

800 ALASKAN

800 Alaskan Way S, Seattle, WA
Project# 3033083-LU
Design Review Board Recommendation Meeting
November 5, 2019

Project Intention

Development Summary

Located on Alaskan Way across from Colman Dock, 800
Alaskan is at the center of downtown Seattle's waterfront.
The site offers unobstructed views of Elliott Bay and is connected via pedestrian bridge to the ferry terminal.

800 Alaskan is a 519,000 SF, 14-story + penthouse high-rise structure at 190 ft tall consisting of approximately:

- 278 below grade parking stalls on three levels
- 16,700 SF street level retail space
- 209,000 SF commercial office space on seven levels
- 136,000 SF residential space on six levels
- 106 residential units
- · Rooftop residential interior and exterior amenity space
- Exterior terrace at level 5 for office tenants

Development Objectives

Create an iconic gateway to the city and offer new connections to the waterfront.

Reactivate all four street frontages and redefine the new waterfront experience along Alaskan Way.

Offer varied, delightful spatial experiences for tenants of the building and pedestrians.

Respond to urban context through the scale of massing components and simple elegant skin.



Contents

01 Background & Context

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9-Block Area and Existing Structures	4
Design Progression	6

02 EDG Guidance and Response

Concept, Massing and Materials	
Context Informed Modulation	8
Ground Floor Plan and Program	12
Elevations	14
Marion Street Stair	18
Material Expression	22
Landscape	28
Street Level Design	
Alaskan Way	36
Western Ave Vehicular Entry	38
Columbia St	40
Exterior Lighting Plan	42
Departures	48

03 Design Drawings

Updated Massing - Four Corner Perspectives	
Plans	56
Section	68

Section 01 / Background and Context





Section 01 / Background and Context



Section 01 / Board Recommendations & Priorities

EDG Summary

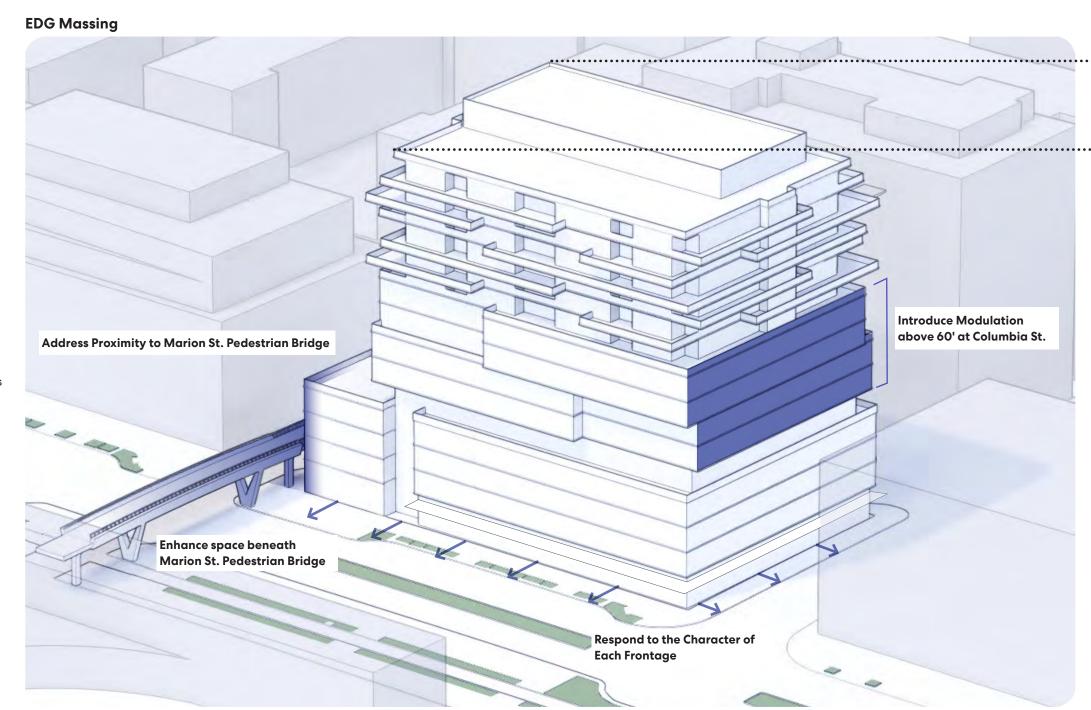
The Design Review Board evaluated three massing concepts at the Early Design Guidance meeting on January 22, 2019 and the board recommended that the project move forward to MUP application with the preferred "Erode" scheme. "Those who supported the [Erode] massing expressed support for the **dynamic, interesting, iconic, and elegant form.**"

Architectural Concept, Massing and Materials

- **1. Study Context and Proportion. S**tudy of how the immediate context has informed building modulation. Studies are provided on pages 8-9.
- 2. Develop the Idea. Provide elevations, sections, and vignettes demonstrating materials, material detailing and material transitions at all levels of the structure. Requested drawings are provided on pages 12-27.
- **3. Illustrate Office Expression.** Provide further detail on how the office use is articulated at the exterior of the building. See section perspectives on pages 25 and 27.
- 4. Develop the Fifth Facade. Include composite hardscape/landscape plans demonstrating the roof has been developed as a fifth building facade. See aerial rendering and landscape proposal on pages 28-33.

Street Level Design

- Address Proximity to Marion St. Pedestrian Bridge. Demonstrate how
 pedestrians will be drawn from the bridge into ground level retail space and
 provide information about the relationship of the space adjacent to the
 bridge. See pages 20-23.
- 2. Enhance space benath the Marion St. Pedestrian Bridge. Show how space beneath the bridge has been developed as a Green Street maximizing pedestrian comfort and safety and study overhead weather protection at entries. See pages 18-23, 31, and 45.
- 3. Respond to the Character of each Frontage. Demonstrate how each street scape responds to the unique character of that street and provide drawings that remonstrate materials, material detailing and transitions. See pages 18-21 and 36-41.



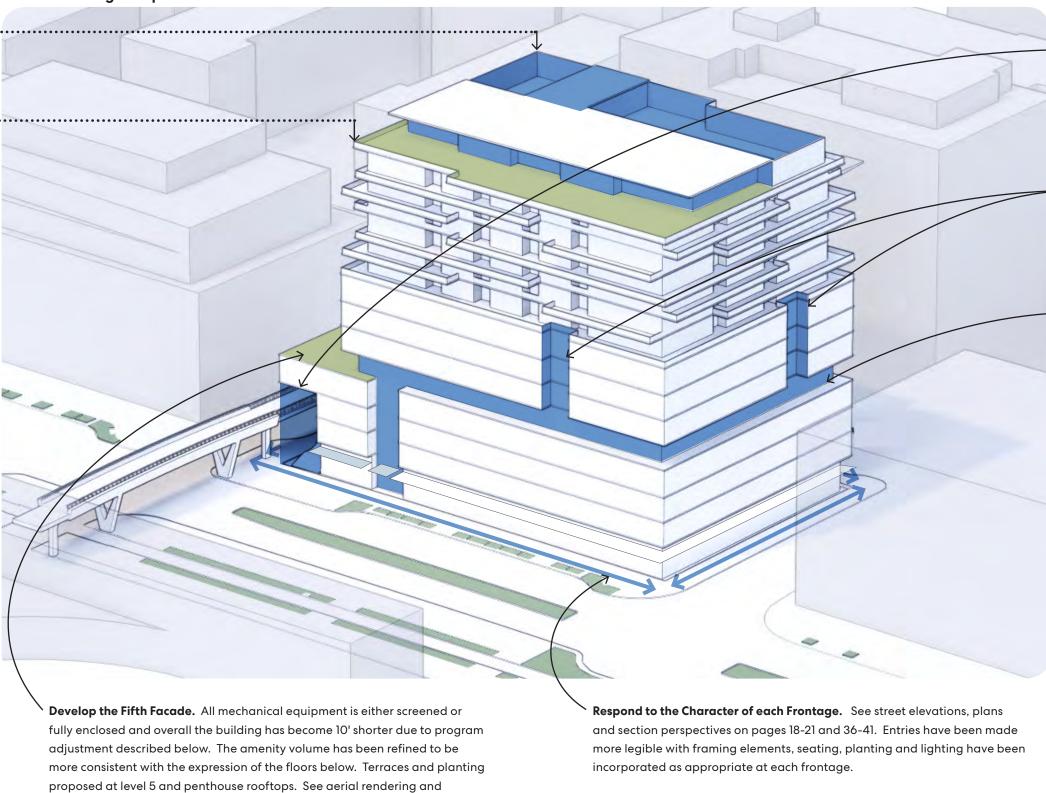
Departures

- 1. Facade Modulation SMC 23.49.058 B2. The board indicated early support for departure along Alaskan Way and Western Ave, but did not support departure along Columbia St. See page 51 for updated request.
- 2. Overhead Weather Protection SMC 23.49.018. The board indicated early support for a departure from overhead weather protection along Marion Street and the northern portions of Western and Alaskan Way as long as weather protection is provided at entries along Marion Street. See page 50 for updated request.

Section 01 / Board Recommendations & Priorities

Current Massing - Response to EDG

landscape proposal on pages 28-31.



Design Development

Massing changes are summarized below. Other design refinements are described by other drawings and illustrations provided in this package.

Address Proximity to Marion St. Pedestrian Bridge. A public stair and elevator now provide access between the Marion St. Pedestrian Bridge and street level at Marion St. and Alaskan Way. Retail is proposed beneath the stair where feasible. See pages 18-21.

Introduce Modulation above 60' at Columbia St. The method of modulating the office floors has evolved to further breakdown the scale of the mass and address the board's response to the departure request for unmodulated facade at this frontage. See page 49 for updated request.

Program Adjustment. The interstitial residential floor at level 5 was removed resulting in the building being 10' shorter.

Priority Design Guidelines

Downtown Design Review Guidelines

- Enhance the Skyline (2) B1 Respond to the Neighbourhood Context (2 & 3)
- Create a Transition in Bulk & Scale (1,2 & 3) B2
- Reinforce the Positive Urban Form & Architectural В3 Attributes of the Immediate Area (2 & 3)
- Design a Well-Proportioned & Unified Building (2 & 3)
- Promote Pedestrian Interaction (1) C1
- Design Facades of Many Scales (2 & 3)
- Reinforce Building Entries (1) C4
- E1 Minimize Curb Cut Impacts
- E3 Minimize Presence of Service Areas

Contexual Modulation: North Elevation (South Elevation sim. above 60')





Study Context and Proportion. The proportions of the proposed building are sympathetic to those found in the immediate context.

At EDG, the board agreed that the office podium was appropriately scaled to the existing Alaskan Way context. Additionally, the board was supportive of the massing relief between the podium and tower as well as the placement of the tower justified to the south, which maintains the view corridor along Marion.



Enhance the Skyline

The eroded form of the tower is unique along the waterfront.



Respond to the Neighborhood Context

The scale of the modulation becomes smaller as the building ascends. Larger volumes at the base relate to the simple, historic forms of the adjacent buildings along Alaskan Way.



Create a Transition in Bulk and Scale

The building is composed of parts sympathetic in scale to the surroundings as shown in the analysis above.

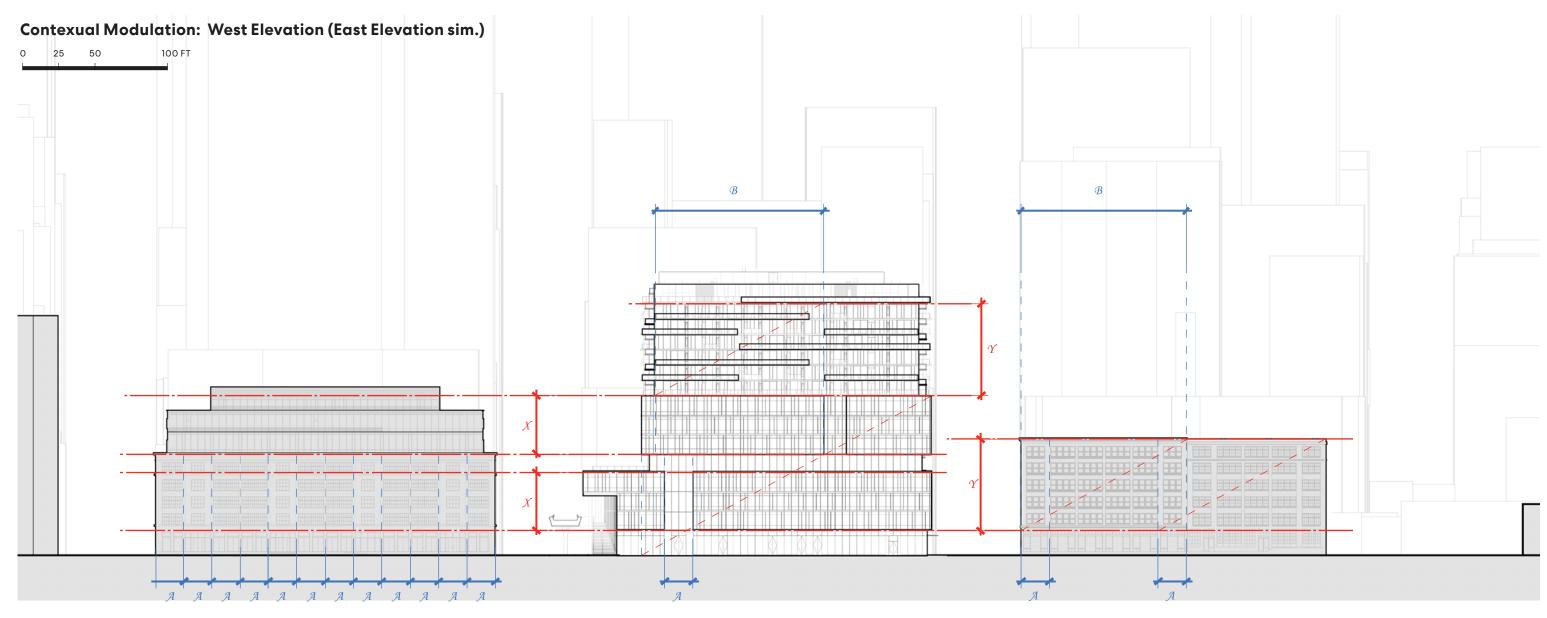


Reinforce the Positive Urban Form & Architectural Attributes of the Immediate Area

The blocks to the north and south of the site share a similar built footprint to the proposed project and are characterized by buildings that have the same treatment at all frontages (no apparent front or back). Similarly, all four of the 800 Alaskan street facing elevations are proposed to be unified in expression.

The facades of the adjacent buildings rationally convey internal structure. To optimize views, a highly transparent envelope with a syncopated but regular rhythm that reinforces the horizontal is proposed.







The outer most extents of the balconies align with the office volume below and the expression of the horizontal slab edge unites the form while honestly conveying the program within.



Retail space with a high level of transparency and 18-foot floor to floor height is proposed along all street frontages to the greatest extent possible. The Marion St. Pedestrian stair engages commuters with the building.



Refinforce Building Entries

Entries are reinforced through building form and an interior atrium. The entry is clearly identifiable and visible from Alaskan Way (similar at Western Avenue). Sufficient lighting and weather protection is proposed at entries to ensure security and positive pedestrian experience. The primary retail entries respond to contextual patterns.

EDG Massing



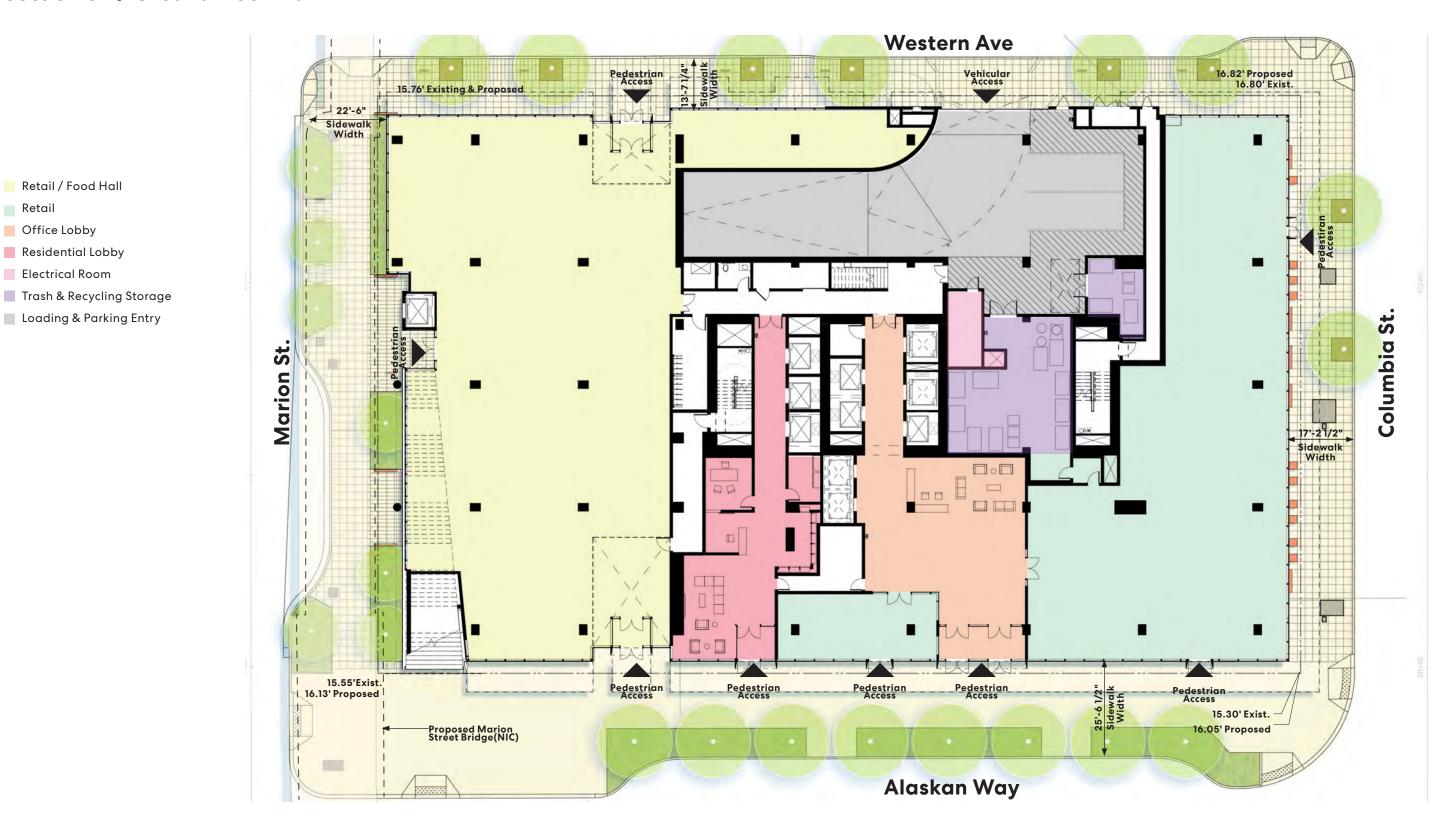
Current Massing



Retail

Office Lobby

Section 02 / Ground Floor Plan





Section 02 / Ground Floor Program

Food Hall



Central Market - Denver, CO



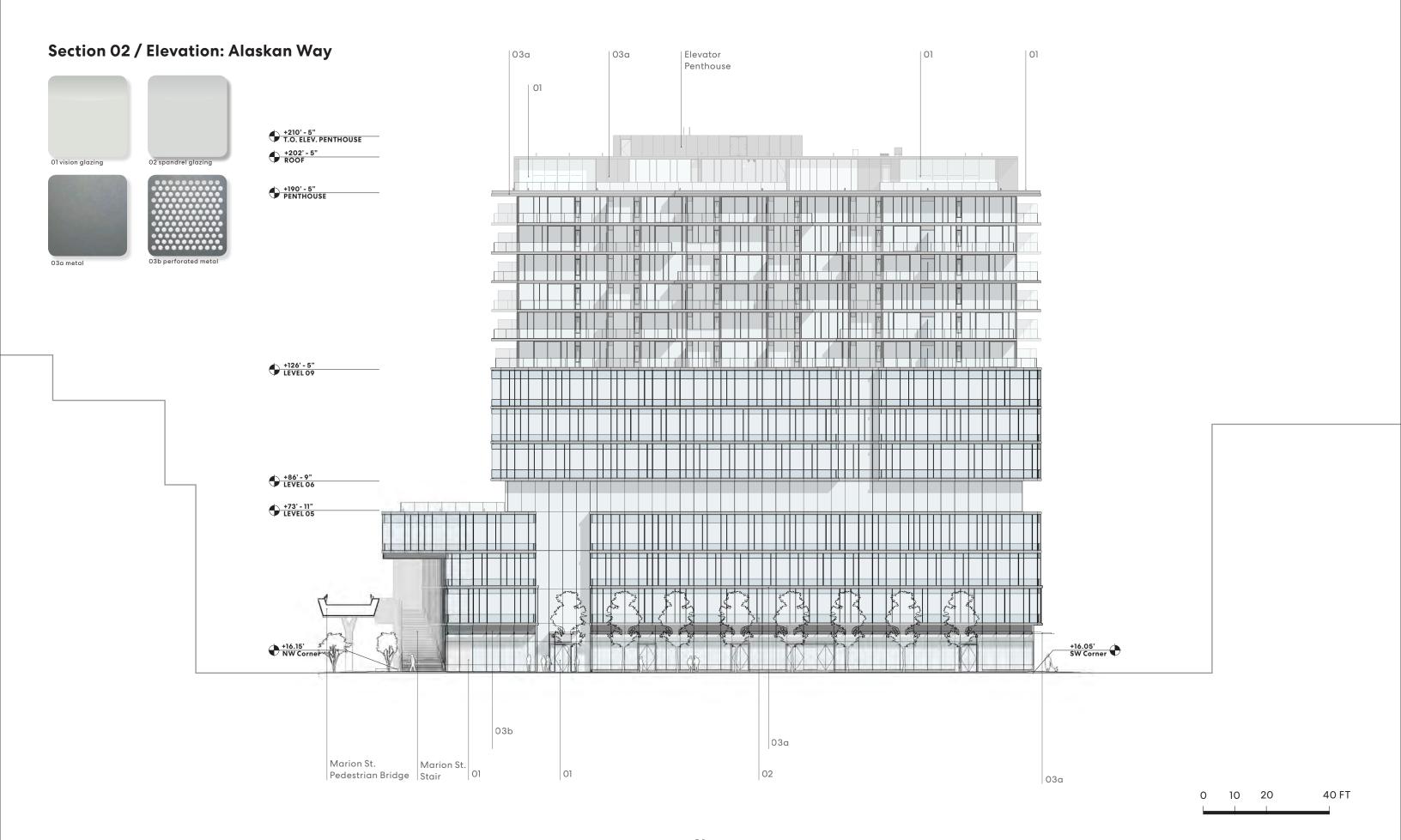
400 Fairview - Seattle, WA

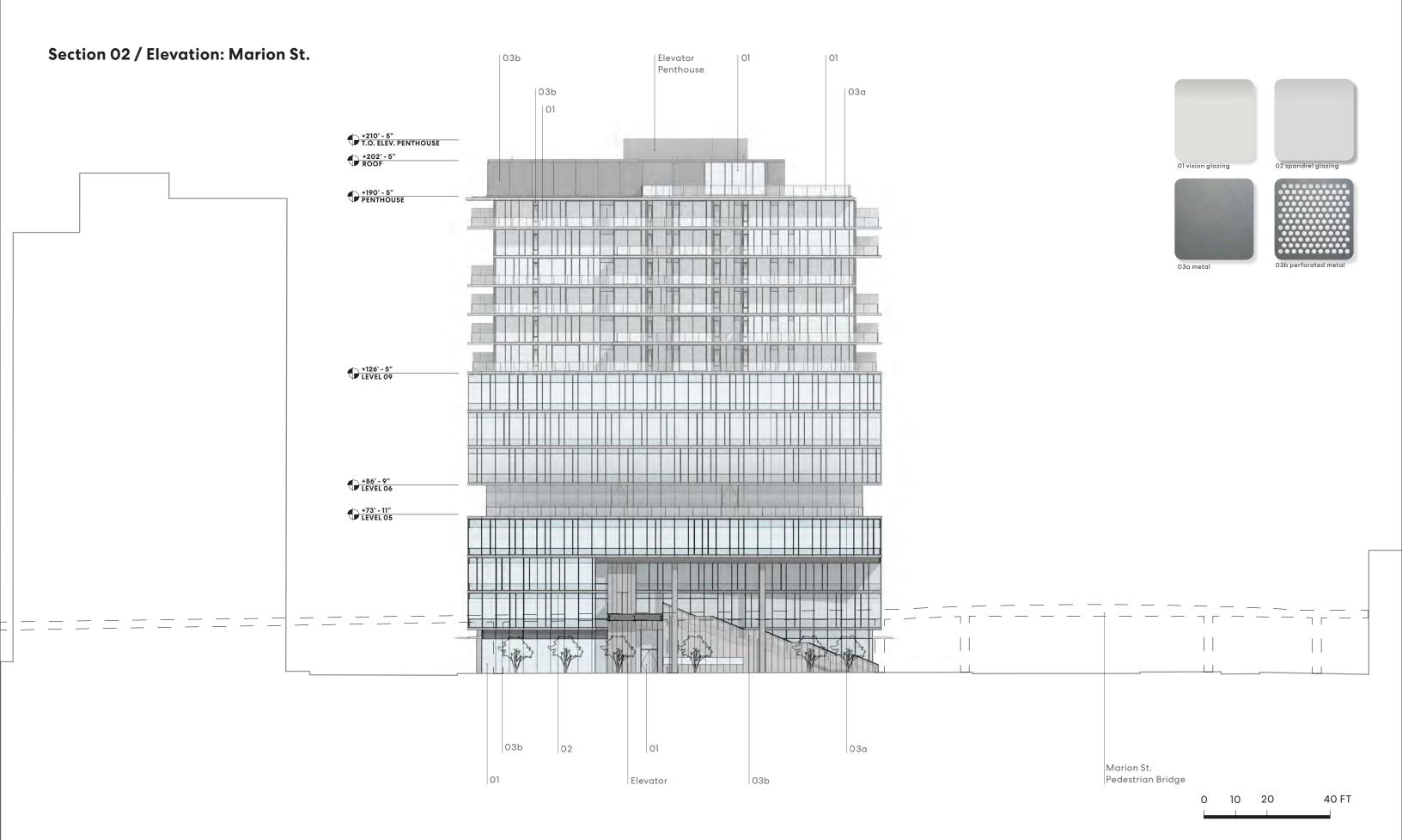


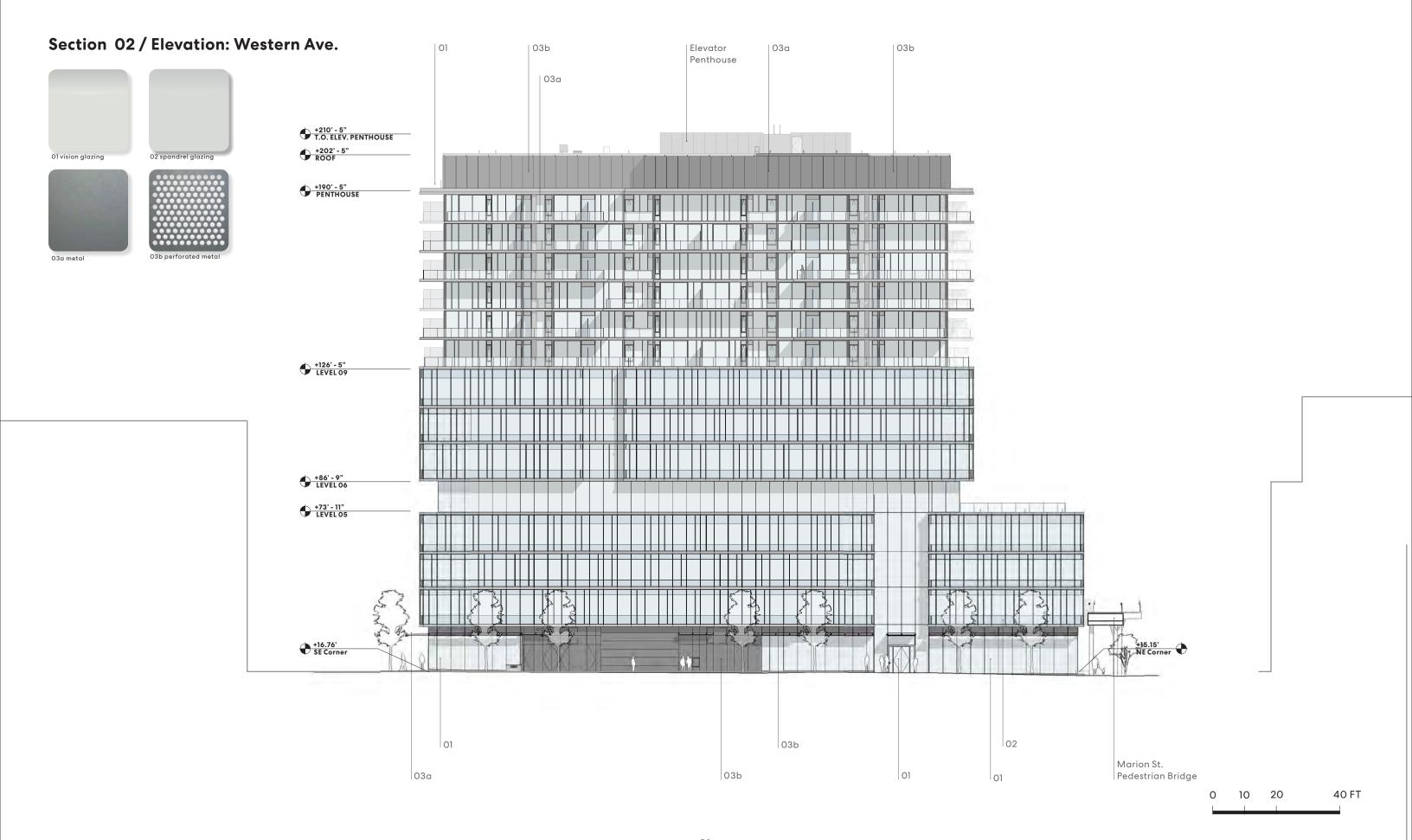
Auction House Market - New Orleans, LA



Union Market - Washington, DC









Perkins&Will

Section 02 / Marion St. Stair

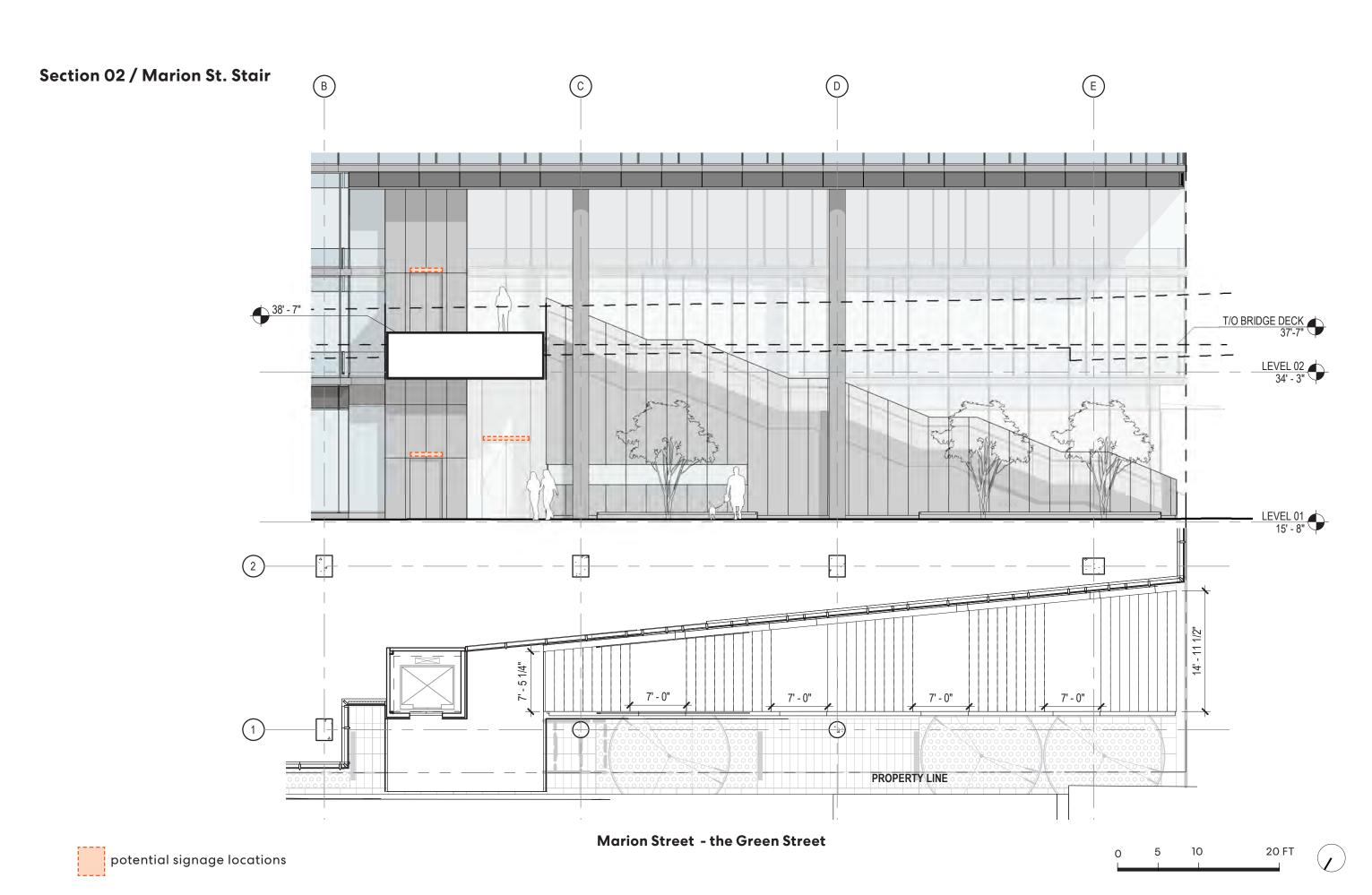
Address Proximity to Marion St. Pedestrian Bridge. The incorporation of a public stair and elevator has provided the link that was absent at EDG between the ground level retail space and the pedestrian bridge.

A much shorter portion of the building runs parallel to the bridge and is set back 5' to provide visual relief. Please see below for previous studies of the building's relationship to the bridge below with varying set backs.





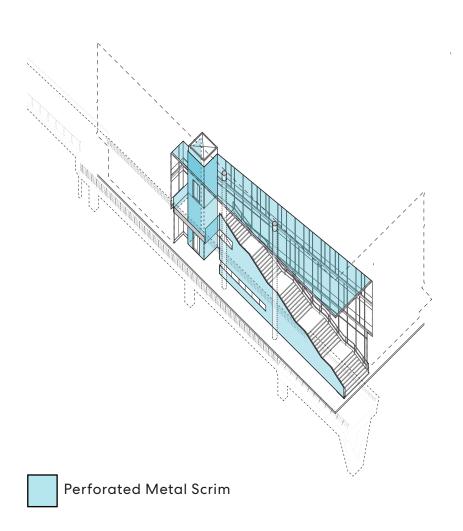


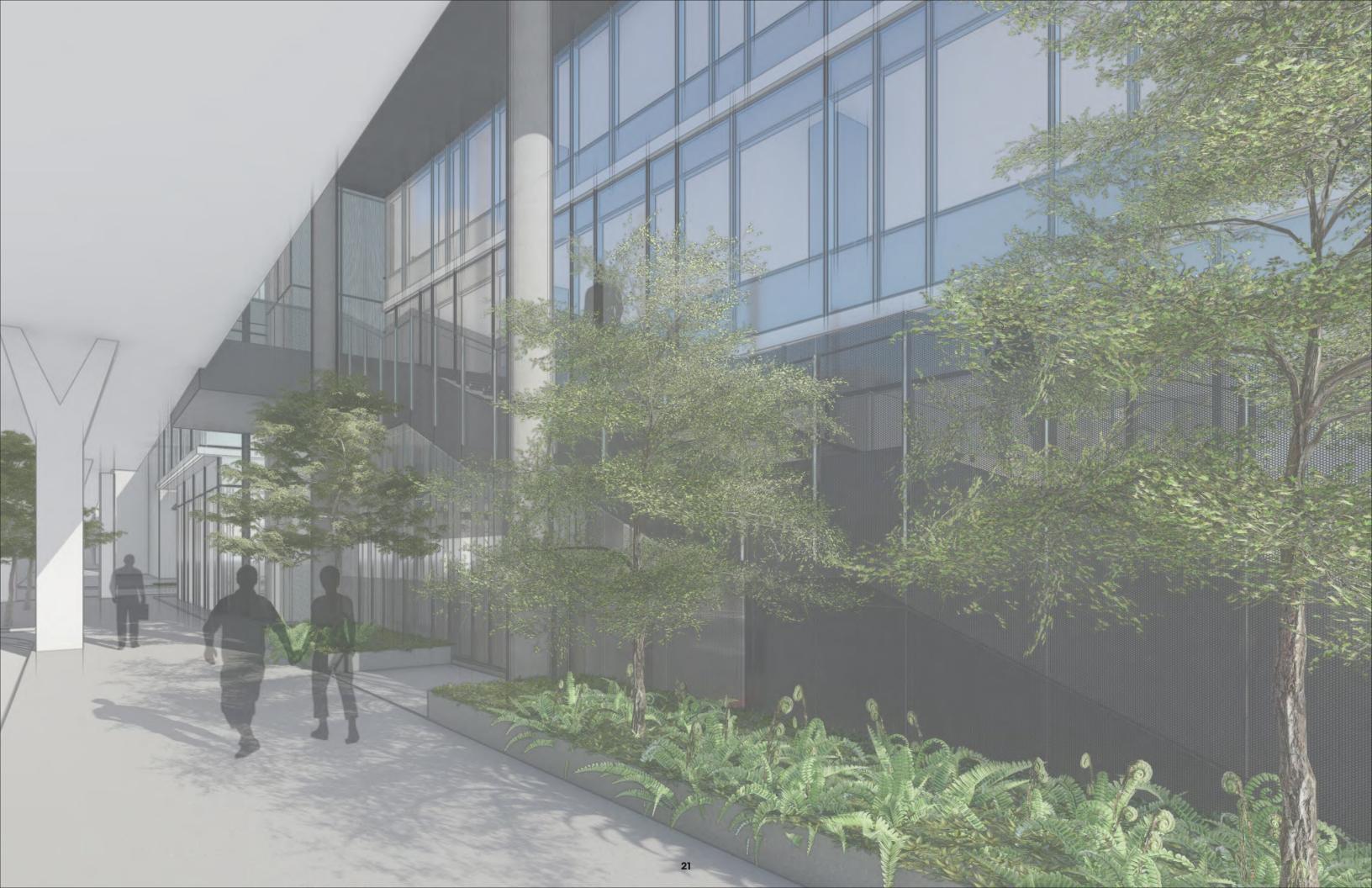


Section 02 / Marion St. Stair



Enhance space benath the Marion St. Pedestrian Bridge. A green buffer softens the Marion St. pedestrian experience adjacent to the public stair. A highly transparent perforated metal scrim unifies the stair, elevator and soffit above.







The material expression of the addition takes cues from the restrained palette of the historic building.







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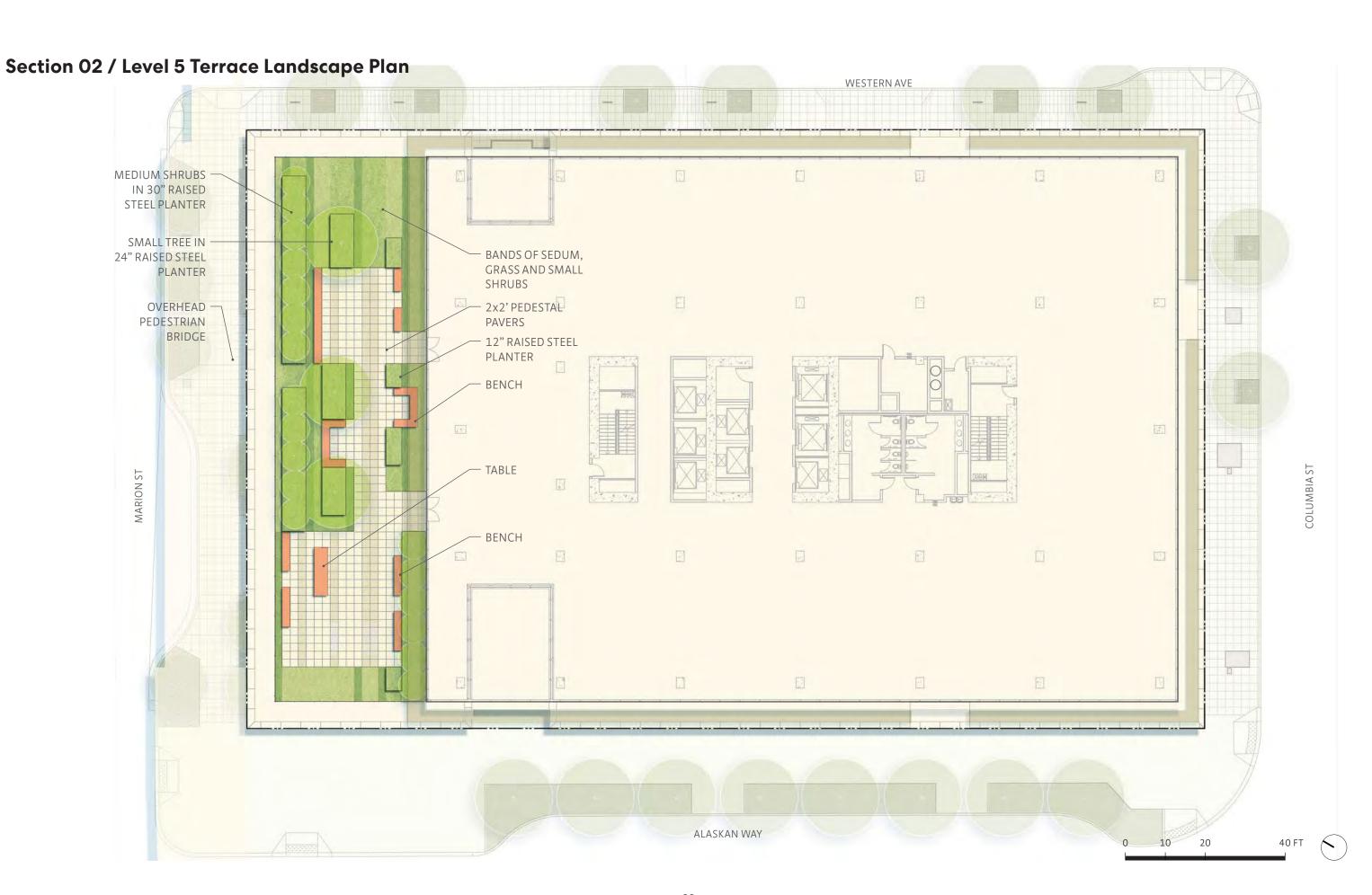


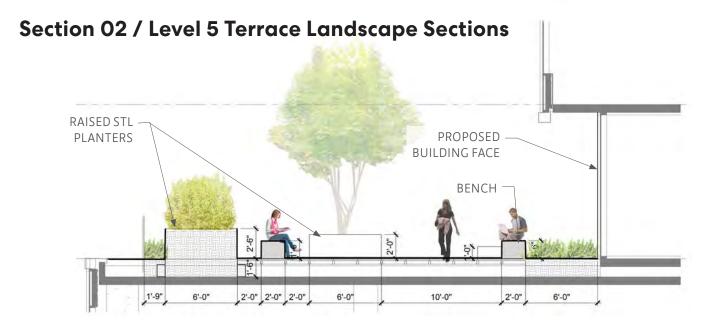
The material expression of the addition takes cues from the restrained palette of the historic building.

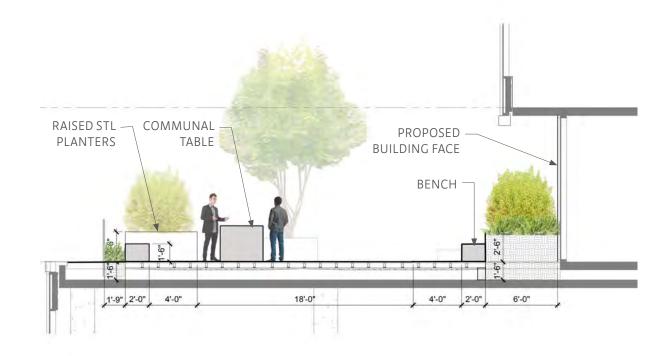






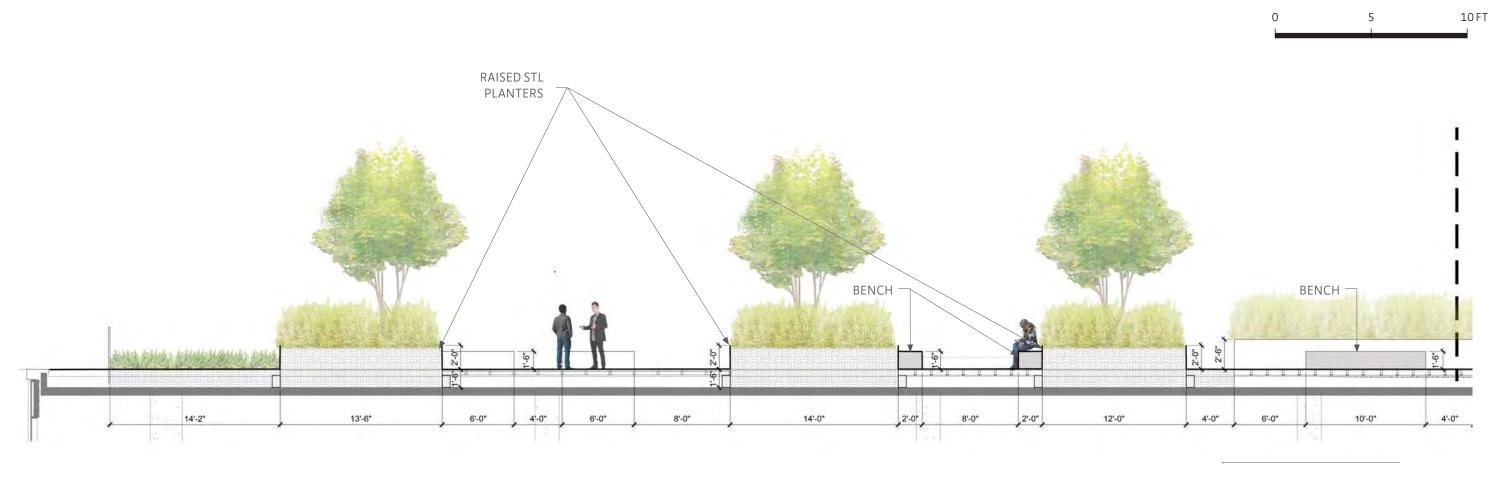


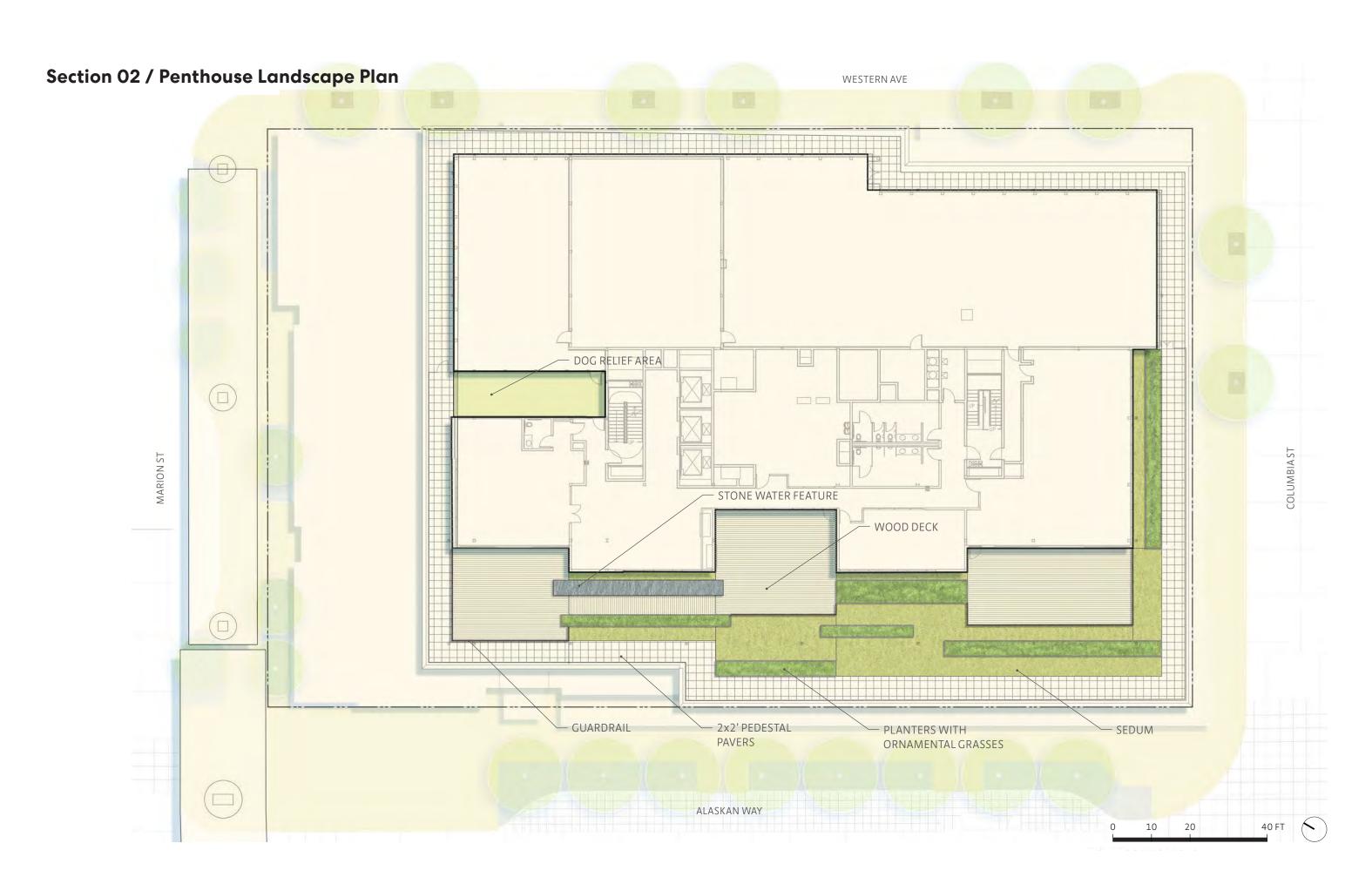




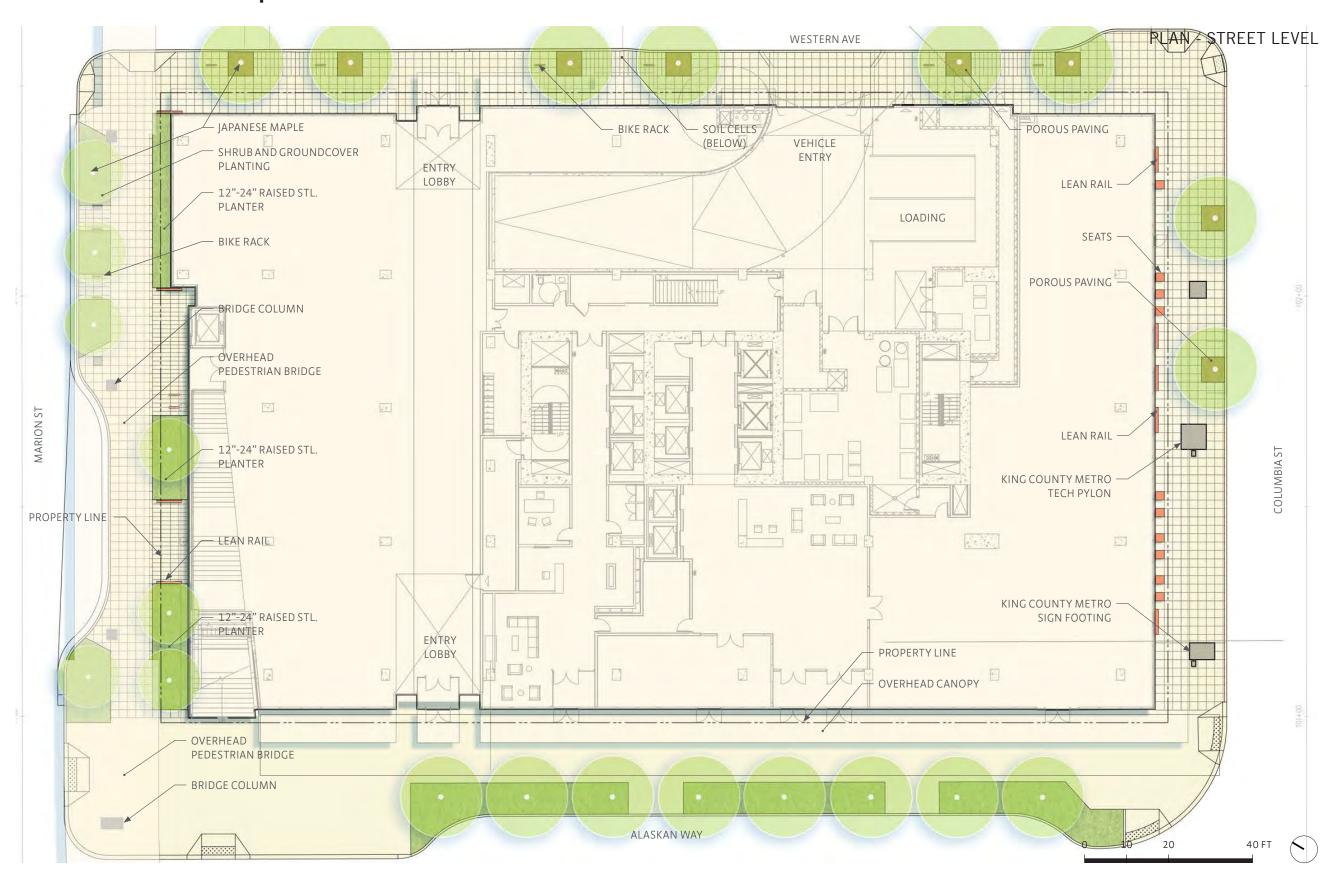
LEVEL 5 TERRACE SECTION AT NORTHEAST SEATING AREA

LEVEL 5 TERRACE SECTION AT SOUTHWEST DECK

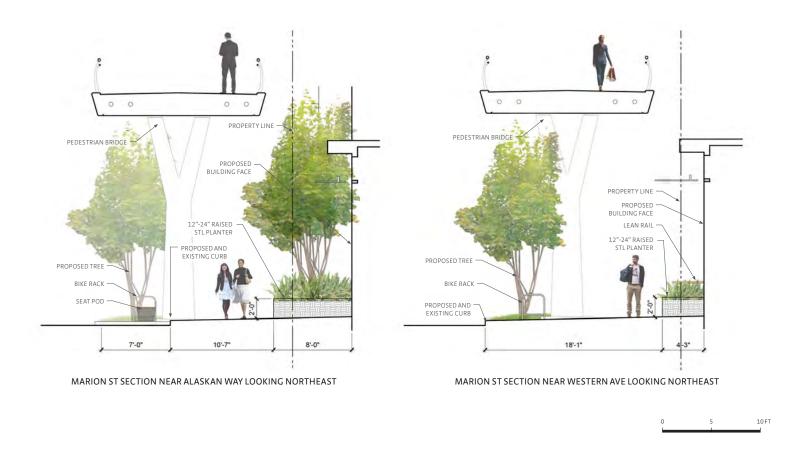




Section 02 / Ground Level Landscape Plan



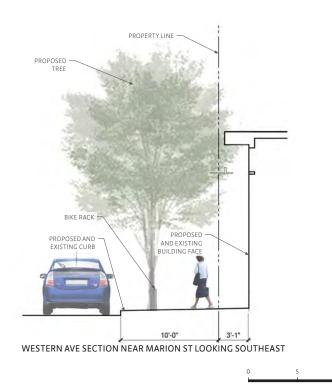
Section 02 / Ground Level Landscape Right of Way Sections





PROPOSED AND EXISTING CURB BUILDING FACE

WESTERN AVENUE SECTION NEAR COMLUMBIA ST LOOKING SOUTHEAST



Section 02 / Landscape - Plantings

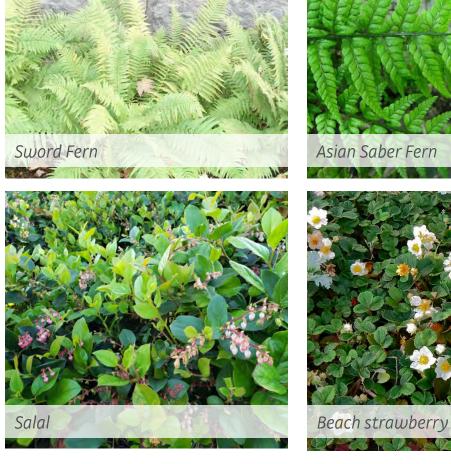
WESTERN AVE AND COLUMBIA STREET TREES







MARION STREET SITE PLANTERS





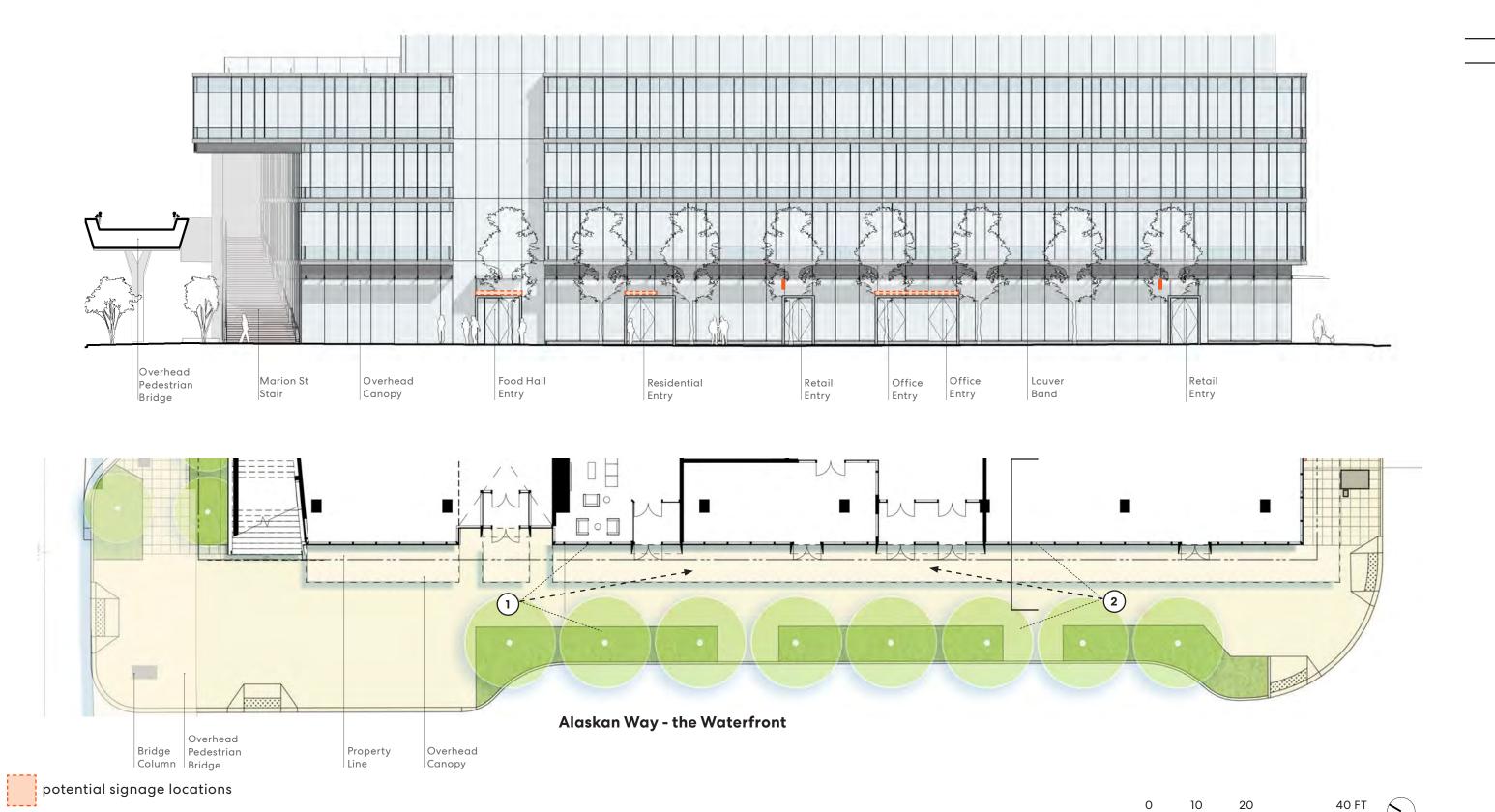




Section 02 / Landscape - Plantings



Section 02 / Street Level Design: Alaskan Way



Section 02 / Street Level Design: Alaskan Way





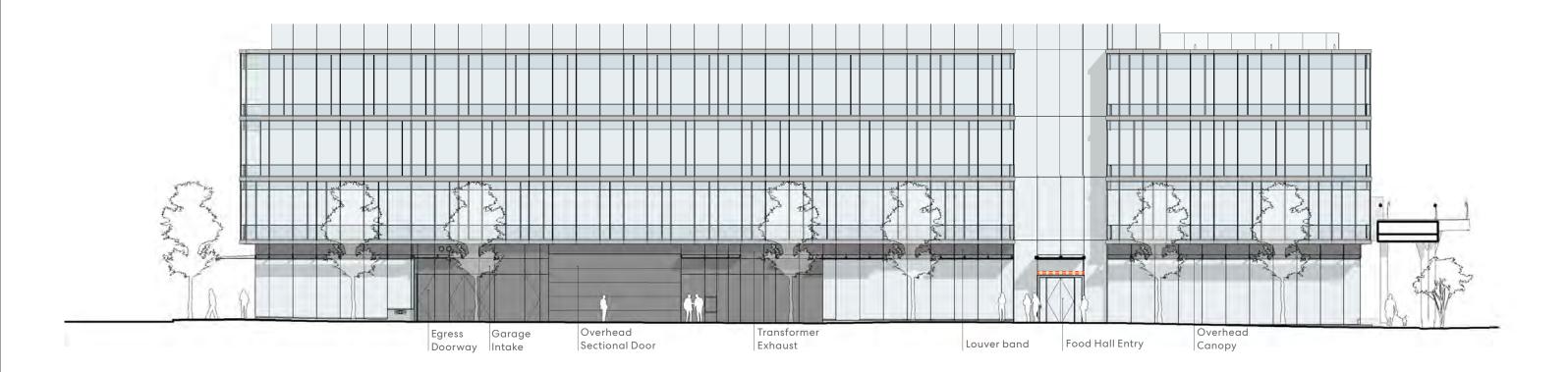
1 View looking towards Marion St

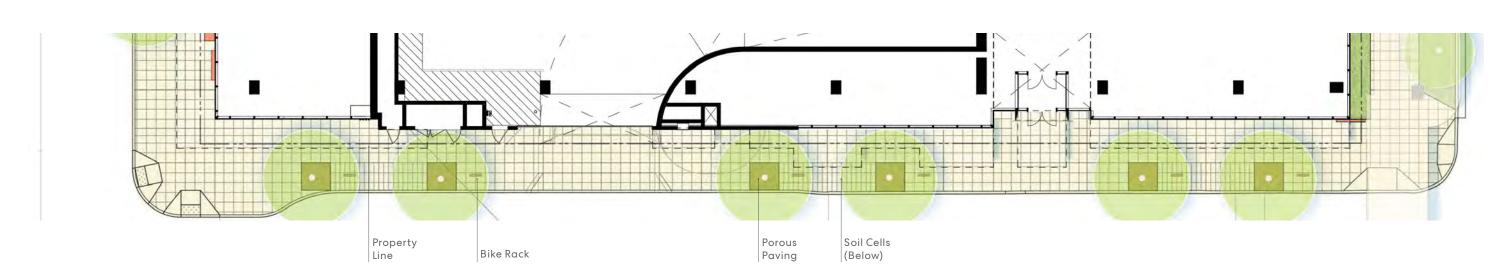


2 View looking towards Columbia St



Section 02 / Street Level Design: Western Ave





Western Avenue - the "Quiet" Retail Street

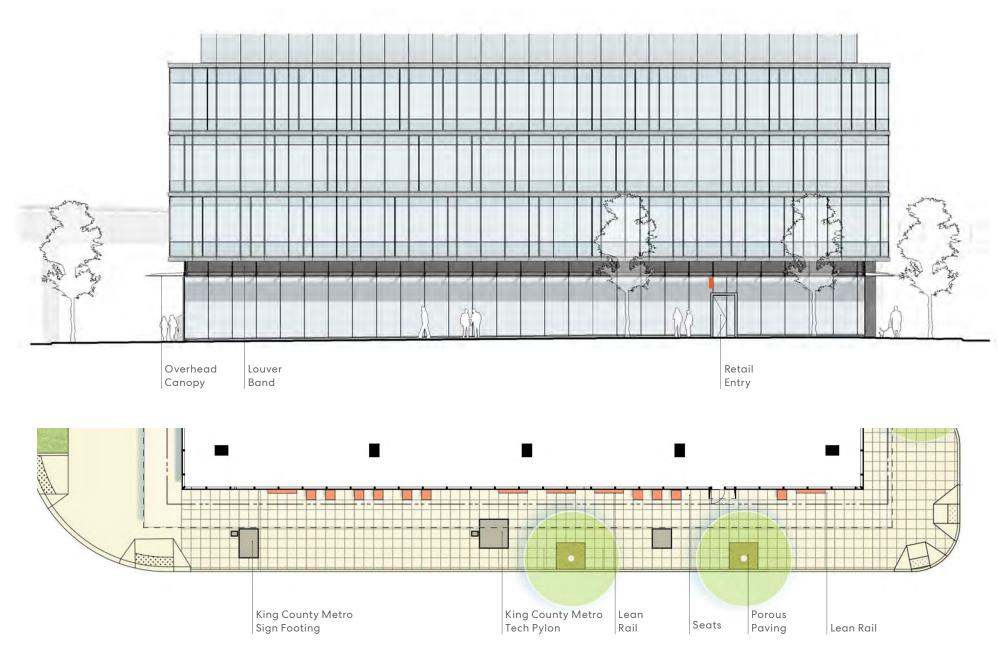




Section 02 / Street Level Design: Western Ave



Section 02 / Street Level Design: Columbia st.



Columbia Street - A Bustling Mobility Hub

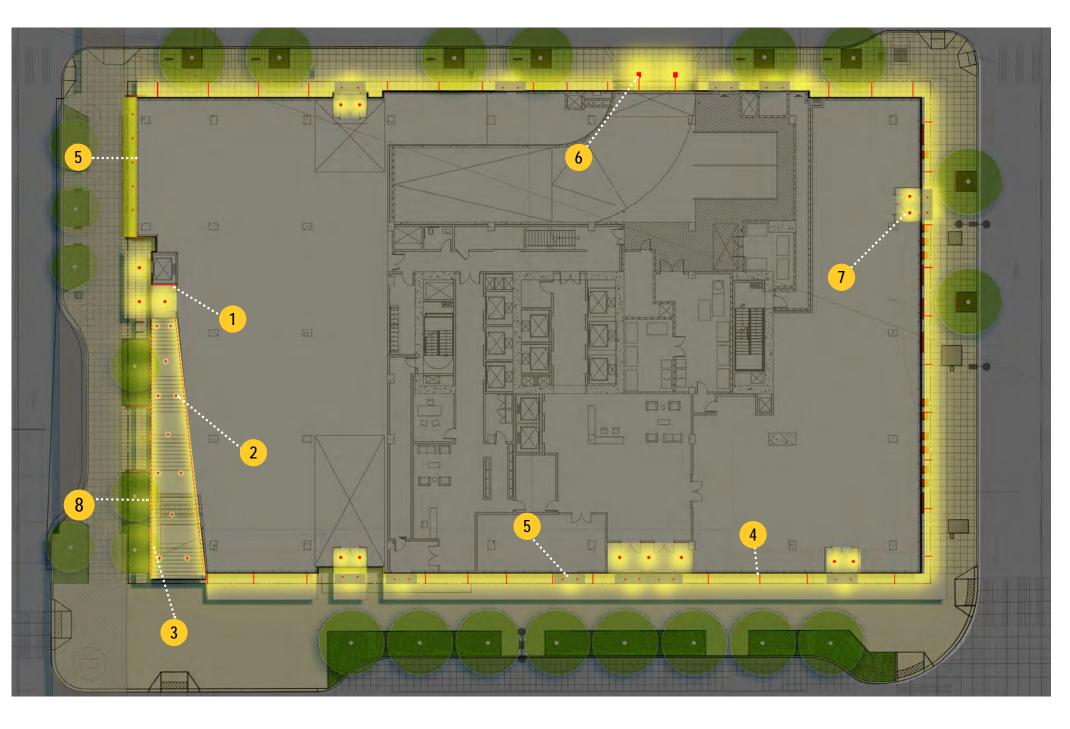




Section 02 / Street Level Design: Columbia St.







1.0 Lighting Goals

This chapter outlines broader goals and strategies for the lighting design approach for the functional, landscape and façade elements of the project. This chapter primarily addresses specifics related to lighting for exterior environment which influences luminaire optical selections, lamping, and final layouts. Lighting solutions proposed here are expected to meet quality, quantity, and operational criteria as set forth by the project's design team.

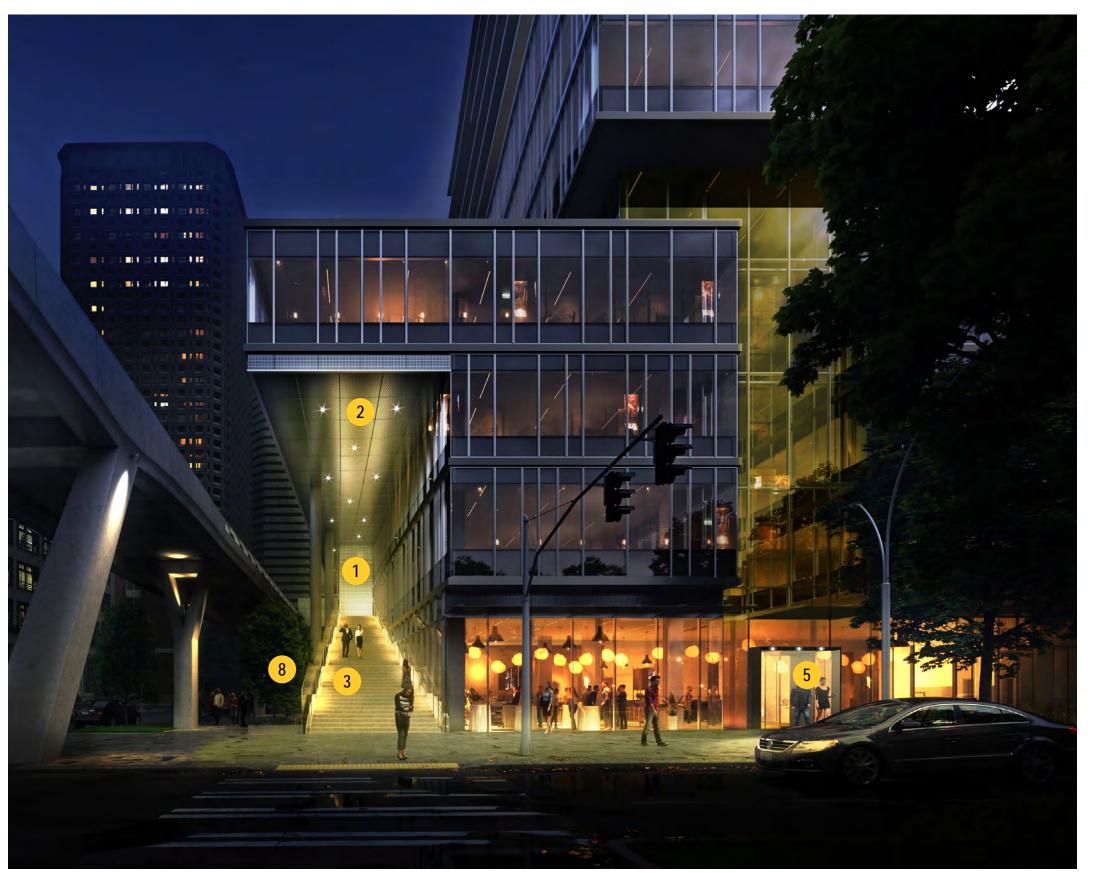
While the proposed lighting will be supportive of anticipated functions and tasks, it will also be within the power and energy limits as per prevailing and fit within night-environment compliance.

Luminaires specified for the project will have full cut-off optics. Lighting Power Density (LPD) and the Lighting Controls for the project-wide Lighting will complylocal codes. Wherever possible, light sources willbeconcealedwithinarchitecturalandlandscape features such as hand-rails, benches, canopies, etc. with a design goal to softly illuminate surfaces without revealing their location. Areas concerning public safety, security and way-finding, a more pronounced lighting emphasis will be provided.

Level 01 Lighting Plan

- 1 Back-lit Public Art Installation for Visual interest and aid Wayfinding
- 2 Ceiling integrated down-lights
- Railing integrated light
- Canopy integrated general lighting for building perimeter illumination 5 Entry frame integrated lighting. 6 Wall mounted luminaire for

- areas illumination at the vehicular entry/exit point
- 7 Downlight at the Vestibules
- 8 Screen Wall integrated light for pedestrians on Marion St.



1.1.2 Level One - Grand Stair

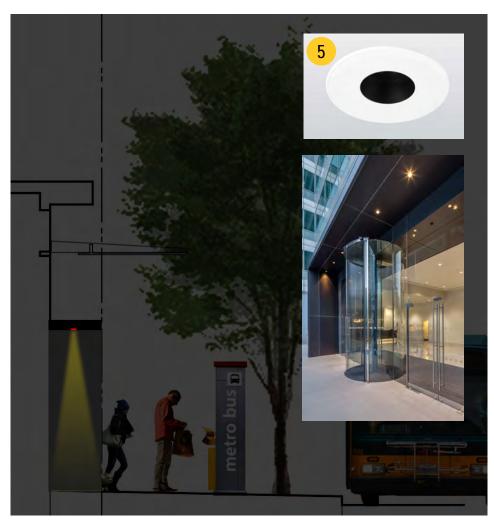




Design Intent:

Being a public part of the development, this space must serve multiple visual needs. From the public safety standpoint, the space will need adequate illumination at the stairs. From an urban design standpoint, the space will complement the vibrant and dynamic aspects of the city life. While serving these needs, the lighting has to meet the stringent environmental and energy standards of light trace-pass and optimized energy consumption.











1.1.3 Level One - Perimeter

Design Intent:

Being a public part of the development, this space must serve multiple visual needs. From the public safety standpoint, the space will need adequate illumination at the building perimeter, while providing way-finding destinations to various entry/exit points. Lighting also has to meet the stringent environmental and energy standards of light trace-pass and optimized energy consumption.

Light element (4) will provide a general layer of ambient illumination all across the perimeter of the building. Luminaire will be visually concealed and integrated with the support brackets of the canopy. Light element (5) will serve as a marker-light at the entry/exit points while providing functional and higher levels of illumination at the floor plane. Light element (6) is a functional area luminaire that will provide higher illumination at the Vehicular Entry/Exit point of the building. Light element (7) will provide a general layer of ambient illumination all across the vestibules. On the Marion St., downlight (5) will be installed in the soffit on east side of the building, and surface mounted fixtures (8) integrated with the screen wall of the stair.











1.2.1 Level Five - Landscape

Design Intent:

Landscape lighting will be provided to preserve nocturnal experienceand reduce light pollution. It will be characterized by low levels of soft illumination, mostly confined to floor level with light sources concealed from normal view of sight.

Light element (9) will be seamlessly integrated with the seating bench with a purpose to wash the floor surface, that serves as a general illumination for the space. Ceiling recessed downlight (7) will provide general illumination at the entry points of the building. Light element (8) is proposed at the Residential balconies, as a low intensity uplight integrated with the paving.



1.3.1 Level 15 Penthouse

Design Intent:

Lighitng for the tenant terrace will be integrated with the soffit to provide low level of general illumination to the space. More functional lighting will be provided to the service corridor of this floor that could be turned on only when required by the facilities personal.

Light element (7) is a low-glare, ceiling recessed luminaire. Where as light element (11) is a utilitarian wall mounted luminaire with full cut-off optics.





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Overhead Weather Protection

Code Citation

Code Requirement

23.49.018.B

Overhead weather protection shall have a minimum dimension of eight (8) feet measured horizontally from the building wall or must extend to a line two (2) feet from the curb line, whichever is less.

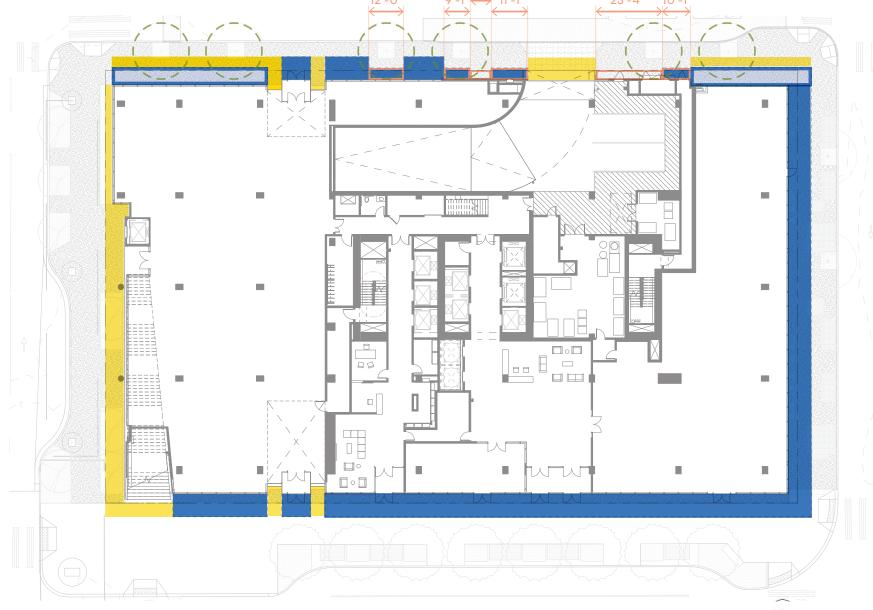
Proposed Design Departure

Along Western Avenue, overhead weather protection with a minimum depth of 8 feet from building face is required. At limited locations, overhead weather protection is eliminated where it would otherwise be required or a 4'-2" depth is proposed. Please see below for locations where a departure is requested and for areas where overhead weather protection is not required due to setbacks or landscape buffers per SMC 12.49.018B. The total length of facade where a departure is requested from overhead weather protection depth requirements is 42'-3". The total length of facade where a departure is requested from overhead weather protection all together is 30'-7".

Rationale

Overhead weather protection less than 8 feet deep accommodates required street trees along Western that enhance the pedestrian environment per **Downtown Design Guideline B3.3**. Trees are required to have a 5-foot wide canopy clearance, which would otherwise conflict with the overhead weather protection. In order to reduce conflicts between required overhead weather protection and tree canopies, portions of the facade have been set back in order to be exempted from overhead weather protection requirements, or the overhead weather protection depth has been reduced.

There are two locations where overhead weather protection has been eliminated in order to accommodate SCL transformer exhaust louvers and garage intake louvers. The site is not abutted by an alley and efforts have been made to consolidate and reduce the impact of all building services along the street frontage per Downtown per **Downtown Design Guideline E3.1**.



8'-0" overhead weather protection depth

5'-11" overhead weather protection depth

4'-2" overhead weather protection depth (departure requested)

No overhead weather protection (departure requested)

No overhead weather protection required per SMC 23.49.018A. The following portions of facade are exempt from overhead weather protection: areas located farther than five feet from street property line, areas separated from the street property line by a landscaped areas at least two feet in width, driveways into structures or loading docks

Facade Modulation

Code Citation

23.49.058.B.2.c

Code Requirement

The maximum length of a facade without modulation is prescribed in Table A for 23.49.058. This maximum length shall be measured parallel to each street lot line, and shall apply to any portion of a facade, including projections such as balconies, that is located within 15 feet of street lot lines.

Table A for 23.49.058

0 to 60	No limit
Above 60	125

Proposed Design Departure

The code states that unmodulated lengths of facade within 15 feet of the property line cannot exceed 125 feet in length above 60 feet.

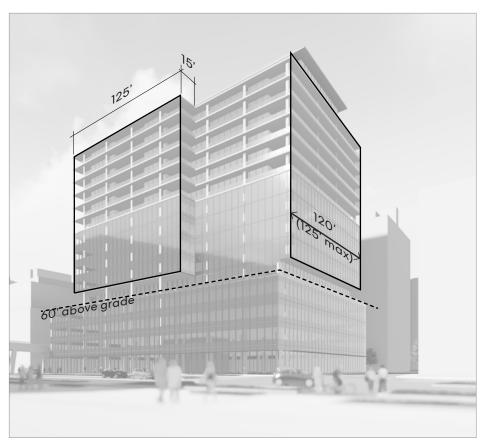
	Street	Elevation	Length of Unmodulated Facade
	Alaskan Way	60'; 158'; 190'	188'; 130'; 130'
	Western Ave	60'; 147'; 168'	188'; 130'; 130'
	Columbia St	60'; 158'; 190'	136'; 147'; 147'

Depths of modulations are shown on design plans in section 03.

Rationale

The highly modulated form meets the intent of the land use code and **Downtown Design Guidelines A2 and B4** through creation of a dynamic and unique facade. Columns are located inboard of the skin at the office volumes which creates the opportunity for more modulation than an extruded form provides.

Some of the zones of non-compliance are marginally above the 125' length limit due to alignments with other elements of the facade in the interest of **Downtown Design Guideline B4**. Overall, the highly modulated form meets the intent of the upper level development standards and creates more visual interest than shown in the code compliant form.



Code compliant form



EDG form with departures (Western Ave elevation is similar to Alaskan Way elevation)



Proposed form with departures (Western Ave elevation is similar to Alaskan Way elevation)

- Length of unmodulated facade exceeds maximum of 125'
- Modulated areas
- Length of unmodulated facade is less than maximum of 125'

Rooftop Coverage

......

23.49.008.D.2

Code Citation

Code Requirement

The following rooftop features are permitted up to the heights indicated below, as long as the combined coverage of all rooftop features, whether or not listed in this subsection 23.49.008.D.2, does not exceed... 35 percent of the roof area for other structures: solar collectors, stair penthouses, play equipment, covered or enclosed common recreation, mechanical equipment, and wind turbines. Elevator penthouses are permitted up to 23-25 feet above the applicable height limit depending on elevator cab height.

Screened mechanical equipment is permitted to exceed the maximum percentage of the combined coverage of all rooftop features as provided in subsection SMC 23.49.008.D.3.b.

Proposed Design Departure

Enclosed common recreation and indoor mechanical area occupies 37% of rooftop area, which exceeds the 35% allowed.

Total Rooftop Area = 28,651 sf

Rooftop Area Permitted to Exceed Height Limit (35%) =

Proposed Enclosed Rooftop Area Exceeding Height Limit (37%) = 10,601 sf

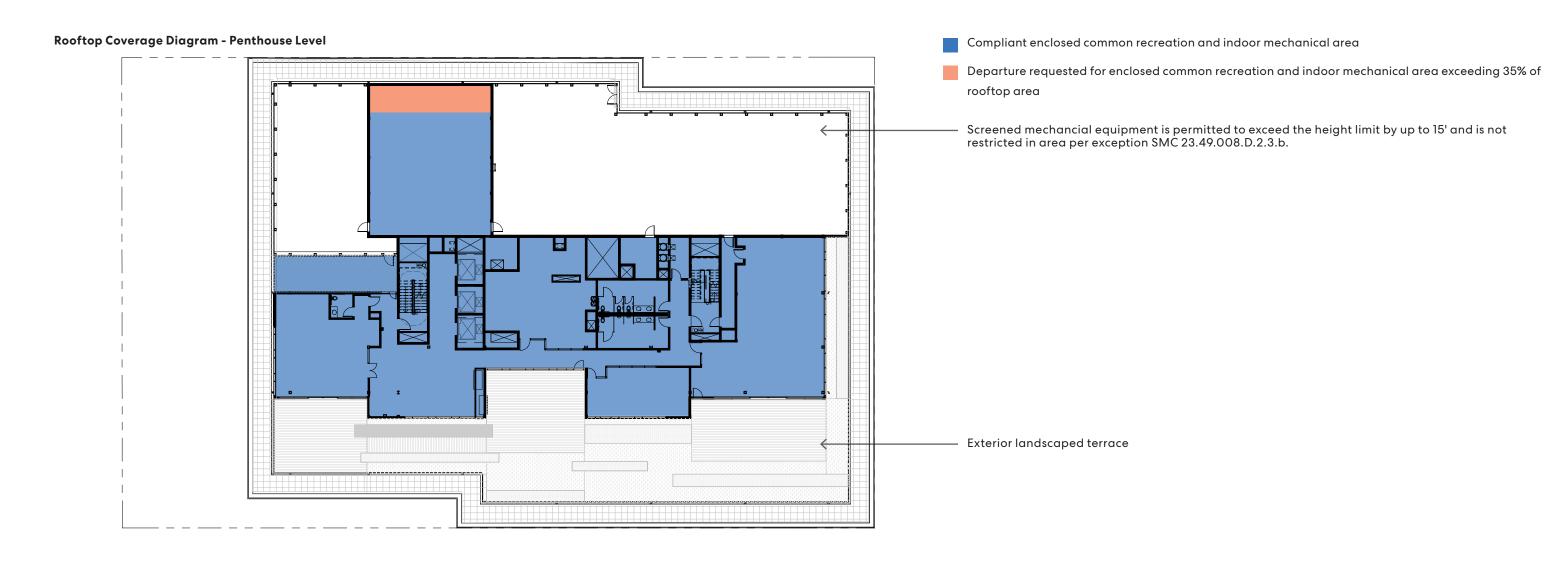
Area for which Departure is requested (2%) = 573 sf

Rationale

10,028 sf

The HVAC and plumbing system requirements for a mixed-use building are greater than would be required for either a single-use office or single-use residential building. Therefore, the rooftop space required for indoor mechanical equipment is larger.

Outdoor mechanical equipment is screened and indoor mechanical area is consolidated to the greatest extent possible in order to enhance the skyline (**Downtown Design Guideline A2**) and organize the fifth facade.



Exemptions from FAR Calculations

Code Citation

Code Requirement

23.49.011.B.1.b.1)

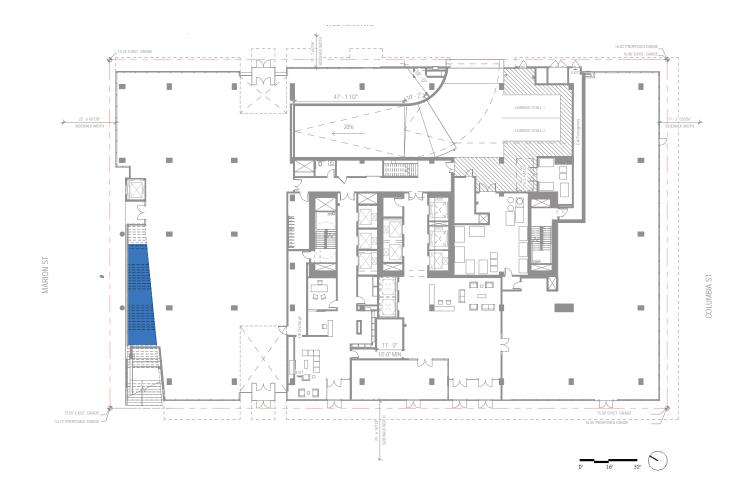
The street level of the structure containing the exempt space has a minimum floor-to-floor height of 13 feet, except that in the DMC 170 zone the street level of the structure containing the exempt space has a minimum floor-to-floor height of 18 feet;

Proposed Design Departure

A minimum 18 foot floor-to-floor height is required at FAR exempt street level use areas in the DMC-170 zone. 464 sf of retail space beneath the proposed green street improvement public stair that provides pedestrian access from the marion street bridge to the sidewalk at Alaskan Way has a floor-to-floor height of between 7'-6" and 17'-11". A departure is proposed to make this space with less than 18'-0" floor-to floor exempt from FAR.

Rationale

The Marion Street Stair and elevator are public amenities providing connection between the pedestrian bridge and the sidewalk that promote pedestrian interaction at the ground level (**Downtown Design Guideline C1**). Retail space beneath the stair is maximized, but due to the presence of the stair, has a floor to floor of less than 18 feet. The retail space meets the intent of creating engaging space at grade.



Floor-to-floor height is between 7'-6" and 17'-11"

(Departure requested from SMC 23.49.011.B.1.B.1)



Blank Facade

Code Citation

Code Requirement

23.49.056.D.2.a

Blank facades shall be no more than 15 feet wide except segments with garage doors may exceed a width of 15 feet and may be as wide as the driveway plus five feet. Blank facade segment width may be increased to 30 feet if a director in a Type I decision determines that the facade segment is enhanced by features with visual interest such as architectural detailing, artwork, landscaping, or similar features.

All portions of blank facade shall be separated by transparent areas at least 2 feet wide.

The total length of blank facade including garage doors shall not exceed 40% of the facade length.

Proposed Design Departure

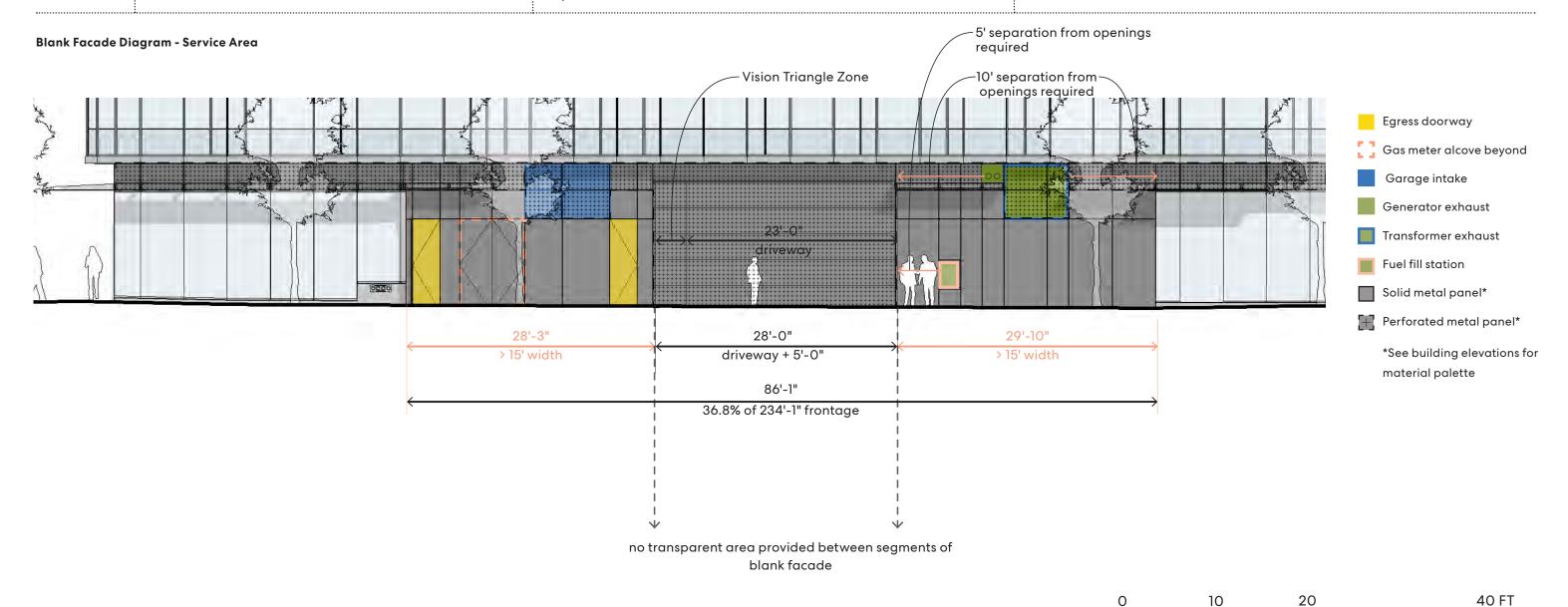
Alaskan Way and Western Ave are Class I Pedestrian Streets, and Marion is Green Street, therefore blank facades along these streets shall be no more than 15 feet and must be separated by transparent areas at least 2 feet wide. A departure is requested from the requirement for transparent areas at least 2 feet wide.

Requested Type I Decision

Alaskan Way and Western Ave are Class I Pedestrian Streets, and Marion is Green Street, therefore blank facades along these streets shall be no more than 15 feet. Two segments of blank facade without a garage door along Western Avenue exceed 15 feet in length at 28'-3" in length and 29'-10" in length. A Type I Decision to increase blank facade segment width to 30 feet is requested.

Rationale

Blank facade segments along Western Avenue accommodate required building services, and cannot be reduced further in size due to required clearances (**Downtown Design Guideline E3**). Efforts have been made to consolidate these services so as to minimize impacts to adjacent retail space and the pedestrian experience along Western Ave. To minimize negative visual impact, the blank facade segment itself will be comprised of an articulated panelized system that integrates with the material palette of the larger building (**Downtown Design Guidelines B4,C2**). The placement of the blank facade segment along Western Avenue is necessitated by the lack of an alley on the block, and in order to minimize curb cut impacts (**Downtown Design Guidelines E1**).



Section 02 / DEPARTURES

Parking Space and Access Standard: Stall Ratio

Code Citation	Code Requirement
23.54.030.B.2.c	When 20 or more parking spaces are provided, a minimum of 35 percent of the parking spaces shall be striped for small vehicles. The minimum required size for small parking spaces shall also be the maximum size. A maximum of 65 percent of the parking spaces may be striped for small vehicles. A minimum of 35 percent of the spaces shall be striped for large vehicles.

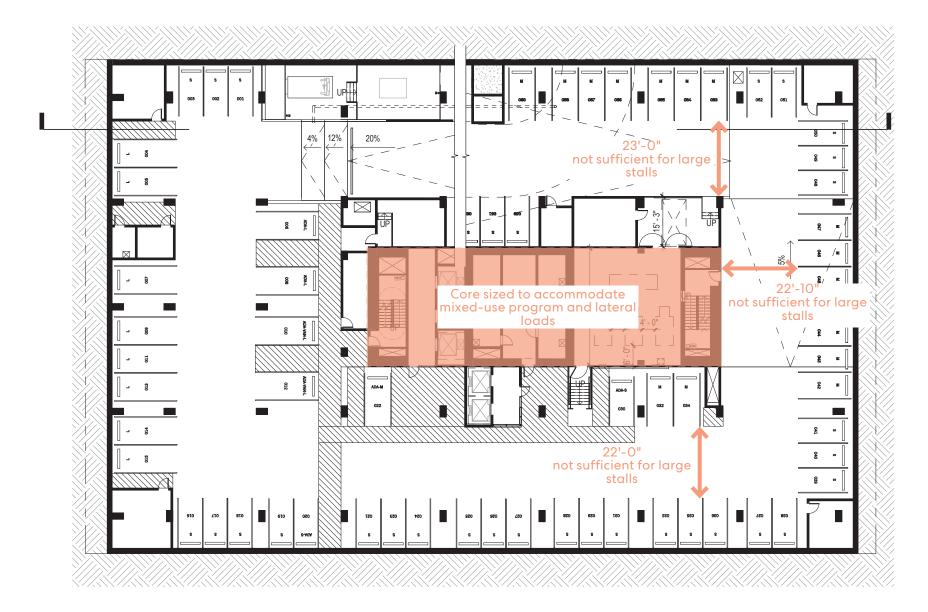
Proposed Design Departure

The project provides 43 large vehicle spaces where 60 spaces are required. The project also proposes 47 medium vehicles and 83 small vehicle spaces as part of the nonresidential parking mix.

Rationale

Per the Seattle Municipal Code, no parking stalls are required to be provided. The stalls that are provided are not in the ratios of small, medium and large per SMC 23.54. Due to the configuration of the garage as a result of mitigation of complex below grade conditions, the size of the core needed for structural purposes, and to accommodate a mixed-use building activating the neighborhood (**Downtown Design Guideline B1.2**), there is not sufficient depth at all sides of the garage to provide the required number of large stalls.

Parking Space Departure - P1 Parking Plan



Section 03 / Updated Massing





SW Corner

SE Corner

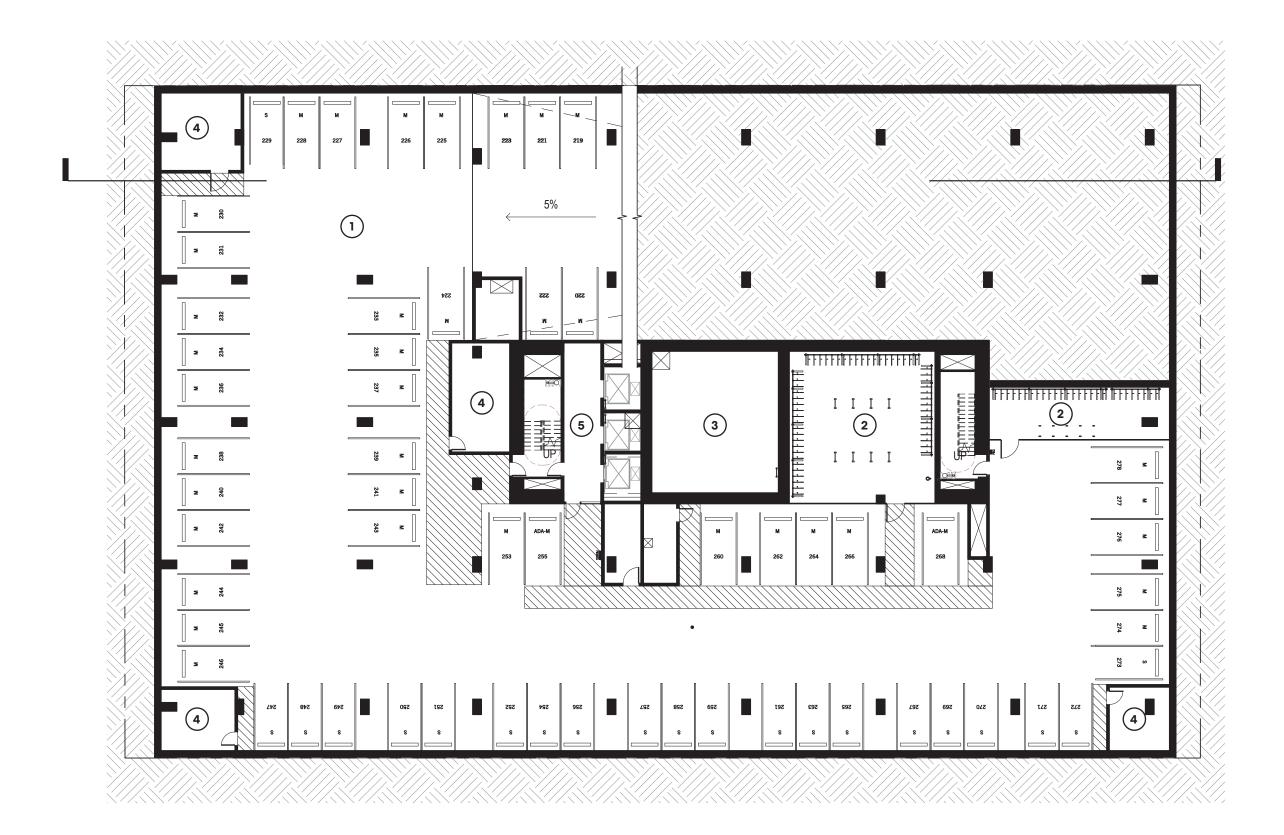




NW Corner NI

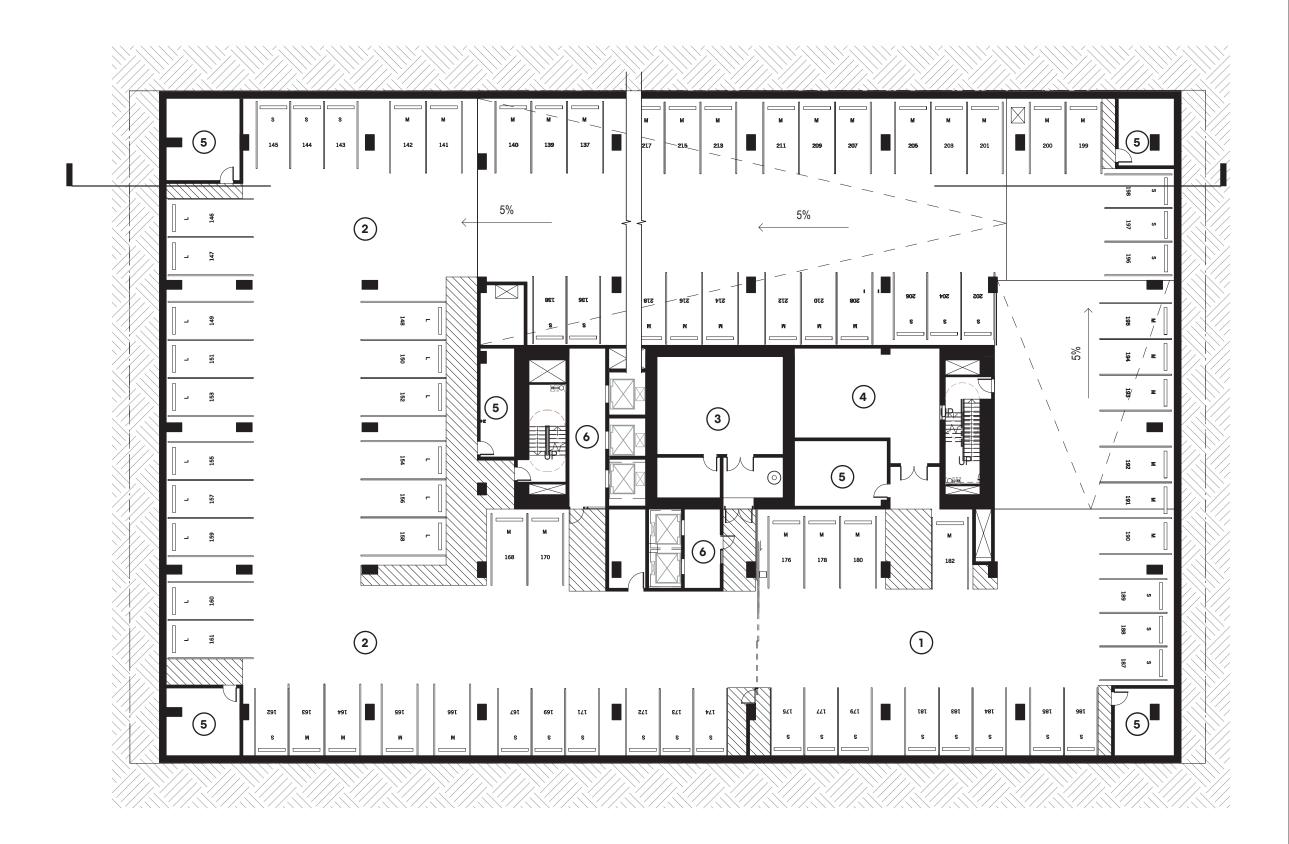
NE Corner

- 1 Residential Parking
- 2 Residential Bike Storage
- **3** Fire Tank
- 4 Storage
- 5 Elevator Lobby



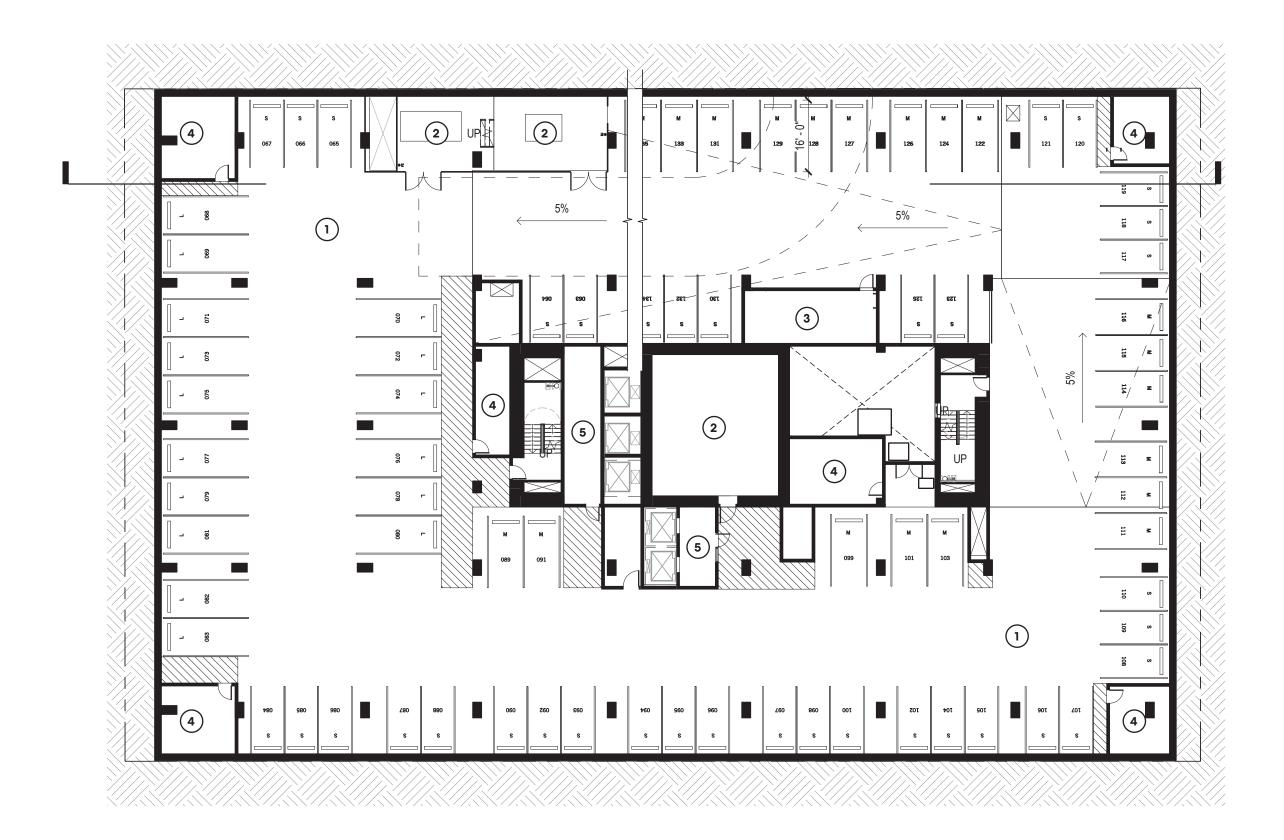


- 1 Residential Parking
- 2 Non-Residential Parking
- **3** Fire Pump Room
- 4 Mechanical Room
- **5** Storage
- 6 Elevator Lobby



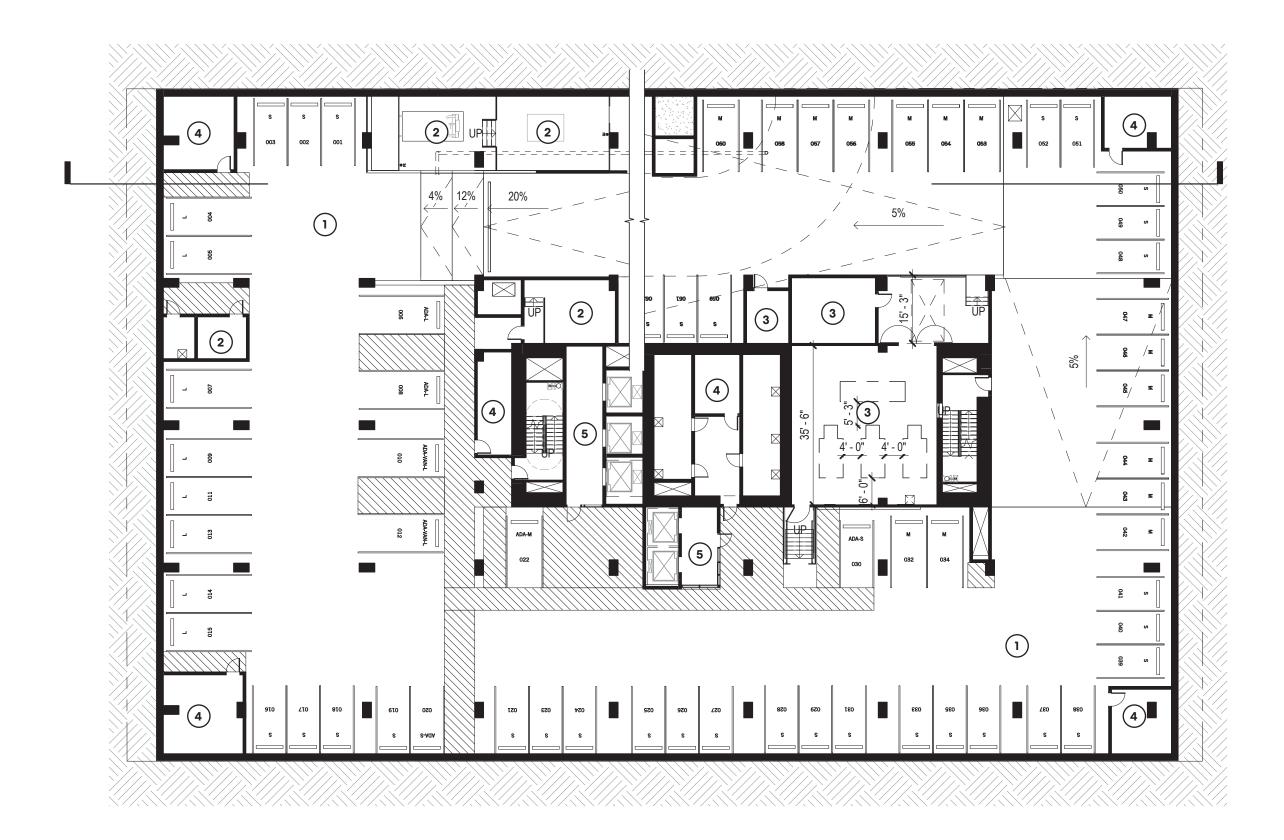


- 1 Non-Residential Parking
- 2 Mechanical Room
- 3 Electrical Room
- **4** Storage
- 5 Elevator Lobby





- 1 Non-Residential Parking
- 2 Mechanical Room
- 3 Electrical Room
- 4 Storage
- 5 Elevator Lobby

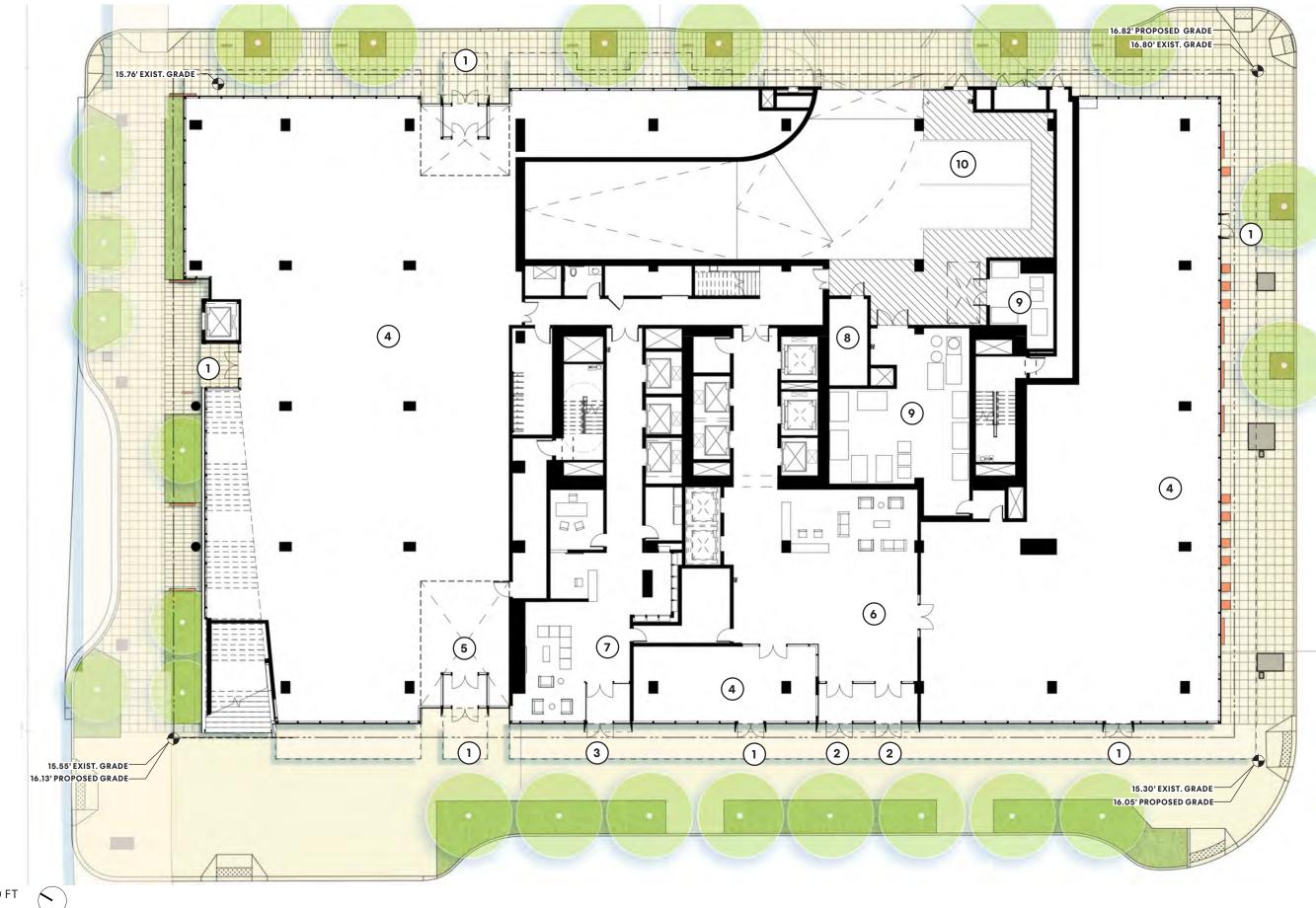




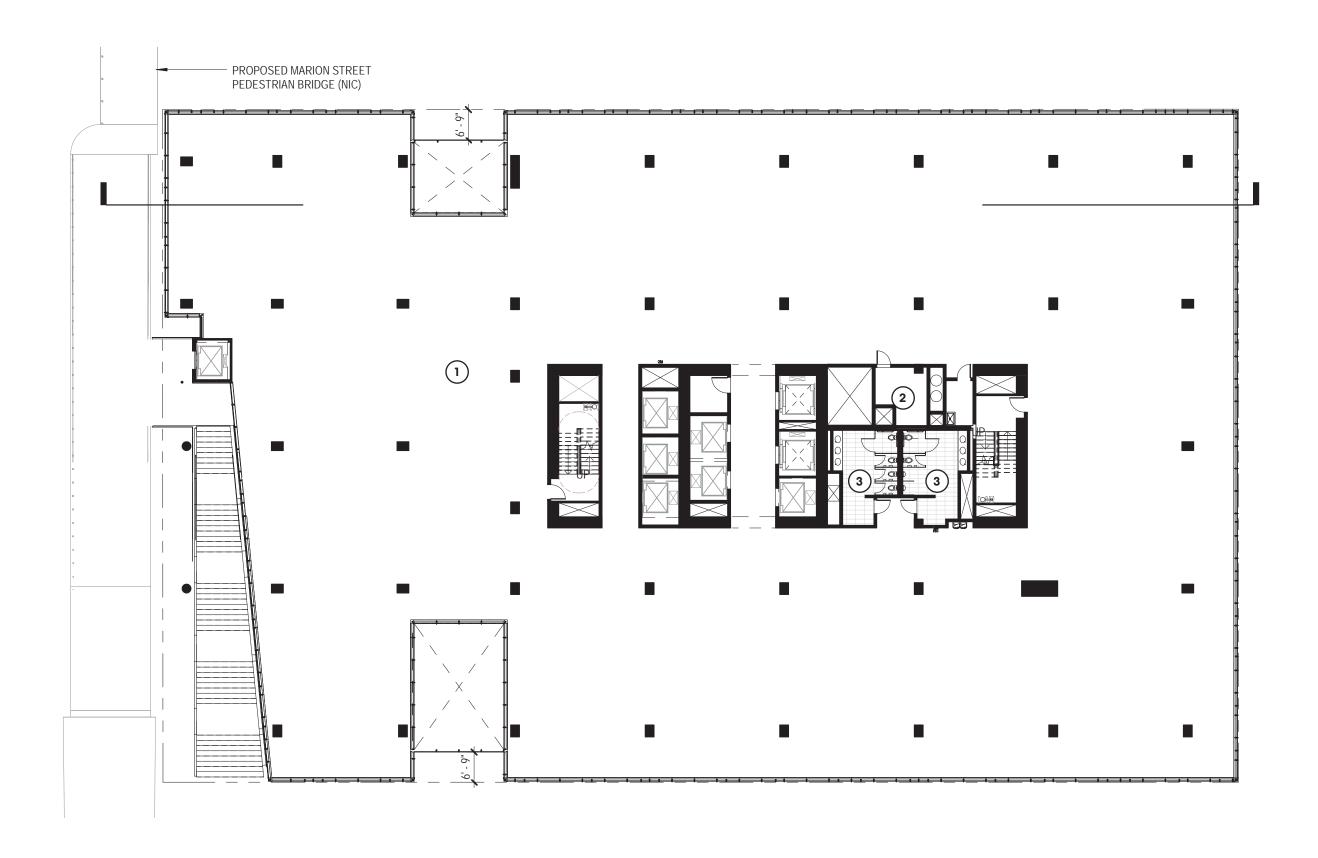
Perkins&Will

Section 03 / Plans

- 1 Retail Entry
- 2 Office Entry
- 3 Residential Entry
- 4 Retail
- 5 Retail Lobby
- **6** Office Lobby
- 7 Residential Lobby
- 8 Electrical Room
- 9 Trash & Recycling Storage
- **10** Loading

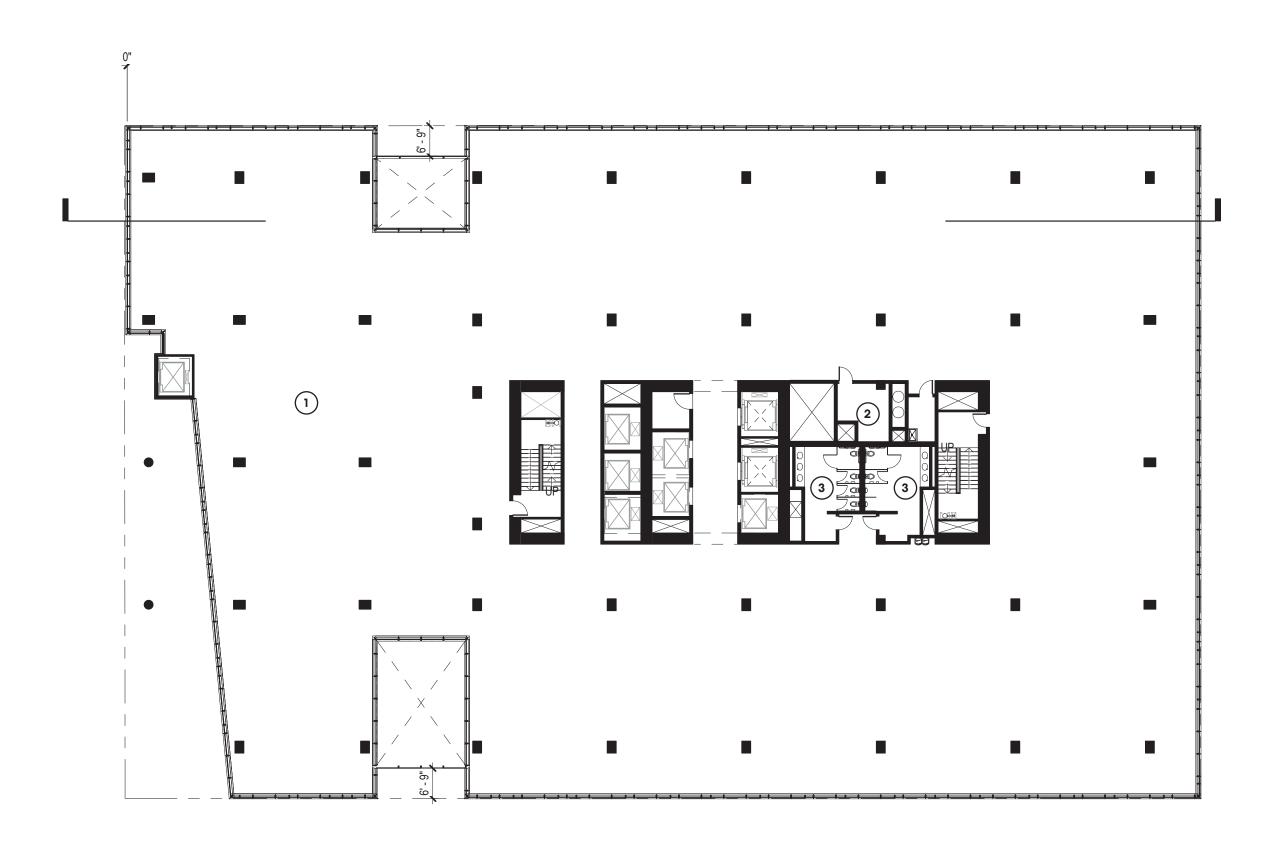


- 1 Office
- 2 Electrical Room
- 3 Restrooms



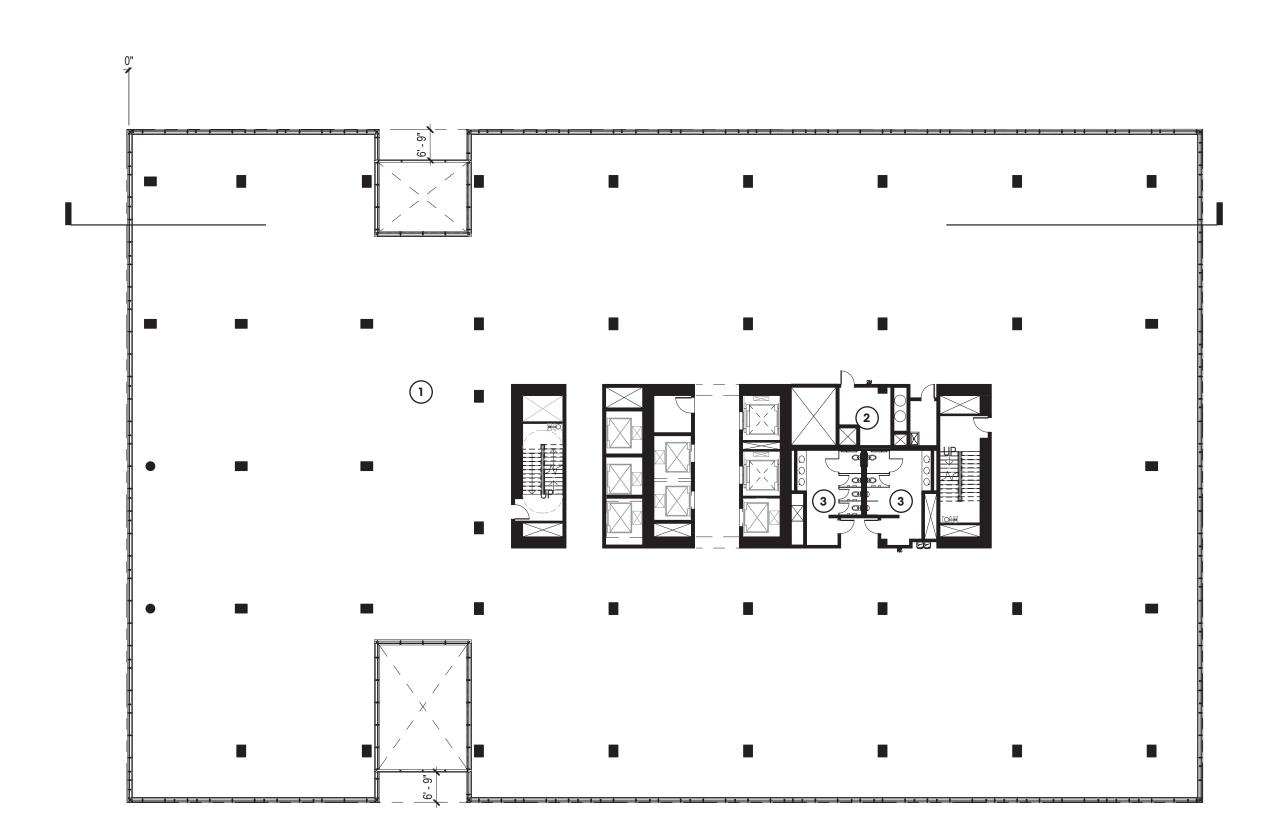


- 1 Office
- 2 Electrical Room
- **3** Restrooms



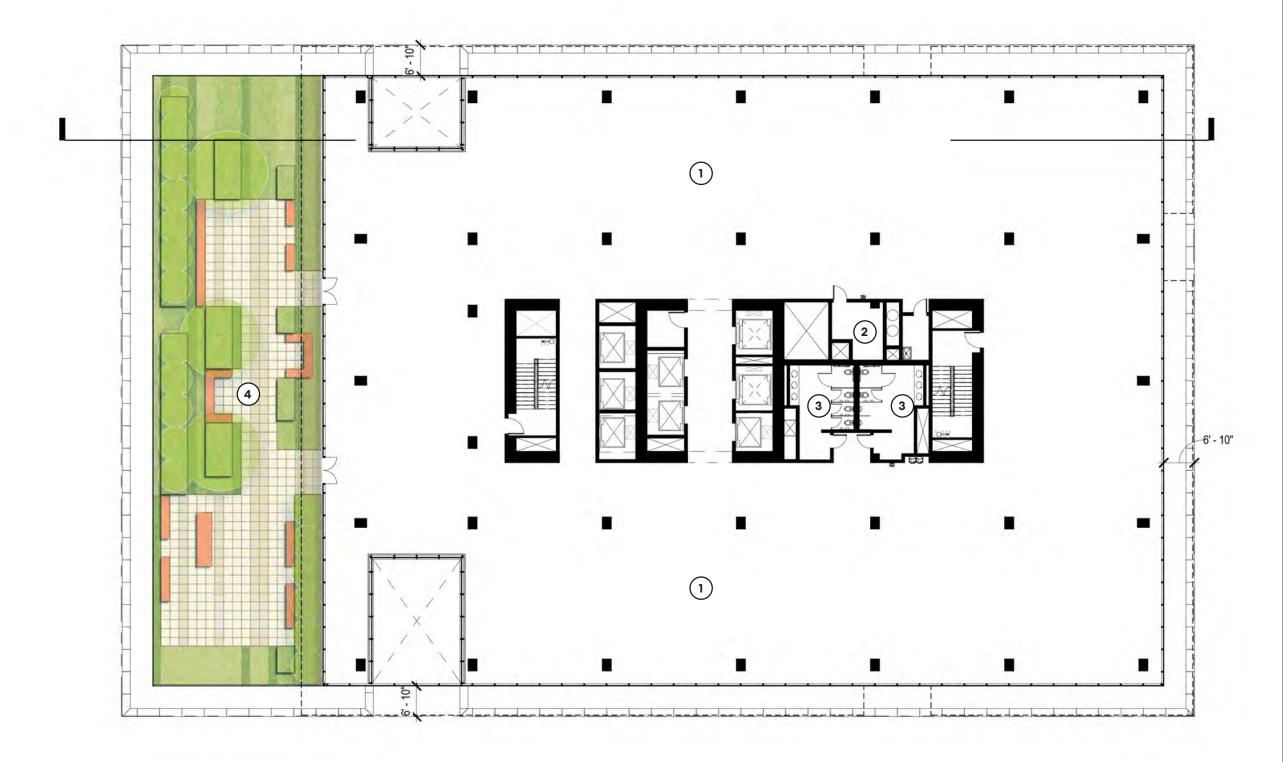


- 1 Office
- 2 Electrical Room
- 3 Restrooms





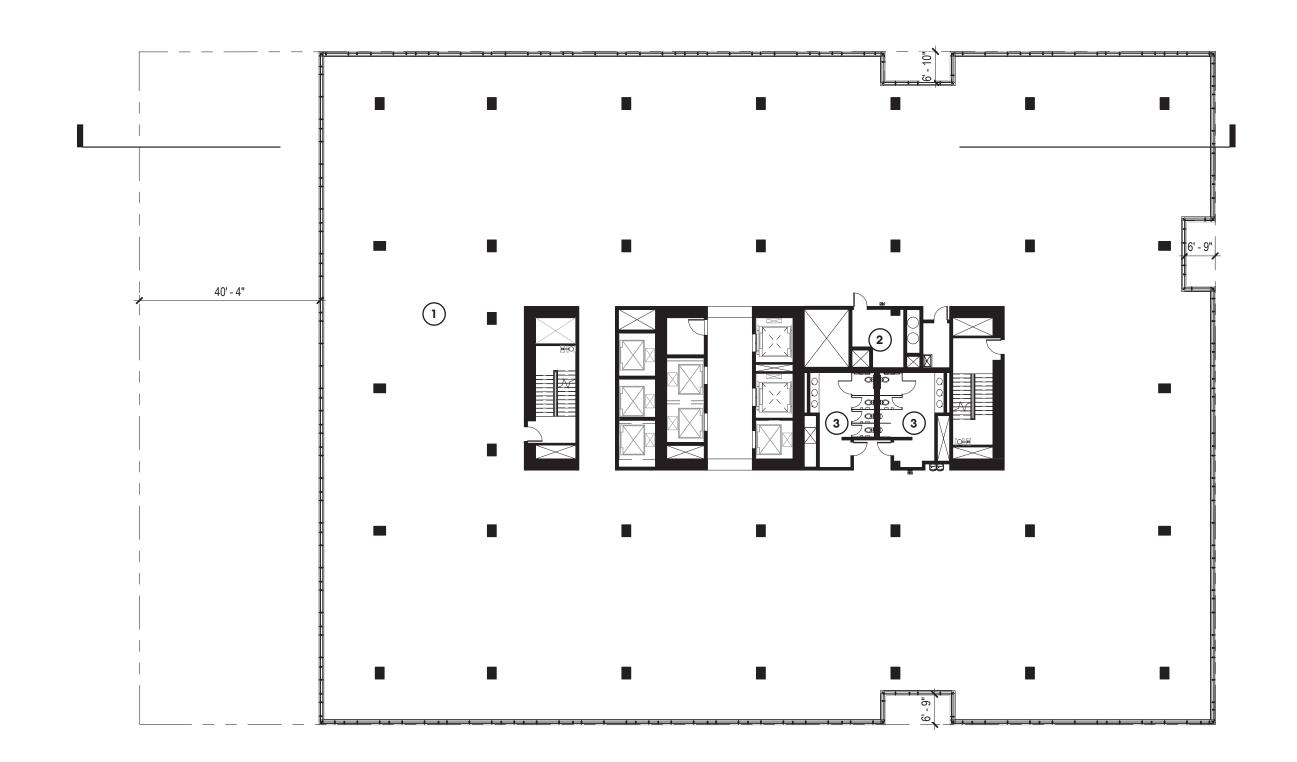
- 1 Office
- 2 Electrical Room
- 3 Restrooms
- 4 Terrace





Floor Plan - L06/L07/L08

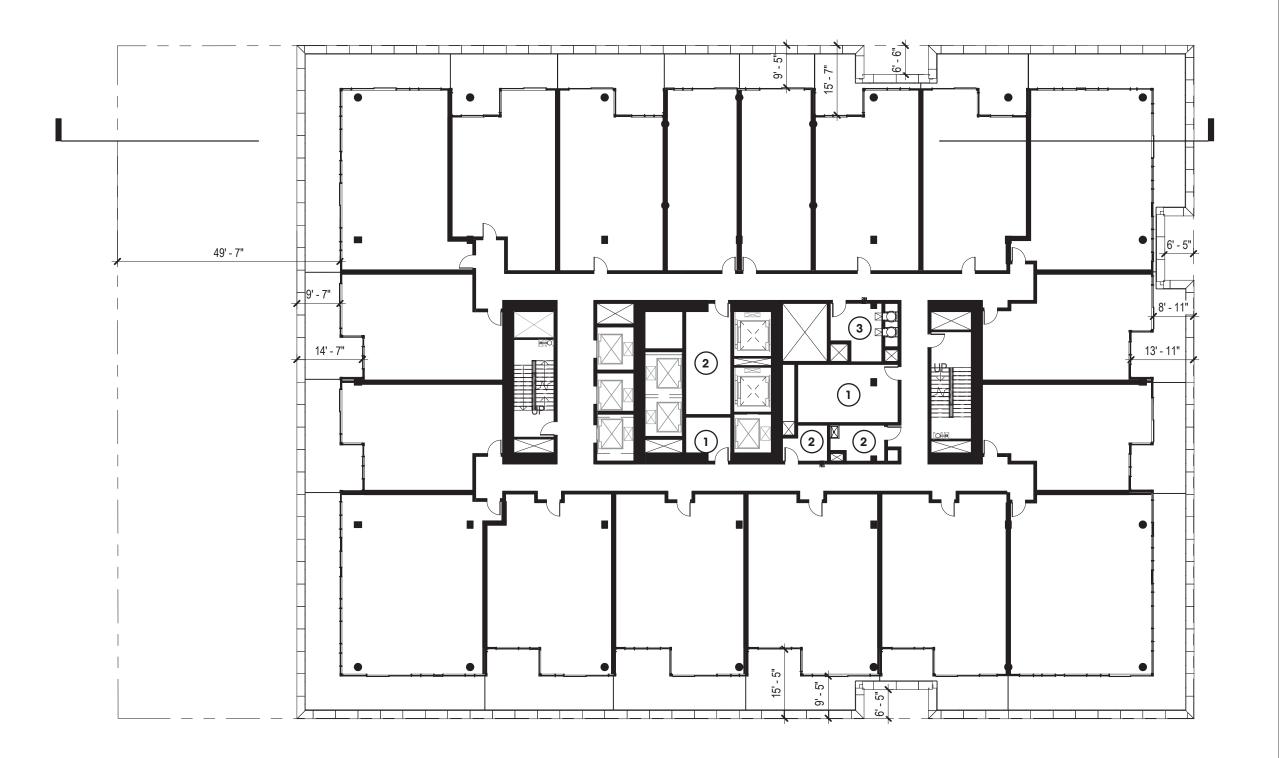
- 1 Office
- 2 Electrical Room
- 3 Restrooms





Typ. Residential Floor Plan - L09-L14

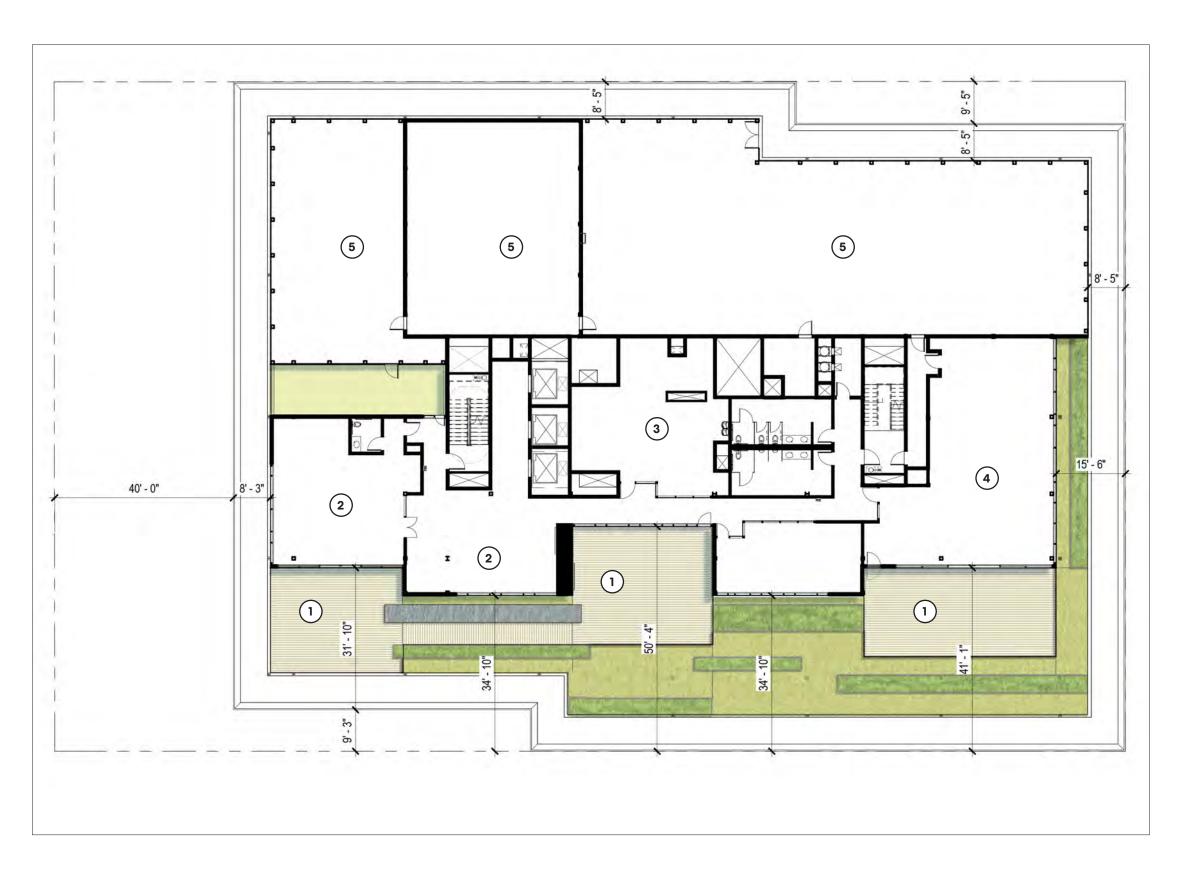
- 1 Electrical Room
- 2 Storage
- 3 Trash Room





Floor Plan - Penthouse Level

- 1 Deck
- 2 Lounge
- **3** Fitness
- 4 Event Space
- 5 Mechanical





Section 03 / Building Section

North - South

