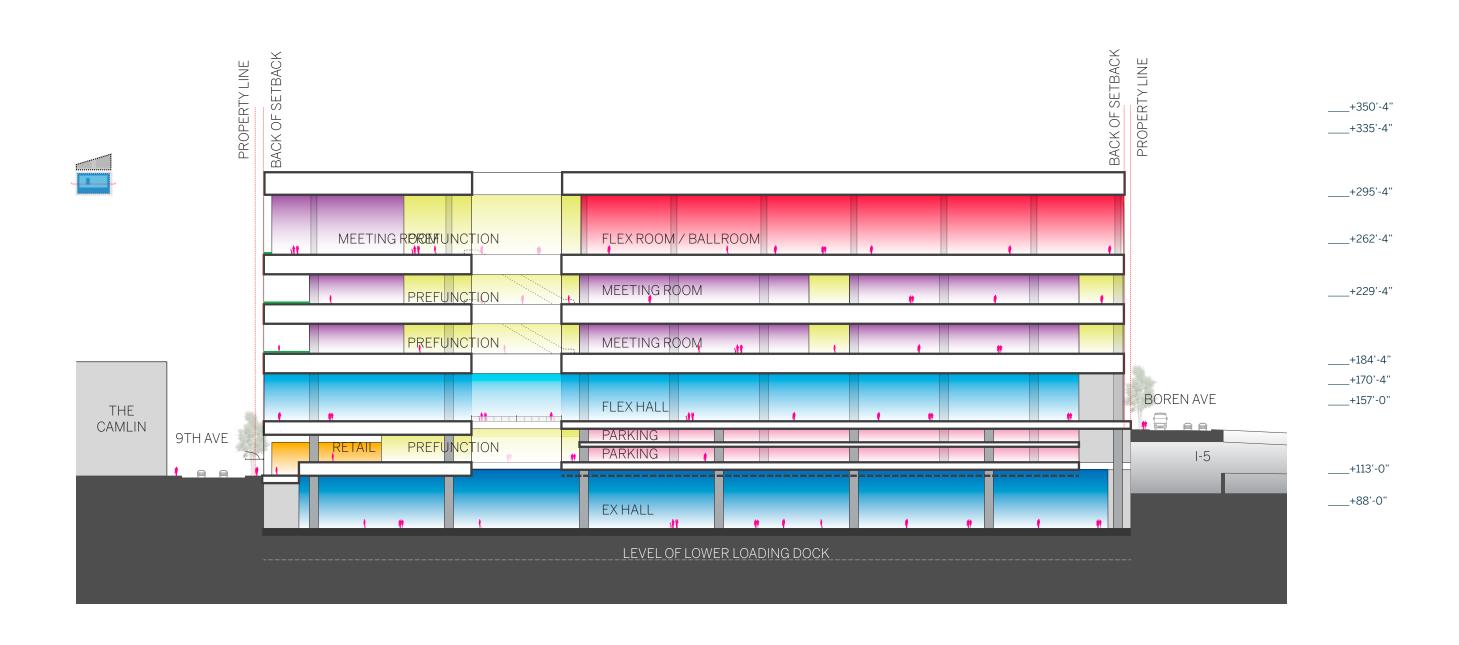
Potential residential use

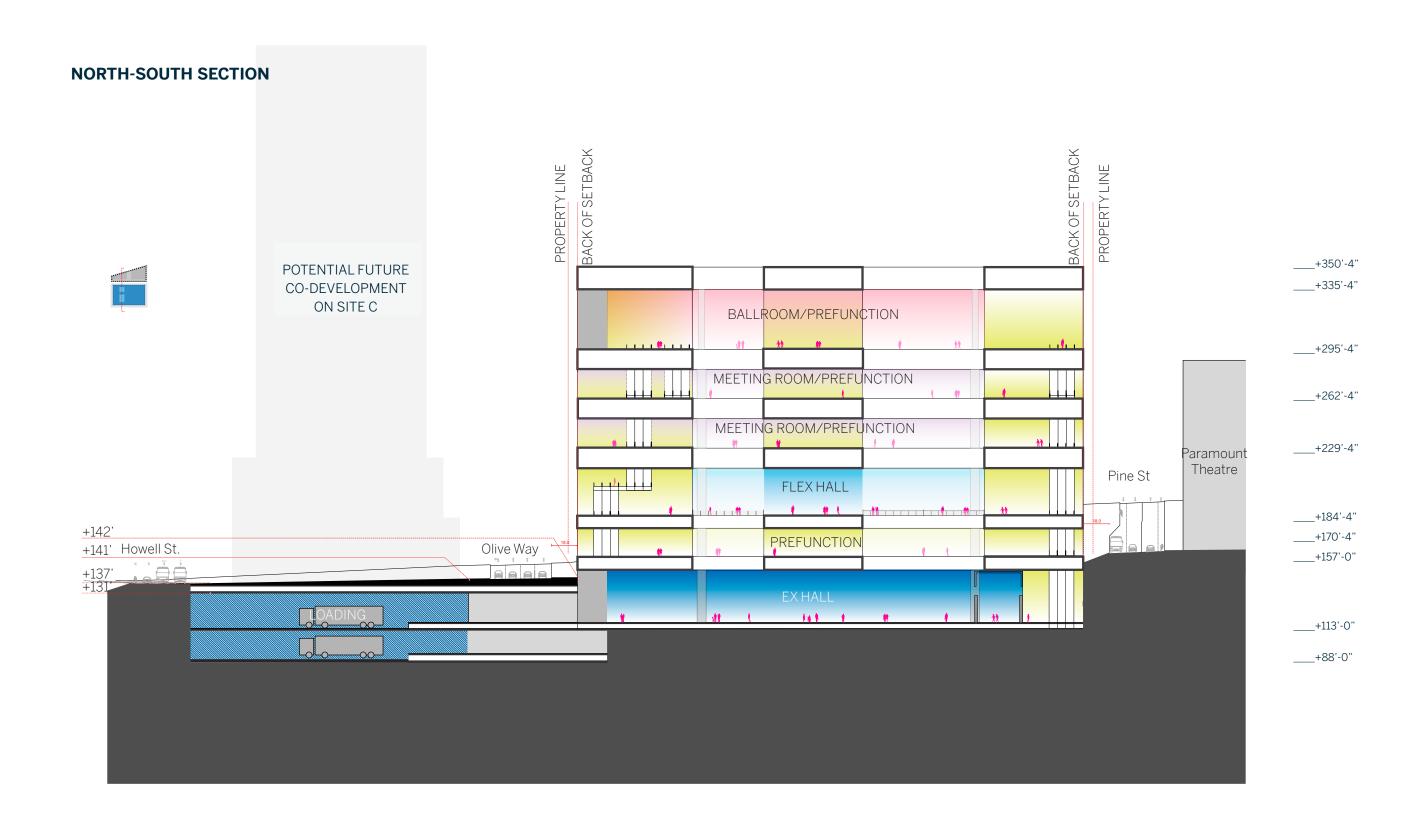
## **OFFICE**

Potential commerical office use

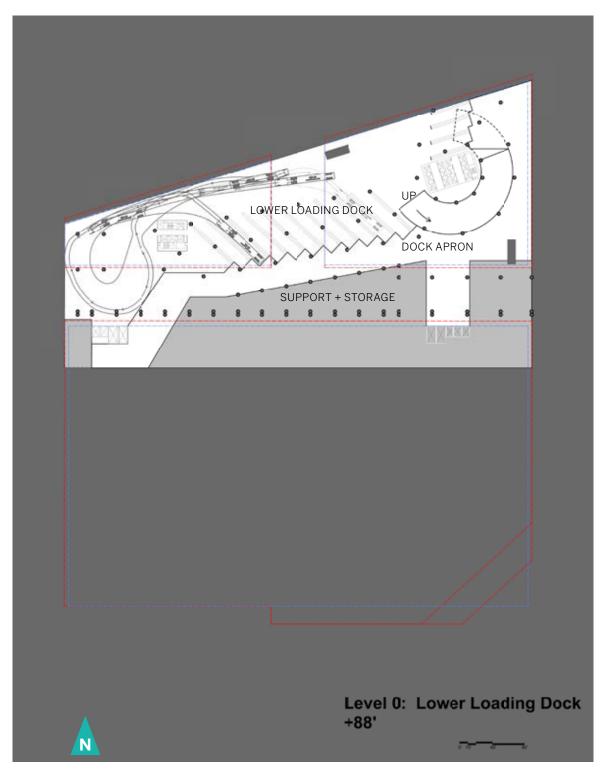


#### **EAST-WEST SECTION**

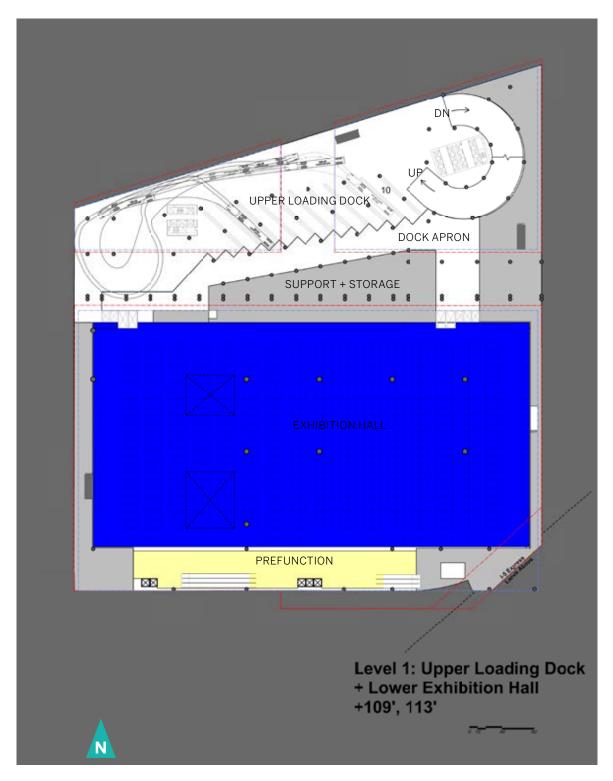




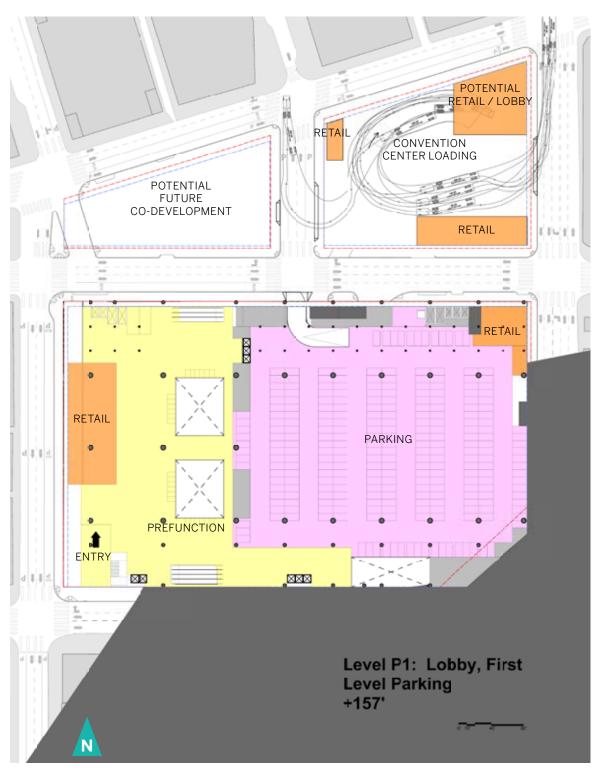
## **LEVEL O**



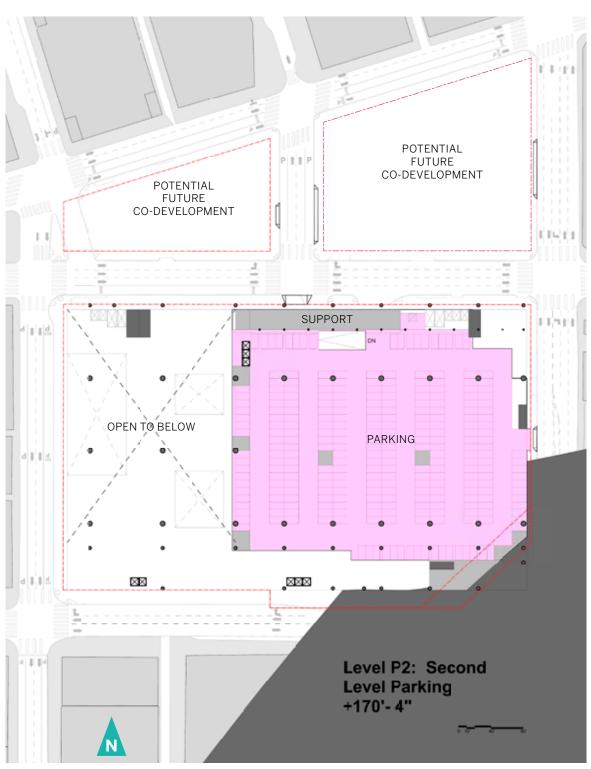
#### LEVEL 1



#### **LEVEL P1**



#### **LEVEL P2**



LEVEL 2 LEVEL 3 POTENTIAL FUTURE POTENTIAL FUTURE CO-DEVELOPMENT P 1 1 P CO-DEVELOPMENT POTENTIAL FUTURE POTENTIAL FUTURE CO-DEVELOPMENT CO-DEVELOPMENT 1.15-21.1 SUPPORT d # # d SUPPORT FLEXIBLE MEETING ROOMS FLEX HALL MEETING ROOMS d | | | d PREFUNCTION PREFUNCTION d | | d 88 MMM Lith til Level 3: Meeting Rooms Level 2: Flex Hall +184'- 4" +229'- 4"

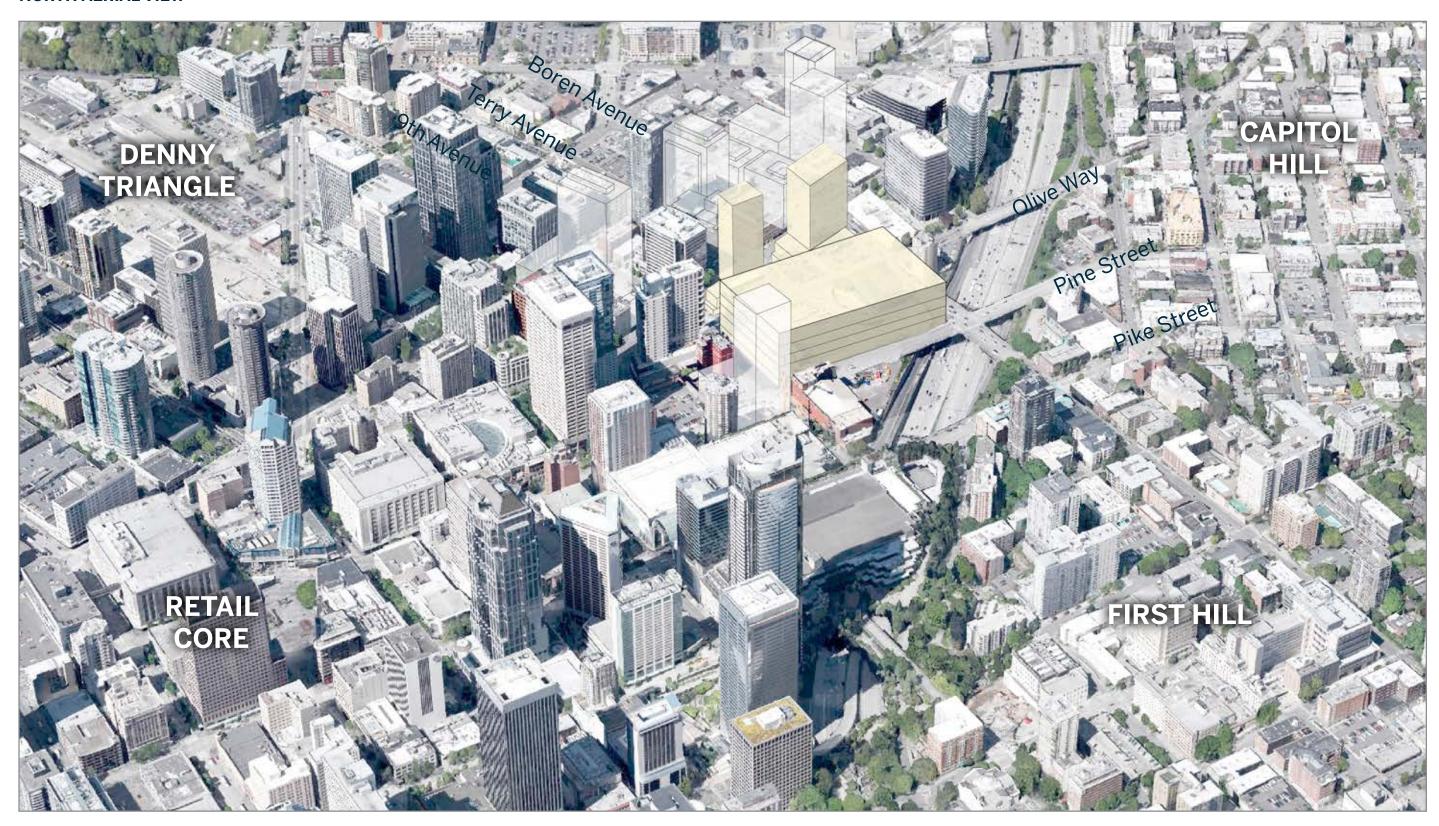


Approximate building mass shown here indicates the general size of the program elements on the site.

It does not include sculpting and modulation of the building form, terraces, porosity, facade treatments, etc., which will be incorporated into the recommended design to integrate this program synergisticly with its urban context.

New Development within 9-block study area is shown in white.

#### **NORTH AERIAL VIEW**

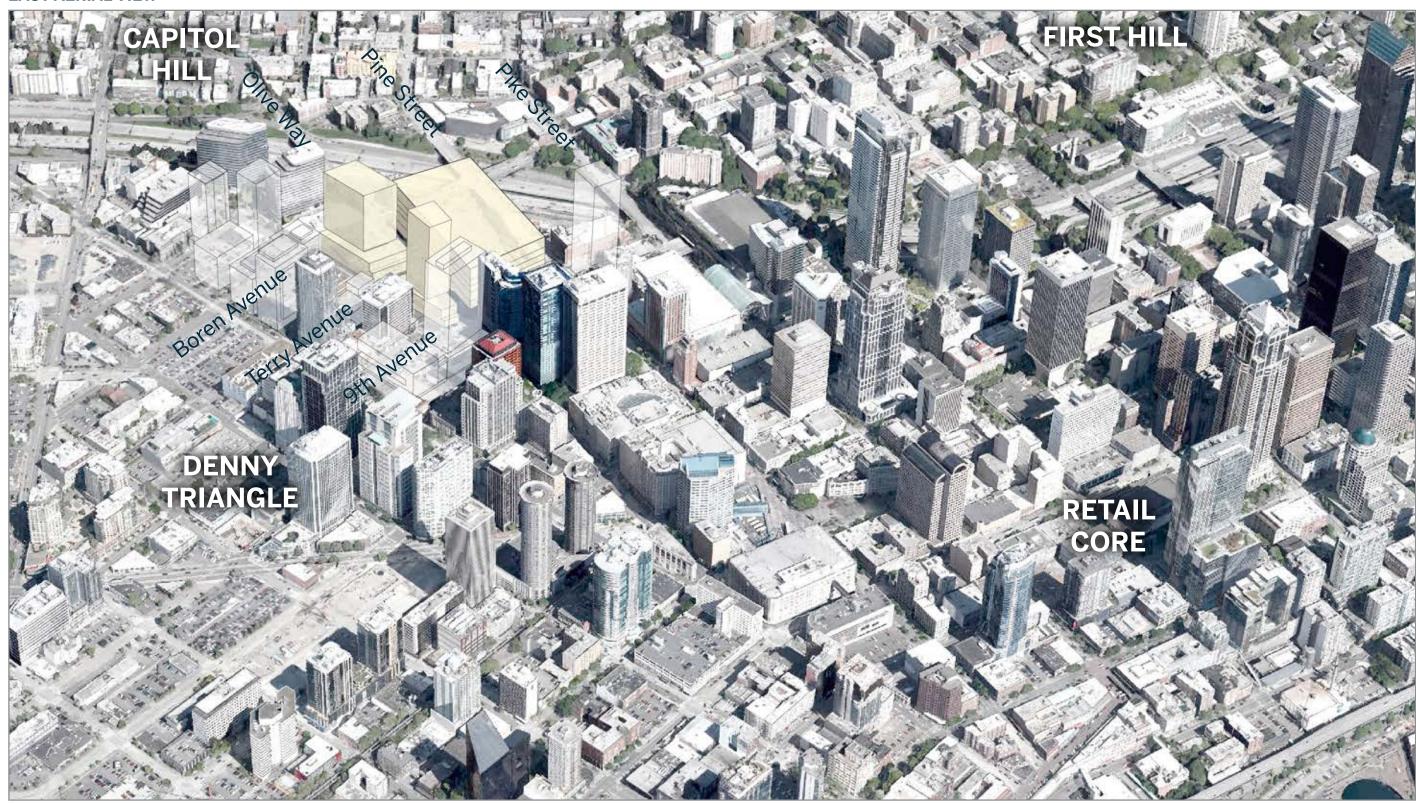


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New Development within 9-block study area is shown in white.

#### **EAST AERIAL VIEW**

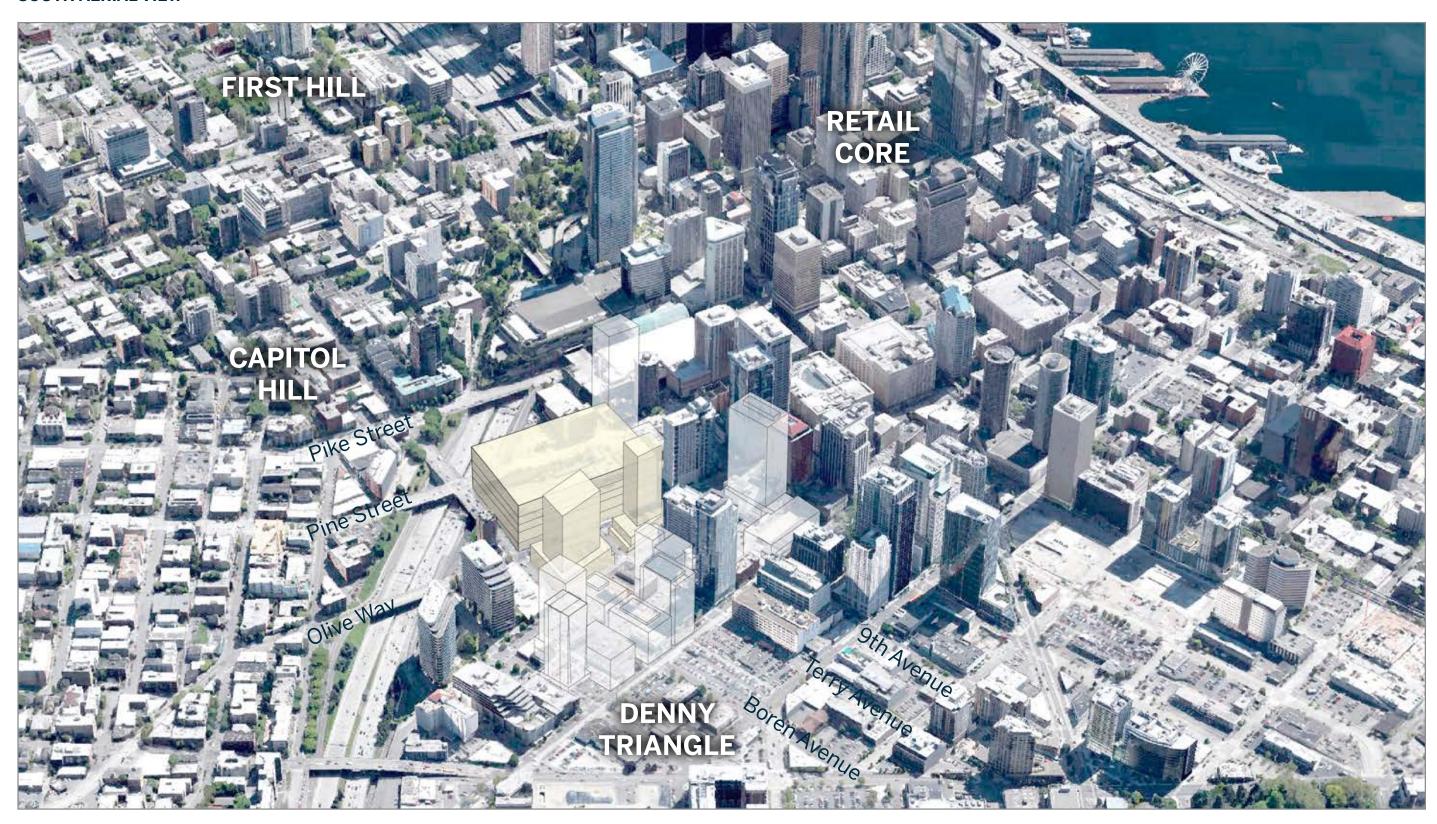


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New Development within 9-block study area is shown in white.

#### **SOUTH AERIAL VIEW**

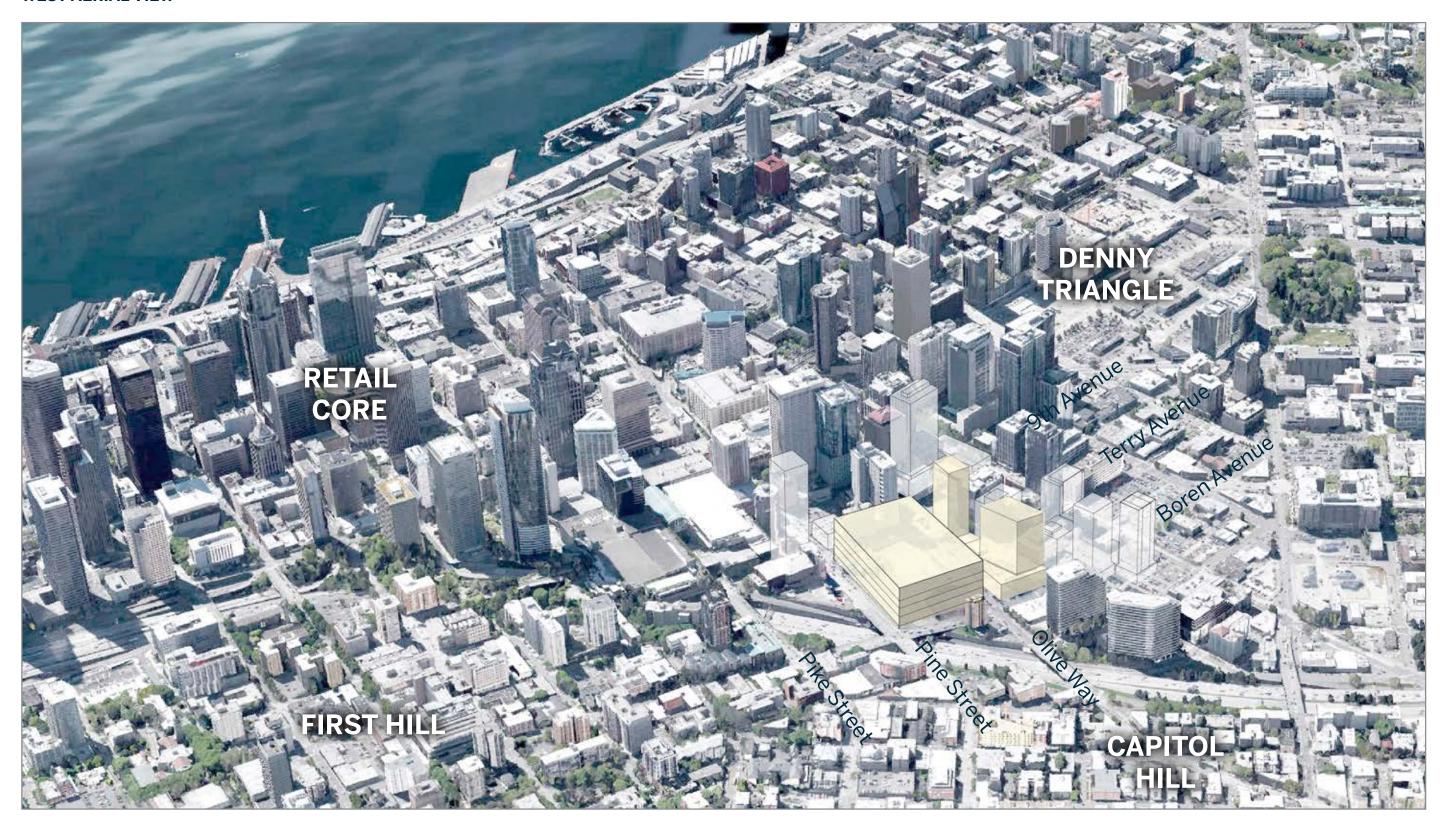


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New Development within 9-block study area is shown in white.

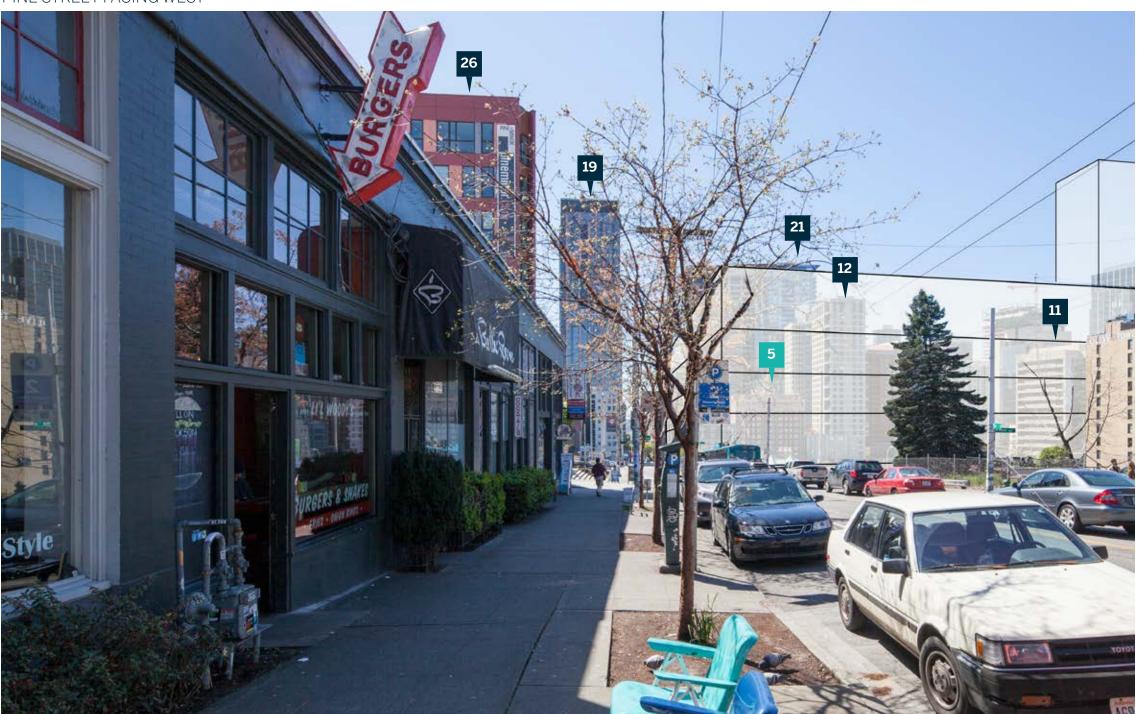
#### **WEST AERIAL VIEW**

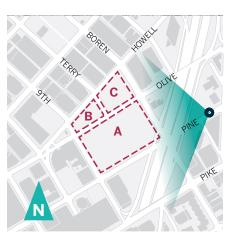


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#### PINE STREET FACING WEST





#### OPPORTUNITIES

- Bridge the gap between Capitol Hill and downtown.
- Capture both the dynamic granular character of the Captiol Hill and the large-scale civic character of Downtown.
- Encourage pedestrian activity through urban streetscape amenities.

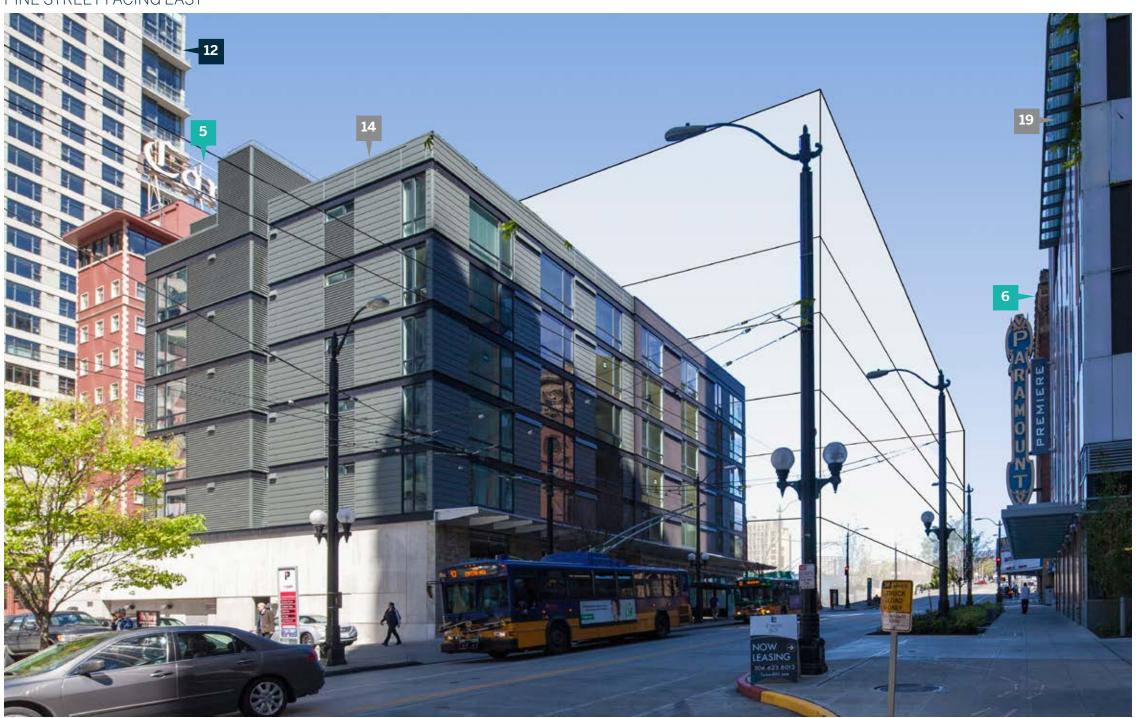
#### **BUILDING KEY**

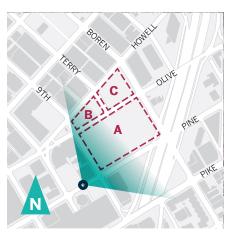
Refer to page 11-15 for noted buildings.

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#### PINE STREET FACING EAST





#### OPPORTUNITIES

- Engage in meaningful dialog with the adjacent landmarks of the former Camlin Hotel and Paramount Theatre.
- Create a transition in scale between Downtown and Capitol Hill.
- Create an identifiable public presence and primary entry.

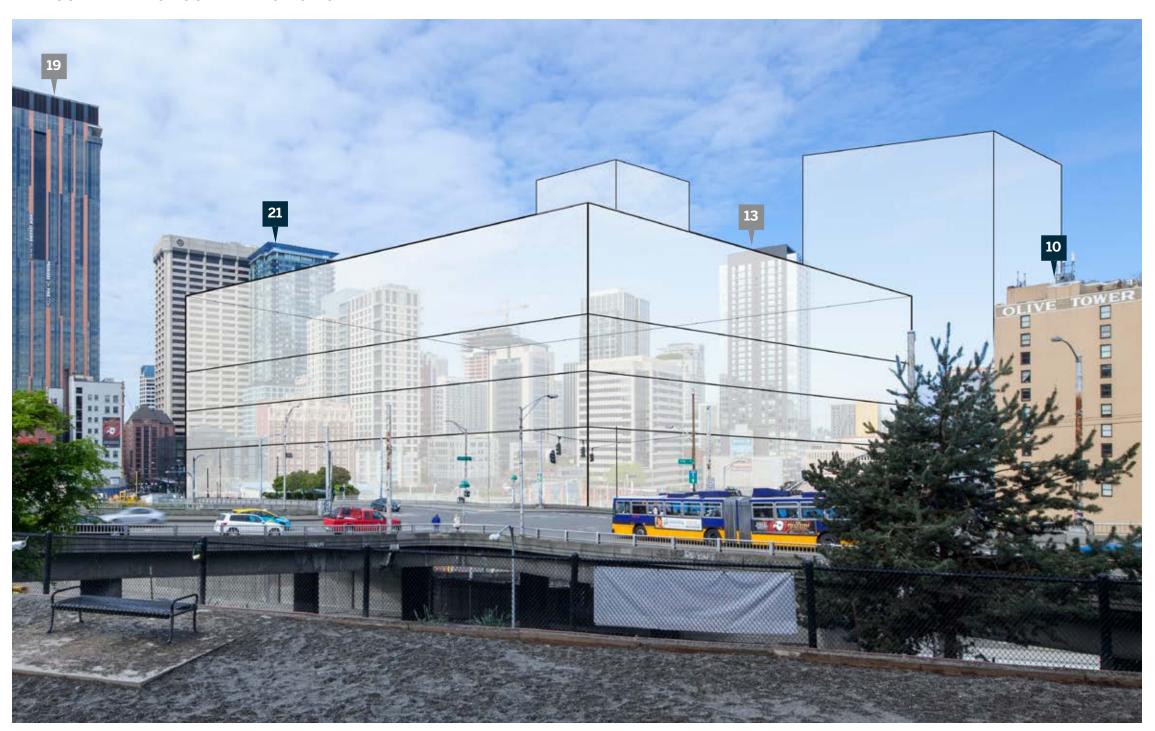
#### **BUILDING KEY**

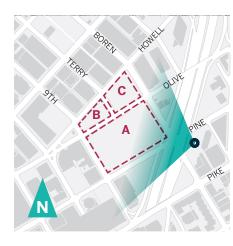
Refer to page 12-17 for noted buildings.

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#### PLYMOUTH PILLARS DOG PARK FACING NORTH





#### OPPORTUNITIES

- Fill in the corner of Pine Street and Boren Avenue to complete the urban block.
- Shorten the bridge over I-5.
- Take advantage of the exposure created by the I-5 canyon and site topography to create a meaningful addition to the Downtown skyline.

#### **BUILDING KEY**

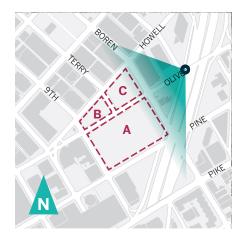
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#### OLIVE WAY FACING WEST





#### OPPORTUNITIES

- Contribute to the evolving character and increasing density of the transitioning neighborhood.
- Promote Olive Way as a desirable pedestrian connection across I-5 connecting Capitol Hill to Downtown.
- Create a prominent corner at the edge of I-5.

#### **BUILDING KEY**

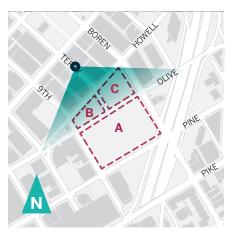
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#### TERRY AVENUE FACING SOUTH





#### OPPORTUNITIES

- Create a logical terminus to
   Terry Avenue Green Street and
   a gateway to the proposed
   project.
- Fill in the hole in the urban fabric and contribute to the density of this rapidly evolving neighborhood.

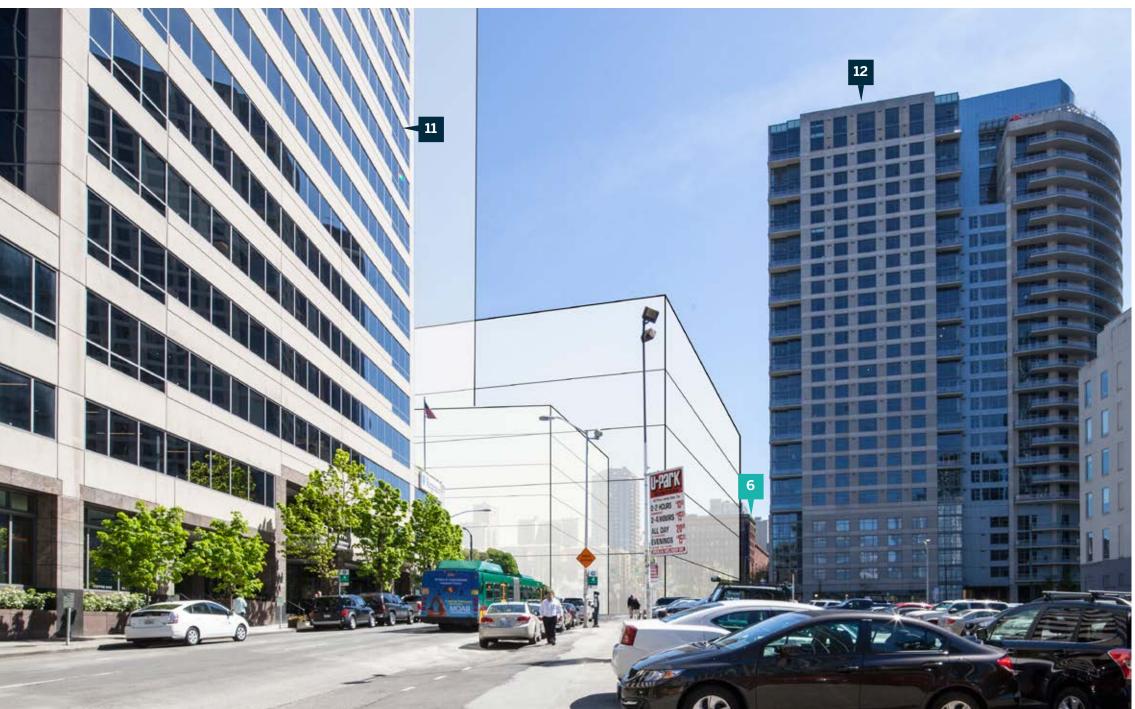
#### **BUILDING KEY**

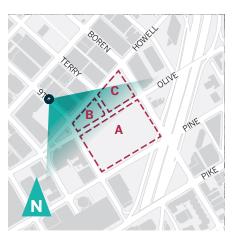
Refer to page 11-15 for noted buildings.

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#### 9TH AVENUE FACING SOUTH





#### OPPORTUNITIES

- Participate in the completing urban edges and filling in the gaps in the urban form.
- Create attractive pedestrian connections through great urban streetscapes.
- Add interest to the skyline through the use of massing and facade design.
- Distinguish this corner as s memorable shift in the city grid.

#### **BUILDING KEY**

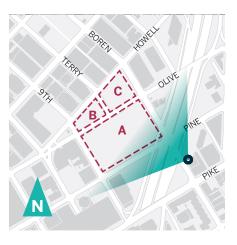
Refer to page 11-15 for noted buildings.

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#### BOREN AVENUE FACING EAST





#### **OPPORTUNITIES**

- Bridge the gap between First Hill and South Lake Union.
- Fill in the corner at Pine Street and Boren Avenue to complete the urban fabric.
- Improve Boren Avenue as a pedestrian connection.

#### **BUILDING KEY**

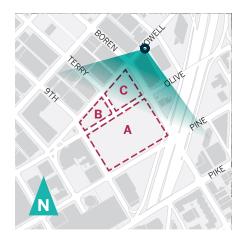
Refer to page 11-15 for noted buildings.

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#### HOWELL STREET FACING SOUTHWEST





#### OPPORTUNITIES

- Participate in the dynamism of a rapidly evolving neighborhood.
- Plan for future co-development that provides the desired height and density for the neighborhood.
- Promote Howell Street as an attractive pedestrian connection.

#### **BUILDING KEY**

Refer to page 11-15 for noted buildings.

#### SITE PLANNING & MASSING

# A-1 RESPOND TO THE PHYSICAL ENVIRONMENT

Develop an architectural concept and compose the building's massing in response to geographic conditions and patterns of urban form found beyond the immediate context of the building site.

The proposal's massing will include a response to its innate programmatic needs and its location at the intersection of a multiplicity of diverse Seattle neighborhoods.

#### ARCHITECTURAL EXPRESSION

#### **B-2 CREATE A TRANSITION IN BULK & SCALE**

Compose the massing of the building to create a transition to the height, bulk, and scale of development in neighboring or nearby less intensive zones.

The proposal will occupy a smaller envelope than is possible by code, creating a transition on the edge of downtown to the smaller scale neighborhoods to the east. Terraces, lobbies, and retail provide opportunities to compose the building mass appropriate to its context.

# B-3 REINFORCE THE POSITIVE URBAN FORM & ARCHITECTURAL ATTRIBUTES OF THE IMMEDIATE AREA

Consider the predominant attributes of the immediate neighborhood and reinforce desirable siting patterns, massing arrangements, and streetscape characteristics of nearby development.

The proposal will infuse the attributes of the civic scale of downtown with the vibrancy of adjacent neighborhoods like Capitol Hill, reinforcing active urban streets with dynamic architectural character.

#### THE STREETSCAPE

#### C-1 PROMOTE PEDESTRIAN INTERACTION

Spaces for street level uses should be designed to engage pedestrians with the activities occurring within them. Sidewalk-related spaces should be open to the general public and appear safe and welcoming.

The streetscape will be designed to promote a vibrant urban pedestrian experience. Views into the building along with landscape elements, pedestrian amenities, street level lobbies, and retail will be employed to activate the street.

#### C-2 DESIGN FACADES OF MANY SCALES

Design architectural features, fenestration patterns, and materials compositions that refer to the scale of human activities contained within. Building facades should be composed of elements scaled to promote pedestrian comfort, safety, and orientation.

The proposal will incorporate architectural features that will respond to the scale of the pedestrian as well as the larger urban form.

#### C-3 PROVIDE ACTIVE-NOT BLANK-FACADES

Buildings should not have large blank walls facing the street especially near sidewalks.

The proposal will carefully consider the layout and character of support spaces within the building to limit the amount of blank facades, particularly at the pedestrian level. Pedestrian edges will be designed to create an attractive pedestrian experience.

## **PUBLIC AMMENITIES**

# D-1 PROVIDE INVITING & USABLE OPEN SPACE

Design public open spaces to promote a visually pleasing, safe, and active environment for workers, residents, and visitors. Views and solar access from the principal area of the open space should be especially emphasized.

The proposal will consider opportunities for open space that provide both an amenity to the occupants of the facility, as well as contributing to a vibrant inviting urban streetscape.

# D-3 ENHANCE ELEMENTS THAT DEFINE THE PLACE

Provide special elements on the facades, within public open spaces, or on the sidewalk to create a distinct, attractive, and memorable "sense of place" associated with the building.

The site's distinct edges create the potential for special moments enriched by the partnering of the building and the streetscape. Each unique condition contributes to the urban framework.

## **VEHICULAR ACCESS & PARKING**

# E-3 MINIMIZE THE PRESENCE OF SERVICE AREAS

Locate service areas for trash dumpsters, loading docks, mechanical equipment, and the like away from the street front where possible. Screen from view those elements which for programmatic reasons cannot be located away from the street front.

The proposal will carefully incorporate loading and other service areas into the facility, shielding their adverse qualities and promoting a positive pedestrian experience.