

Project Info Contents A - 1 325 9th Avenue North **Contents & Project Info Property Address** A - 2 **Site Context** Seattle, WA 98109 A - 3 **Site Survey Existing Site Plan DPD Project Number** 3014639 A - 4 **Nine-Block Analysis** A - 5 Vulcan Real Estate A - 6 **Power Line Clearance** Owner **Current Site Context** 505 5th Avenue South, Suite 900 A - 7 A - 8 **New & Future Buildings** Seattle, WA 98104 A - 9 **Context Photos from Site** Contact: Rachel Ben-Shmuel **Context Photos of Site** 206.324.2000 A-10 A-11 **Access & Street Analysis** rachelb@vulcan.com **Surrounding Uses** A-12 **Environmental Analysis** Architect **Graphite Design Group** A-13 **Current & Future Tower Views** 1050 N 38th St A-14 A-15 **Zoning Analysis** Seattle, WA 98103 **Zoning Envelope & Program** Contact: Peter Krech A-16 **Neighborhood Precedents** A-17 206.321.1438 **Graphite Design Group- Precedents** peter.krech@graphitedesigngroup.com A-18 **Massing Option 1** www.graphitedesigngroup.com A-19 **Massing Option 1** A-20 A-21 **Massing Option 2 Development Objectives** The applicant proposes to build a 12-story structure with 301,679 square feet of total above-grade construction, A-22 **Massing Option 2** including approximately 289,400 SF of Office use and ap-A-23 Massing Option 3 (Preferred) A-24 Massing Option 3 (Preferred) proximately 4,000 SF of Retail. Below grade parking will be **Aerial Views- 3 Options** provided for approximately 423 cars. Also provided will be A-25 **Shadow Studies (Preferred Option)** approximately 6,500 SF of Open Space at grade and 5,808 A-26 **Design Departures** SF of Private Open Space. Primary building entries will be A-27 from 9th Avenue. Automobile entries will be from the alley A-28 **Design Departures Street Level Sections** bordering the site on the west. Four loading berths and trash A-29 **Street Level Sections** and recycling facilities will also be accessible from the alley. A-30 A-31 **Design Guidelines** A-32 **Design Guidelines**



A-33

A-34

A-35

A-36

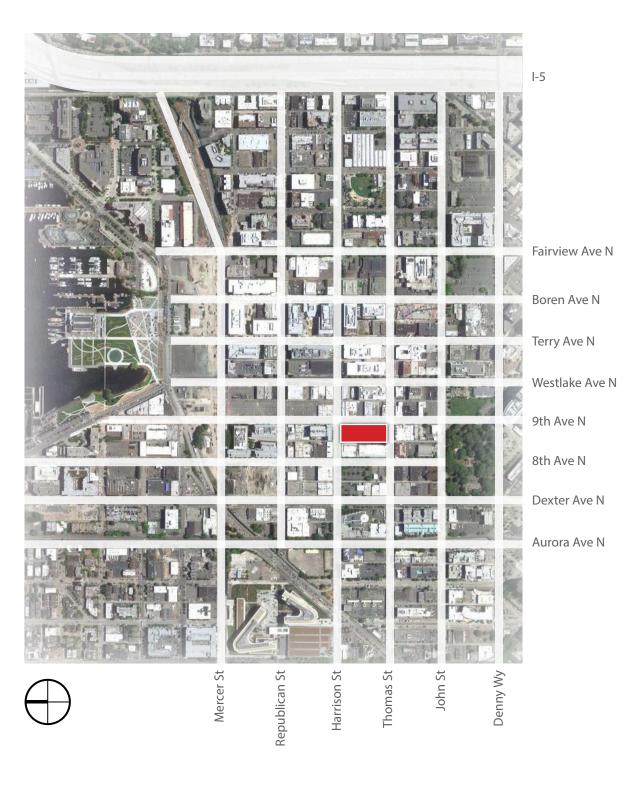
Architectural Concept

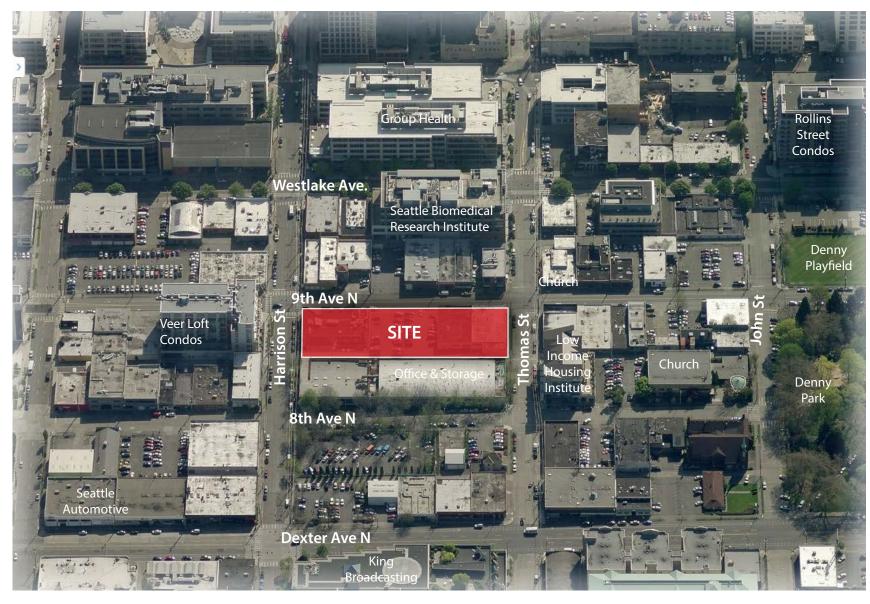
Architectural Concept

Landscape Concept

Streetscape Sketches (Preferred Option)



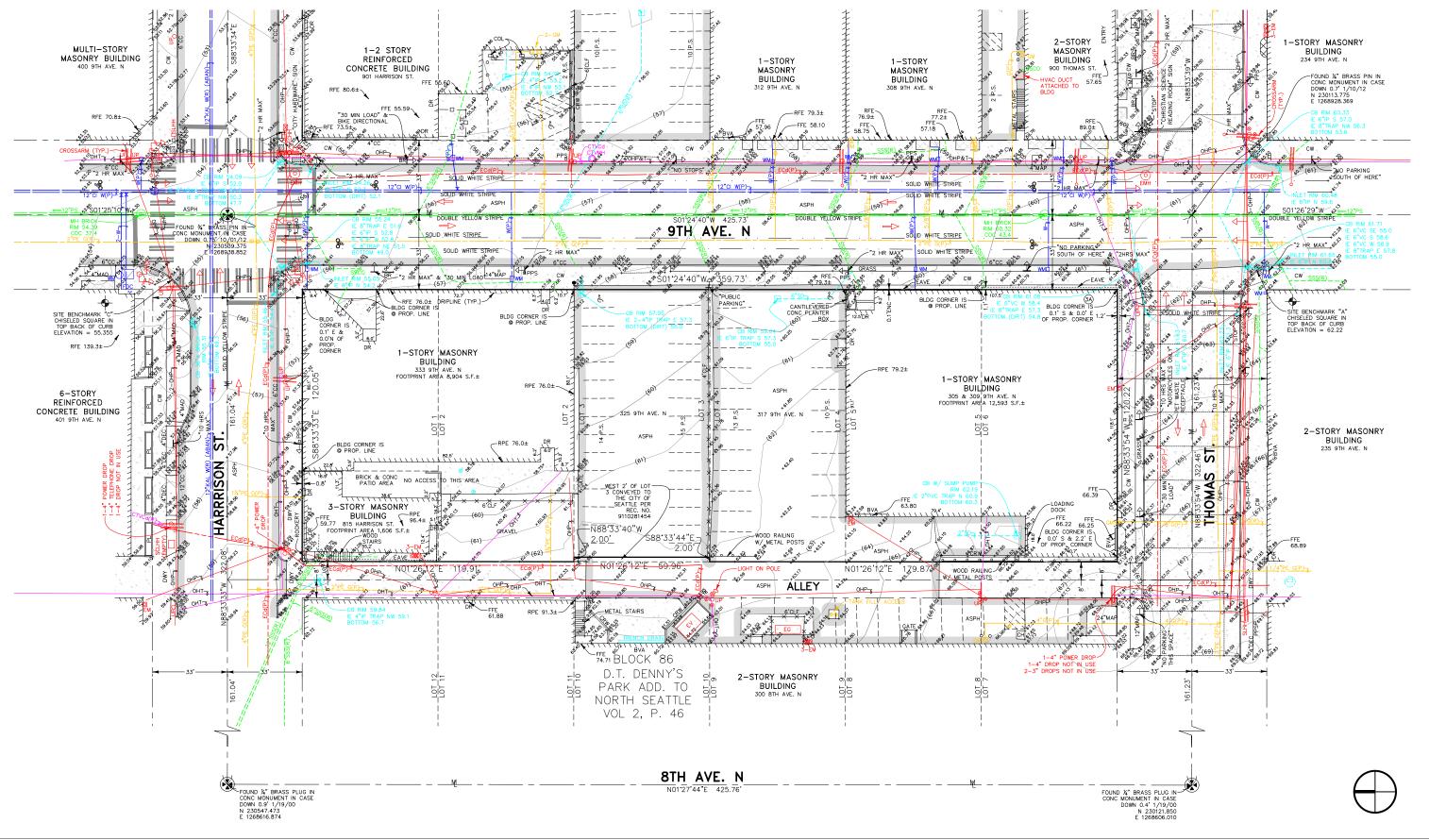














GRAPHITE

Block 52 East

12018.00



Site Area:

43,097 SF with approximately 360 feet of frontage on 9th Ave N and 120 feet of frontage on Harrison & Thomas St.

Topography:

The site slopes from elevation 67.12' in the southwest corner down to 56.10' in the northeast corner.

Tree Survey:

There are no significant trees on the site, or within the sidewalk Right-of-Way.

Existing Buildings:

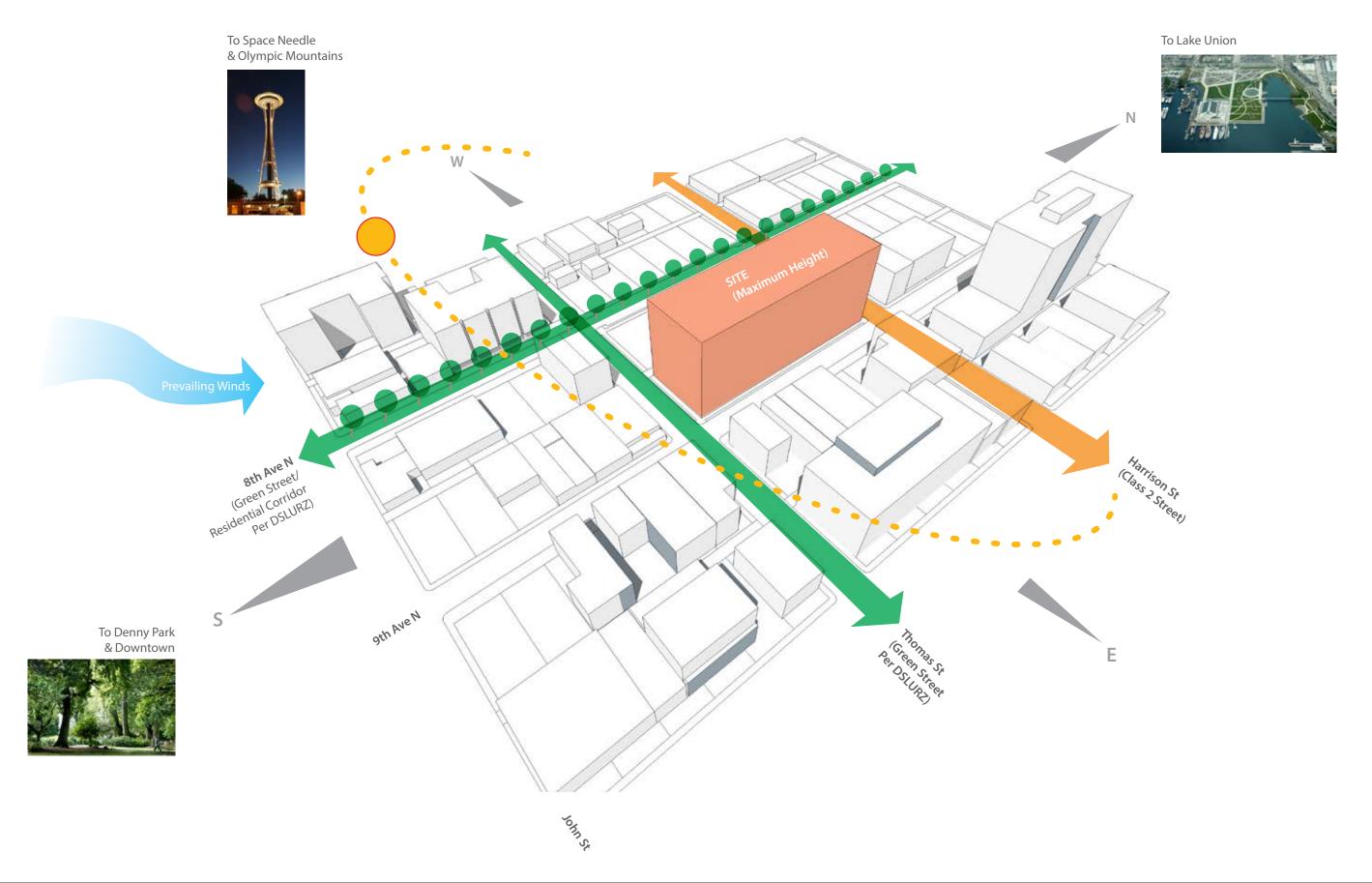
There are two single-story and one three-story masonry buildings on the site that will be demolished. The central portion of the site is being used as two surface parking lots.







Block 52 East

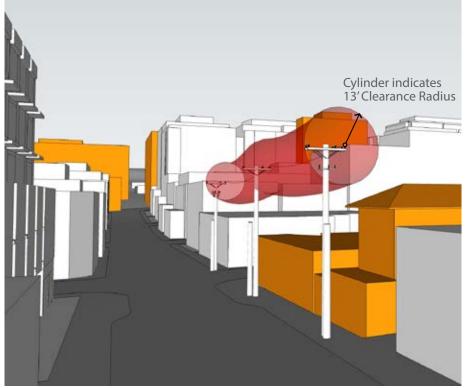








Existing Condition- Looking SE from Harrison



Existing Condition- Looking SE

Power Line Clearance

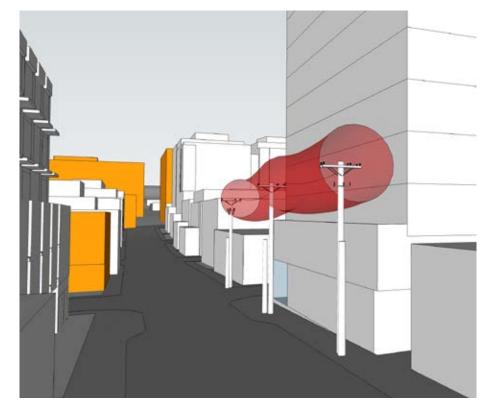
Existing Condition

Per SCL Standards

The existing power poles and lines have a required clearance of 13 feet. All 3 options meet this requirement through facade setbacks clearing a 13' radius around the electrical lines.

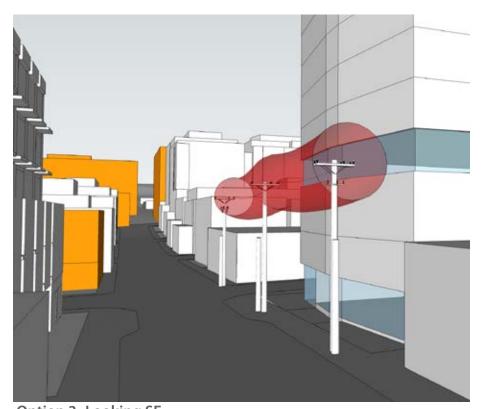


Option 1- Looking SE



Option 2- Looking SE

Block 52 East



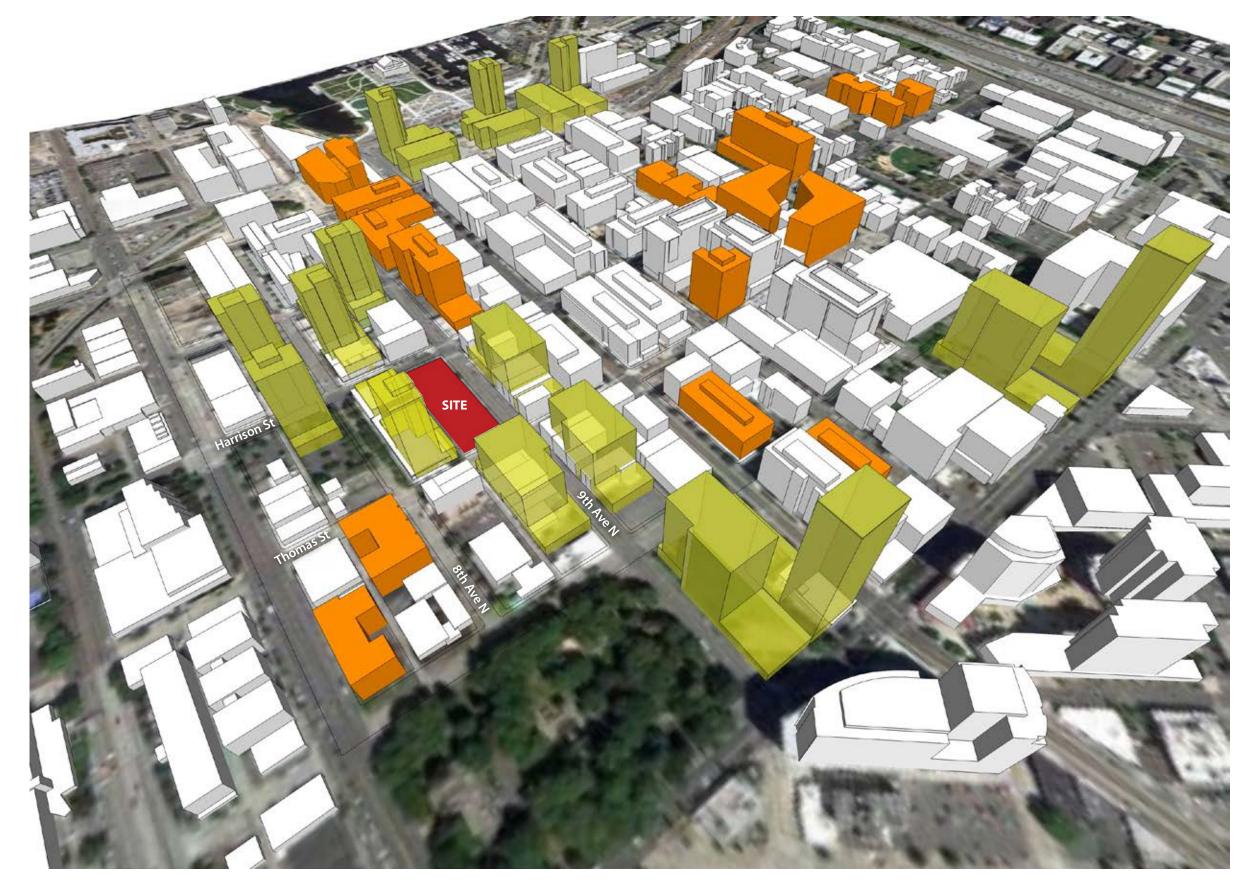
Option 3- Looking SE











Projected New Buildings & Future Zoning



New Buildings



Future Zoning Envelopes (Hypothetical)

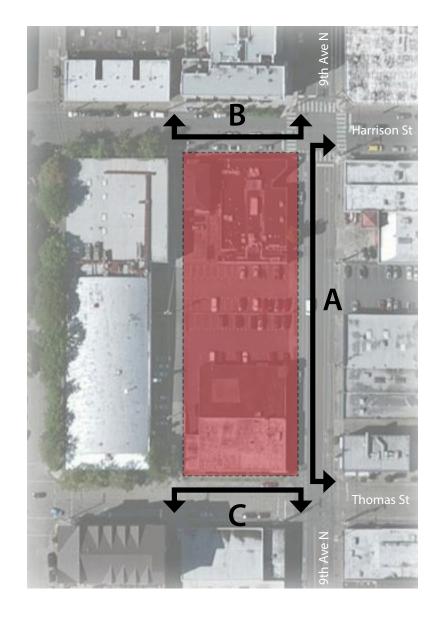
Future zoning envelopes illustrated are consistent with those proposed in the South Lake Union Re-Zone Ordinance (version 17) dated September 5, 2012, and at the time of this application are not currently in place.







View looking east from 9th Ave N.





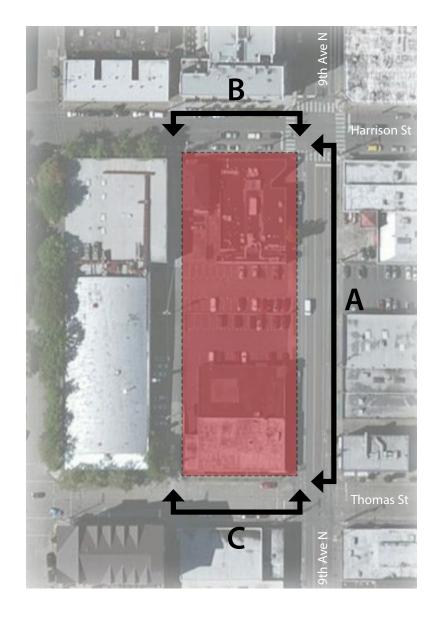
View looking north from Harrison St.



View looking south from Thomas St.



View looking west from 9th Ave N.





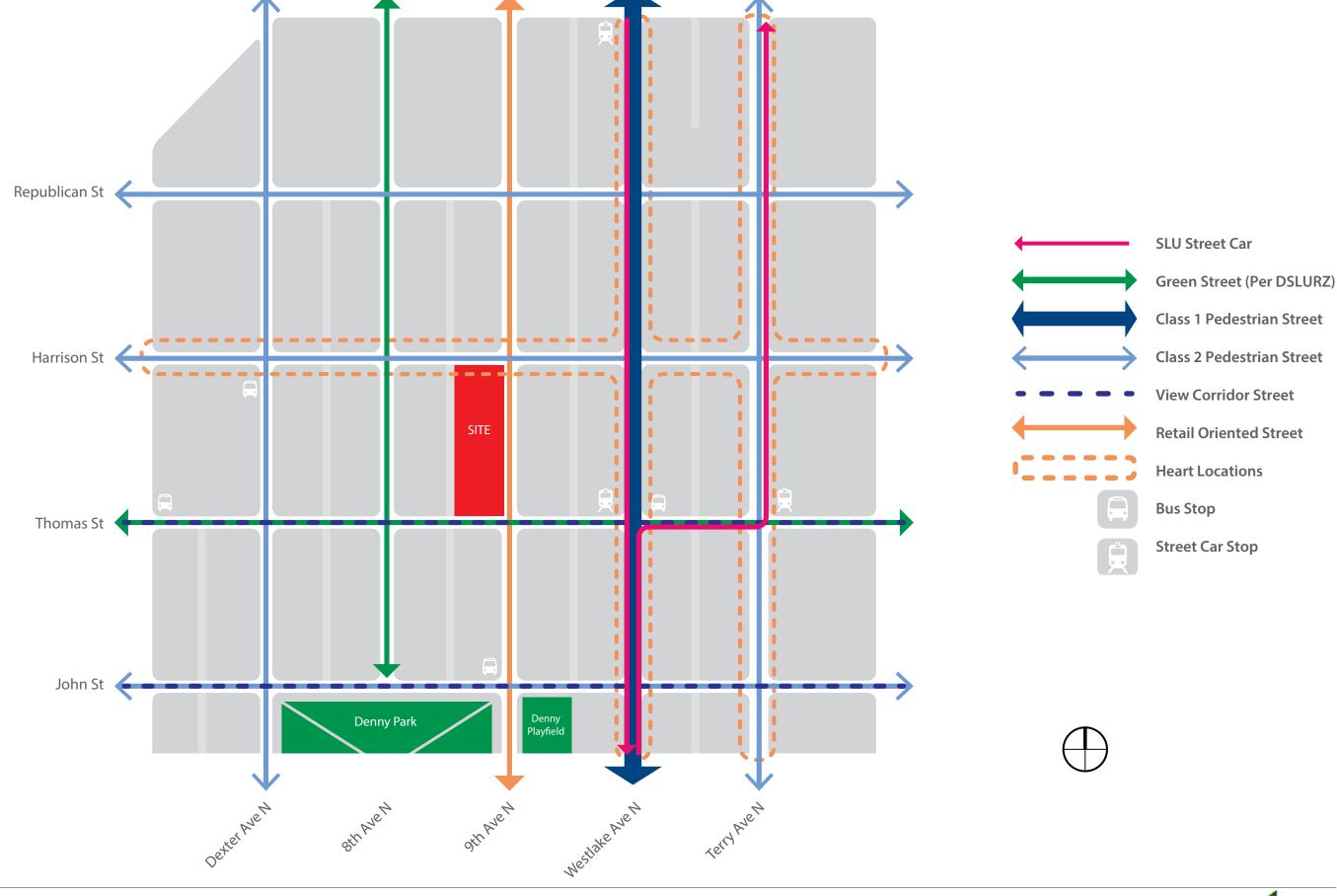
View looking south from Harrison St.



View looking north from Thomas St.









A-11 Access & Street Analysis



12018.00





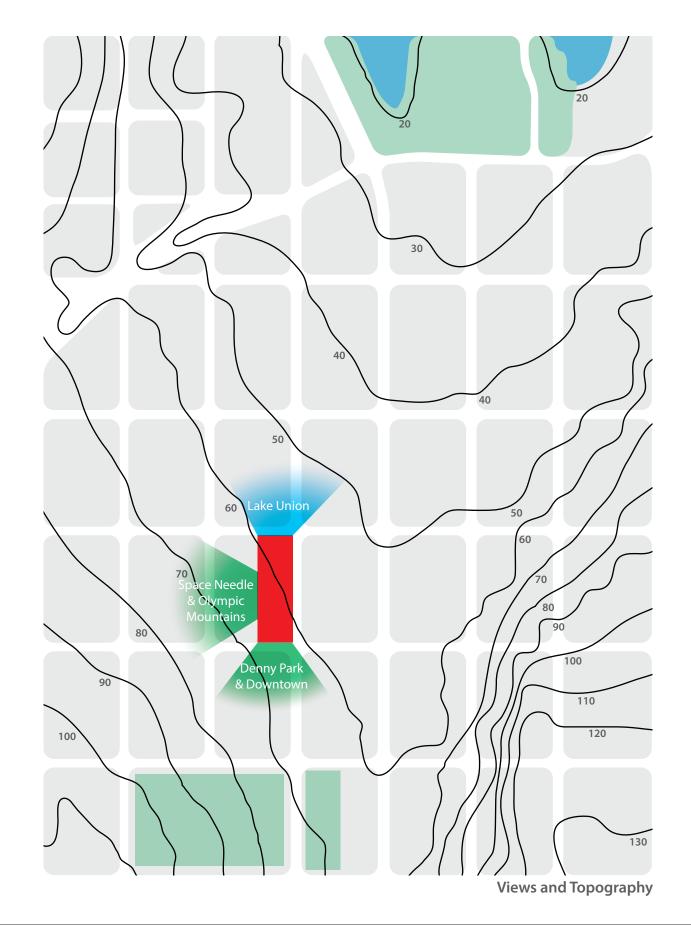
Zoning designations reflect those proposed in the South Lake Union Re-Zone Ordinance (version 17) dated September 5, 2012, and at the time of this application are not currently in place.

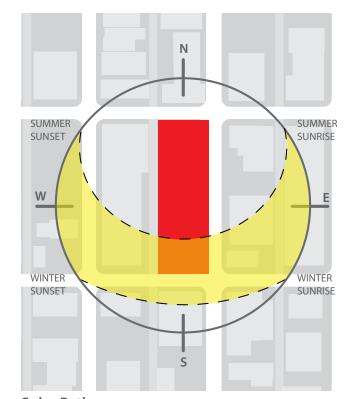




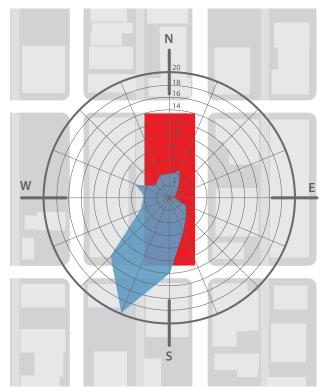


Block 52 East





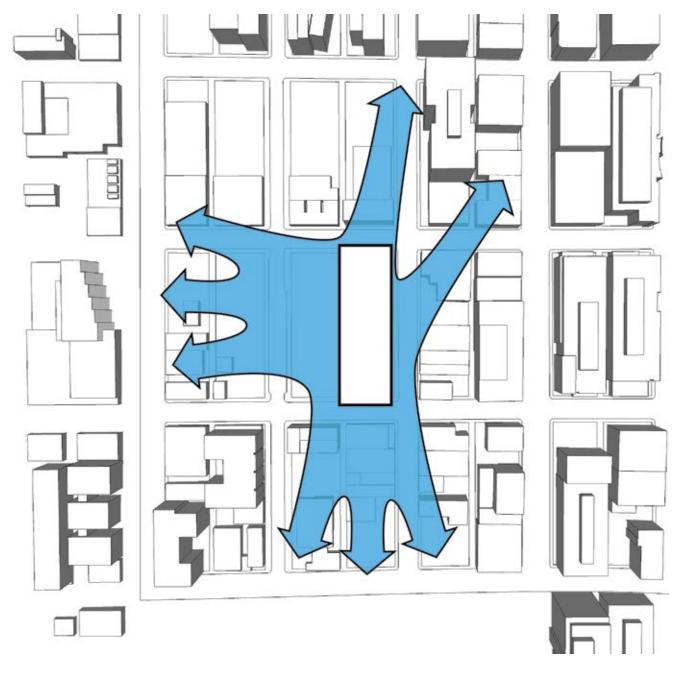
Solar Path



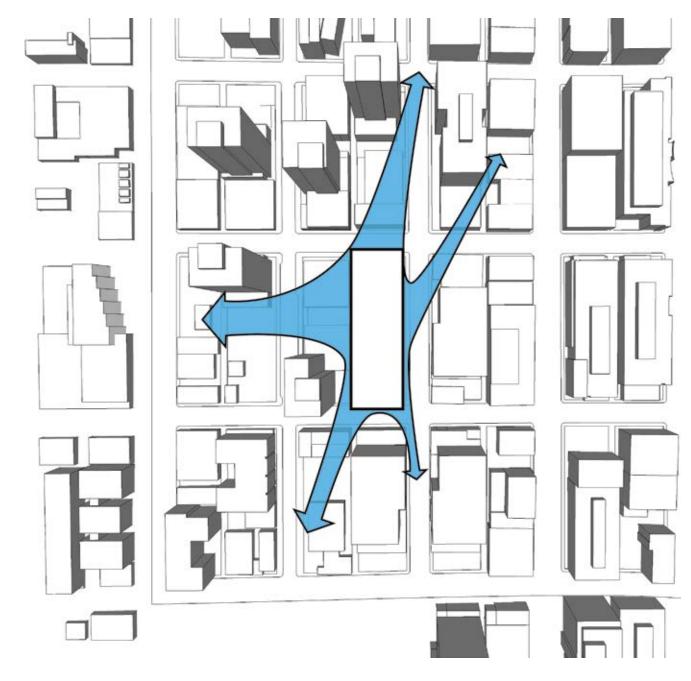
Wind (Yearly Average Direction %)







Block 52 East



CURRENT TOWER VIEWS







Zoning Analysis

Address: 305 -9th Avenue N. 98109

King County Parcel Nos.: 199120-1255,199120-1265,199120-12275,199120-1280,199120-1285,199120-1290

SM-160/85-240 (Pending City Council Approval) Zone:

Zone Overlay: South Lake Union Urban Center

Commercial and Residential and others unless prohibited by SMC 23.47.004(B) **Permitted Uses:**

Street Classifications: Class 2 Pedestrian Street (Harrison St), Neighborhood Green Street (Thomas St)

No requirements for Class 2 Pedestrian Streets

Street Level Uses:

23.48.004(D)

Base FAR:

7(Added 2.5 through PA, TDR, TDP) Maximum FAR:

Uses Exempt from FAR:

1) All GFA below grade 23.48.009D

2) Portions of a story 4ft. above new or existing grade 3) An Allowance for mechanical of 3.5 per cent

4) All gross area for solar collection and/or wind generation

5) All GFA in residential use

6) All GFA in retail use

Height Limit (commercial): 160'

Base Height Limit (res.): 85' (not applicable) 240' (not applicable) Max. Height Limit (res.):

Rooftop features (penthouses, mechanical equipment, etc...) may extend up to 15 feet above maximum **Rooftop Features:**

height limit up to a combined coverage limit of 25%

Rooftop features may cover up to a combined coverage limit of 65% provided that all mechanical equip-

ment is screened and no feature is located closer than 10 feet from the roof edge

Setbacks: None required for non-residential use other than those associated with facade length maximums

Floor Plate & Podium Ht.

45' Podium

23.48.013 24,000 SF Maximum tower plan (above podium) for buildings exceeding 85 feet in height

Ave. Above 45' can = 30,000 SF provided lot >60,000 SF

or preserves existing open space or qualifying land marked structure

Extra Floor Area / SM Zones:

thru Public Amenities 23.48.011 **Housing TDR**

Landmark TDR **Open Space TDR**

Rural Development Credit Exchange

Façade Modulation: Within 15 ft. of a street.

> 150 ft. Max. un-modulated façade from 45' to 125' 120 ft. Max. un-modulated façade above 125'

General Façade Requirements: At least one primary pedestrian entrance or street-oriented courtyard no more than 3' above the sidewalk

Class II streets min. façade height = 25 ft.

On Class I pedestrian street 70 % of a façade length must be built on property line except for public ame

nity space requirements

Street Level Setbacks: Except Class I Streets Max. = 12'

2B.48.014f

Façade Transparency **Commercial Uses**

Class II Street = 60% All other = 30%

Total of all blank façade < 40%

Increased blank façade through landscape, artwork, special details approved by Director

New structures containing more than 20 dwelling units shall provide amenity area on the lot in the amount equivalent to 5 percent of the total gross floor area in residential use.

a. Maximum of 50% of the amenity area may be enclosed.

b. The minimum horizontal dimension of residential amenity area is 15 feet, and no required amenity area

shall be less than 225 square feet in size.

Parking Requirement: Commercial: 1 space for each 1000 square feet

Bicycle Parking Requirement: 1 per 4,000 square feet long term Commercial:

1 per 40,000 short term

Loading Requirement: 4 Berths required

Minimum 35' length

Access to loading is required to be from alley

Façade Height requirement:

23.48.014 b

Amenity Area:

On Class II pedestrian Streets all facades shall have a minimum height of 25 feet (Thomas and Harrison)

Transparency Requirement: Minimum of 60% of the width of street level façade must be transparent between 2 and 8 feet above side

walk on Class 2 pedestrian streets (Thomas and Harrison).

Blank facades shall be limited to segments 15 feet wide. Blank façade width may be increased to 30 feet Blank Façade Requirement:

is the Director determines that the façade is enhanced by architectural detailing, artwork, landscaping, or

other similar features that have visual interest.

LEED: Silver Minimum

Office Open Space: 20 SF per 1,000 SF of office use 23.48.022 < 85,000 SF office buildings exempt

On-site or dedicated off-site if within 1/4-mile of site

Tower Limitation: Only two towers per block

A tower is any portion of structure taller than podium ht.

Tower Separation: 23.48.013 (G)

60' separation affecting residential towers

Landscaping 23.48.024

Green factor of .30 or greater

Note: Zoning analysis reflects standards proposed in the South Lake Union Re-Zone

Ordinance (version 17) dated September 5, 2012, and at the time of this application

are not currently in place.

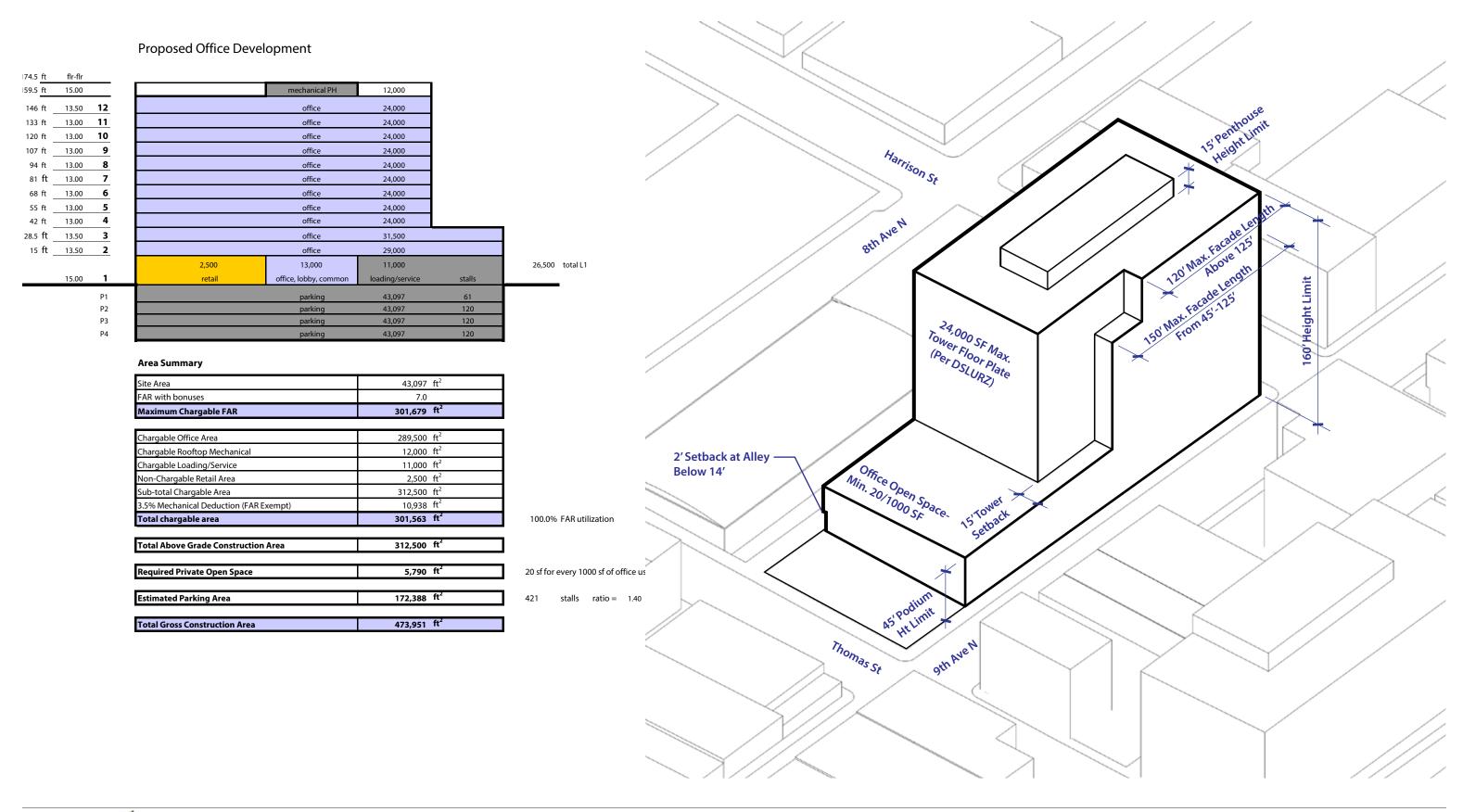


A-15 Zoning Analysis

Block 52 East

EDG

12018.00 February 27, 2013

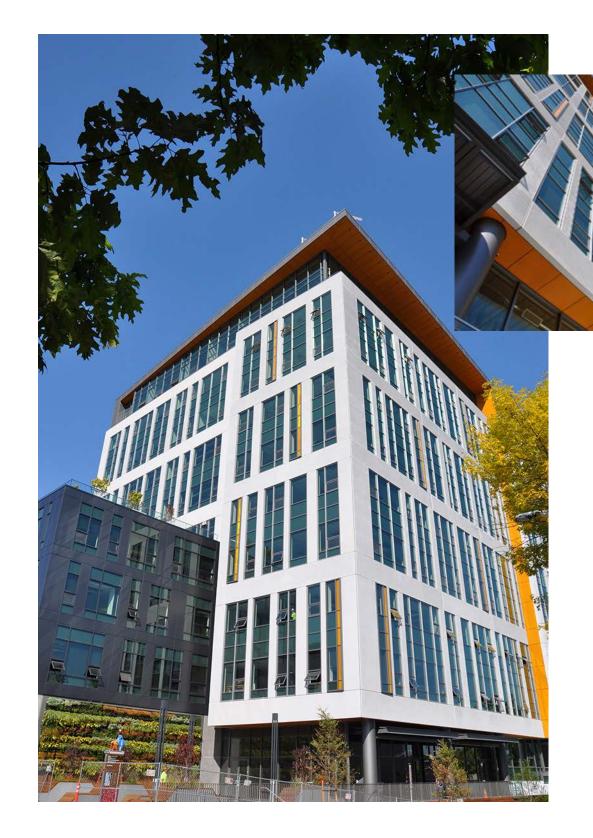








As part of the Amazon Campus, Phase III implements horizontal sunshades on the south facade, a unique grass inspired frit pattern on the glass, and public placement of sculptural art work.



As part of the Amazon Campus, Phase V implements a gestural roofline and randomized facade organization. The pedestrian experience is enriched with platforms of interaction despite the steep grade.







West 8th

A high-rise office tower development with a retail base adding to the elegance of the Seattle skyline and zone transition from mid-rise to high-rise.

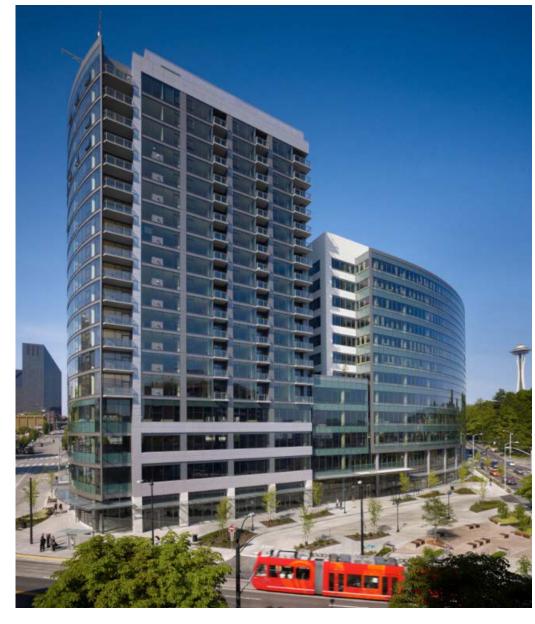


Amazon Phase IV

Block 52 East

12018.00

As part of the Amazon SLU campus development Phase IV is two office towers joined by a floating office 'link' and a retail base. The historic Terry Avenue Building was preserved and renovated to act as a centerpiece and food/beverage anchor.



2201 9th Ave/ Enso

A mixed-use development consisting of a two towers (condominium & office) connected by a podium with a retail base. This project is located approximately 3 blocks from the proposed site.

Projects depicted represent work done by Graphite Principals while at Callison, LLC and not work performed directly by Graphite Design Group, LLC.





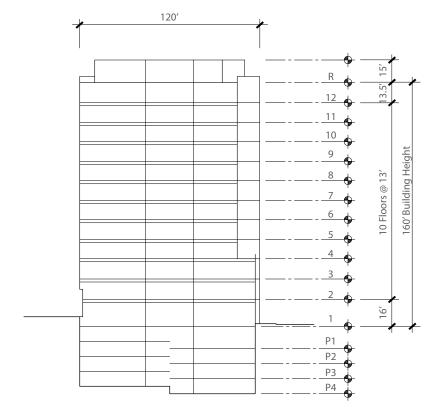
Massing Option 1

Pros:

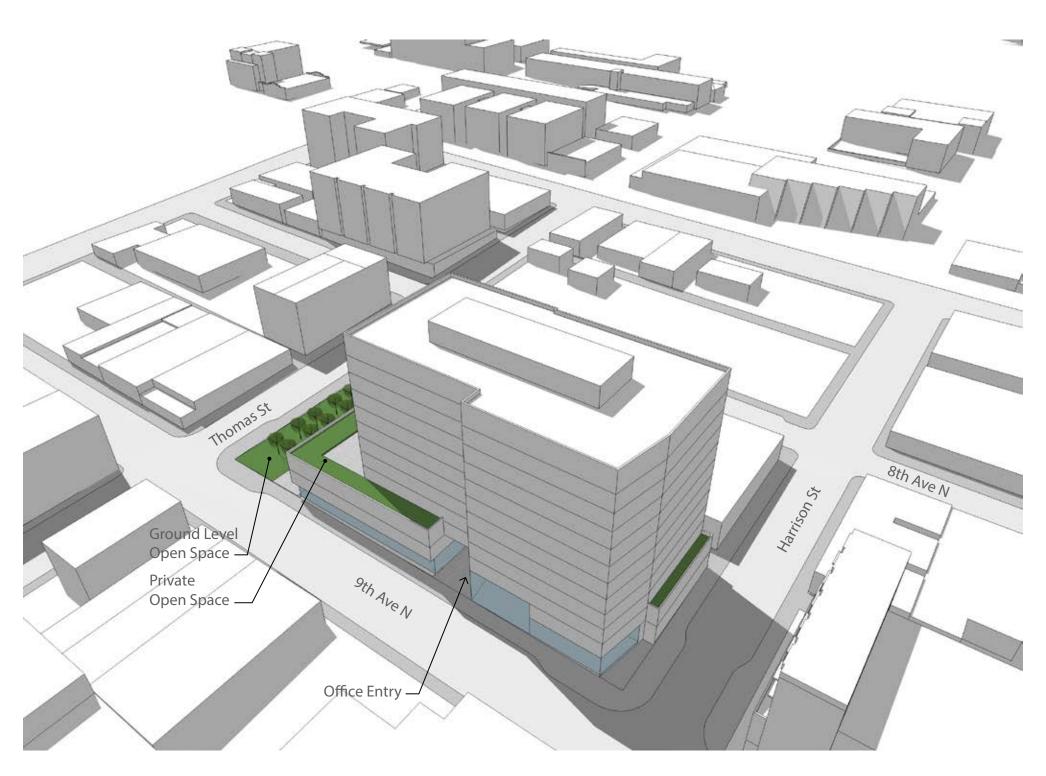
- -Generous open space with southern exposure.
- -Building form articulated to emphasize lobby entry.
- -Corner mass clearly grounded at 9th and Harrison.

Cons:

- -Tall street wall at 9th and Harrison.
- -Little connection between entry and lobby.
- -Modest open space on Harrison Street "heart location."



Section Looking North



Looking Southwest







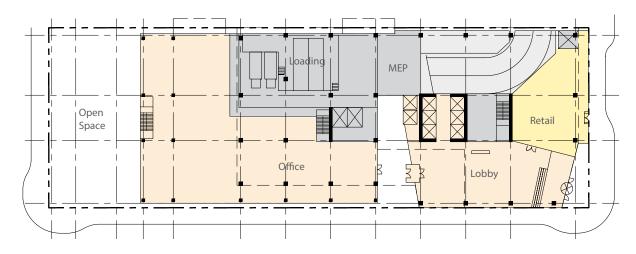




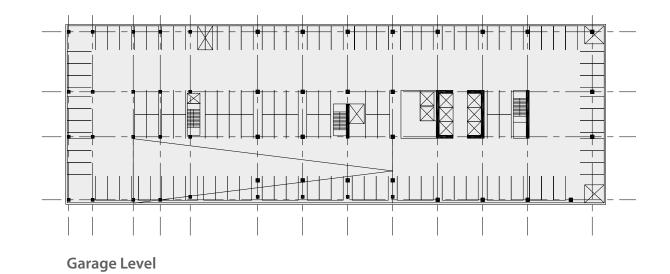


Harrison St _ Lobby 9th Aven Private

Typical Office Level



Ground Level



Looking Northwest



Open Space

Ground Level Open Space

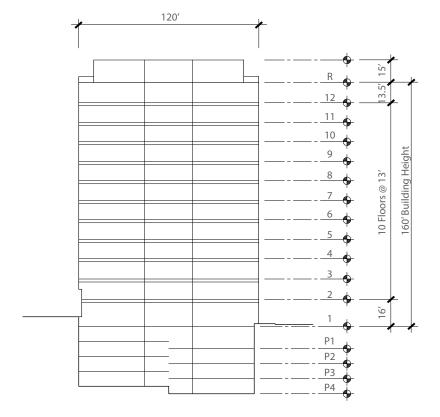
Massing Option 2

Pros:

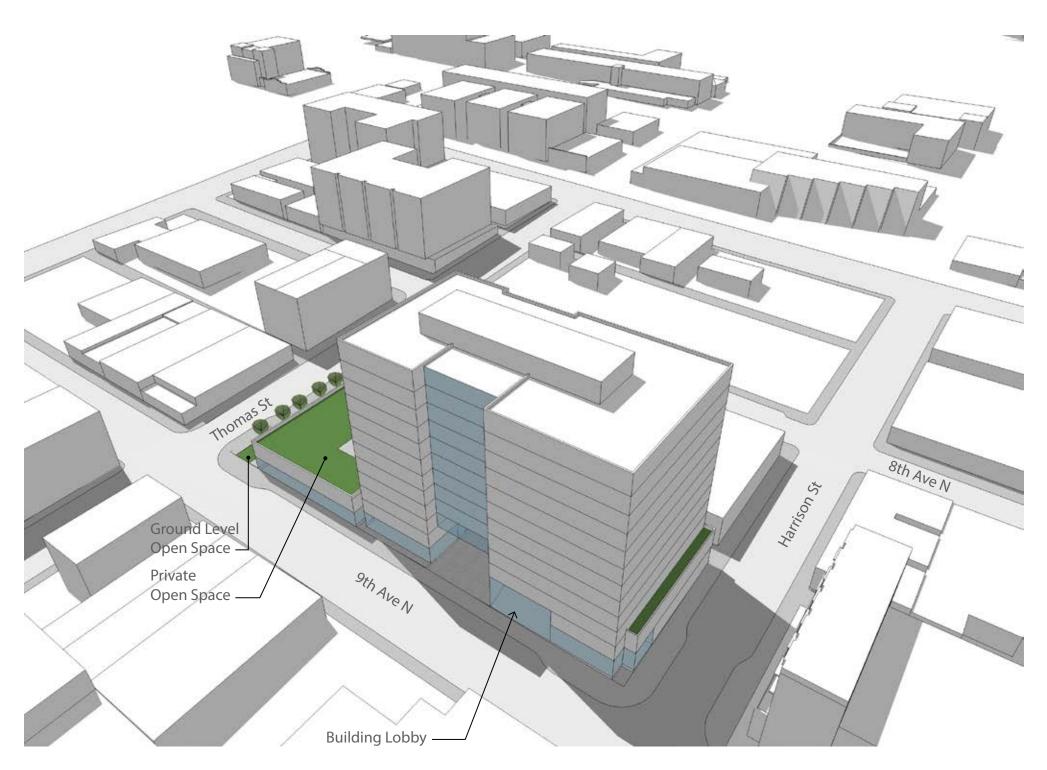
- -Generous open space with southern exposure.
- -Expression of central "link" leads to more vertical massing.
- -Building form emphasizes building entry.

Cons:

- -Massing is less cohesive, more disjointed.
- -Tall street wall at 9th and Harrison constricts intersection and street view corridor.
- -Open space ignores Harrison Street "heart location."



Section Looking North



Looking Southwest



GRAPHITE

EDG February 27, 2013



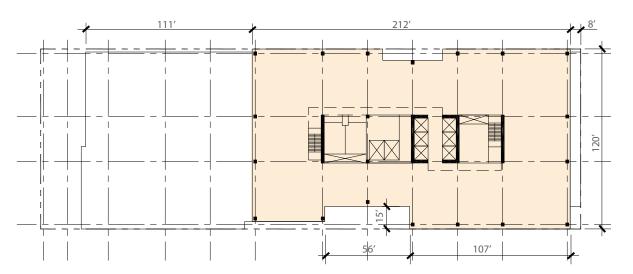


Street View From Northeast

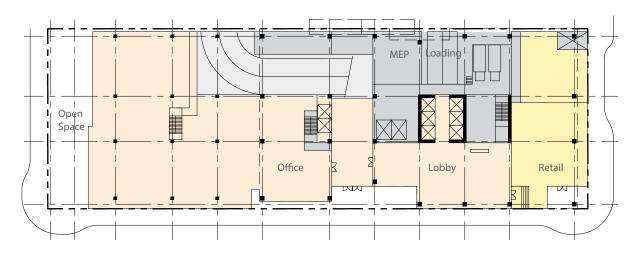
Street View From Southeast



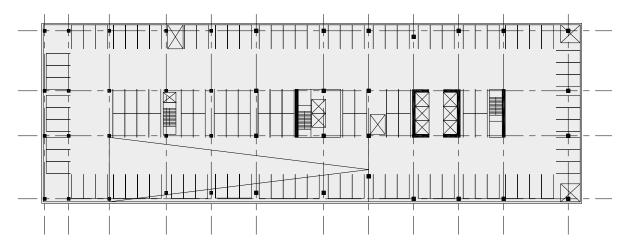
Looking Northwest



Typical Office Level



Ground Level



Garage Level



Block 52 East

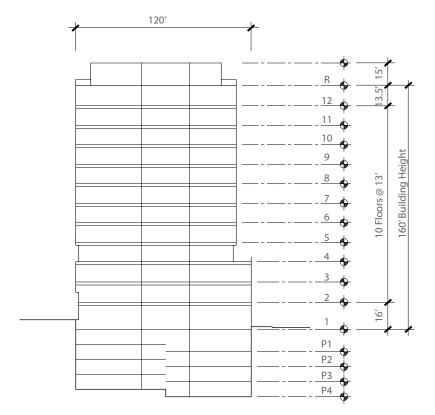
Massing Option 3 (Preferred)

Pros:

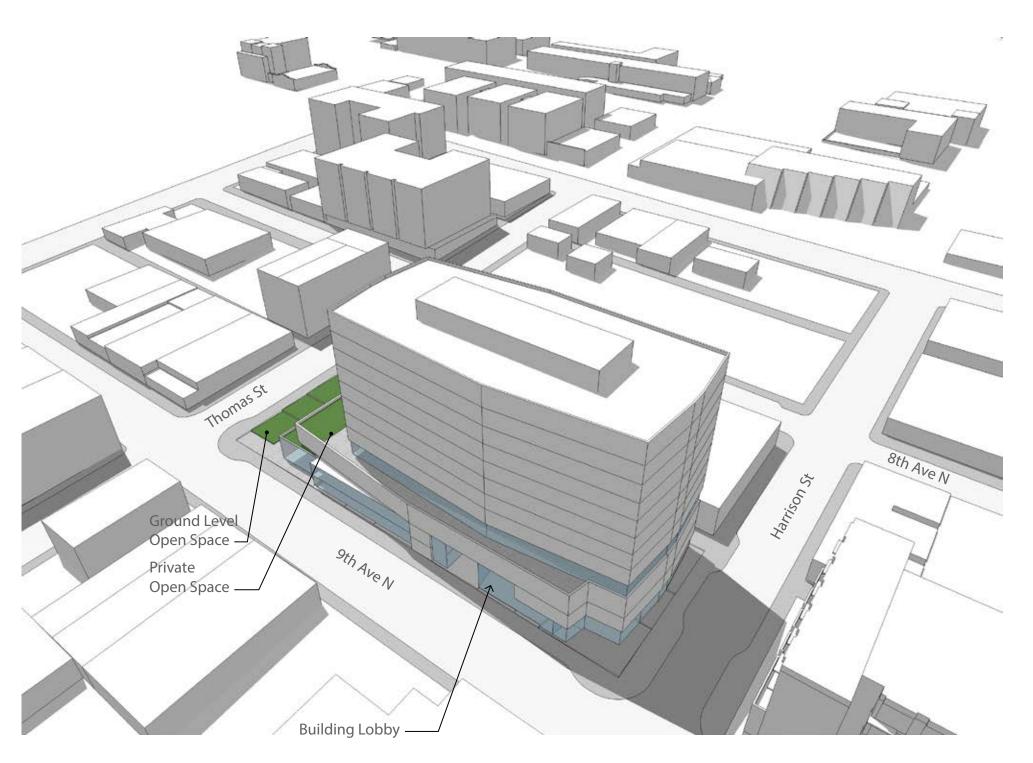
- -Stepped massing breaks down large volume.
- -Corner setbacks open up 9th and Harrison street intersection and
- -Clear podium delineation relates to adjacent low-rise context.
- -8' Setback at Harrison provides for more generous pedestrian
- Open space wraps tower to east providing stepped transition at 9th Avenue

Cons:

- -Longer tower volume.
- -More slender building is less efficient in plan.



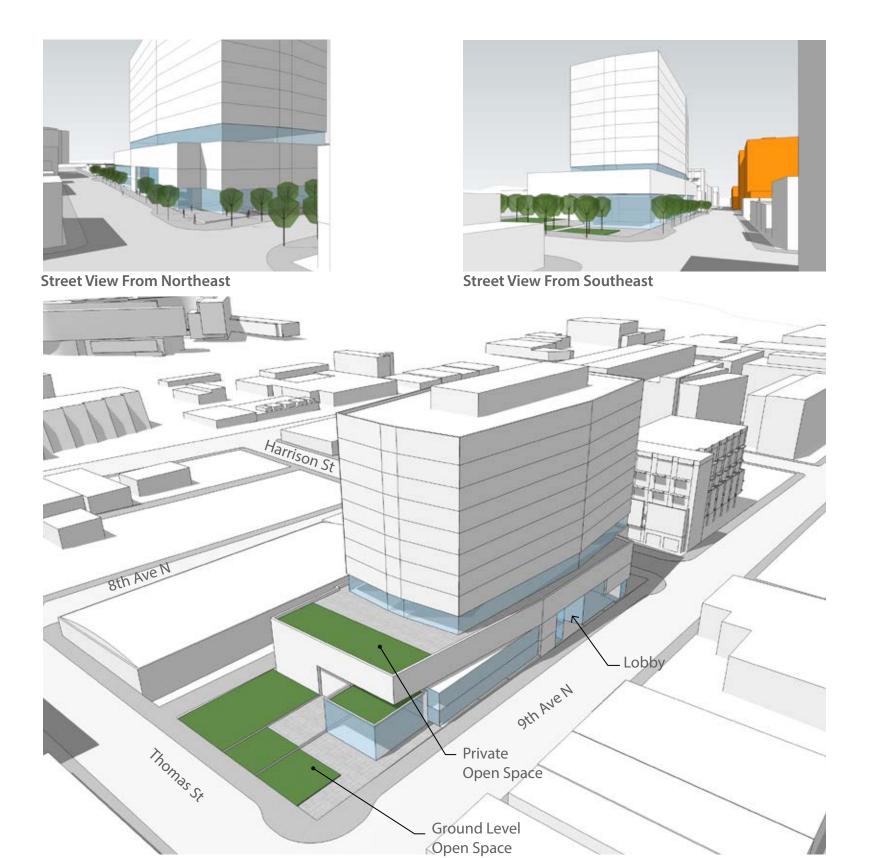
Section Looking North



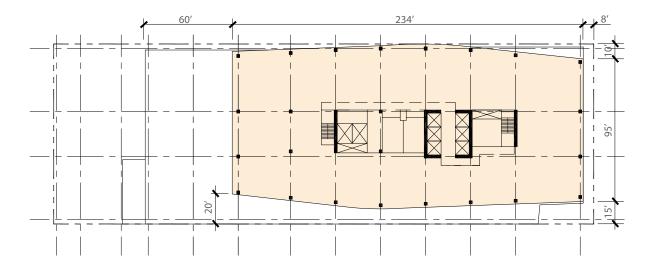
Looking Southwest



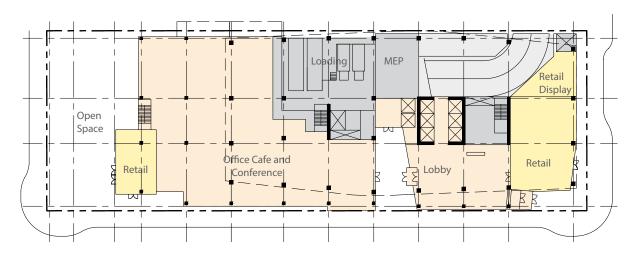




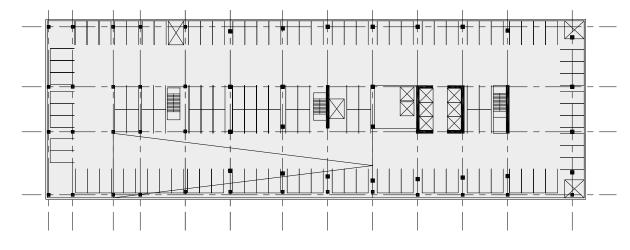




Typical Office Level



Ground Level



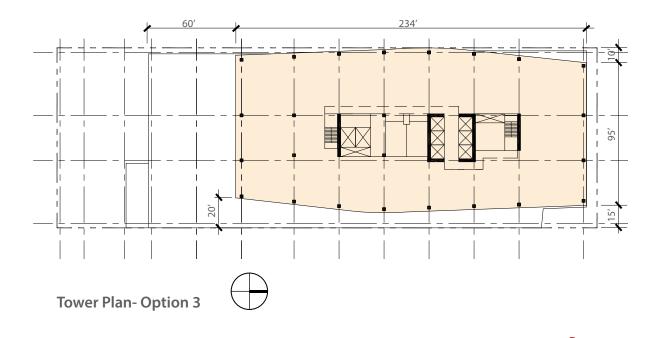
Garage Level

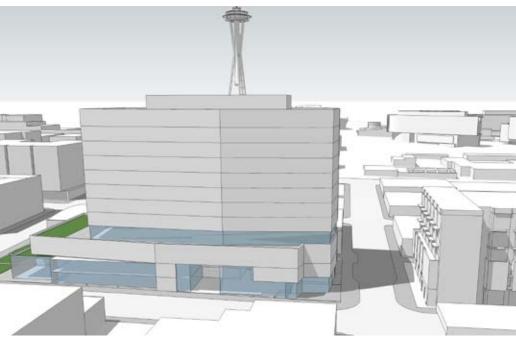


Option 3 (Refined)

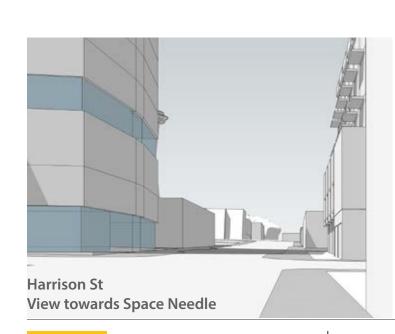
Tower Setback at Harrison St:

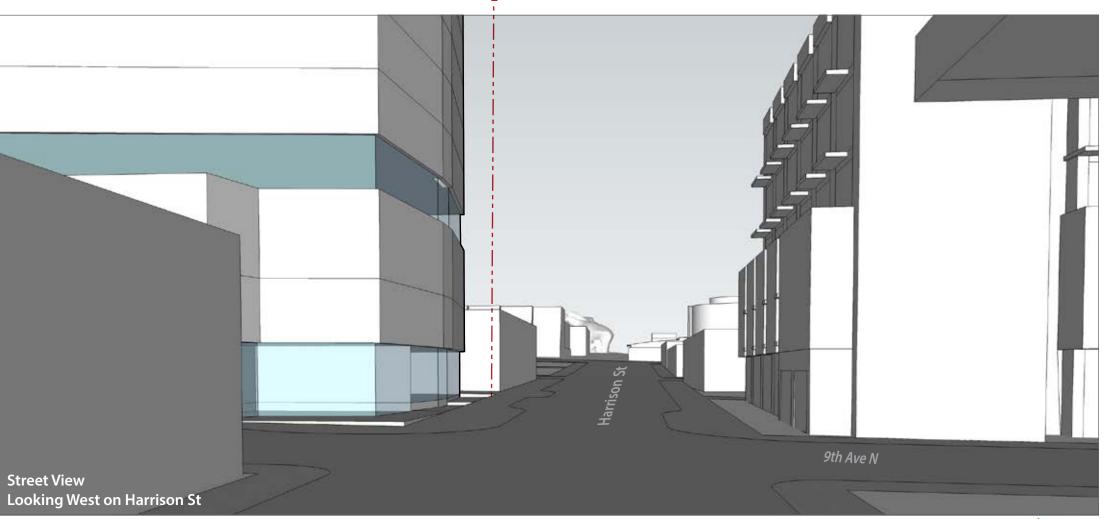
There are no required setbacks along Harrison Street, however the preferred option elects to set back the entire building from the property line. This move enables power line clearance and creates a more generous pedestrian experience along Harrison which is deemed a "heart location" street by the prospective SLU zoning code.





Aerial Looking West on Harrison St







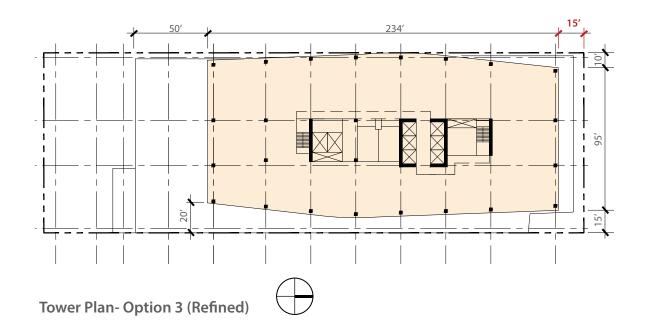
Option 3 (Refined)

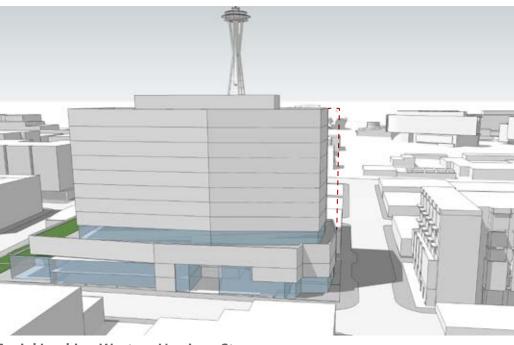
Tower Setback at Harrison St:

The refined version of Option 3 proposes a 15'-0" tower set back from the property line along Harrison Street. The podium portion of the massing remains set back at 5'-0" from the property line.

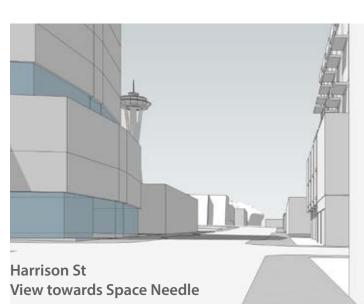
Benefits:

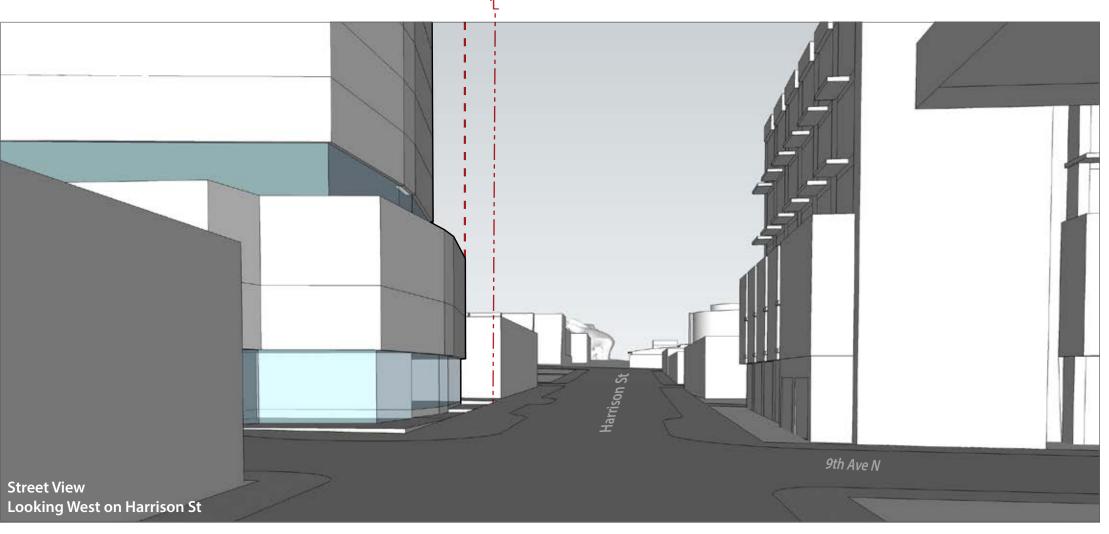
- -Increased street level access to views/air/light.
- -Maintains lower level urban edge at "heart location" Harrison Street.
- -Further proximity from the upper levels of Veer Lofts to the north.
- -Expresses the podium as a more identifiable and separate mass.
- -Allows a more mid block entry point.
- -Adds rooftop terrace area to the north at level 4.





Aerial Looking West on Harrison St







EDG

February 27, 2013

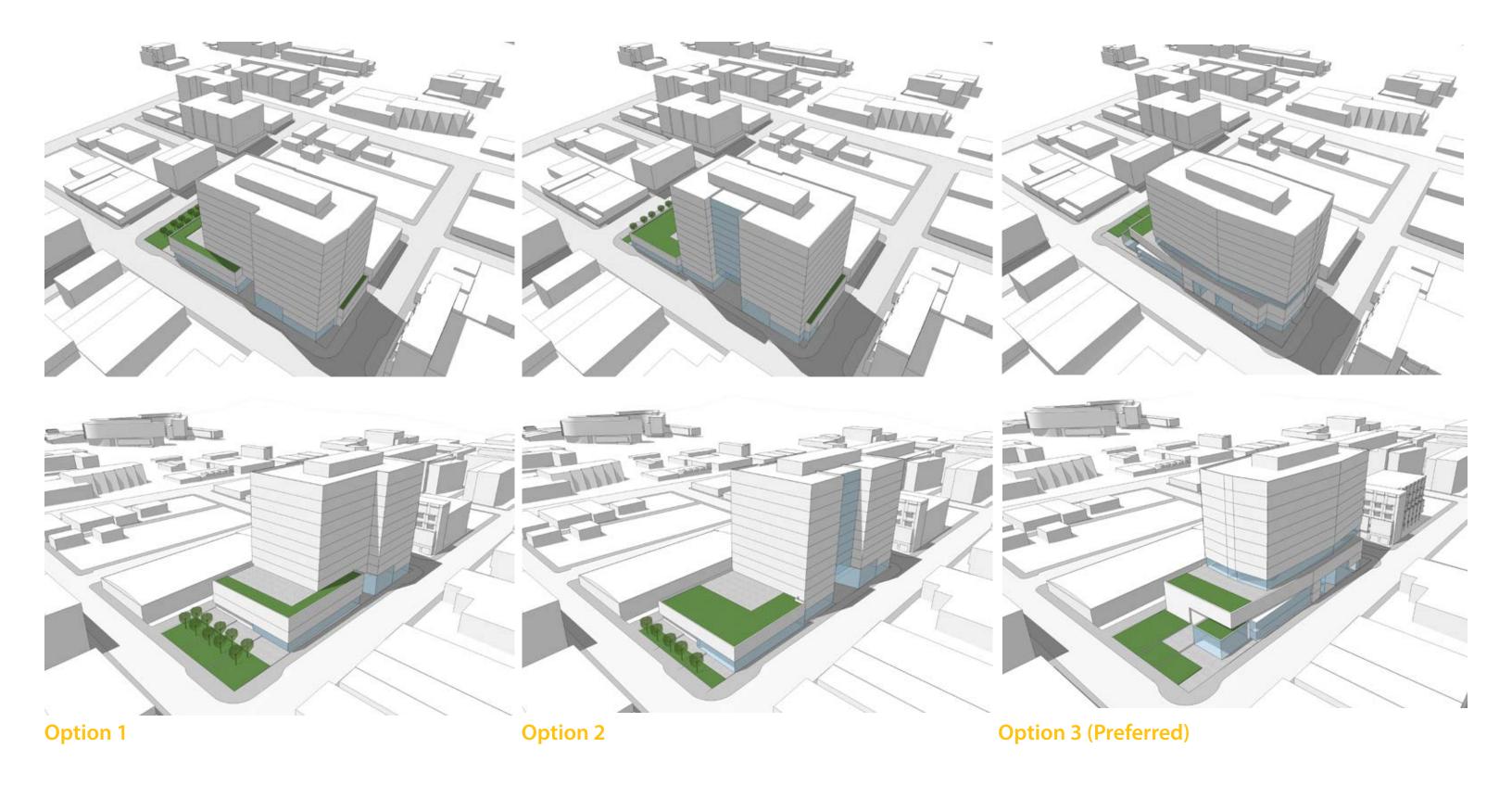
Block 52 East

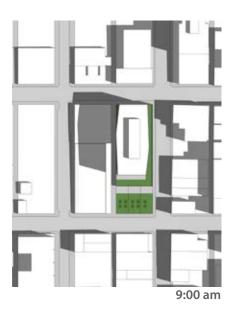
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Option 3 (Refined) A-24b





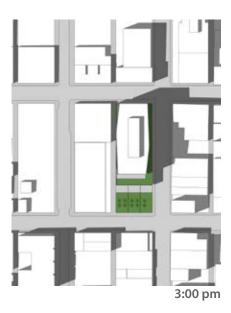


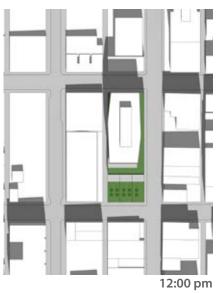


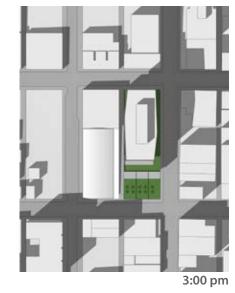
Summer- June 21st

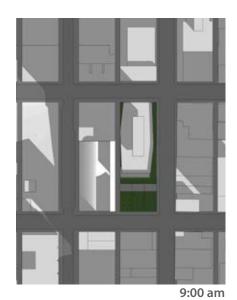


12:00 pm



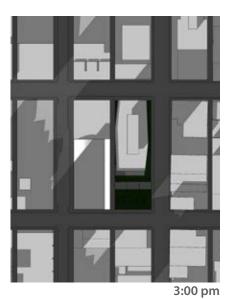






9:00 am





Winter- December 21st

Spring & Fall- March & Sept. 20th



12018.00

Design Departures

For Preferred Option

23.48.013.D Facade Modulation

We seek a design departure to allow the east facade of the tower to exceed the 120' length maximum (above 125' in height) and 150' length maximum (between 45-125' in height).

The proposed tower outline (Exhibit B) would set back a greater volume of tower mass than the code complying tower outline (Exhibit A) despite the slightly longer encroachment area.

We seek to enhance the adjacent view corridors by narrowing the tower floor plate in the east-west direction in order to better fulfill the following South Lake Union Design Guidelines:

A-2 Streetscape Compatibility

The siting of buildings should acknowledge and reinforce the existing desirable spatial characteristics of the right-of-way.

B-1 Height, Bulk, and Scale

Encourage stepping back an elevation at upper levels for development taller than 55 feet to take advantage of views and increase sunlight at street level.



View of Option 1 Code Compliant



View of Option 3 (Preferred)
Departure Required

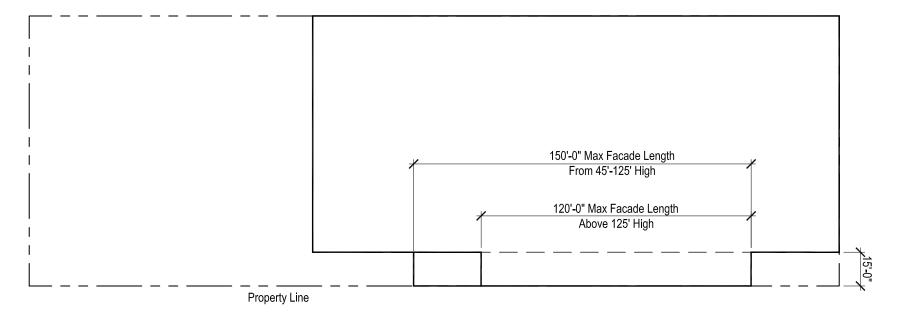
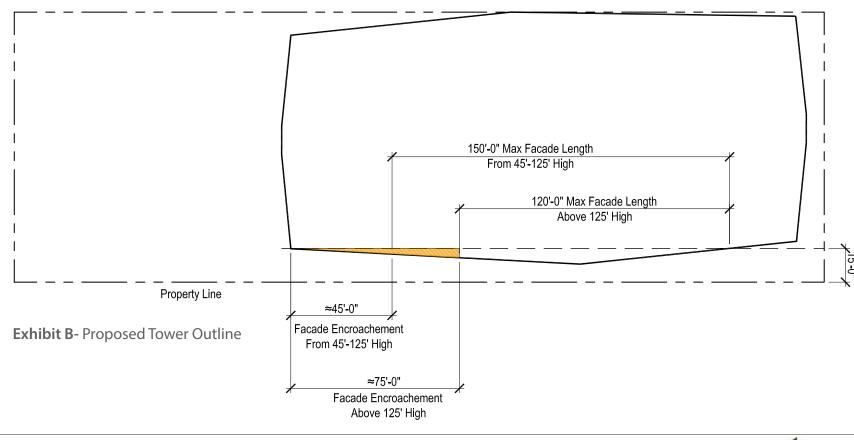


Exhibit A- Code Complying Tower Outline





Block 52 East

EDG

February 27, 2013



Design Departures

For Preferred Option

23.48.014 Street-level development standards

b. Except on Class 1 Pedestrian Streets, as shown on Map A for 23.48.014, and as specified in subsection 23.48.014.B.1, the street facing façade of a structure may be set back up to 12 feet from the street lot line subject to the following Exhibit B for 23.48.014:

- 1) The setback area shall be landscaped according to the provisions of Section 23.48.024; and
- 2) Additional setbacks are permitted for up to 30 percent of the length of portions of the street façade that are set back from the street lot line, provided that the additional setback is located 20 feet or more from any street corner.

We seek to enhance the project site by providing the amenity of ground level open space at the intersection of Thomas Street and 9th Avenue and Harrison Street and 9th Avenue in order to better fulfill the South Lake Union Design Guidelines. Specifically, 4 departures in these areas are required:

- 1. Setback along all of Thomas Street is greater than the 12' maximum standard (23.48.014-A-3-b) for 1005 of it's length
- **2.** A portion of the setback along 9th avenue is greater than the 12' maximum standard (23.48.014-A-3-b)
- 3. The setback at the street corner of Harrison Street and 9th Avenue is closer than the 20' minimum distance from the street corner permitted (23.48.014-A-3-b-2) Area = 355 SF
- 4. The setback at the street corner of Thomas Street and 9th Avenue is closer than the 20' minimum distance from the street corner permitted (23.48.014-A-3-b-2). Area = 400 SF

The proposed design better fulfills the following design review guidelines:

A-1 Responding to Site Characteristics

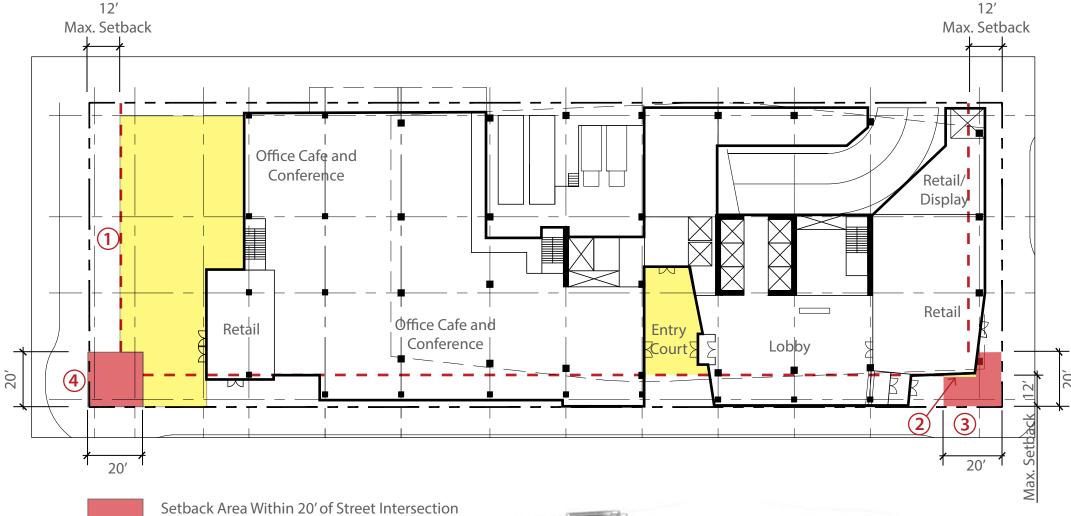
The generous corner setback at 9th Avenue and Harrison street as well as the widened right-of-way along the entire Harrison Street frontage is in part a response to the designation of Harrison street as a "Heart Location" and the desire to provide a better pedestrian experience.

A-2 Streetscape Compatibility

The proposed setback at Thomas Street and the intersection of Thomas and 9th Avenue is an integral part of a strategy to create a public plaza at the corner, providing a public amenity and linking a pattern of urban open spaces that extend from Denny Park to SLU Park.

A-4 Human Activity

The proposed setback at Thomas Street and resultant plaza also encourages human activity in the plaza and adjacent retail space. The proposed setback at the corner of Ninth Avenue and Harrison Street allows the lobby to better engage the corner and provide better pedestrian access to the building.



D-1 Pedestrian Open Spaces and Entrances

The proposed setback at Thomas Street and resultant plaza provides open space amenity as well as a link through the site to the westerly half of Thomas Street. The proposed setback at the corner of Ninth Avenue and Harrison Street is strategically sited to allow better connectivity to the building entrance.

Setback Area Greater than 12' from Property Line

E-1 Reinforce Existing Landscape Character of Neighborhood Similar to the response of A-2, the plaza proposal is and integral part of linking a pattern of urban open spaces that extend from Denny Park to SLU Park.

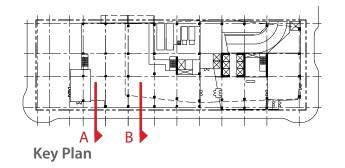


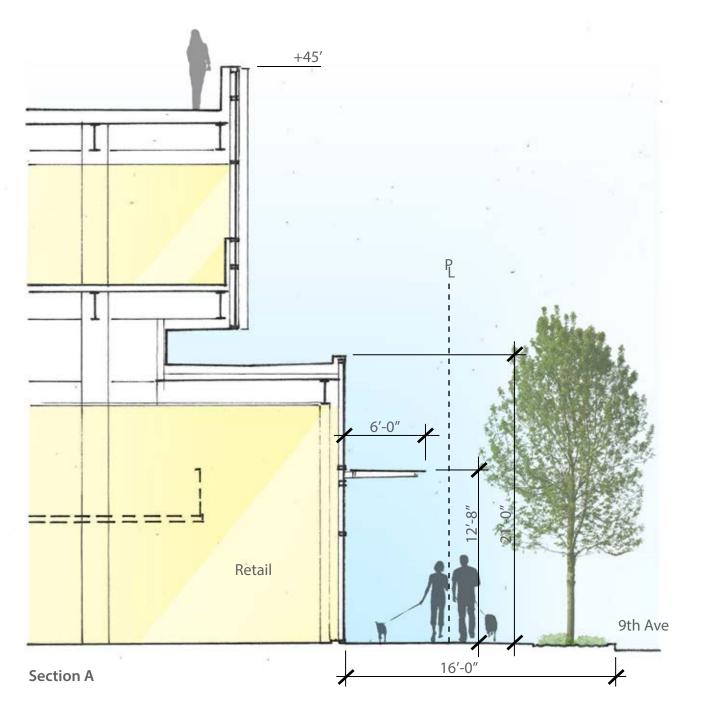


Design Departures A-28



Block 52 East

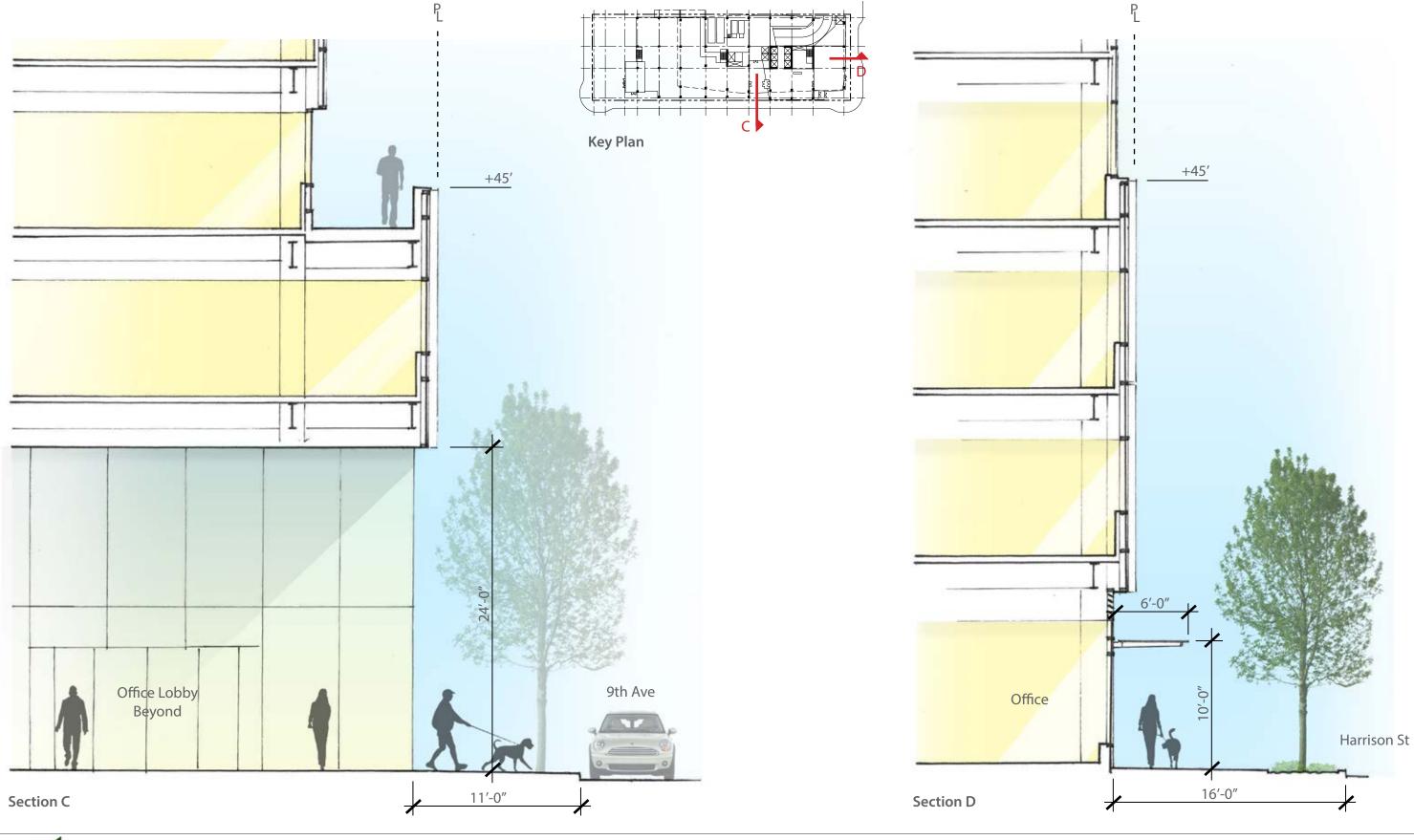










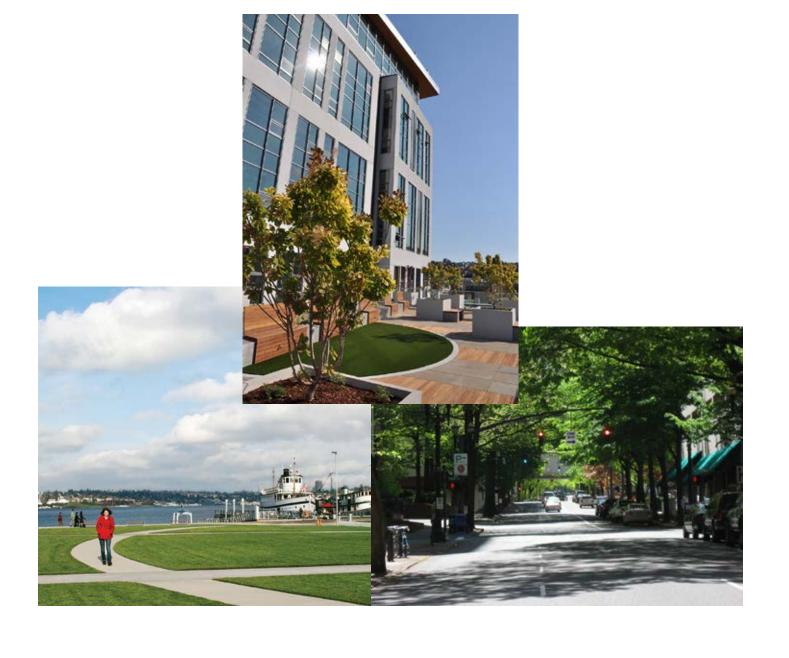






GRAPHITE

12018.00





A. Site Planning

A-1 Respond to Site Characteristics

- -Public and private open/outdoor space will be used, as well as building form reflecting view opportunities to nearby features such as Denny Park and Lake Union.
- -Massing position allows more solar access to public open space.

A-2 Streetscape Compatibility

- -Massing position reinforces the "heart location" at Harrison St.
- -9th Ave facade is positioned near the property line to enhance the future urban edge.

B. Height, Bulk and Scale

B-1 Height, bulk, and scale compatibility:

- -In anticipation for nearby future development the massing is pushed toward the north portion of the site allowing for air and light between a future same-block residential tower. The massing terraces down to the park side of the site allowing a breakdown in scale toward the more human scaled open space.
- -Clear delineation of the podium provides architectural reference and transition to adjacent low-rise structures.

C. Architectural Elements and Materials

C-1 Architectural Context:

-Reference and consideration of new projects as well as historically relevant buildings will used when designing architectural elements and materials.

C-2 Architectural Concept & Consistency:

-The cohesiveness of the whole and its direct relation to the parts is a core value in our proposal. Due to the valley like topography of the area the rooftop "5th elevation" is an important feature and will be enhanced with terraces, landscape, and formal/spatial responses accordingly.



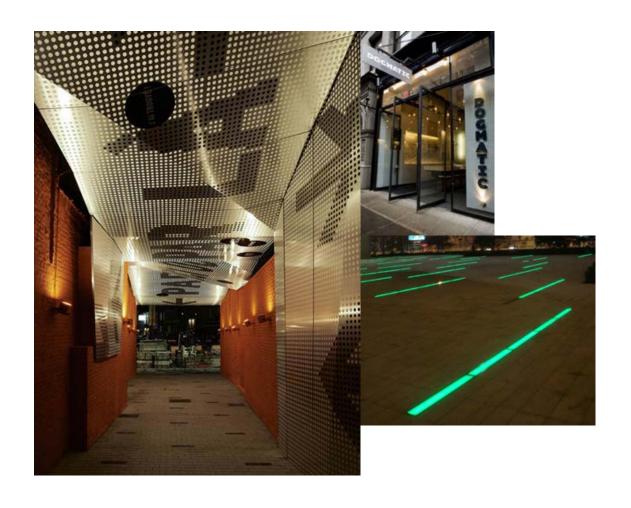
A-31 Design Guidelines

Block 52 East

EDG

VULCAN

12018.00 February 27, 2013





D. Pedestrian Environment

D-1 Pedestrian Open Spaces and Entrances:

-Pedestrian-oriented street lighting, overhead weather protection, street furniture, public art and publicly accessible open space will be employed to enhance the public realm and distinguish entrances.

E. Landscaping

E-1 Reinforce Existing Landscape Character of Neighborhood:

-By thinking of this project as an integrated proposal there is open space provided at both the NE and SE corners of the property. Curb bulbs that mirror those across Harrison are proposed on the NE.

E-2 Landscaping to Enhance the Building and/or Site

-The building will support/ enhance the open space and landscape while the landscape will support and enhance the building. The two entities are strengthened by the presence of the other.





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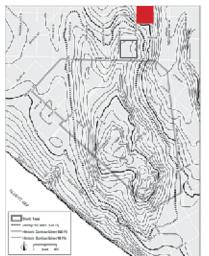
Block 52 East forms what was the northernmost edge of the Denny Regrade, transitioning from the transformed landscape of the Denny Triangle to the now familiar basin that is South Lake Union.

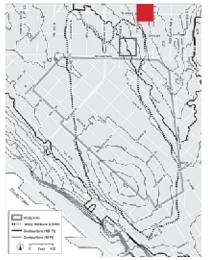




The historic photos from the Regrade era reveal the tremendous transformative nature of this undertaking and its effect on the landscape and Seattle's urban fabric. Throughout its course different properties dealt with this event in many ways, from outright relocation to the stalwart holdouts who ultimately employed considerable ingenuity in attempting to preserve the buildings of the day.

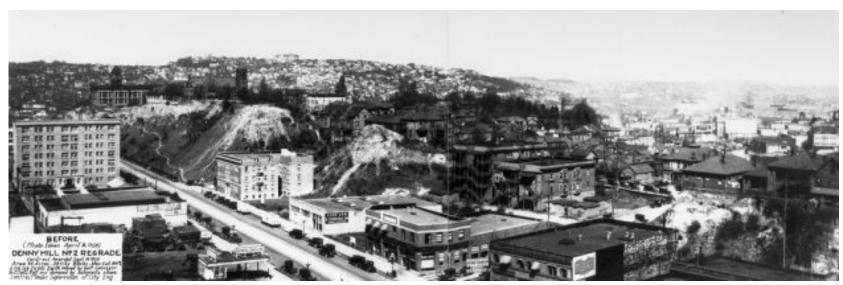
9th and Thomas





Project Site in Red





1906



193





GRAPHITE

A-33 Architectural Concept

Block 52 East

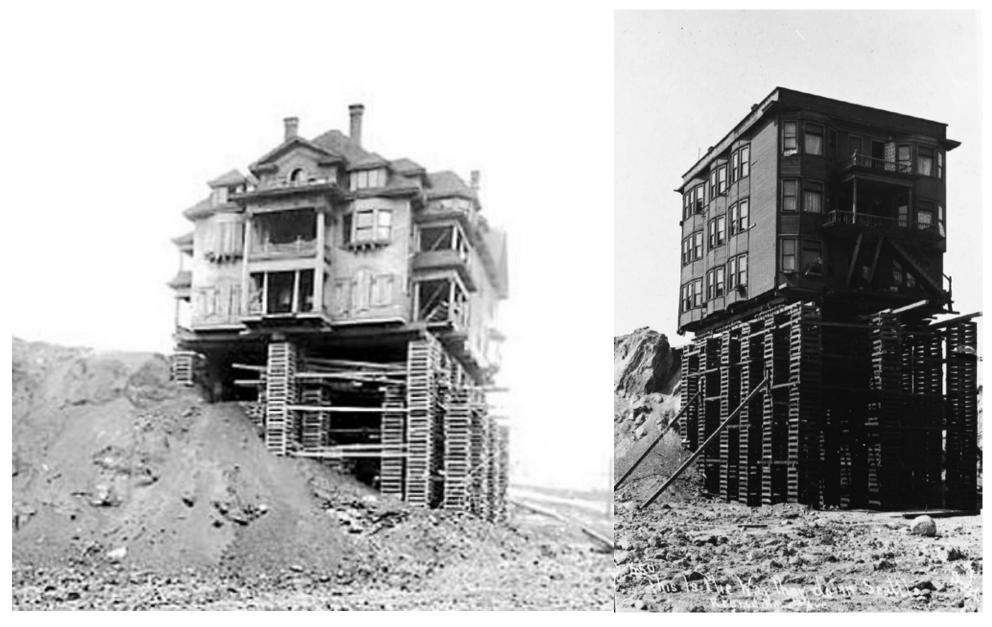
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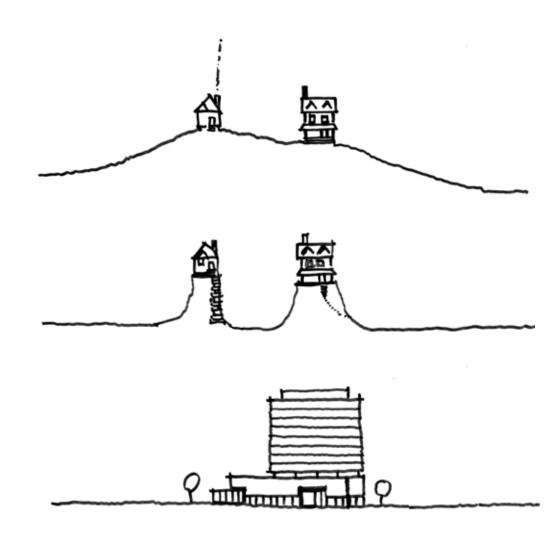
EDG

February 27, 2013



52 East







The design of Block 52 East seeks to draw from various historic cues derived from the Regrade transformation and the landscape and tectonic language accompanying this event.

- Transformation
- Dialogue between podium and tower
- Stacking, assembling, layering
- Interplay of solid and void
- Pattern and articulation







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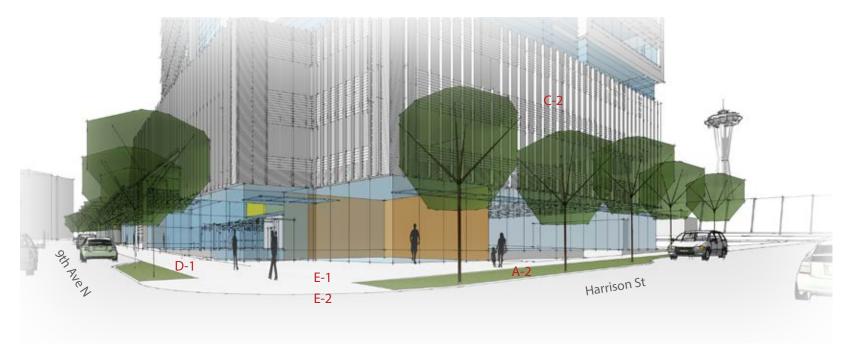
- A-1 Respond to Site Characteristics
- A-2 Streetscape Compatibility
- B-1 Height, Bulk, and Scale Compatibility
- C-1 Architectural Context

- C-2 Architectural Concept & Consistency
- D-1 Pedestrian Open Spaces and Entrances
- E-1 Reinforce Existing Landscape Character of Neighborhood
- E-2 Landscaping to Enhance the Building and/or Site



9th Ave N

Ninth Avenue looking North



Ninth Avenue and Harrison Street

Harrison Street Looking West



Ninth Avenue Looking West







Street trees underplanted with low plantings



Fixed informal seating



Linear Concrete Unit Pavers

Linear Concrete Unit

Understory plantings

Fixed informal seating

2' Ht. Concrete Seat

Concrete Connecting

Stairs through Bamboo Grove

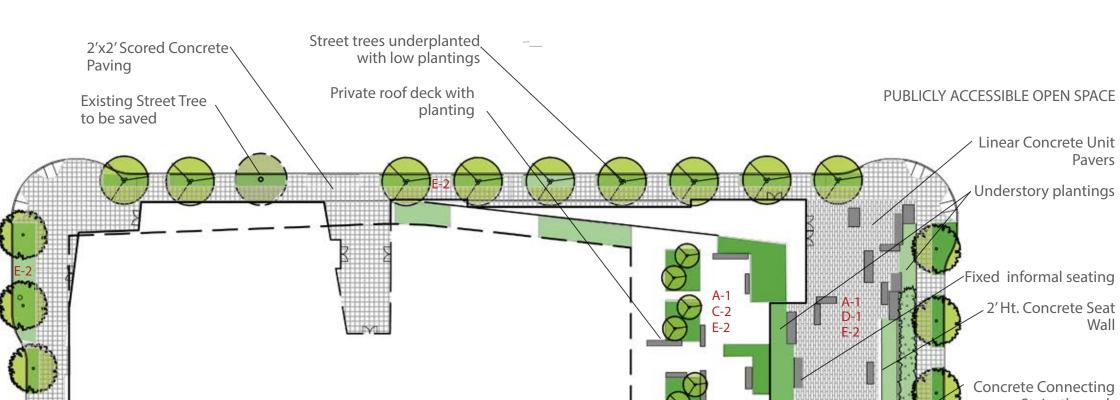
Bamboo Grove 5' Ht. Concrete **Retaining Wall**

Pavers

Wall



Private roof deck with planting





Stairs through Bamboo Grove



