

SEATTLE DESIGN COMMISSION - URBAN DESIGN MERIT: 7.18.2013

PROJECT INFORMATION:

Property Address: 807 Stewart Street

Seattle, WA 98101

DPD Project #: 3013951

Owner: R.C. Hedreen Co.

217 Pine Street, Ste 200 Seattle, WA 98101 206.624.8909

Architect: LMN Architects

801 Second Ave. Suite 501

Seattle, WA 98104

DEVELOPMENT OBJECTIVES:

- 1. Create an efficient, functional design and rich user experience.
- 2. Enrich the adjacent districts.
- 3. Contribute to the significant urban forms in downtown Seattle.

PROGRAM ELEMENTS:

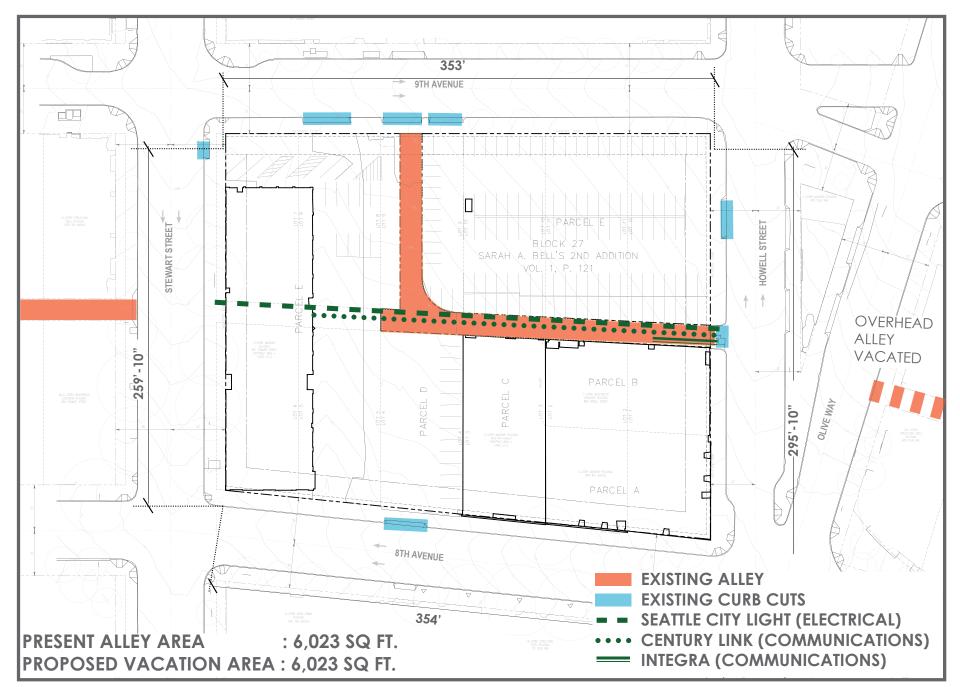
- **1,550** hotel rooms
- 70,000 SF of meeting room space
- **(2) 40,000** SF ballrooms
- 150 affordable housing units
- 45,000 SF of ground-related retail and restaurants
- 700 cars and 6-levels of parking in a below-grade garage
- 12 loading bays of on-site, below-grade truck service

EXISTING CONDITION: FULL BLOCK OWNERSHIP

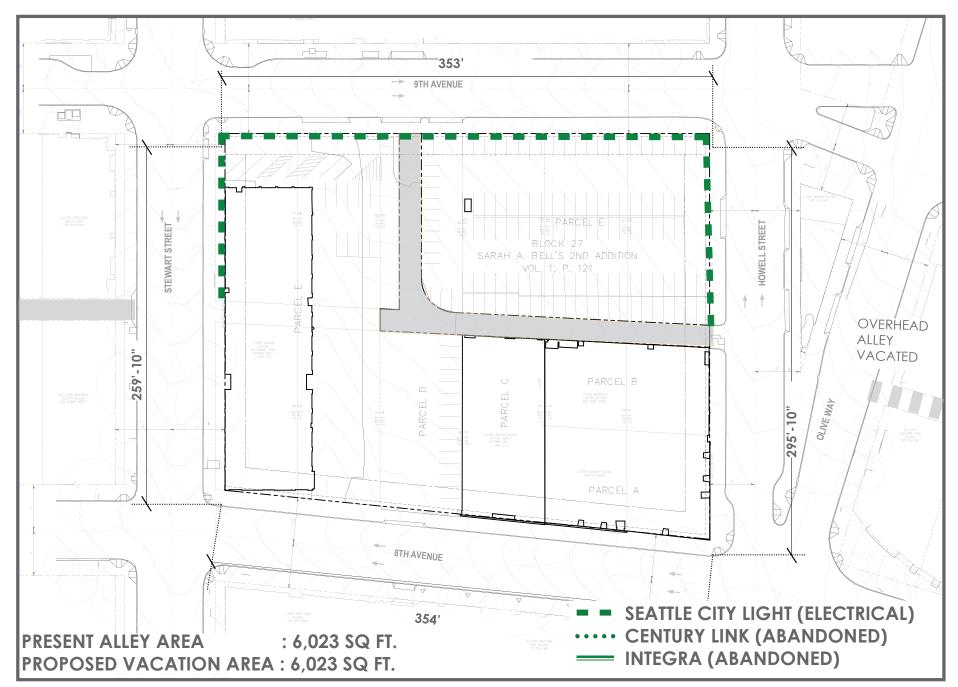


PROJECT SITE: 807 Stewart Street

EXISTING ALLEY CONDITION



RELOCATED UTILITIES



EXISTING ALLEY



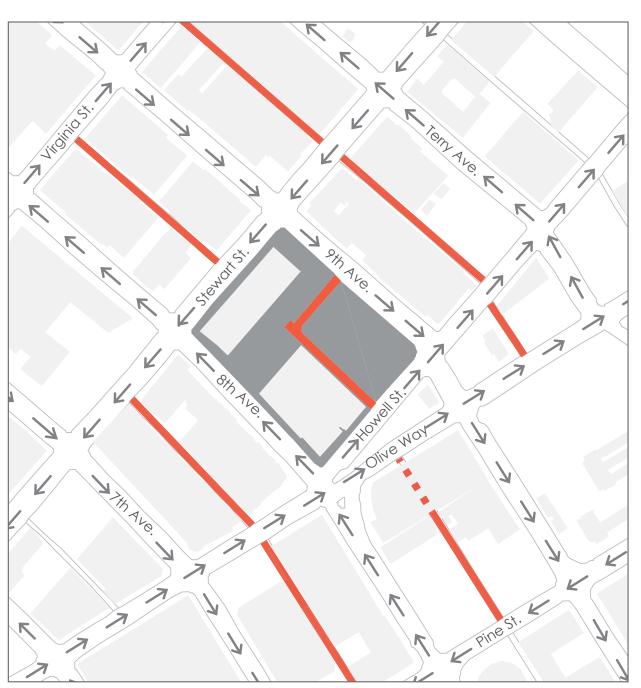
HOWELL ST. LOOKING SOUTH

9TH AVE. LOOKING EAST

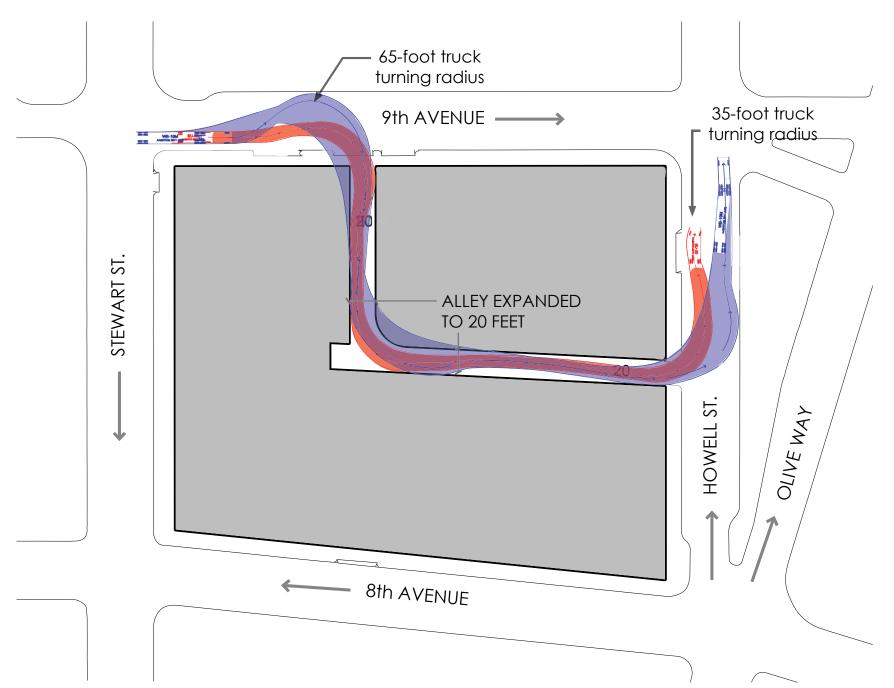
SITE ACCESS



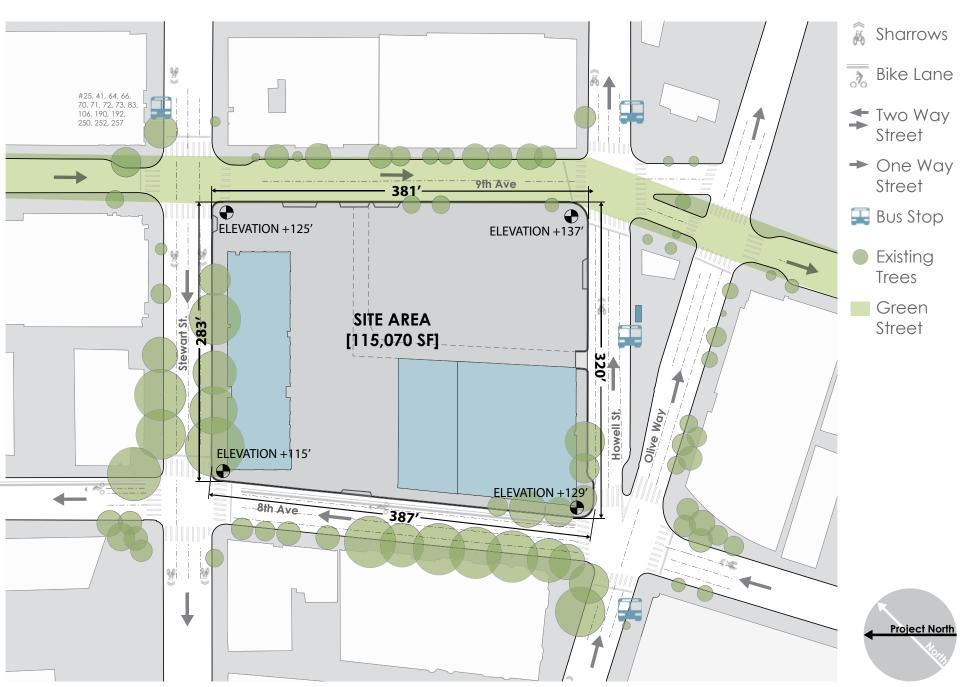
DISCONNECTED LOCAL ALLEY NETWORK



CONSTRICTED TRUCK ACCESS AT ALLEY

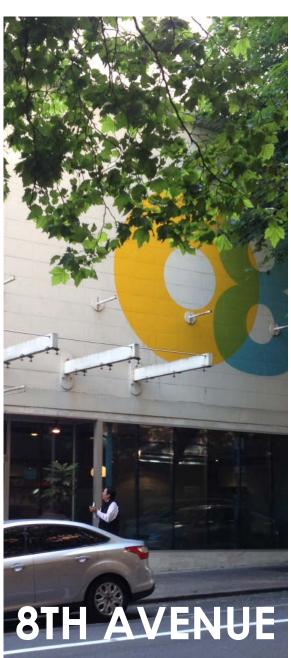


EXISTING STREETSCAPE & OPEN SPACE



EXISTING STREETSCAPE







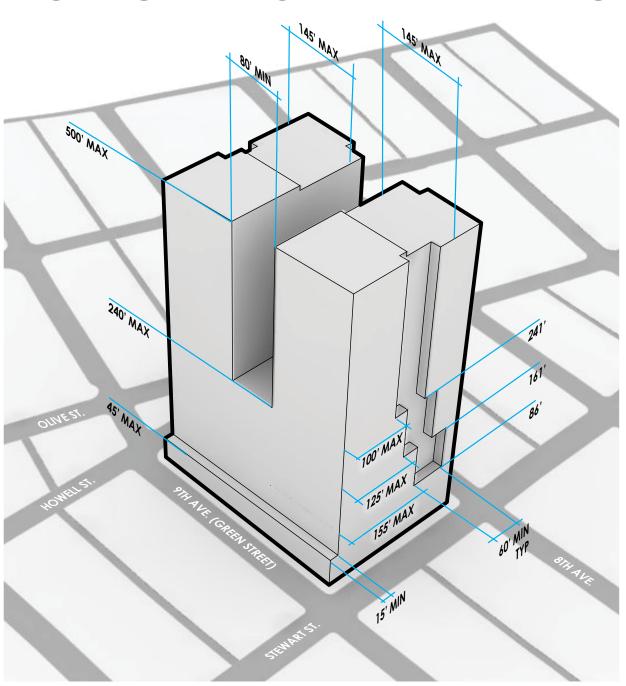
EXISTING STREETSCAPE



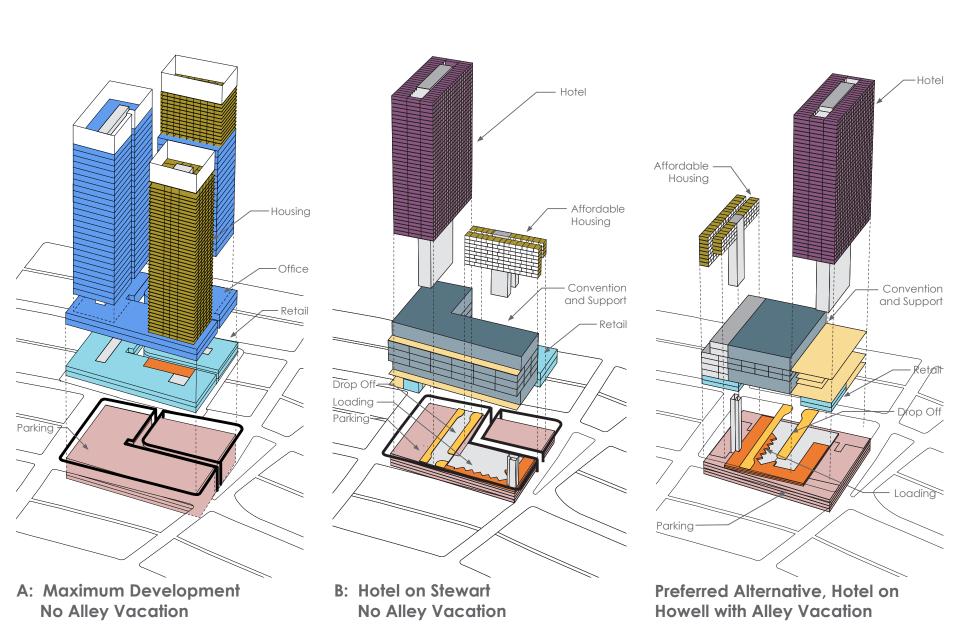
ZONING



MAXIMUM ZONING ENVELOPE WITH ALLEY VACATION

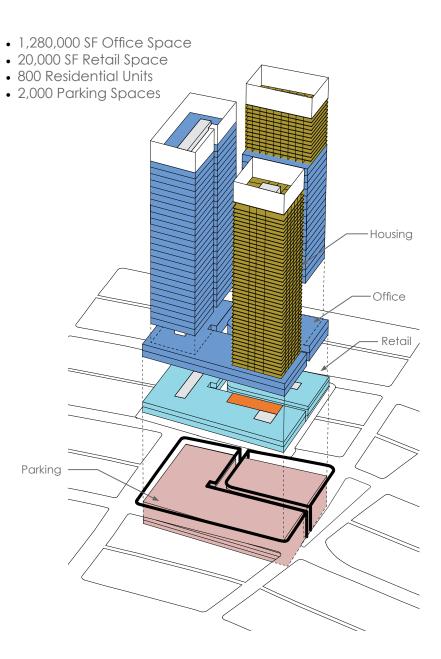


MASSING + PROGRAM ORGANIZATION SCHEMES



NO ALLEY VACATION: ALTERNATIVE A

MAXIMUM DEVELOPMENT

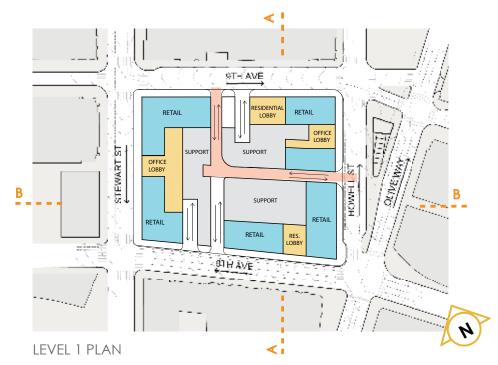


Pros:

Potentially easiest concept to permit

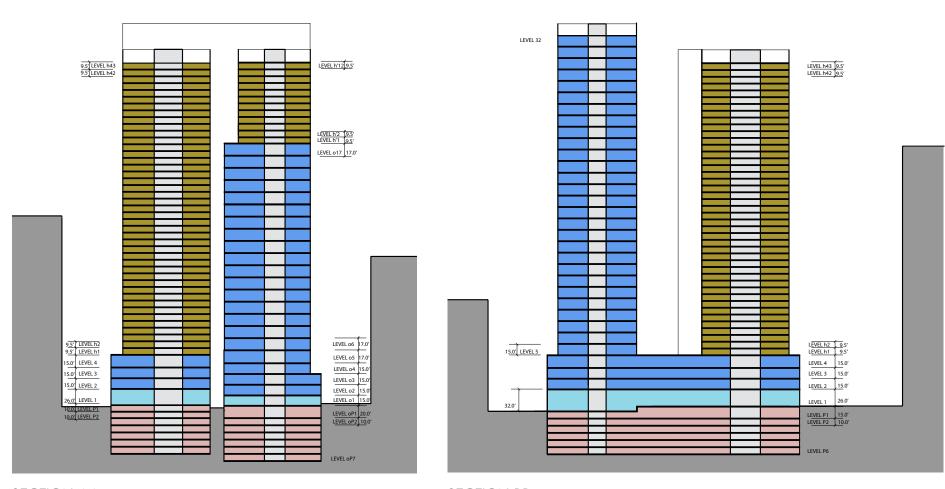
Cons:

- Retains the Howell Street curb-cut
- Requires on-grade truck service
- Diminished active building street edges
- Creates larger shadows on surrounding sites
- Housing sits on Howell St. where the preferable side would be Stewart St. to create a more mixeduse neighborhood
- Breaks down below-grade parking and floor plates, reducing area efficiency



NO ALLEY VACATION: ALTERNATIVE A

MAXIMUM DEVELOPMENT

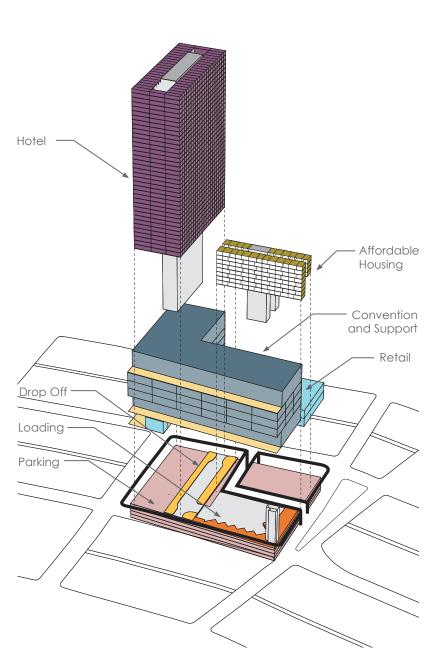


SECTION AA

SECTION BB

NO ALLEY VACATION: ALTERNATIVE B

HOTEL ON STEWART



Pros:

- Potentially easiest concept to permit
- Accommodates passenger drop-off away from street edge

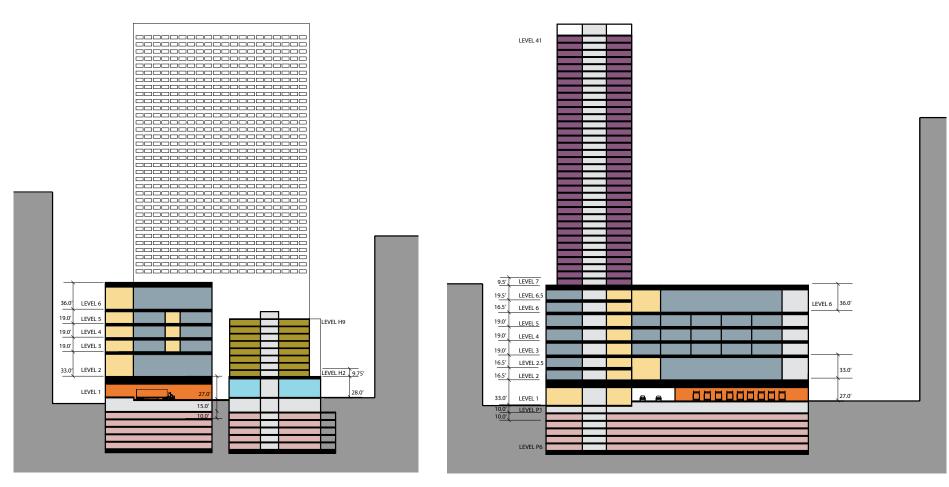
Cons:

- Requires a tall podium massing to accommodate program
- Ideal dimensions for hotel and ballroom not possible
- Retains the Howell Street curb-cut
- Requires on-grade truck service
- Diminishes active building street edges



NO ALLEY VACATION: ALTERNATIVE B

HOTEL ON STEWART



SECTION AA

SECTION BB

NO ALLEY VACATION: ALTERNATIVE B LOADING DOCK SCHEME 9TH AVE PROPERTY LINE LOBBY **RETAIL RETAIL RETAIL LOBBY** S **RETAIL** LOADING SUPP. PORTE COCHERE STEWART LOBBY LOBBY 8 PARKING ENTRY/EXIT HOWELL LOADING DOCK **LOBBY** SUPP. **RETAIL** 8TH AVE

NO ALLEY VACATION: ALTERNATIVE B BALLROOM SCHEME 9TH AVE PROPERTY LINE **LOBBY HOUSING** S STEWARI 8 PARKING ENTRY/EXIT HOWELL PRE-**LOBBY** FUNCTION **BALLROOM SUPPORT** 19000 SF 8TH AVE

NO ALLEY VACATION: ALTERNATIVE B **BALLROOM SCHEME** 9TH AVE PROPERTY LINE **LOBBY** HOUSING S STEWART 2 PARKING ENTRY/EXIT HOWELL **LOBBY** FUNCTION BALLROOM SUPPORT 19000 SF 8TH AVE

NEIGHBORHOOD PLANNING GOALS

LAND USE

Mixed-Use Growth

Create a mixed-use neighborhood that combines commercial office development, retail sales and services, social and public services, and residential households. Denny Triangle Neighborhood Plan: p. 11 Denny Triangle Approval and Adoption Matrix: p.29 Seattle's Comprehensive Plan: DEN-G2

Business/Employment

The Denny Triangle community's vision is to function as a business/employment center as well as a diverse multidimensional residential community.

Denny Triangle Neighborhood Plan: p. 15

Development Incentives

Consider a variety of land use tools, including increased height limits and FAR, design review processes, bonuses for public benefit features and exempting housing and retail space from FAR to stimulate residential and commercial development.

Seattle's Comprehensive Plan: DEN-P4

Green Street Amenity

Encourage residential development along key green streets with specific public amenities such as small parks, improved streetscapes, retail functions and transportation improvements that support both residents and neighborhood employees.

Denny Trianale Neighborhood Plan: p. 11

Housing Enclaves

Nurture residential enclaves along green street couplets along 9th Avenue. Support residential development in the heart of Denny Triangle along quiet tree-lined streets.

Denny Triangle Approval and Adoption Matrix: p. 13

Seattle's Comprehensive Plan: DEN-P6

Street-Level Retail

Encourage, but not require, retail development at street level.

Denny Triangle Approval and Adoption Matrix: p.17

Alley Vacation

Simplify and create a means to expedite the alley vacation process to encourage residential and commercial development.

Denny Triangle Neighborhood Plan: p.10

URBAN FORM

"Sense of Place"

What distinguishes an urban "neighborhood" from the general urban development is providing vital streets – the connective tissue of the community.

Denny Triangle Neighborhood Plan: p. 13

Street Vitality

Street vitality determined by the character, height and scale of building and architectural features; active facades, weather protection, street trees and landscaping; retail and service uses; quality of open space; history and a sense of place.

Denny Triangle Neighborhood Plan: p. 11

Street Trees

Install street Trees throughout the neighborhood.
Denny Triangle Neighborhood Plan: p. 14
Denny Triangle Approval and Adoption Matrix: p.26

Develop Green Streets

Development could include widening and landscaping of sidewalks, development of "common thread" streetscape elements such as street furniture, street lights, paving, banners, signage and public art to tie the area together with unique character.

Denny Triangle Neighborhood Plan: p. 17 Denny Triangle Approval and Adoption Matrix: p.14

Public Art

Gateway elements, such as public art, are important and give identity to the neighborhood.

Denny Triangle Neighborhood Plan: p. 14

Denny Triangle Approval and Adoption Matrix: p.16

Olive/Howell Wedge Park

Encourage redevelopment of small triangular parcels as neighborhood gateways.

Seattle's Comprehensive Plan: DEN-P8

Open Space

Encourage the creation of new open spaces at the Olive/ Howell wedge. Designate the triangle of land bordered by Howell, Olive, and Terry for future land purchase by the City for developing it into a park linked to the Convention Center Project and tied to the "Residential Enclaves and the green streets at 9th and Terry".

Seattle's Comprehensive Plan: DEN-P9 Denny Triangle Neighborhood Plan: p. 7

TRANSPORTATION

Pedestrian Green Streets

Implement strategies to slow traffic, and encourage pedestrians on the designated streets.

Denny Triangle Neighborhood Plan: p. 10

Improve Pedestrian Crossings on Arterial Corridors

Identify locations for curb bulbs, widening paving, midblock refuges and medians; encourage use of protective street parking configurations, pedestrian signals and other pedestrian safety devices and crossings.

Denny Triangle Neighborhood Plan: p. 20

Denny Triangle Approval and Adoption Matrix: p.14

The Olive/Howell wedge can serve as a valuable green island for pedestrians crossing from the Convention Center Station at the 9th Avenue/Terry Avenue Green Streets.

Denny Triangle Neighborhood Plan: p. 15

HOUSING

Growth

Support growth targets for downtown and the City and provide housing for a mix of age, income, and life styles that is safe, healthy, and produces a quality of environment with distinctive character.

Denny Triangle Neighborhood Plan: p. 10

Mixed-Use

Encourage a mix of low, moderate and market-rate affordable housing throughout the neighborhood, incorporated into projects that mix commercial and residential development within the same projects. Seattle's Comprehensive Plan: DEN-P5

Stimulate Housing Development

Institute amendments to the underlying zoning and adjustments to the Downtown Bonus system to stimulate housing development, both in identified residential enclaves, and in mixed-use projects throughout the neighborhood.

Denny Triangle Approval and Adoption Matrix: p. 4 Seattle's Comprehensive Plan: DEN-P2

Moderate-Income Housing

Since the Denny Triangle currently contains only low-income or low-moderate income housing, the plan focuses on strategies to incentivize all housing, primarily moderate-income housing.

Denny Triangle Neighborhood Plan: p. 8

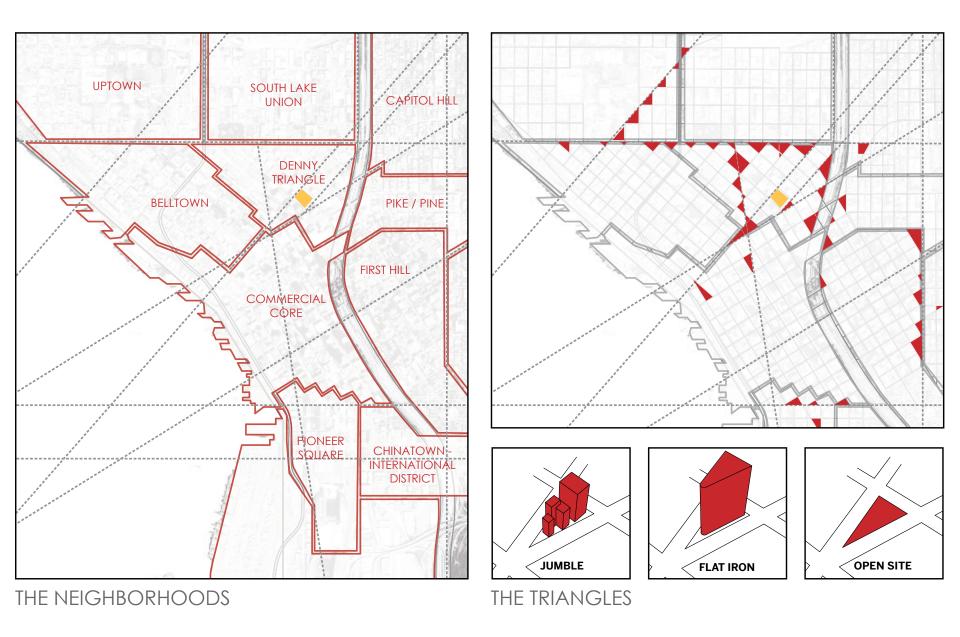
URBAN FORM ANALYSIS



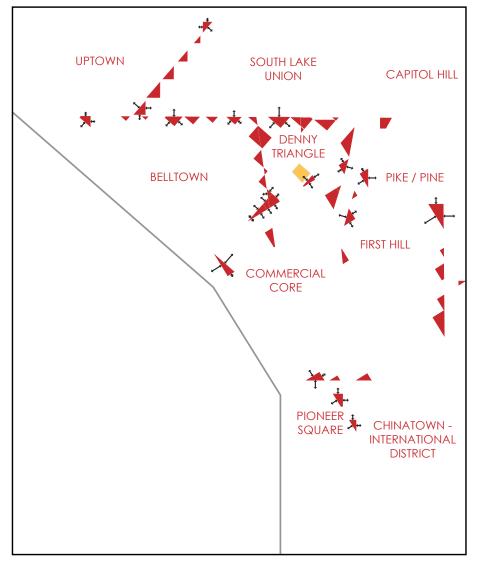
ALIGNMENT TO WATERFRONT

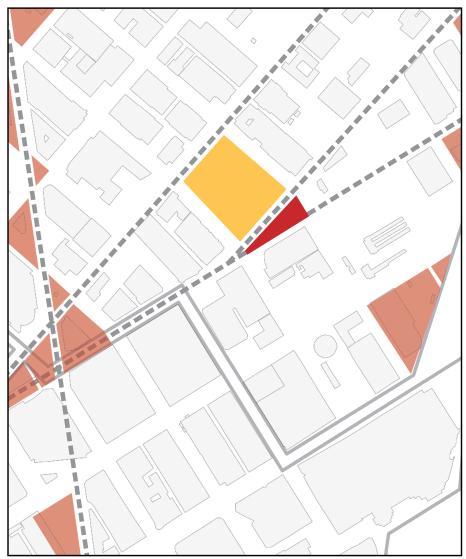
SHIFTS IN THE CITY GRID

URBAN FORM ANALYSIS



URBAN FORM ANALYSIS





NEIGHBORHOOD IDENTITY & CONNECTIONS

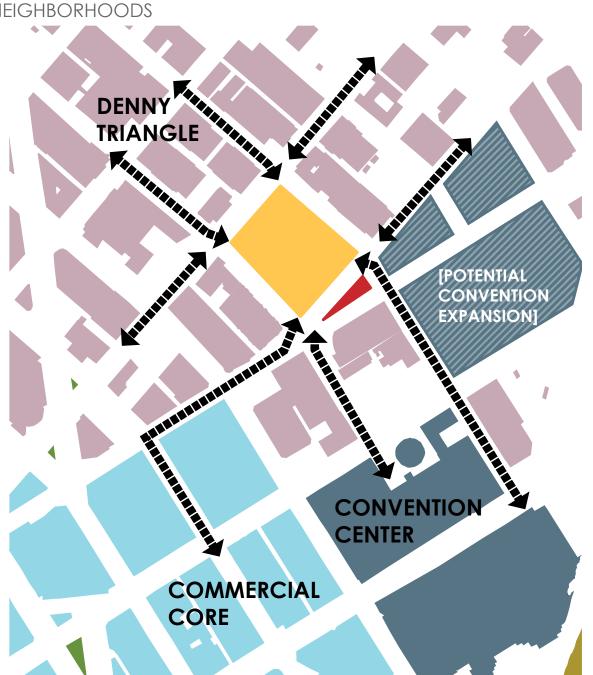
THE OLIVE & HOWELL TRIANGLE

GREEN STREET NETWORK AND PARCEL PARK EXISTING 9TH AVENUE MISALIGNMENT Boren Ave. Jididst. Pont Are. Westlake Ave sternet st. Sth ALO. OliveMay SKN ALO. HON TO SEE -15 ALO: OK TLO Pinest.

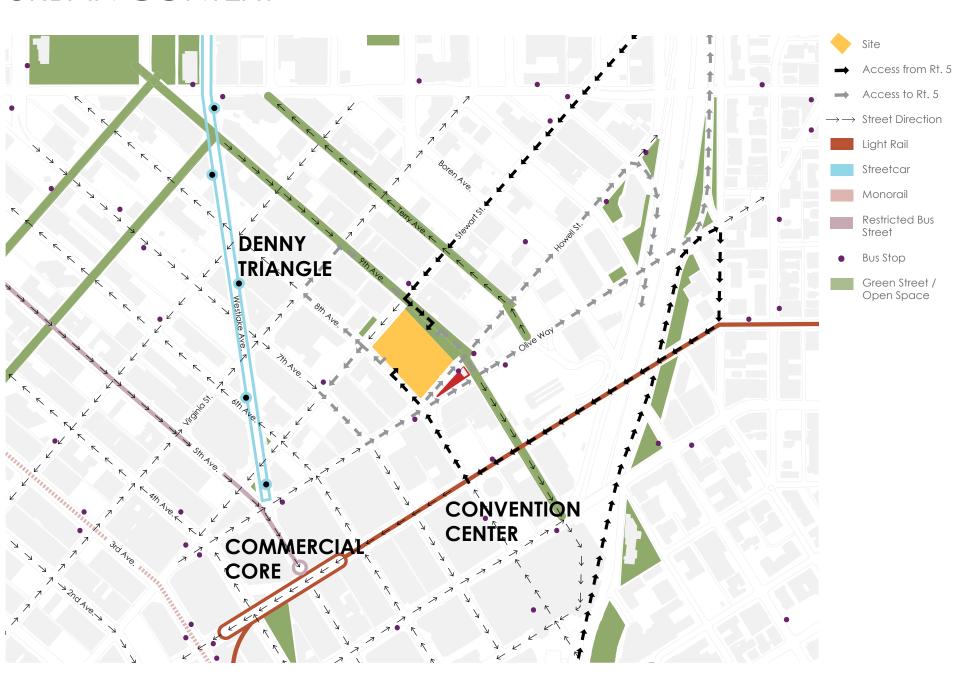
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THE URBAN NETWORK

INTERSECTION OF NEIGHBORHOODS



URBAN CONTEXT



DESIGN CHALLENGES OF LARGE URBAN HOTELS

TRUCK SERVICE

Challenge

The required loading dock and associated truck maneuvering space is often provided at grade. This arrangement causes significant traffic disruption, blank walls, along the street edge, and noisy operations at street level.

Solution

The entire truck service is located below grade.

DESIGN CHALLENGES OF LARGE URBAN HOTELS

BACK OF HOUSE OPERATIONS

Challenge

Substantial back of house operations such as laundry, housekeeping, and storage which are frequently located behind blank walls at street level.

Solution

Back of house operations located below and above grade - not at street level.

DESIGN CHALLENGES OF LARGE URBAN HOTELS

DROP-OFF

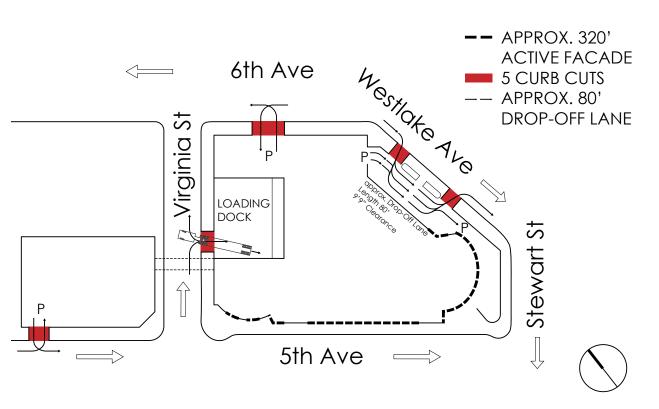
Challenge

The drop-off function serves a variety of needs, including tour buses, shuttles, taxis, and cars. Its use varies considerably over the day and times of the year. At times it is heavily loaded with buses and other vehicles. At other times the use may be very light. The common approach is to create a large, multi lane porte cochere along the street edge. This creates a dismal pedestrian experience both when it is loaded with vehicles as well as when it is mostly empty.

Solution

Drop-off functions provided in 2-way shared use connector.

SEATTLE WESTIN





- LOW CLEARANCE IN DROP-OFF/PORTE COCHERE
- LACK OF PROGRAM AT DROP-OFF
- DROP-OFF PARALLEL TO SIDEWALK UNPLEASANT FOR PEDESTRIANS



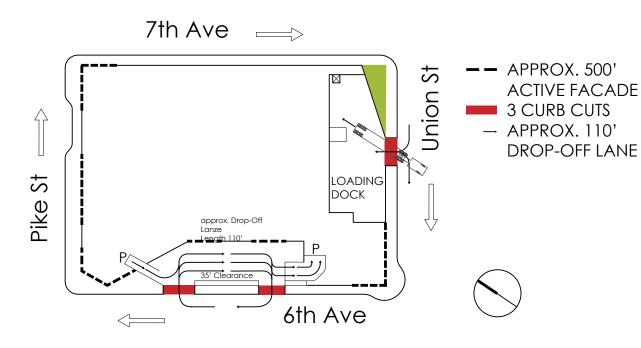
Main Entrance, 5th Ave and Stewart St



Porte Cochere Entry/Exit, Westlake Ave



SEATTLE SHERATON



- MAJORITY OF STREET-LEVEL FACADE IS OPAQUE
- LACK OF PROGRAM AT DROP-OFF
- DROP-OFF PARALLEL TO SIDEWALK AND AGAINST TRAFFIC FLOW OF 6TH AVE UNPLEASANT FOR PEDESTRIANS



Porte Cochere Entry/Exit, 6th Ave



Porte Cochere, 6th Ave



7th Ave and Union St

PEER FACILITIES

LOS ANGELES JW MARRIOTT - LA LIVE



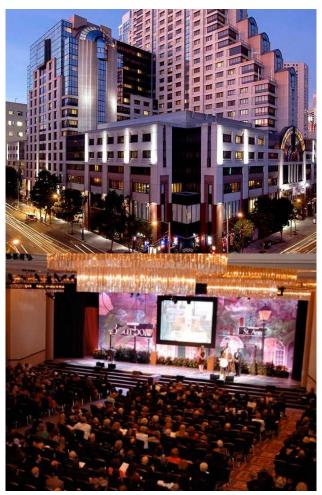
- 878 Keys
- 100,000 SF meeting space
- 25,000 SF Large Ballroom

SAN DIEGO BAYFRONT HILTON



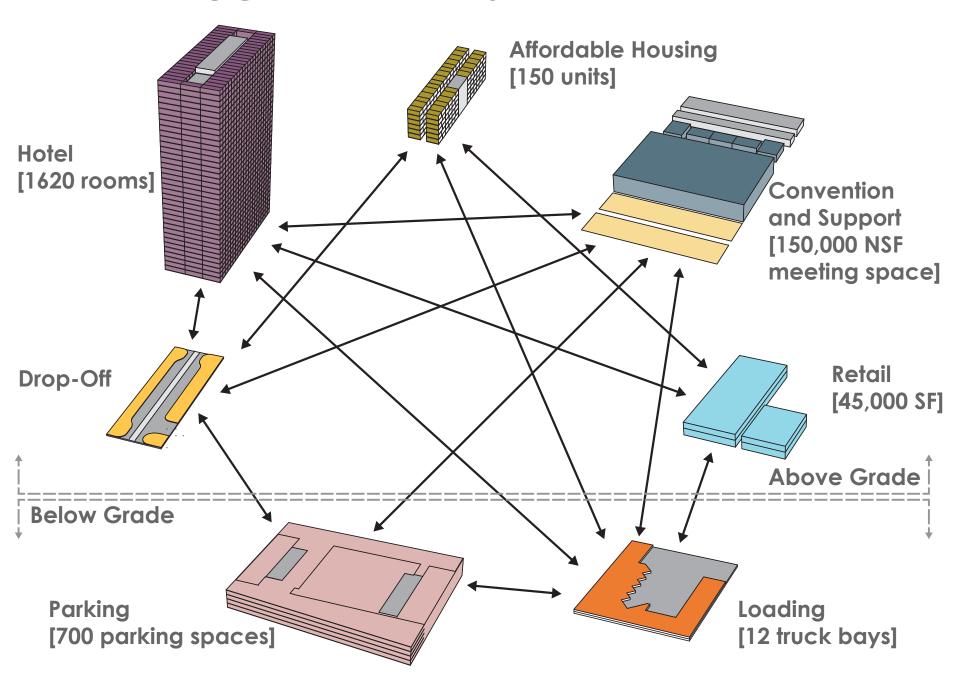
- 1200 Keys
- 165,000 SF meeting space
- 34,000 SF Large Ballroom

SAN FRANCISCO MARRIOTT MARQUIS



- 1499 Keys
- 117,000 SF meeting space
- 39,000 SF Large Ballroom

PRIMARY PROGRAM ELEMENTS



HOTEL ON HOWELL WITH ALLEY VACATION



• 70,000 SF Meeting Room Space

(2) 19,000 SF Ballrooms
150 Affordable Housing units

 45,000 SF Retail/ Restaurants

• 700 Parking Spaces

Parkina

• 9 Loading Bays

Affordable Housing



Hotel

Convention and Support

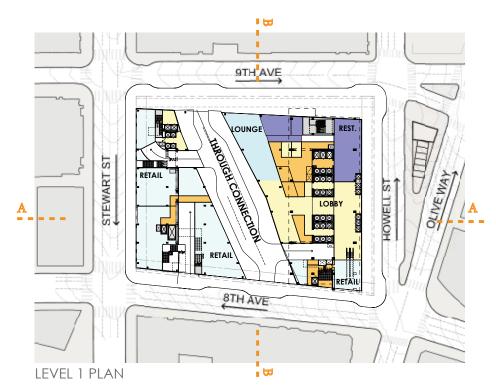
Drop Off

Retail

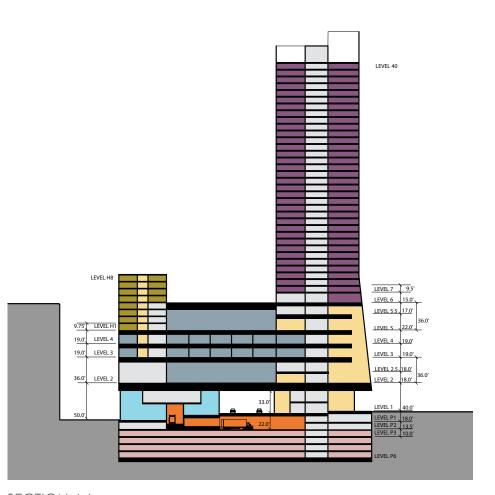
- Lifted podium enables open ground level
- Tower at Howell Street scaled appropriately to context
- Hotel identity on Howell street more visible from convention and retail core
- Housing at Stewart Street edge connected to Denny Triangle Neighborhood
- Southern tower location minimizes shading to surrounding neighborhood

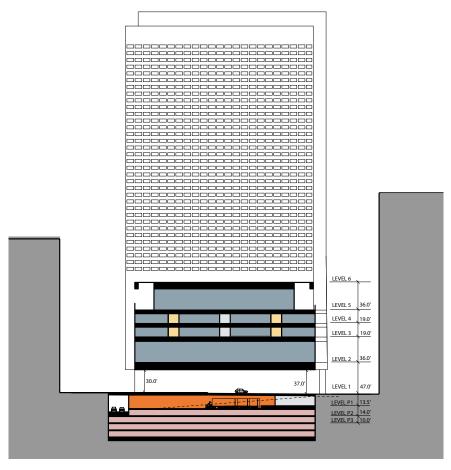
Cons:

Taller podium



HOTEL ON HOWELL WITH ALLEY VACATION

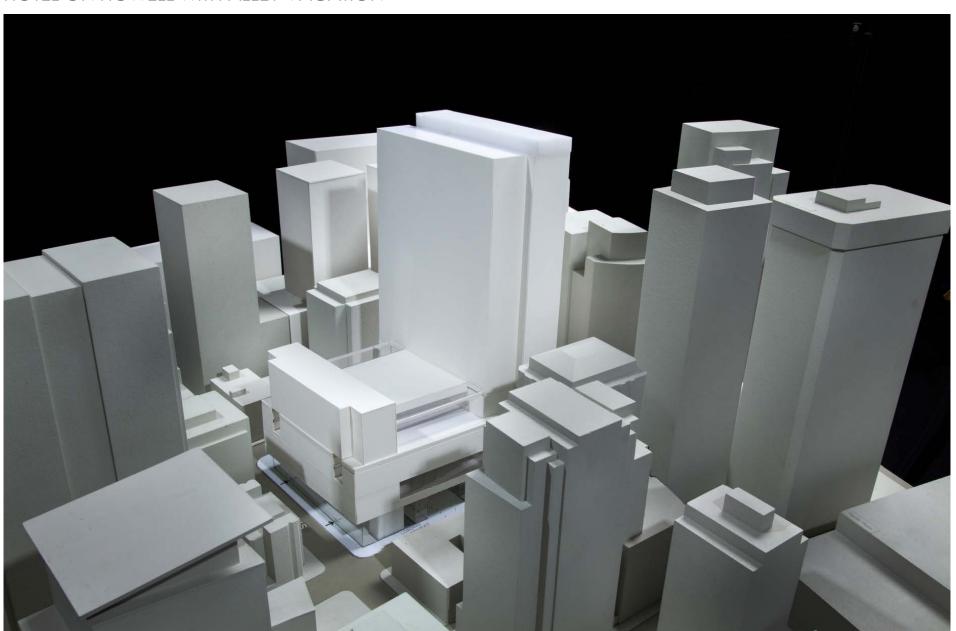




SECTION AA

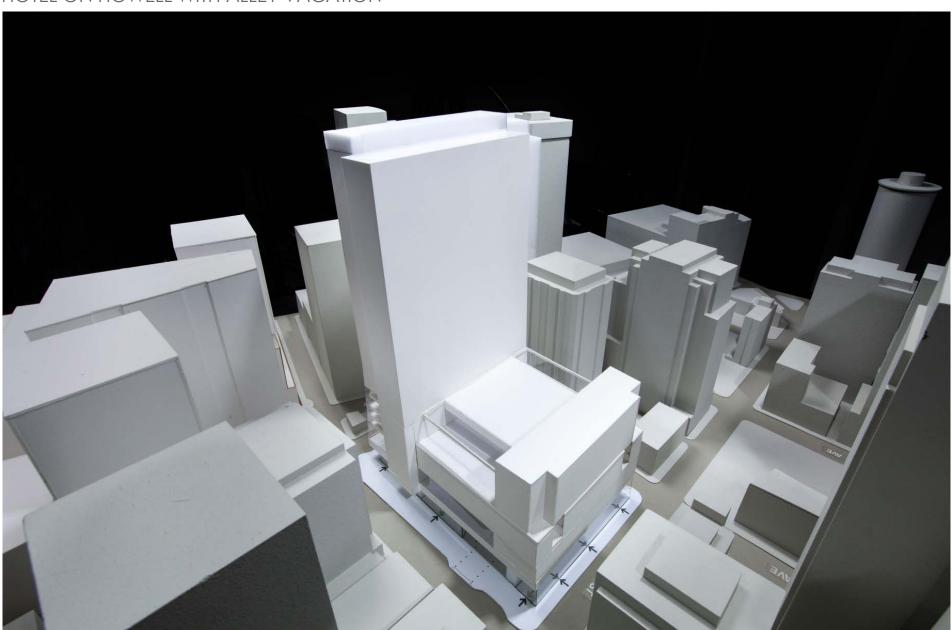
SECTION BB

HOTEL ON HOWELL WITH ALLEY VACATION



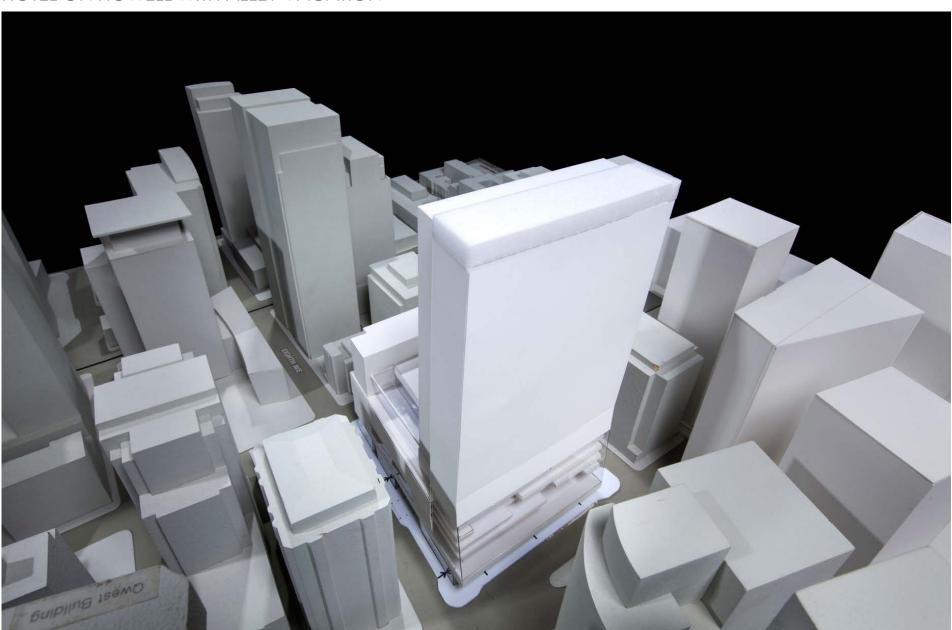
VIEW FROM 8TH + STEWART

HOTEL ON HOWELL WITH ALLEY VACATION



VIEW FROM 9TH + STEWART

HOTEL ON HOWELL WITH ALLEY VACATION



VIEW FROM 8TH + OLIVE

BUILDING MASSING



The thin profile of the tower as viewed from Capitol Hill



The sheer profile of the tower as viewed from Queen Anne



View from South Lake Union Park



VIEW FROM 8TH AVENUE AT OLIVE WAY



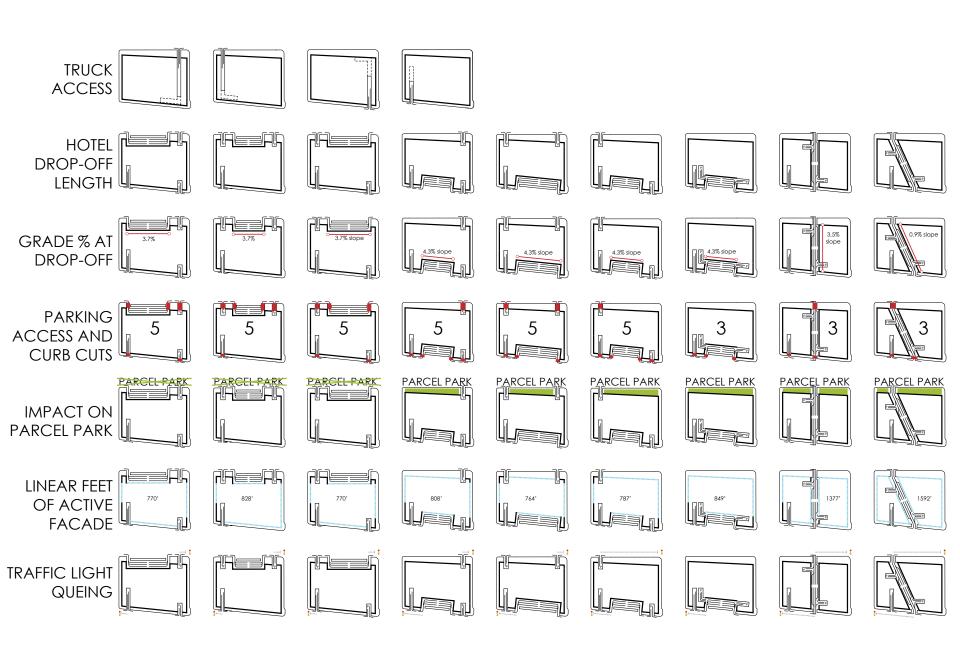
VIEW ALONG 9TH AVENUE GREEN STREET PARCEL PARK



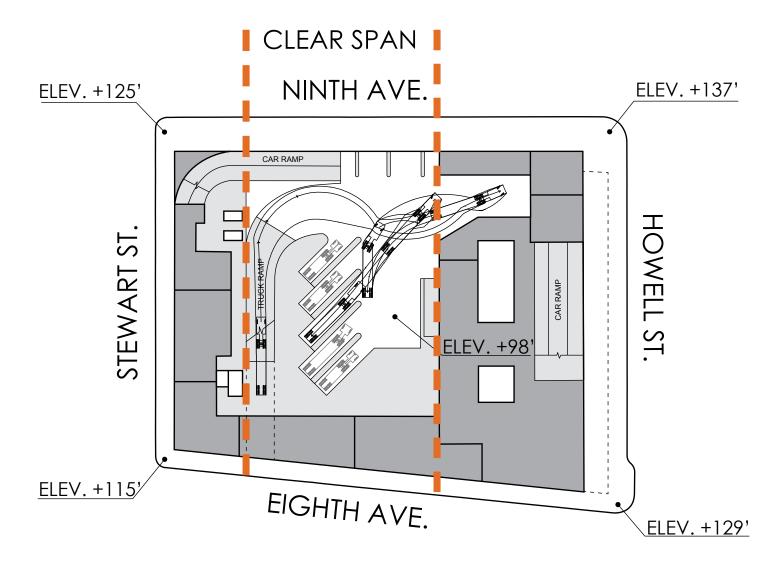
VIEW FROM 9TH AVENUE AND STEWART STREET



SUMMARY OF EXPLORED OPTIONS



TRUCK LOADING DOCKS AND SERVICE BELOW-GRADE

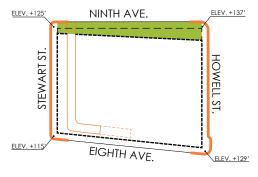


- Truck docks and maneuvering space provided in below-grade truck service area
- Truck service area located to avoid columns from long span structure above

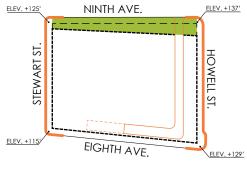
TRUCK ACCESS

ELEV. +125' NINTH AVE. ELEV. +137' HOWELL ST. EIGHTH AVE. ELEV. +129'

NOT RECOMMENDED

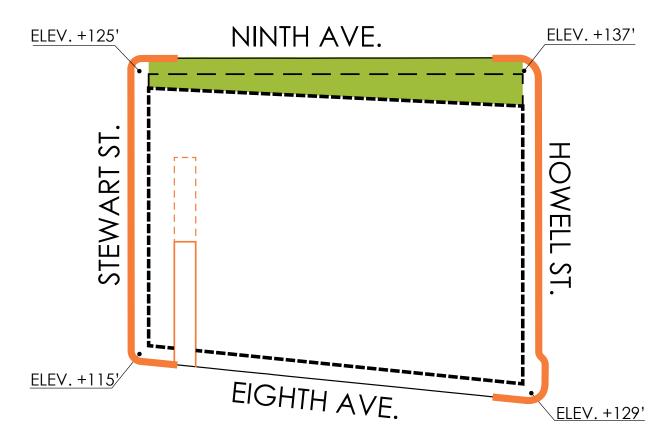


NOT RECOMMENDED



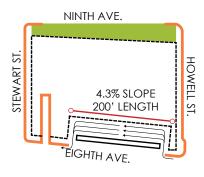
NOT RECOMMENDED

RECOMMENDED

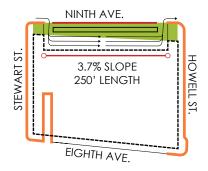


- Requires the minimum ramp length and disruption of the ground floor
- Does not compromise the Green Street Parcel Park

HOTEL DROP-OFF



NOT RECOMMENDED

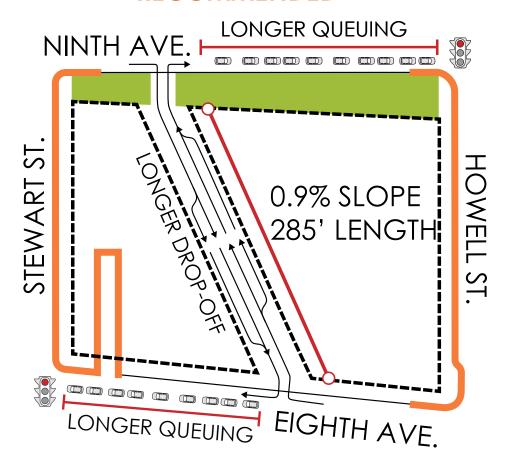


NOT RECOMMENDED



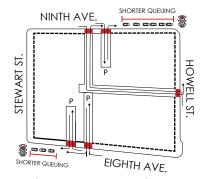
NOT RECOMMENDED

RECOMMENDED

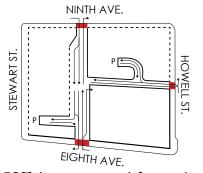


- Arriving and departing traffic is dispersed
- Minimizes impact on pedestrian experience along perimeter
- Direct curb access for entire length of drop-off
- Allows longer, contiguous parcel park footprint
- Minimizes grade change along length of drop-off
- Allows longer traffic light queing

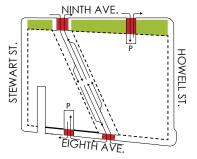
PARKING, CURB CUTS, AND GROUND LEVEL EXPERIENCE



91% transparent facade NOT RECOMMENDED

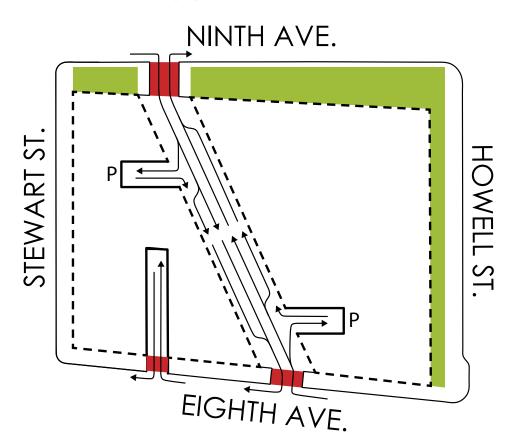


52% transparent facade NOT RECOMMENDED



86% transparent facade NOT RECOMMENDED

RECOMMENDED



- 98% transparent facade
- Open space opportunity at 9th Ave. green street and Howell St.
- Internalized parking minimizes curb cuts
- Allows queing at garage access points
- Garage entries function well with drop-off and valet parking
- Flexibility to arrive and depart from both 8th and 9th Ave provides maximum opportunity to disperse traffic

COMPARATIVE CASE STUDIES

LARGE HOTEL OPERATIONAL FUNCTIONS

6th Ave 4 Store ALO 9th Ave ⇒ 7th Ave => \leftarrow .Virginia Stewart St LOADING DOCK Howell St Pike St Stewart St Jnion St RAMP TO BELOW GRADE LOADING 5th Ave

SEATTLE SHERATON

- Approx. 80' Drop-off Lane
- 5 Curb cuts

SEATTLE WESTIN

• Approx. 320' Active Pedestrian Facade

• Approx. 110' Drop-off Lane

6th Ave

- 3 Curb cuts
- Approx. 500' Active Pedestrian Facade

- 285' Drop-off Lanes
- 3 Curb cuts

9TH & STEWART

• 1460' Active Pedestrian Facade

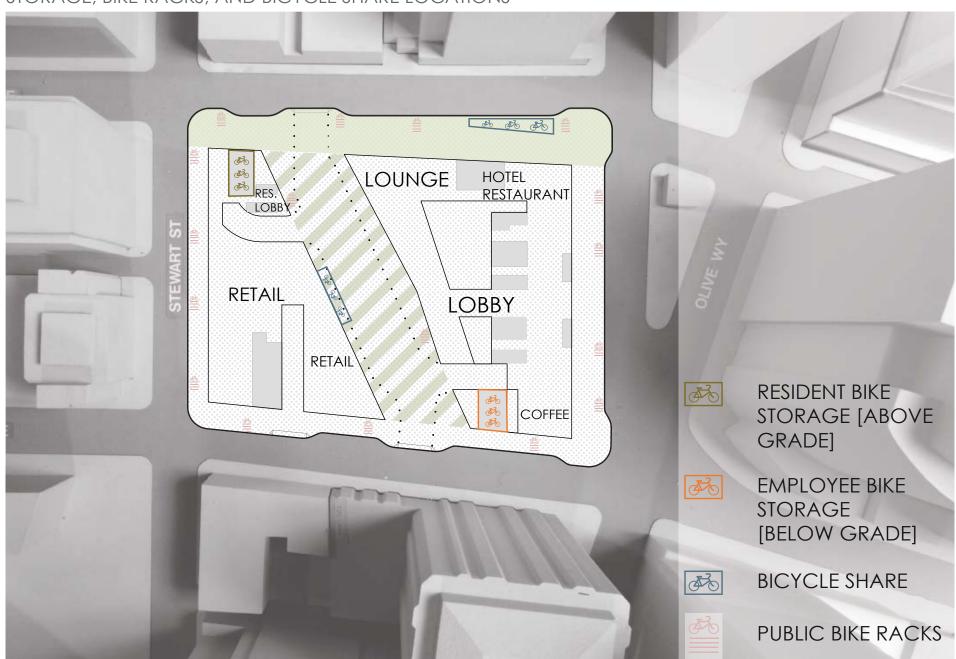
8th Ave

GROUND FLOOR ORGANIZATION

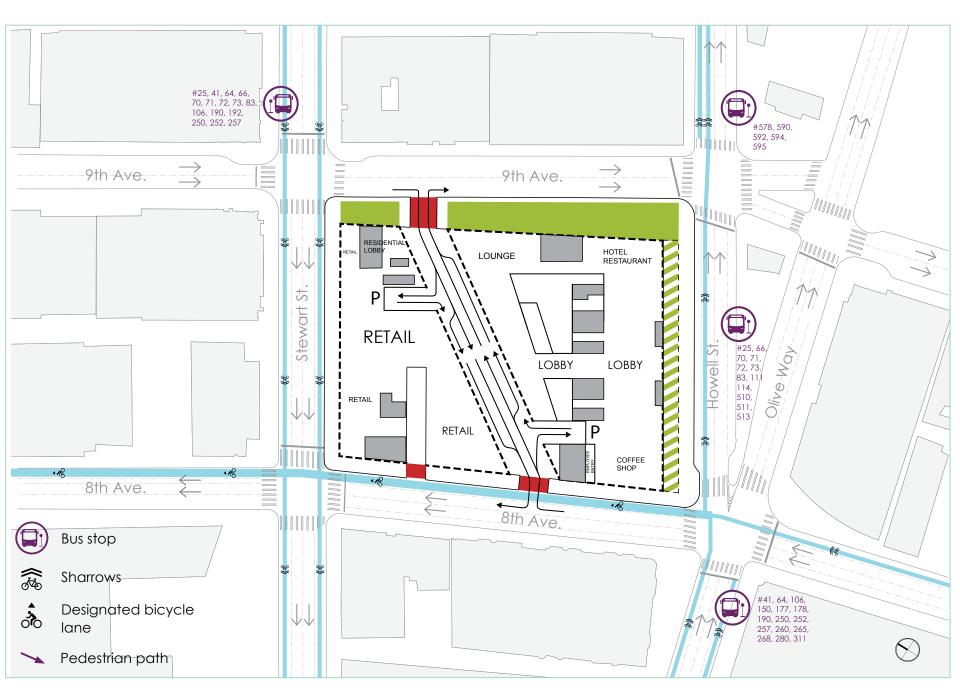


BIKE FACILITIES

STORAGE, BIKE RACKS, AND BICYCLE SHARE LOCATIONS



NEIGHBORHOOD TRANSIT AND BIKE ACCESS



PEDESTRIAN CIRCULATION



SITE PLAN

- 1 9th Ave Green Street Parcel Park
- 2 Howell Street Setback / Streetscape
- 3 8th Ave Streetscape
- 4 Stewart Streetscape
- 5 Through-Block Connection / Porte Cochere



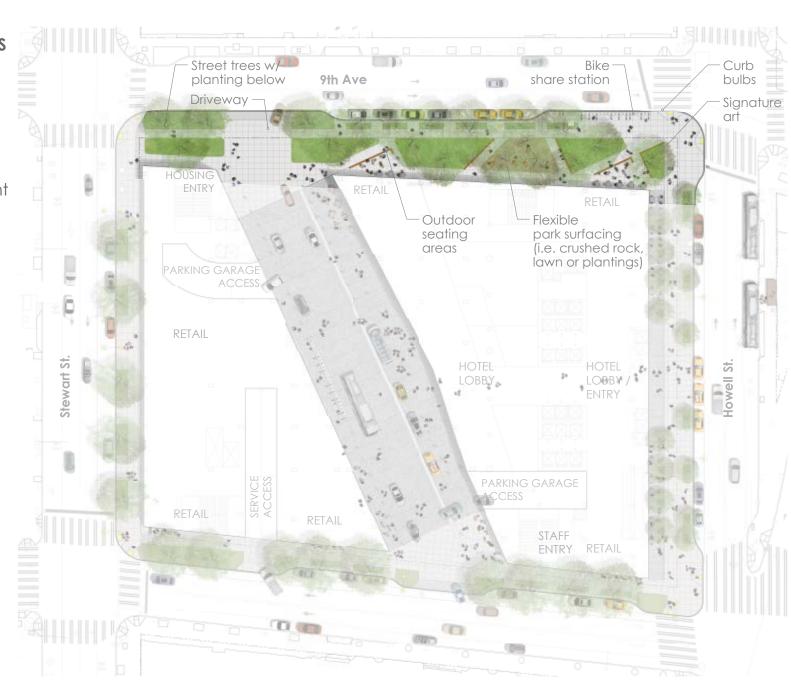
• 9TH AVENUE GREEN STREET PARCEL PARK

PROGRAM ELEMENTS

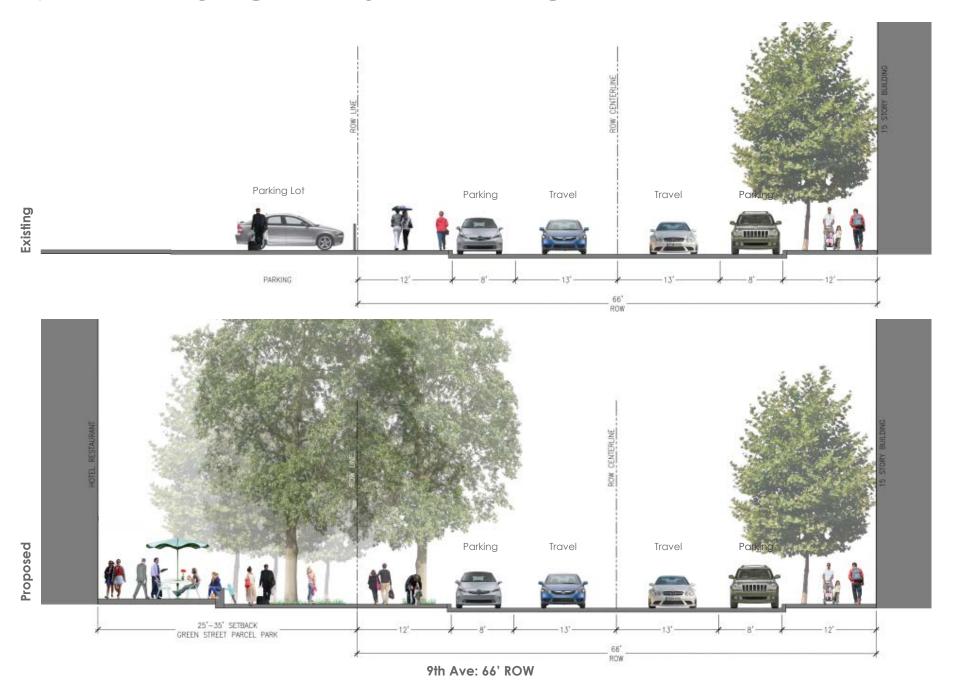
- Seating / gathering spaces
- Signature art opportunities
- Lighting
- Outdoor seating areas for adjacent retail uses
- Bike share station
- Curb bulb-outs at intersections
- Coffee / food carts
- Generous landscaping opportunities

ADDED

- Staff entry
- Residential entry
- Distributed parking entries



• 9TH AVENUE GREEN STREET PARCEL PARK



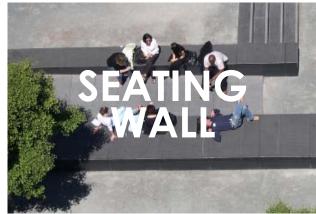
• 9TH AVENUE GREEN STREET PARCEL PARK

reference images for possible design features















VIEW ALONG 9TH AVENUE GREEN STREET PARCEL PARK



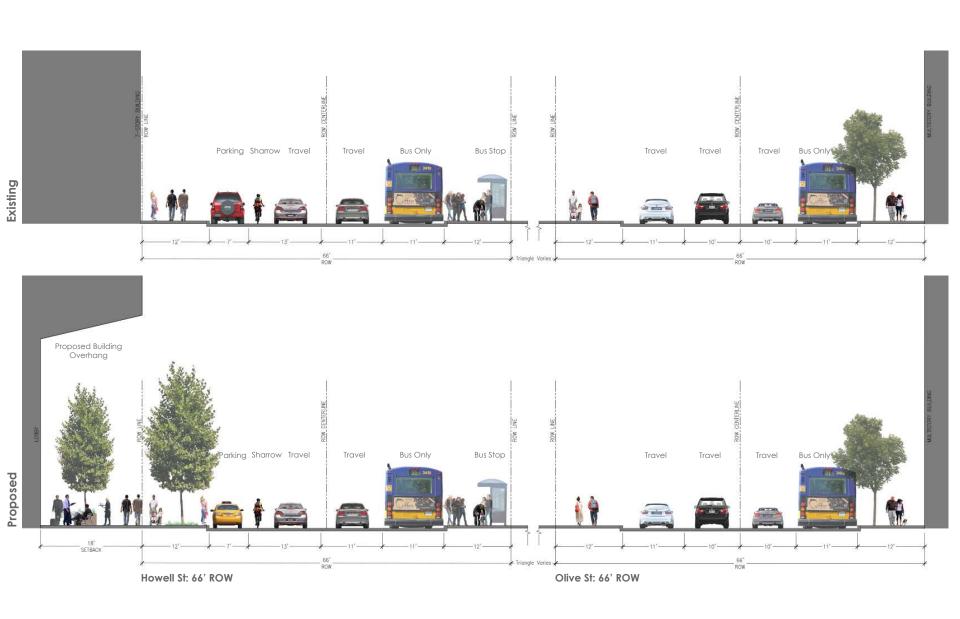
O HOWELL STREET

PROGRAM ELEMENTS

- Widened sidewalk area
- Additional landscape areas
- Seating within ROW
- Curb bulb-outs at Intersections
- Signature art opportunities
- Lighting
- Outdoor seating areas for adjacent retail uses



O HOWELL AND OLIVE STREET



O HOWELL STREET

reference images for possible design feature













VIEW FROM 8TH AVENUE AT OLIVE WAY



9+48TH AVENUE AND STEWART STREET

PROGRAM ELEMENTS

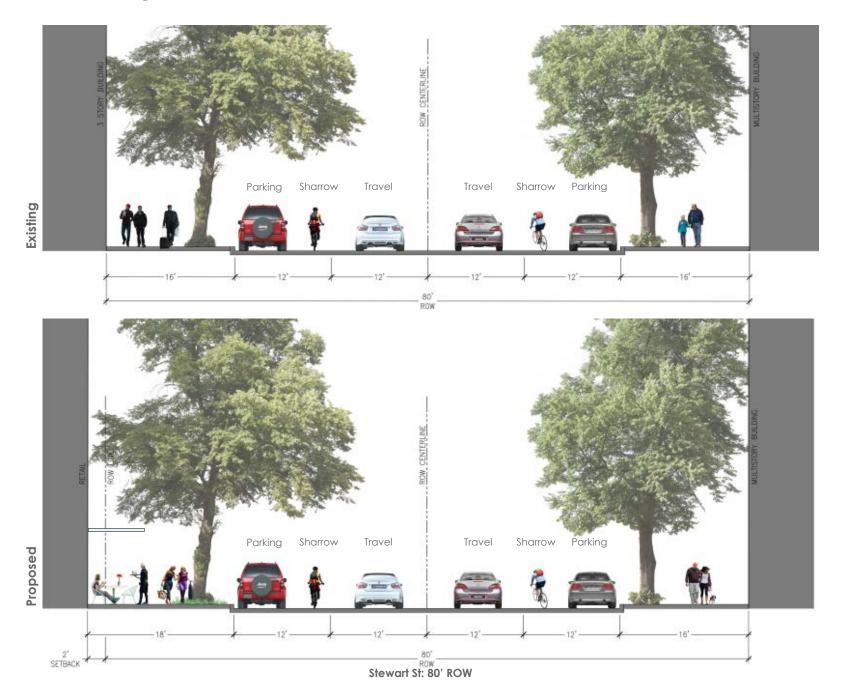
- Widened sidewalk area
- Additional landscape areas
- Seating within ROW
- Curb bulb-outs at Intersections
- Lighting
- Outdoor seating areas for adjacent retail uses
- Overhead canopies



38TH AVENUE



STEWART STREET



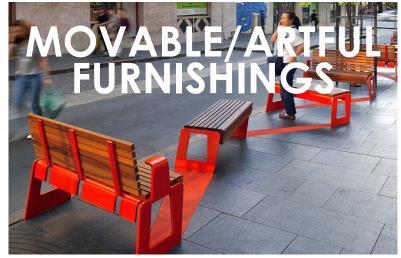
9+48TH AVENUE AND STEWART STREET

reference images for possible design features









VIEW FROM 9TH AVENUE AND STEWART STREET



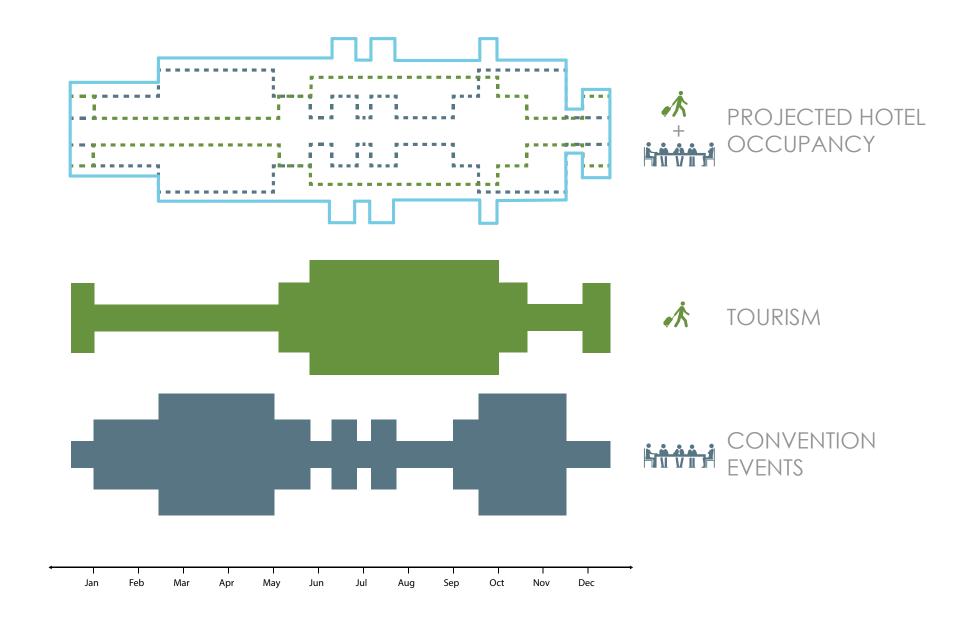
5 THROUGH-BLOCK CONNECTION

PROGRAM ELEMENTS

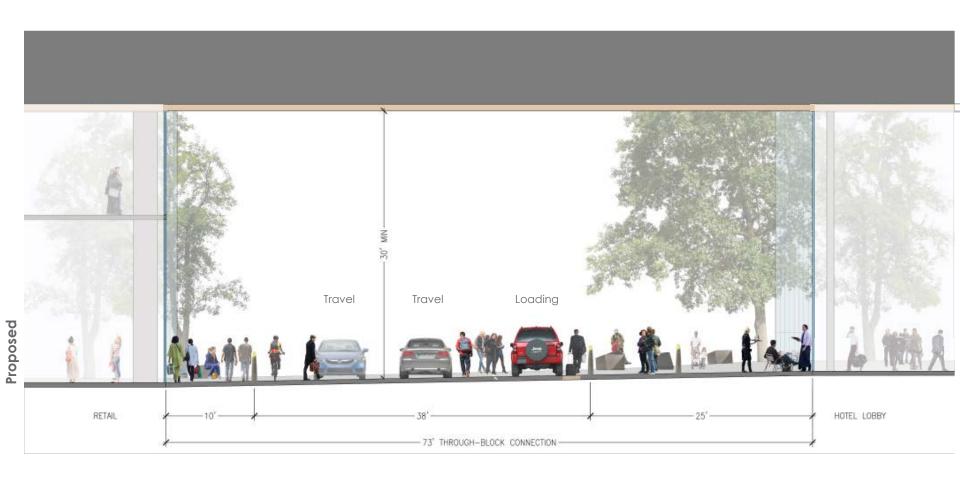
- Hotel Entry / Lobby
- Retail uses
- Seating elements
- Signature art
- Lighting
- Bike share station
- Vehicle drop-off
- Parking garage entries



CONVENTION AND TOURISM OCCUPANCY PATTERNS



THROUGH-BLOCK CONNECTION



5 THROUGH-BLOCK CONNECTION

FUNCTIONALITY



Pedestrians and Cars co-mingle: Pike Place Market [Seattle]



Queen Street Mall [Brisbane]



Porte Cochère



Campo dei Fiore [Rome]



Exhibition Street [London]

5 THROUGH-BLOCK CONNECTION

REFERENCE IMAGES FOR POSSIBLE DESIGN FEATURES

















Drop offFlexible use

Pedestrian

- - Vehicular

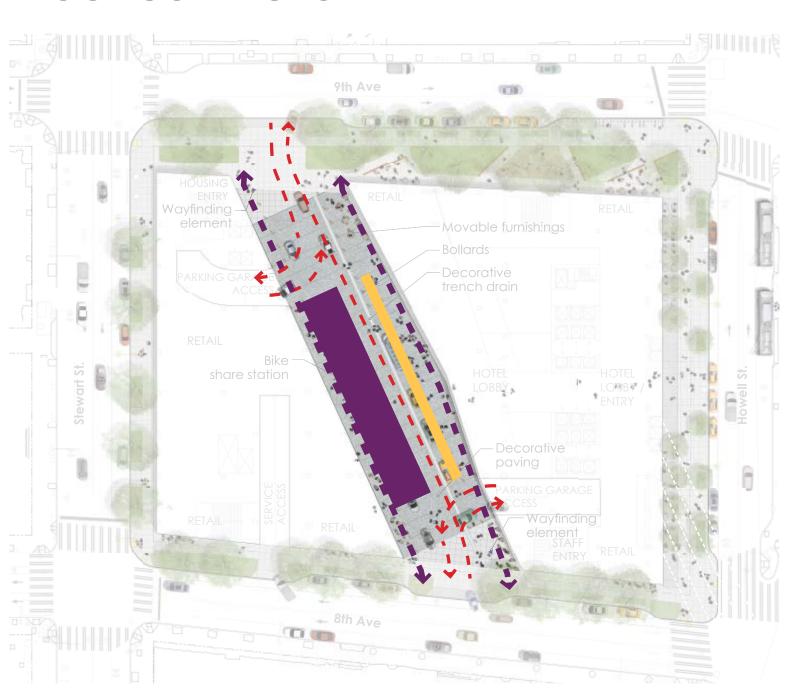


Drop offFlexible usePedestrian

Vehicular

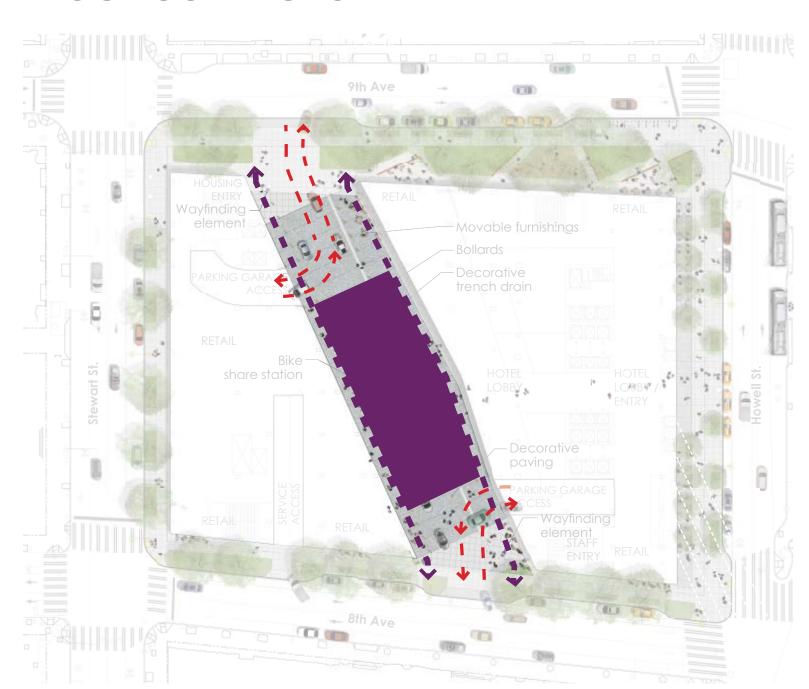
9th Ave THE Wayfinding Stewart St - 8th Ave

- Drop offFlexible use
- Pedestrian
- - Vehicular



Drop offFlexible usePedestrian

Vehicular



MORNING AIRPORT SHUTTLE DEPARTURES AND NEIGHBORHOOD ACTIVITIES



VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

CONVENTION EVENT



VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

MIDDAY LUNCH WITH FOOD TRUCKS



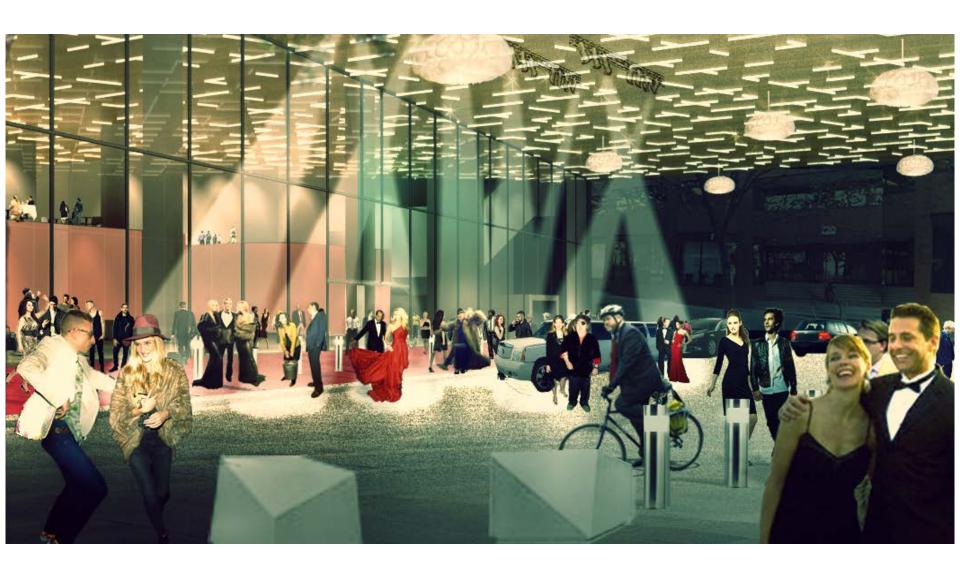
VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

RED CARPET EVENT



VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

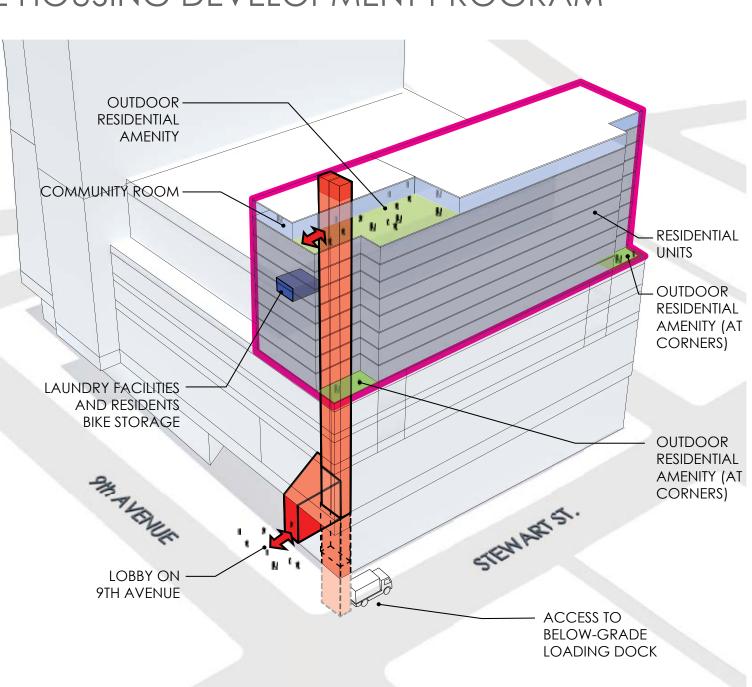
RED CARPET EVENT



VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

AFFORDABLE HOUSING DEVELOPMENT PROGRAM

- LOBBY ON 9TH AVE.
- RESIDENTIAL UNITS
- OUTDOOR AMENITIES
- INDOOR COMMUNITY ROOM
- LAUNDRY FACILITIES
- BIKE STORAGE ROOM
- ACCESS TO BELOW GRADE LOADING DOCK



AFFORDABLE HOUSING PLANS

FLOOR PLANS

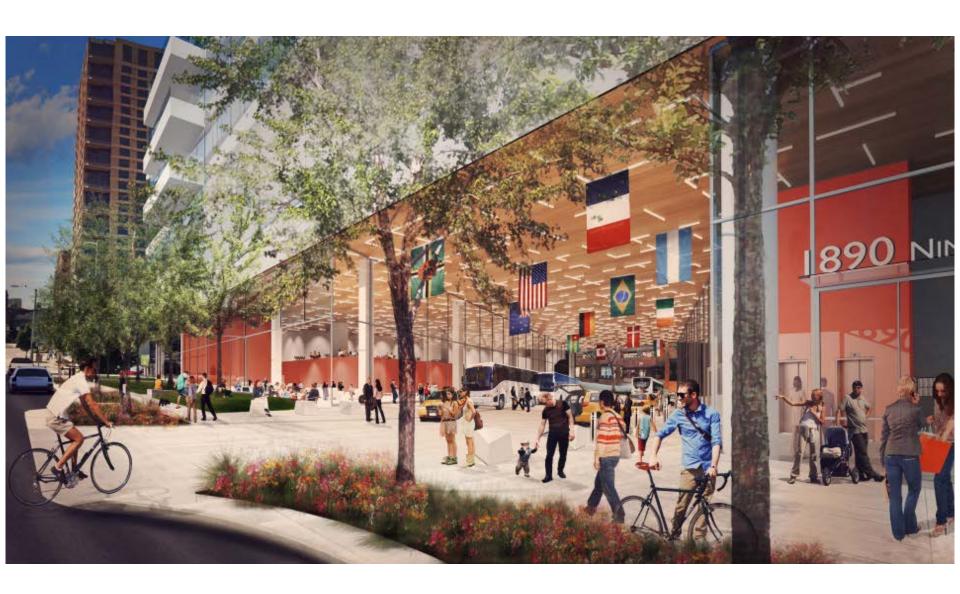






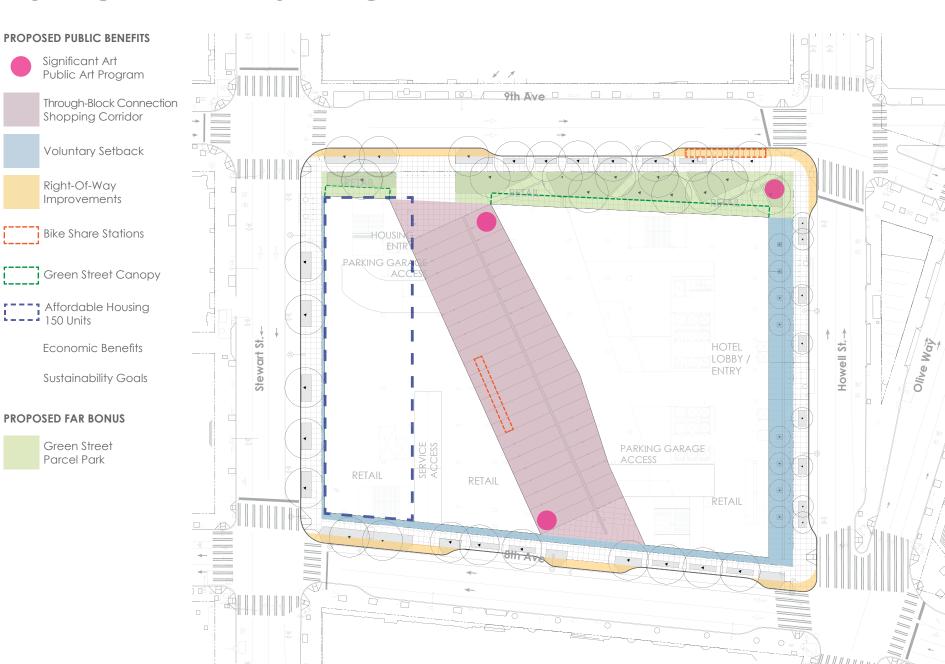
LEVEL H8 PLAN WITH OUTDOOR AMENITIES

COVERED ENTRY AT 9TH AVENUE



VIEW FROM 9TH AVENUE LOOKING SOUTHWEST

PUBLIC AMENITIES DIAGRAM



SUMMARY OF FAR AND ALLEY VACATION PUBLIC BENEFIT

FAR Amenity	Program
/Land Use	Code

Alley Vacation Public Benefit /Seattle City Council

75% Affordable Housing

Build affordable housing in lieu of contribution to affordable housing fund

75% Childcare Fund

661,716 SF

25% Public Amenities

35,000 SF – Green Street Parcel Park

3,000 SF – Green Street Setback

112,736 SF – Landmarks TDR's (own)

34,036 SF – Performance Arts TDR's (own)

35,800 SF – Non-Housing TRD's (tbd)

Unique Economic Public Benefit

Through-Block Pedestrian Connection

On-Site Affordable Housing

Enhanced Right-of-Way Condition

Publicly Accessible Art

Weather Protection at Green Street

Howell Street Setback/ Open Space

Bike Share Program

Design with Intent to Meet LEED Gold

Design with Intent to 2030 District Goal