A47 Townhomes 816 N 47th Street | #3029854



workshop AD
Karen Kiest | Landscape Architects



section 3.0 development objectives

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proposal

Address: 816 N 47th Street

Seattle, WA 98103

Parcel Number: 9521101020

DPD Project Number: Land Use #3029854

Applicant: Workshop AD, LLC Contact: Steve Bull, Workshop AD

The site, a 4,950 sqft C1-40 zone property, is on the north edge of North 47th Street just west of Aurora Avenue North. This is nearing one of the high points in the city at elevation +301-309. To the north and east are existing 2 story commercial structures. To the west is a 2 story residential structure, LR zoned, and to the south across N 47th St are 2-3 story residential structures. The site slopes up approximately 8 feet from south to north.

The proposed development is a 7 unit, 4 story, townhouse structure with approximately 11,767 sqft of gross floor area. A pedestrian walkway along the west side of the structure provides access from the street / sidewalk to six of the units. The southern unit is accessed directly from the sidewalk at the southeast corner of the site. A covered porch is elevated above sidewalk level. Each unit provides sheltered entry, one garage parking stall, and roof top deck amenity space.

The design proposal responds to four primary considerations:

- 1. Enhance the urban fabric and pedestrian realm through direct engagement with the sidewalk and street.
- 2. Successfully transition from the C1-40 zone to the neighboring LR zone with attention to scale and setbacks.
- 3. Connect to views east, south, and west.
- 4. Establish a consistent articulation of massing, fenestration, and material on all sides of the project.

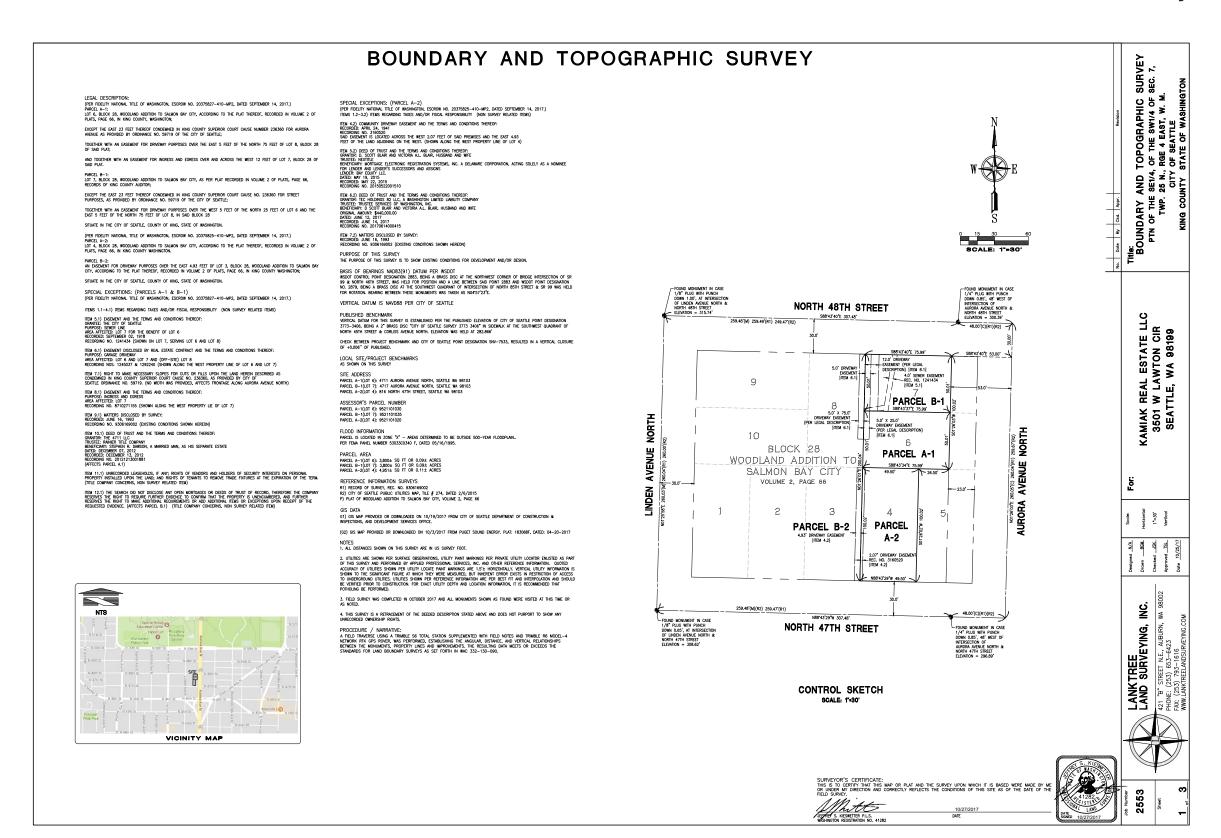
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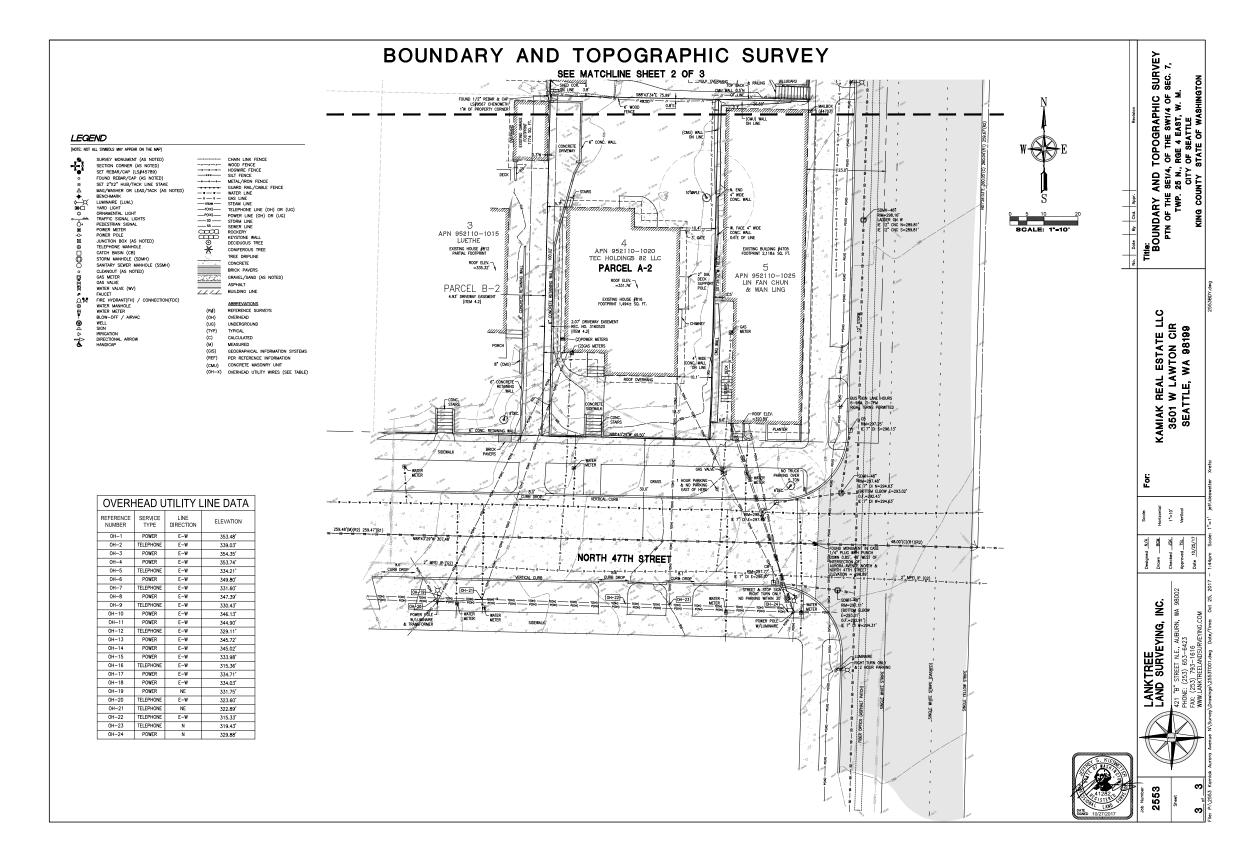
views

survey



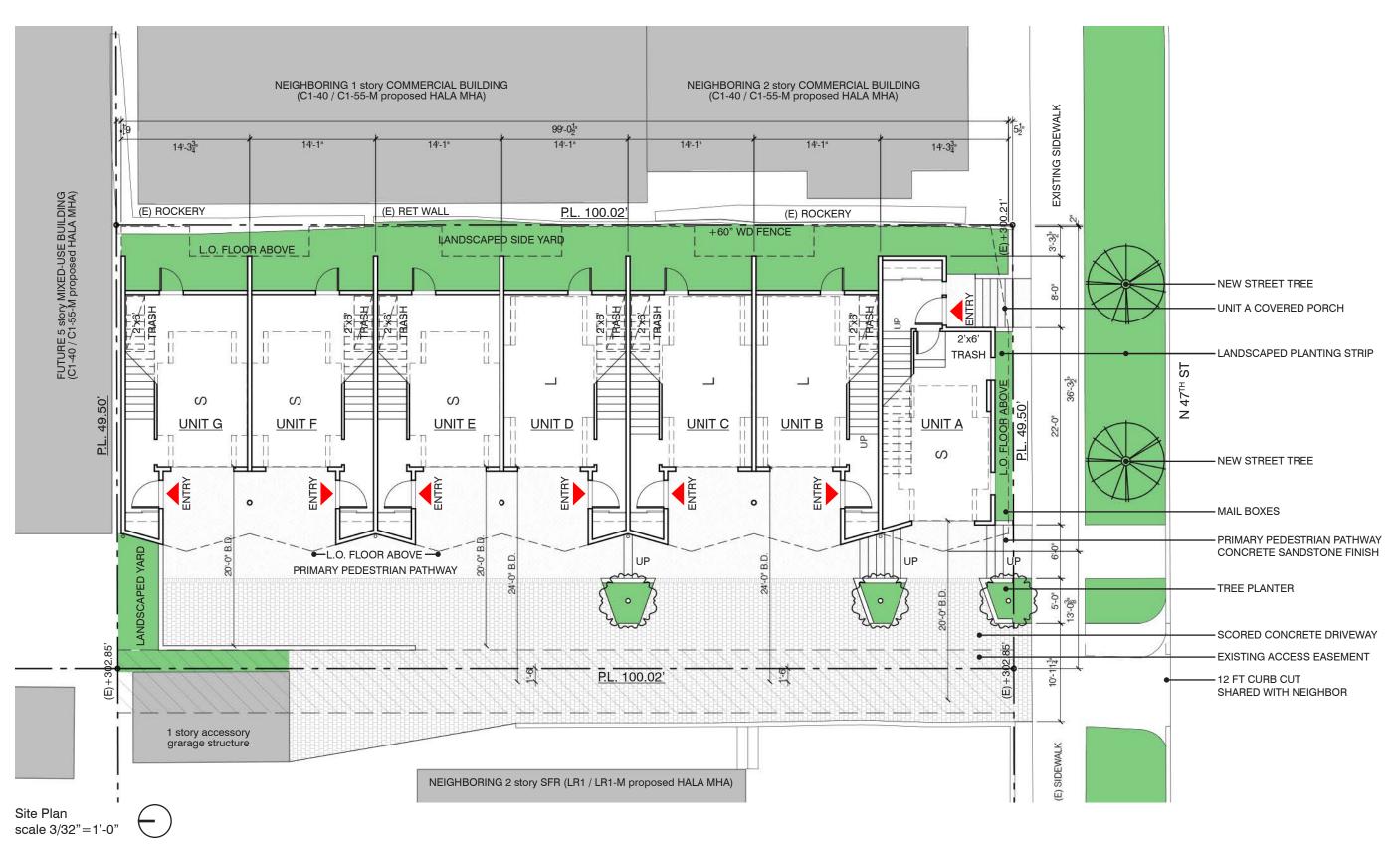
section 4.0 site information

survey





site plan



landscape plan



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landscape plan





green roof edge



views

Landscape Plan NTS

site context









B. Fremont Ave N Retail & Mixed-Use



C. 46th St Underpass - access to transit



D. Woodland Park & Zoo

neighborhood photos

section 5.0 context analysis

Multifamily Development

Lowrise multifamily developments are common west of the site. These include 3 story townhouses and small apartment buildings. Higher density, larger scale 3 to 5 story apartment buildings are common along Aurora

Commercial Development The commercial lots along Aurora





Ave North within immediate proximity of the proposal remain mostly underdeveloped. The design seizes this opportunity to orientate views south toward Downtown and the Cascade Range to the east while taking future development into consideration.



Sidewalk Edges

Front yards in the neighborhood are typically well demarcated edges along the public pedestrian realm. This is accomplished through grade changes, plantings, retaining walls, fences, and



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Transitions & Open Space

Side yards are often used as driveways to access parking and units located at interior and rear of parcels.







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1. N 47TH ST - LOOKING NORTH



N 50[™] ST

2. N 47[™] ST - LOOKING SOUTH

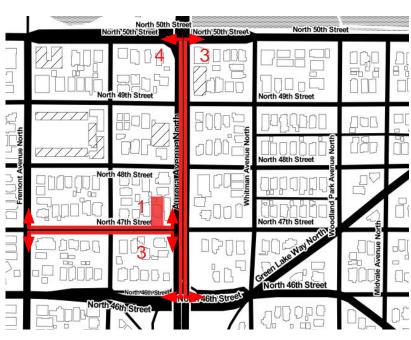
N 49[™] ST

3. AURORA AVE N. - EAST



street views





N 48TH ST N 47TH ST N 46TH ST



N 49^{TH} ST



zoning summary zoning map

Zone C1-40

Lot Size 4,950 sqft Structure Height 40 feet FAR 3.0 Allowable GFA 14,850 sqft Proposed GFA 11,767 sqft

Setbacks 15 ft triangular area setback

abutting residential zone

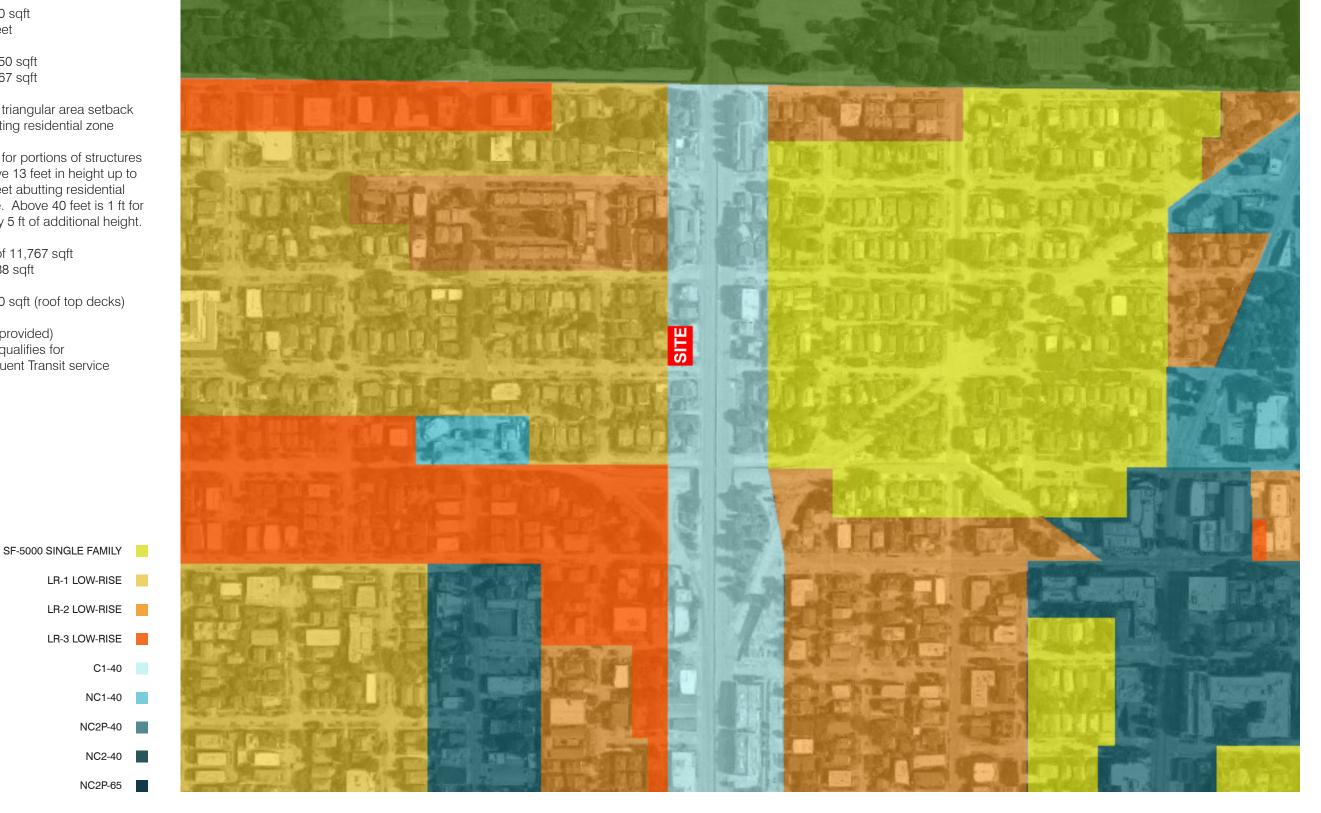
15 ft for portions of structures above 13 feet in height up to 40 feet abutting residential zone. Above 40 feet is 1 ft for every 5 ft of additional height.

Required 5% of 11,767 sqft = 588 sqft Amenity Area

Provided A.A. 1,050 sqft (roof top decks)

Required Parking 3 (7 provided)
Site qualifies for

Frequent Transit service



LR-1 LOW-RISE LR-2 LOW-RISE LR-3 LOW-RISE

> C1-40 NC1-40

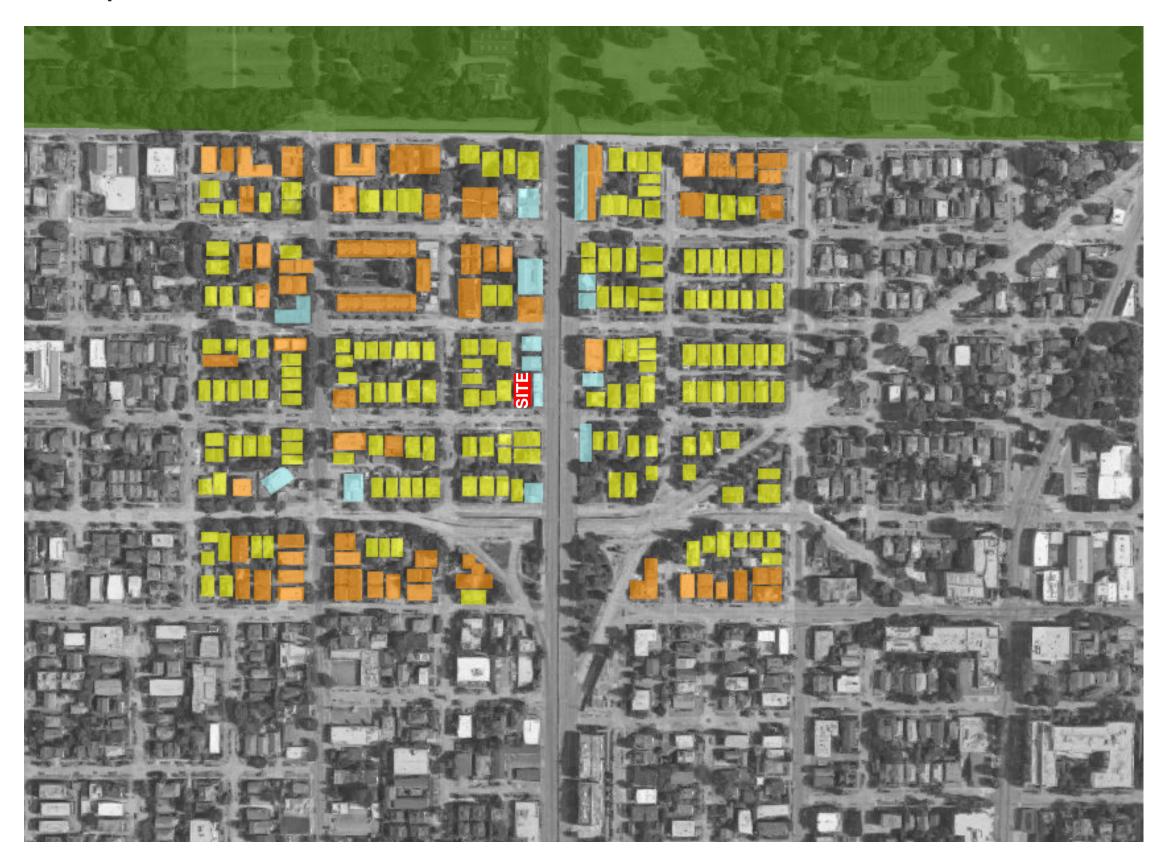
NC2P-40 NC2-40

NC2P-65

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section 6.0 zoning data

use map



SINGLE FAMILY

MULTI FAMILY

COMMERCIAL

PARK SPACE



applicant-selected guidelines & response





CS1 Natural Systems and Site Features

CS1-C Topography: Elevation Changes

Applicant Response:

The primary pedestrian walkway mitigates the slope of the site from sidewalk level up approximately six feet to each unit entry.

The ground floor levels of each unit garage and entry respond to this varying slope and the vehicular access drive.

CS2 Urban Pattern and Form

CS2-A Location In The City And Neighborhood: Architectural Presence

CS2-B Adjacent Sites, Streets, and Open Spaces: Site Characteristics | Connection to the Street

CS2-C Relationship To The Block: Mid-Block Sites

CS2-D Height, Bulk, and Scale: Zone Transitions: Existing Development and Zoning | Zone Transitions

Applicant Response:

The project proposes an articulated facade to positively contribute to a diversely scaled block. The design detail, articulation, and quality materials are consistent on all sides of the proposed structure.

The street facing unit proposes a direct connection to the sidewalk with a covered entry porch and entry door facing the street. A pedestrian walkway with landscaped edging along the west facade and vehicular driveway provides a clear pedestrian path to the other six units.

The existing development around the site consists of mainly low density residential uses but there are larger commercial and residential developments along Aurora Ave N. The site sits within the denser C1-40 zoning along Aurora Ave N and abutting LR zoning to the west. The building is setback 13 feet from the residential property to the west which maximizes open space. Each facade is carefully designed to respond to the varying zoning and scales.

Future development in the C1-40 and LR zones will be charactized by similar uses and scales complementing the proposed project.

CS3 Architectural Context and Character

CS3-A Emphasizing Positive Neighborhood Attributes: Evolving Neighborhoods

Applicant Response:

The proposed design is compatible with the historic and contemporary context as four story structures with flat roofs are common. Grouped windows and simple building materials are also common in this evolving neighborhood. As a transitional neighborhood the proposed development focuses on clear legibility of units, landscaped common open space, and articulated material and detailing as an exemplary project for others to build upon in the future.

PL1 Connectivity

PL1-B Walkways and Connections: Pedestrian Infrastructure

Applicant Response:

The project proposes a direct connection between the existing public sidewalk and the on site pedestrian circulation. This edge is well lit by soffit downlighting.

PL2 Walkability

PL2-B Safety and Security: Eyes on the Street | Lighting for Safety | Wayfinding

Applicant Response:

Doors and windows on street and west facing facades overlooking common open space encourage natural surveillance while mitigating privacy. Lighting is provided at pathways and all entries.

Address markers are provided at the south unit entry and along the west pathway marking each unit entry.

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section 7.0

design guidelines



PL3-A Entries: Design Objectives | Ensemble of Elements

Applicant Response:

The primary unit entries are obvious with clear lines of sight to the street. Weather protection is provided with coverage at all entries that contributes to a sense of unit identity while emphasizing safety and security.

Integration of landscaping with textured concrete walkway, side-lite next to entry doors, recessed soffit lighting over each entry door.

DC1 Project Uses and Activities

DC1-B Vehicular Access and Circulation: Access Location and Design

DC1-C Parking and Service Uses: Multiple Uses

Applicant Response:

Vehicular driveway is shared with the neighboring residential property which maximizes the open space between buildings and is conceived as a multi-use surface and outdoor space. A clear deliniation between vehicular and pedestrian pathway is provided using ground paving texture, landscape nodes, and a drainage edge.

DC2 Architectural Concept

DC2-B Architectural Façade Composition: Façade Composition | Blank Walls

DC2-D Scale and Texture: Human Scale | Texture

Applicant Response:

The perceived mass of the 4 story structures is reduced by the recessed ground level garages, angled west facade that prioritizes views south towards the street, and recessed entries. Within a transitional neighborhood, the design proposes a dynamic angled facade along the west side. Grouped window openings create a refined scale facing the residential zone and the street. Along the east side the facade responds to the commercial zone with projecting bays and regularized smaller openings that must comply with building code opening percentage limitations. Materials are consistent around all sides of the structure with a ground level of cladded in one foot wide vertical painted fiber cement panels and the upper three levels clad in larger dimensioned painted fiber cement panels. The project is purposefully neutral and simple using the play of light off the facade to animate and establish texture. Overhead protection at all recessed entries and doors painted with a vibrant pop of color adds human scale and unit identity. The walkway paved surface and integrated landscaping enhance the pedestrian environment. The only blank wall proposed is at the north facade of the building at the property line where a proposed 5 story mixed use structure will completely conceal this wall.

DC4 Exterior Elements and Finishes

DC4-A Building Materials: Exterior Finish Materials | Climate Appropriateness

DC4-C Lighting: Functions | Avoiding Glare

DC4-D Lighting: Trees, Landscape, & Hardscape Materials

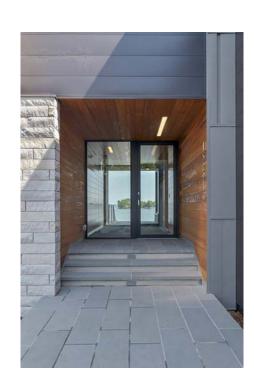
Applicant Response:

Painted fiber cement panel siding, white windows, and white painted trim, are all durable materials that lend themselves to high quality detailing and composition. All materials are durable and attractive taking into account climate appropriateness.

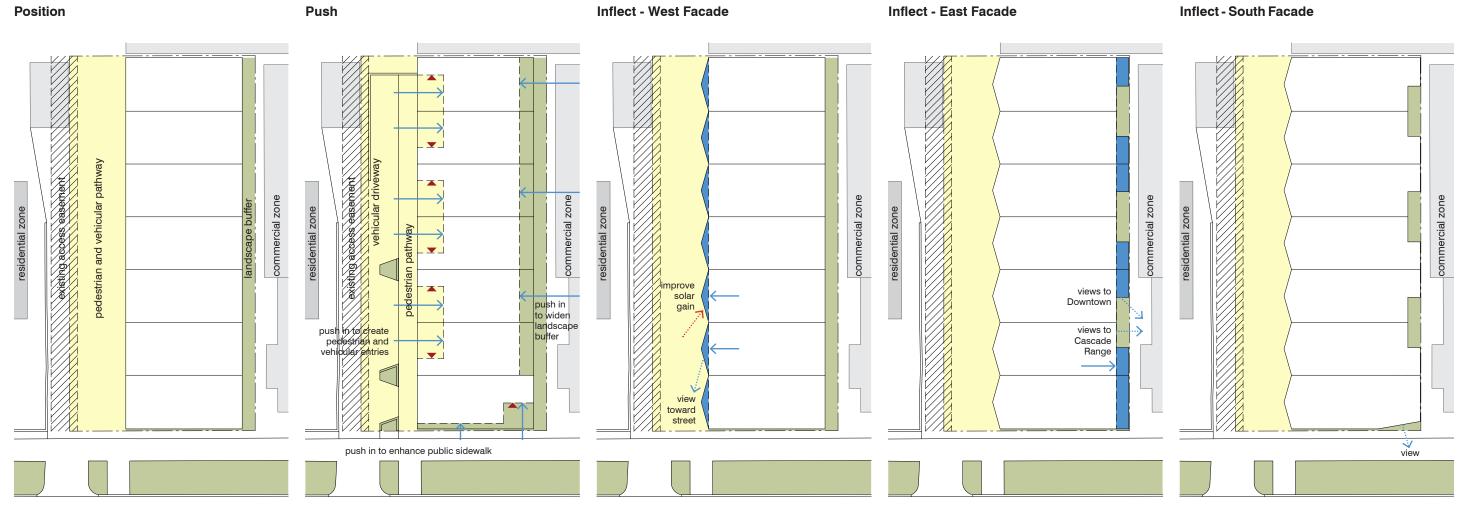
Downlighting along pedestrian pathways and at unit entires all maintain adequate illumination levels for safety, avoiding glare to neighboring properties, and highlight architectural and landscape design features.

Scored and blasted concrete paving demarcate vehicle from pedestrian zones and entries. Landscaping is integrated primarily along the east and street front edges with landscape islands populating the west edge deliniating vehicle and pedestrian movement.





concept diagram



Pedestrian and vehicular access is placed on the west side to activate residential zone and to maximize the open space. A landscaped buffer is placed on the western side creating a buffer to future commercial development.

and increase privacy. Landscaping is added to enhance the pedestrian and vehicular pathway. The first level of the street facing facade is pushed back and landscaped to enhance public sidewalk. Landscape buffer at east side is widened.

Garage and entries are pushed in to enlarge open space Angled west facade orientates views toward street instead of straight at neighboring residential structure and backyard. This provides additional solar gain and daylight to individual units and creates a refined facade scale that results in a unique identity for the project.

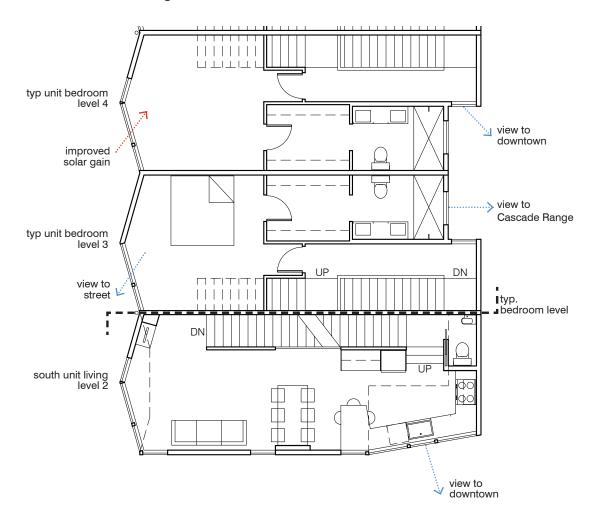
East facade extends for functional layout of spaces. Strategically placed openings provide views over the adjacent 1-2 story commercial building to the Seattle downtown skyline and the Cascade Mountains.

The southwest corner is pushed and angled to purposely orient the view south through the Aurora corridor and to reduce the perceived mass at the street facing facade. This also ties the south facade in with the west facade and it's regularized unit width angled bays.

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section 8.0 architectural concept

Individual unit diagram







elevations



south elevation scale 1/8"=1'-0"

elevations



west elevation scale 1/8"=1'-0"

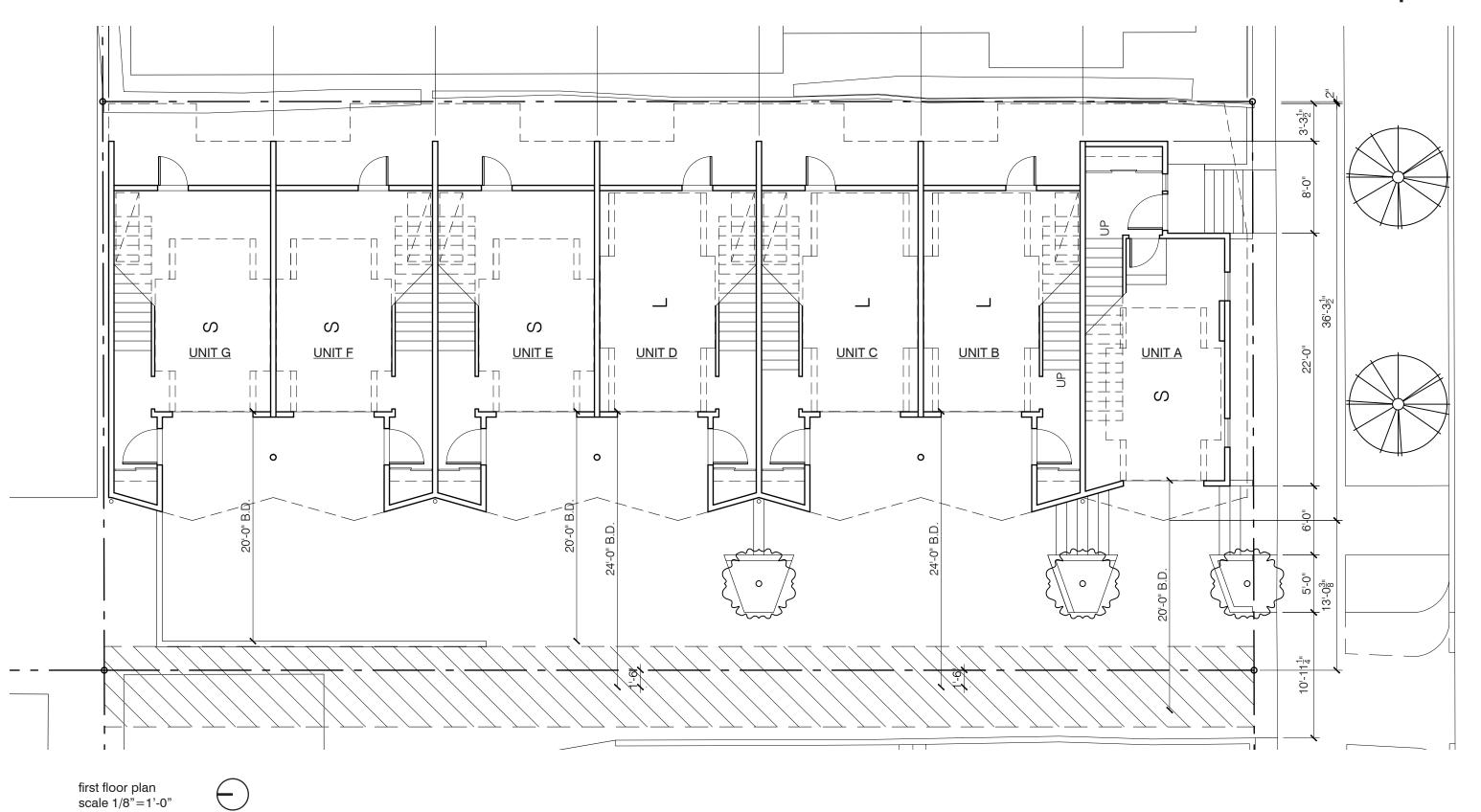
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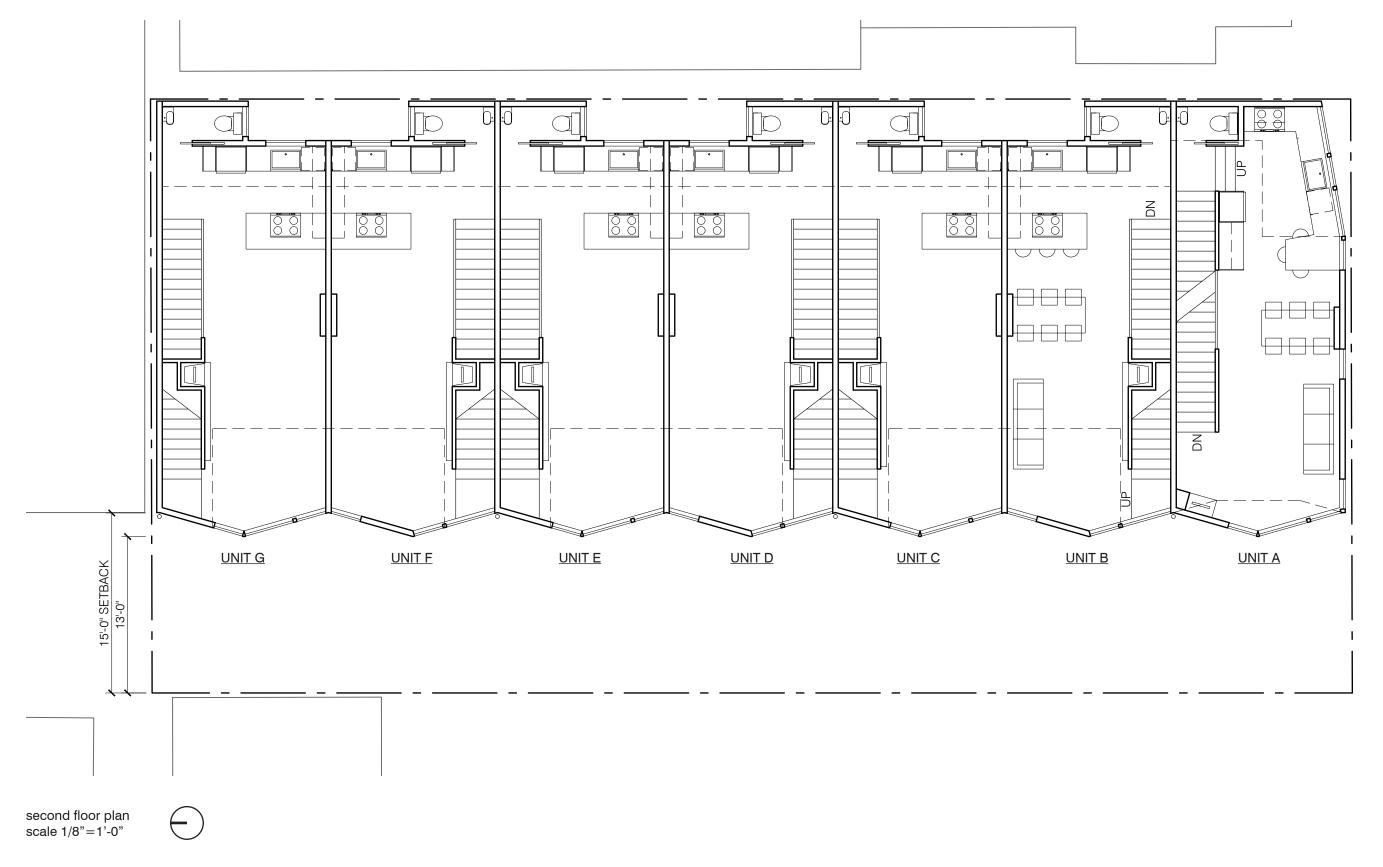
elevations

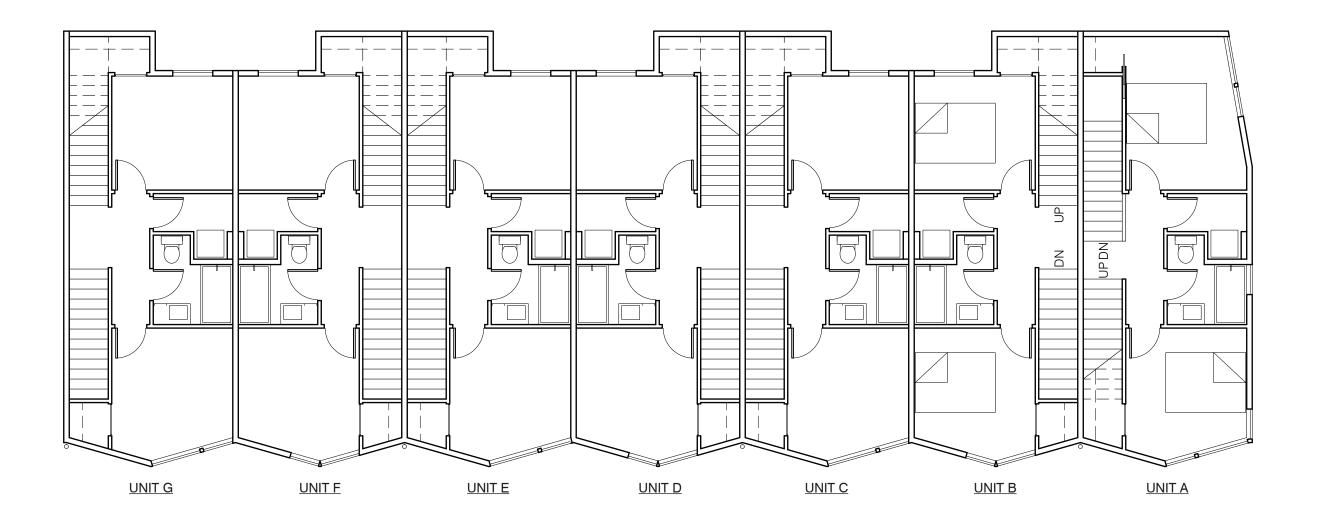


east elevation scale 1/8"=1'-0"

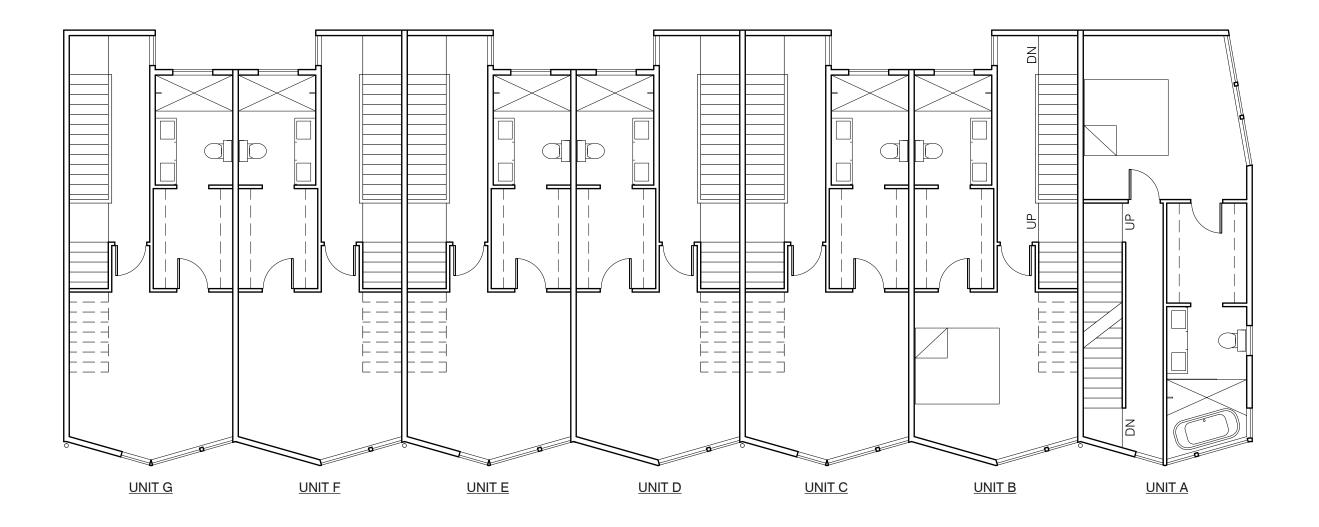




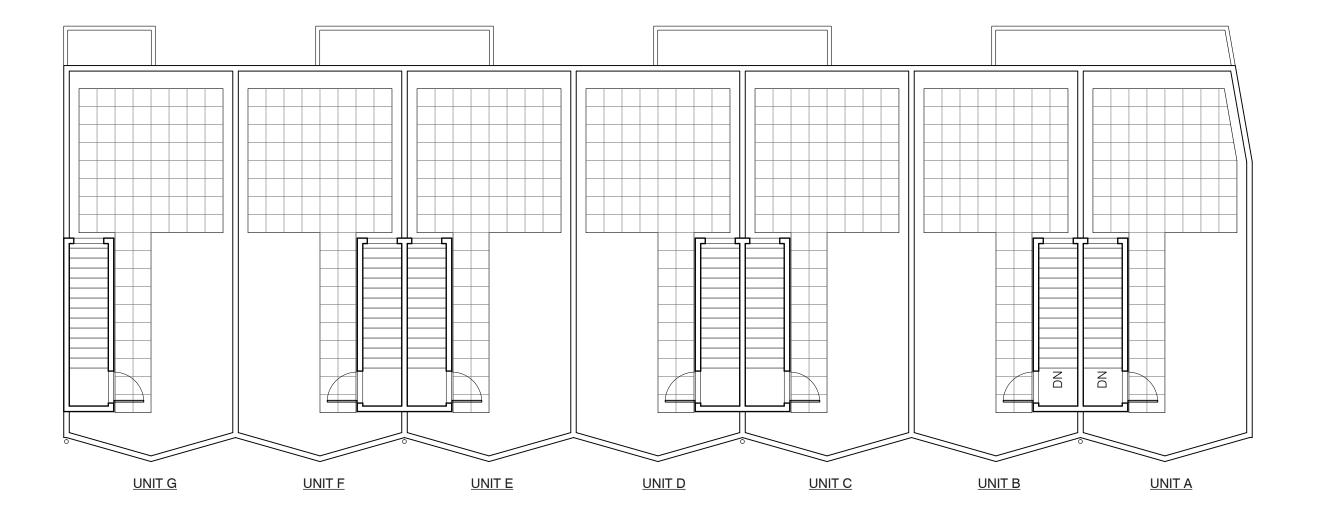














- CS2-C-2 relationship to the block CS2-D-4 zone transitions CS3-A-4 evolving neighborhoods DC2-B-1 façade composition DC4-A-1 exterior finish materials
- 2. CS1-C topography
- 3. PL1-B-1 pedestrian infrastructure
- 4. DC2-A-2 reducing perceived mass



southwest view

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- DC2-B-1 façade composition
 DC4-A-1 exterior finish materials
- 2. PL2-B-1 eyes on the street
- 3. CS2-B-2 connection to the street



southeast view





DC2-B-1 façade composition
 DC4-A-1 exterior finish materials
 CS2-D zone transitions

2. PL3-A-1,2 entries DC2-D-1 human scale

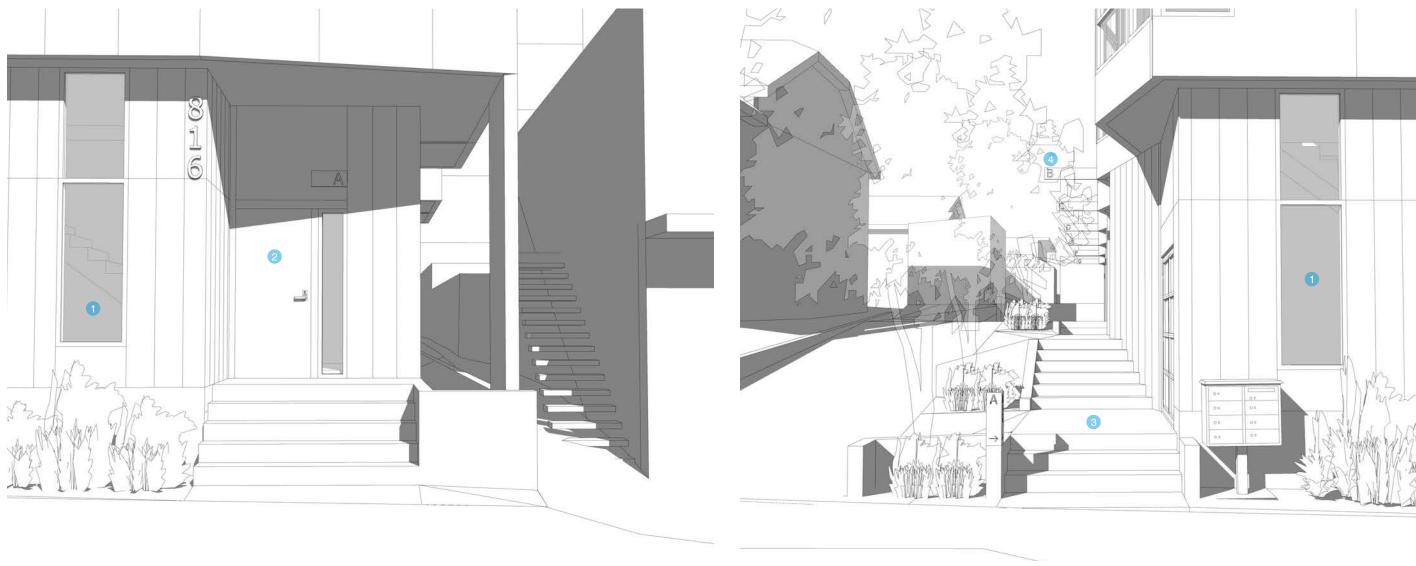
west facade east facade





DC2-B-1 façade composition
 DC4-A-1 exterior finish materials

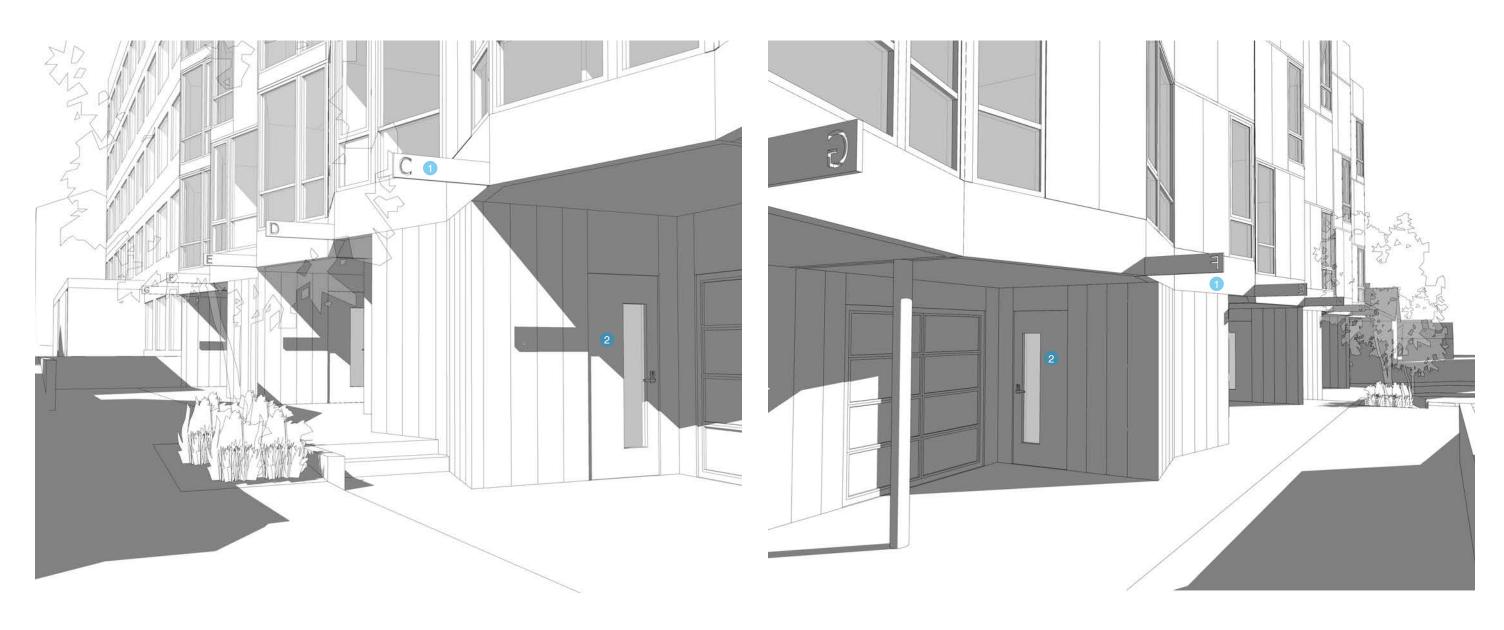
2. DC2-A-2 reducing perceived mass



- CS2-B-2 connection to the street
 PL2-B-1 eyes on the street
- 2. PL3-A-1,2 entries DC2-D-1 human scale
- 3. PL1-B-1 pedestrian infrastructure
- 4. PL2-D wayfinding

street facing unit pedestrian walkway

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- 1. PL2-D wayfinding
- 2. PL3-A-1,2 entries DC2-D-1 human scale

section 9.0

adjustment request

1) standard: 23.47A.014

setback requirements: For a structure containing a residential use, a setback is required along any side or rear lot line that abuts a lot in a residential zone, as follows:

- a. Fifteen feet for portions of structures above 13 feet in height to a maximum of 40 feet; and
- b. For each portion of a structure above 40 feet in height, additional setback at the rate of 2 feet of setback for every 10 feet by which the height of such portion exceeds 40 feet.

E. Structures in required setbacks

1. Decks and balconies a. Decks with open railings may extend into the required setback, but are not permitted within 5 feet of a lot in a residential zone, except as provided in subsection 23.47A.014.E.1.b.

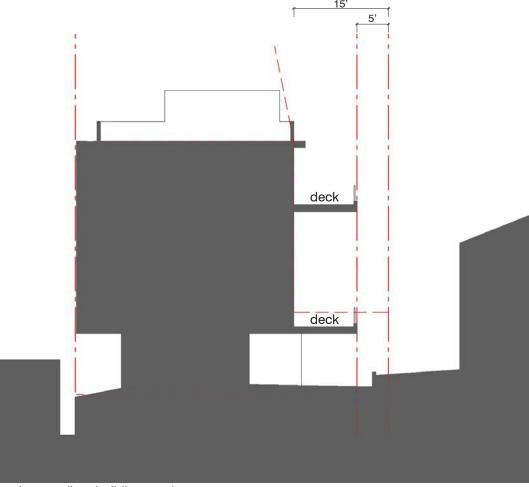
adjustment request:

to allow a decrease in the depth of the setback along the side property line from 15 feet to 13 feet and to allow the portion of roof parapet above 40 feet to follow the 13 foot setback up to 44 feet.

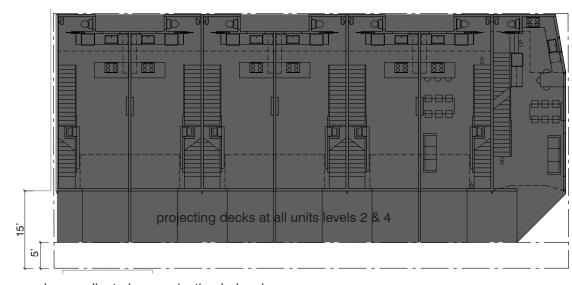
rationale:

Projecting decks and balconies are allowed within the 15 foot setback area. A realistic and code compliant organization would allow 130 sqft decks off each living space at level 2 covering the drive aisle below and at level 4 accessed from each master bedroom. In addition, 18" roof projections are allowed. The bulk and scale of these features would eliminate 60 percent of the open space between the proposed project and the adjacent LR zoned property. In addition, this places elevated outdoor spaces with direct overlook to the neighboring building and yard impacting privacy between properties.

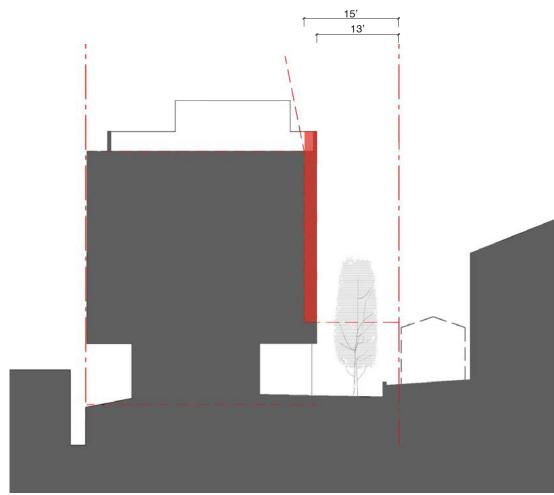
The adjustment request seeks to create a unit wide expression of angled facades and grouped window openings primarily oriented south to the street. No projecting decks are proposed. The applicant feels the adjustment request is superior to a code compliant plan.



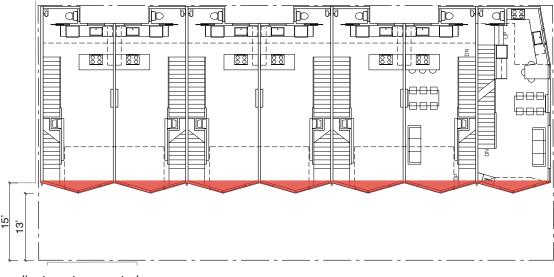
code compliant building section



code compliant plan - projecting balconies



adjustment request building section



adjustment request plan

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