

3722 **21ST AVE SW**

Streamlined Design Review

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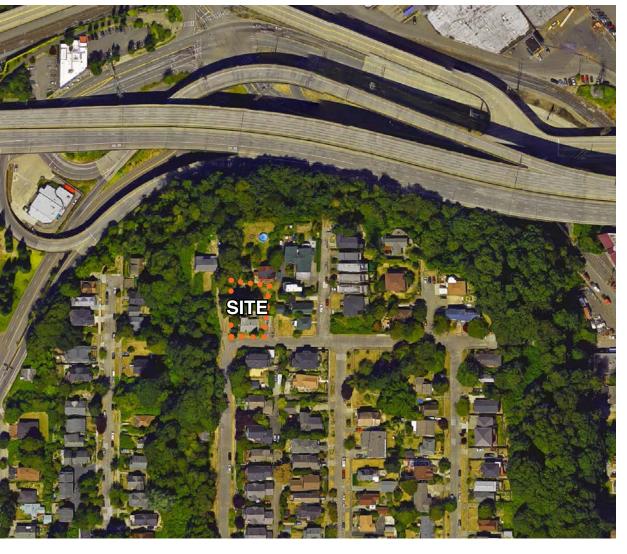
#3023805

SDR Packet

July 12, 2016



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OBJECTIVES

1 2 3 4 5 6 7 8

Design and construct two townhouse structures and one single-family home. Six new, above-grade parking stalls will be accessed via a new driveway and curb cut off of SW Charlestown Street at the southeast corner of the site.

Number of Residential Units 6

Structure Height 30'

Number of Parking Stalls

Sustainability

Achieve a 4-Star Built Green certification.

Community

The proposal is designed with a central pedestrian path connecting the street to the individual unit entries, shared courtyard and surface parking area.

TEAM

ARCHITECT b9 architects

DEVELOPMENT James Tjoa and Associates

STRUCTURAL Malsam Tsang Structural Engineering

GEOTECHNICAL Geotech NW

LANDSCAPE Root of Design

CITY of SEATTLE

Application for Streamlined Design Review

PART I: CONTACT INFORMATION

1. Property Address 3722 21st Ave SW

2. Project number 3023805

3. Additional related project number(s): n/a

4. Owner/Lessee Name James Tjoa and Associates

5. Contact Person Name Bradley Khouri

Firm b9 architects
Mailing Address 610 2nd Avenue
City State Zip Seattle, WA 98104
Phone 206.297.1284

Email address bgk@b9architects.com

6. Applicant's Name Bradley Khouri

Relationship to Project Architect

7. Design Professional's Name Bradley Khouri

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 610 2nd Avenue

 Phone
 206.297.1284

Email address bgk@b9architects.com

8. Design Team Name Lisa Healy

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 610 2nd Avenue

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 206.297.1284

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PROJECT SITE

• View of project site looking north. Existing structures to be demolished.

ZONING ANALYSIS

<u>SITE OPPORTUNITIES & CONSTRAINTS</u>

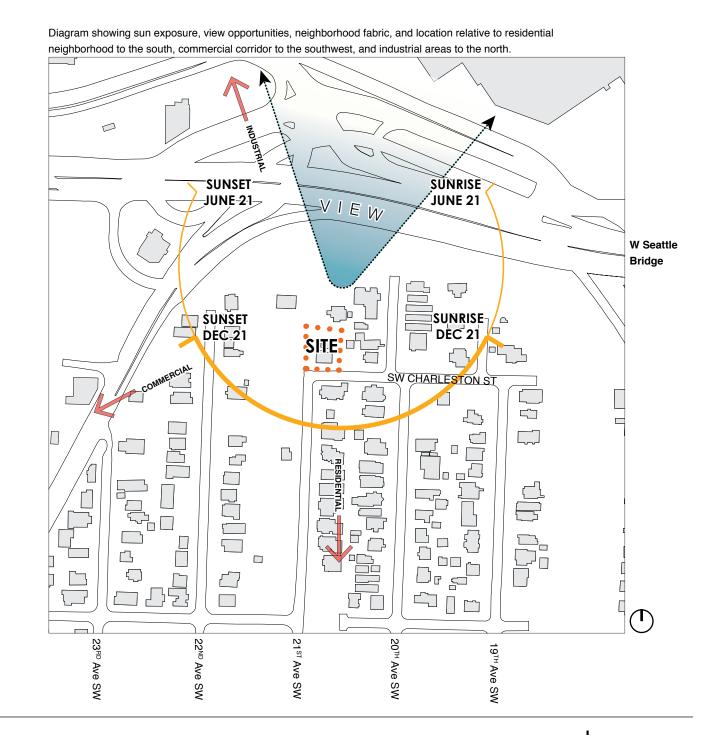
 Address
 Lot Size
 Zoning

 3722 21ST AVE SW
 9,407 ft²
 LR1

Seattle WA

The site is located in an LR1 zone. The site is bordered by additional LR1 zone to the north and west and a SF-5000 zone to the east.







CONTEXT & CURRENT USE

Topography

While the site itself is relatively flat, there are steeps slopes downward to the north and west. The topography allows for wide open views to the north as trees and structures beyond are below the line of sight from the proposed site.

Surrounding Zoning and Uses

The area immediately surrounding the site is zoned for single-family and low-rise residential structures. In terms of zoning and use, the Pigeon Point neighborhood is surrounded by industrial facilities to the west, north, and east. There is a commercial core located along Delridge Way to the southwest.

Solar Access

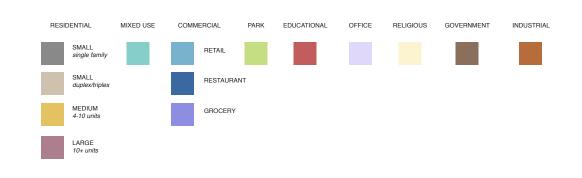
The site is expected to receive ample solar access from the south and west. Structures that border the site on these sides are not of sufficient height to significantly shade the site.

Views

Views to the north and northeast are considered one the site's best assets. From the site the Puget Sound, the downtown Seattle skyline and the space needle are all clearly visible.

Design Approach

The design approach responds to the varied residential typology, scale and character of the neighborhood and seeks to create subtle points of connection to maintain and enrich the existing context.



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NEIGHBORHOOD ANALYSIS

The proposed project is within the Pigeon Point neighborhood, which is located in the northern portion of the broader Delridge neighborhood in West Seattle. Pigeon Point is predominately comprised of residential uses with a diverse mix of single family houses with a few multi-family homes. Delridge Way SW, a main arterial roughly four blocks from the proposed site, is lined with commercial properties housing local businesses and amenities.

The Pigeon Point Neighborhood is distinctly defined by West Seattle Bridge to the north, Delridge Way to the west, and Marginal Way to the east. The neighborhood is known for its uniqueness, characterized by the wide variety of housing styles that can be found alongside a generous portion of natural landscape. Home age in the area spans the past century, which is reflected in the diversity of building characters. Further, there are no large swaths of homogeneity: newer developments can be found alongside older homes throughout the neighborhood. See images 1-5.

Due to the area's sloping topography, large green belts have been preserved, one of which runs directly north of the proposed site. These vegetated areas are considered one of the areas most valued assets. From the site, views extend over this natural area and on toward Puget Sound and downtown Seattle's skyline.

Surrounding the extents of the Pigeon Point Neighborhood to the west, north and south are industrial uses. The facilities of these business have a strong presence and add to the unique character of the area. Most notable are the Nucor Steel Plant and the Port of Seattle, both of which are visible from the proposed site.



Signage at Delridge Community
Center noting the area's diversity.



Pigeon Point entry signage on SW Andover St. Similar signs mark other entrances to the neighborhood.



Pigeon Point entry signage directly off the West Seattle Bridge bike trail. Neighborhood and site are well accessed by commuters.



Pathway through one of the neighborhood's many greenbelts.



Nucor Steel Plant located northwest from the Pigeon Point neighborhood and visible from the proposed site.











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NEIGHBORHOOD ANALYSIS

The proposed site is near several different amenities and is well accessed by multiple modes of transportation. There is a bus stop within a quarter mile of the site that serves the main commercial area of West Seattle and is located along two lines that access downtown Seattle. Delridge Way is a main arterial, while Andover St and 22nd Ave are classified as minor arterials. The West Seattle Bridge Trail runs very near the site, which is a main commuter route for bikers and walkers traveling between West Seattle and downtown Seattle.

Amenities located within a quarter mile of the site include a small grocery store, a handful of restaurants and a number of small businesses. Within a half mile are the West Seattle Health Club, Delridge Community Center and Youngstown Cultural Arts Center.

There are a growing number of multifamily projects in the neighborhood. Older homes in the area of being replaced by townhouse, rowhouse and apartment structures. Within a quarter mile of the site, along Delridge Way, there are plans for a 4-unit townhouse structure and 30-unit apartment building. In general there is increased interest in the Pigeon Point neighborhood as more people have begun to appreciate its proximity to downtown and unique character.







Main Arterial

Minor Arterial

Bike Lane

Extents of Pigeon Point Neighborhood

Transit stop and associated lines





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SITE ANALYSIS

The site will be accessed via a new driveway off of SW Charlestown Street at the southeast corner of the site. The lot measures rougly 85 feet in depth by roughly 115 feet in length. There is currently an existing single-family residence on the site that was built in 1957 and is proposed to be removed. The lot is bordered by other single-family structures to the east, west and north. The West Seattle Bridge is located directly to the north of the site beyond which there is a substantial amount of industrial uses.

The site has exceptional views of the Duwamish Waterway, Puget Sound, and downtown Seattle's skyline to the north.

The proposed design seeks to address the following Design Guidelines:

CS1 NATURAL SYSTEMS AND SITE FEATURES

C. TOPOGRAPHY

D. PLANTS AND HABITAT

CS2 URBAN PATTERN AND FORM

A. LOCATION IN THE CITY AND NEIGHBORHOOD

C. RELATIONSHIP TO THE BLOCK

D. HEIGHT, BULK, AND SCALE

CS3 ARCHITECTURAL CONTEXT AND CHARACTER

A. EMPHASIZING POSITIVE NEIGHBORHOOD ATTRIBUTES

PL2 WALKABILITY

A. ACCESSIBILITY

B. SAFETY AND SECURITY

PL3 STREET LEVEL INTERACTION

A. ENTRIES

C. RESIDENTIAL EDGES

PL4 ACTIVE TRANSIT

B. PLANNING AHEAD FOR BICYCLISTS

DC1 PROJECT USES AND ACTIVITIES

A. ARRANGEMENT OF INTERIOR USES

C. PARKING AND SERVICE USES

DC2 ARCHITECTURAL CONCEPT

A. MASSING

B. ARCHITECTURAL AND FAÇADE COMPOSITION

C. SECONDARY ARCHITECTURAL FEATURES

D. SCALE AND TEXTURE

E. FORM AND FUNCTION

DC3 OPEN SPACE CONCEPT

A. BUILDING-OPEN SPACE RELATIONSHIP

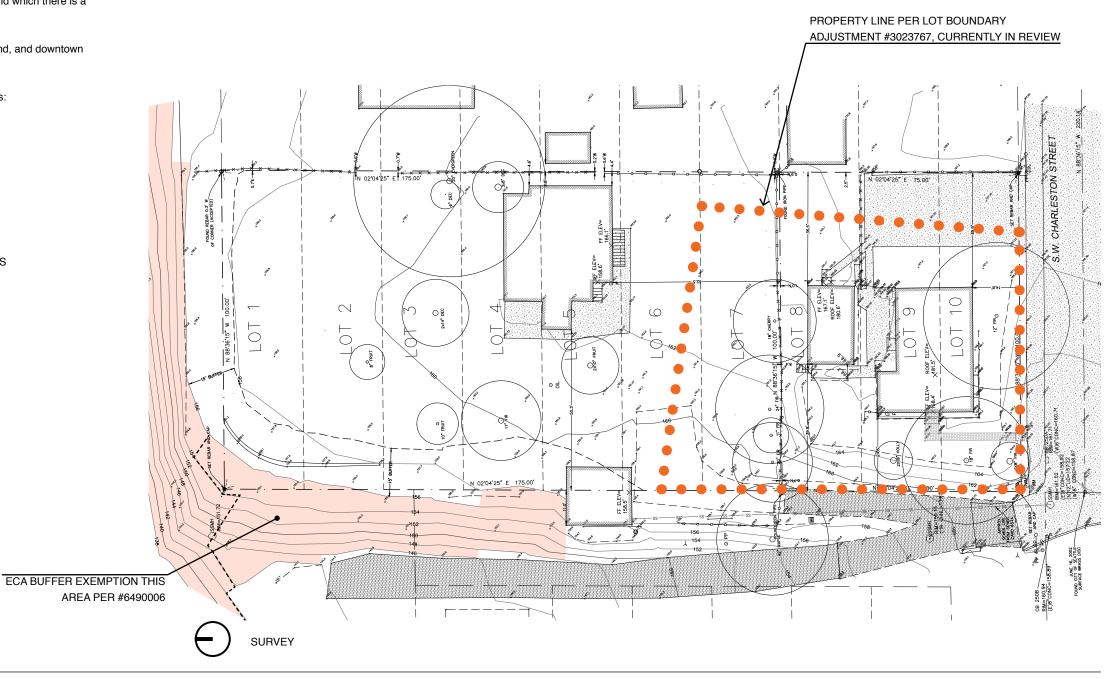
DC4 EXTERIOR ELEMENTS AND MATERIALS

A. EXTERIOR ELEMENTS AND FINISHES
B. SIGNAGE

C. LIGHTING

10

D. TREES, LANDSCAPE AND HARDSCAPE MATERIALS

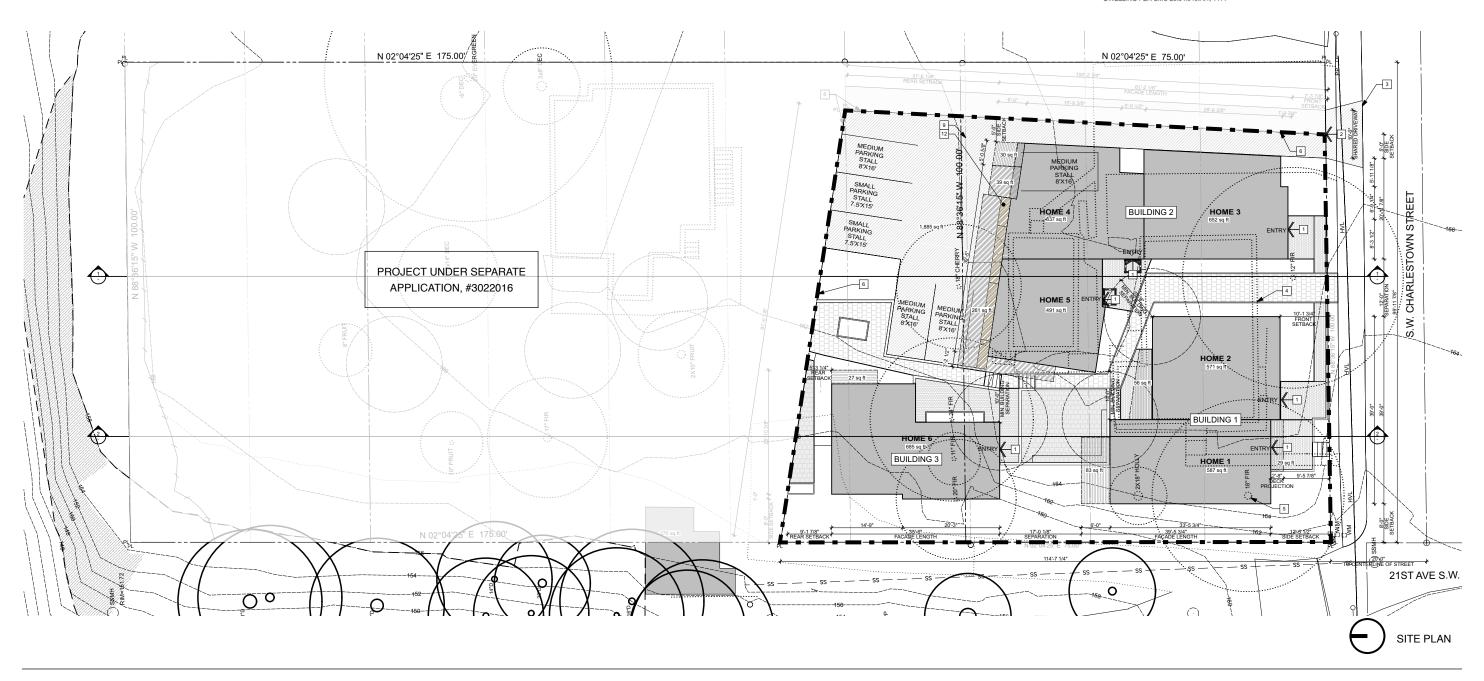


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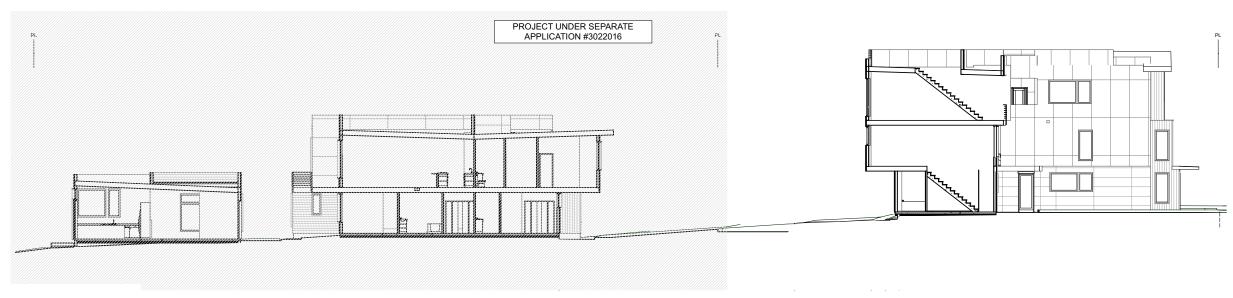
SITE PLAN

SITE PLAN NOTES

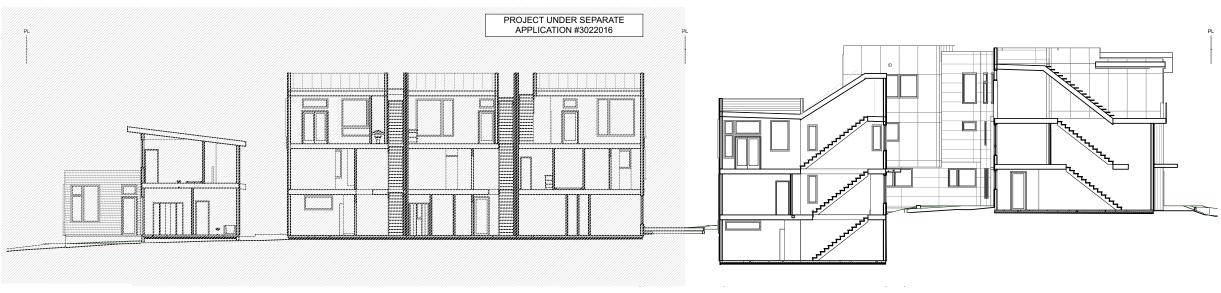
- PEDESTRIAN ACCESS
- VEHICULAR ACCESS
- NEW 10'-0" CURB CUT PER SDOT STANDARDS
- EXISTING STRUCTURE TO BE DEMOLISHED
- TREES TO BE REMOVED, TYPICAL
- PROPERTY LINE PER LOT BOUNDARY ADJUSTMENT #3023767.
- 7. ECA STEEP SLOPE AREA ECA STEEP SLOPE BUFFER
- EXISTING PROPERTY LINE
- EXISTING STRUCTURE TO REMAIN
- PROVIDE 8'-0" RIGHT-OF-WAY DEDICATION ALONG 21ST AVE NW
- 12. PROVIDE TRASH ENCLOSURE FOR EACH DWELLING PER SMC 23.54.040.A.1, TYP.



SITE SECTIONS



SECTION 1 (Reference Site Plan Pg. 11)



SECTION 2 (Reference Site Plan Pg. 11)

CONCEPTUAL SITE SECTIONS



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CONTEXT & SITE

CONTEXT AND SITE

CS1 NATURAL SYSTEMS AND SITE FEATURES

C. TOPOGRAPHY

D. PLANTS AND HABITAT

GUIDANCE

Large mature trees may exist on site. With an arborist report determine if trees are located on site or off site and whether they are exceptional. If exceptional the tree protection area will need to be identified and maintained.

Utilize topography, site design and massing to step units, visually identifying each town house while minimizing the mass of the overall development.

Site design should maximize individual unit and common open space views and solar access.

CS2 URBAN PATTERN AND FORM

A. LOCATION IN THE CITY AND NEIGHBORHOOD

C. RELATIONSHIP TO THE BLOCK

D. HEIGHT, BULK, AND SCALE

GUIDANCE

Provide a strong connection to the street. Articulate each unit and provide a quality materials application.

CS3 ARCHITECTURAL CONTEXT AND CHARACTER

A. EMPHASIZING POSITIVE NEIGHBORHOOD ATTRIBUTES

GUIDANCE

Building massing, modulation, fenestration and materials should be respectful of existing context and set a good example for future buildings.

RESPONSE

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Regarding the guidance on existing site trees, an arborist reviewed the site and confirmed that according to the Director's Rule 2008, there are no groves on or overhanging the lot and there are no exceptional trees on the project lot. The arborist did identify four exceptional Bigleaf Maple Trees in the SDOT right of way to the west of the lot and will provide guidance on the specifics for the tree protection area which shall be identified and maintained during construction.

The site plan utilizes the existing topography by breaking up the six units into three separate structures that are organized to maximize the view potential to the north and west as well as provide ample access to light and air for each unit. The massing responds to the topography which slopes down towards the north by pushing the northernmost unit down in elevation to minimize the mass of the overall development and provide access to the views for the duplex located behind it.

A central pedestrian path provides access from the street to each unit entry, shared courtyard and surface parking area. The parking is accessed by a driveway at the east edge of the site in order to minimize the car and emphasize the central pedestrian walkway. Ample setbacks are provided to the adjacent sites and generous building separations are provided within the project site to create an evolving exterior spatial experience and access to light, air and exterior space for each individual unit.

The massing, material selection and glazing are designed to respond to the orientation of the units and the adjacent context to the façades by using contrasting colors, natural material, detail elements and canopies to visually identify each unit and minimize the overall mass of the development. Shed roofs are provided at the street-facing masses in order to fit into and respect the existing context.

PUBLIC LIFE

PUBLIC LIFE

PL2 WALKABILITY

A. ACCESSIBILITY
B. SAFETY AND SECURITY

GUIDANCE

Consider how building meets street, how pedestrian will identify units from the street and access units.

Utilize stoops but seek an appropriate grade change to the street to create privacy but minimize height of the structure.

PL3 STREET LEVEL INTERACTION

A. ENTRIES

C. RESIDENTIAL EDGES

GUIDANCE

Utilize the front, rear and interior setbacks to provide a semi-private buffer to the street and adjacent units. Design the entry as a collection of elements including overhead features, ground surface, landscaping and lighting.

PL4 ACTIVE TRANSIT

B. PLANNING AHEAD FOR BICYCLISTS

GUIDANCE

Incorporate bike movement and parking into the overall building design.

RESPONSE

The material design at the street is modulated into one and two-story volumes that create a rhythm to direct the pedestrian down the central walkway which provides access to each unit, shared courtyard and surface parking area. The path is further emphasized by the use of color at then end of the framed opening to draw the visual interest further into the project. The central path is distinguished from private entry paths with contrasting paver colors to delineate the private and more public functions. Natural material and bold colored canopies are designed carefully at the street to emphasize each individual unit entry.

Generous setbacks are provided to the adjacent sites and ample interior setbacks are provided within the project site to provide a privacy buffer to the individual units. Each exterior setback provides a different function with the driveway located along the east property line, the individual unit entries and central pedestrian path provided at the street and an 8-foot setback provided along the west property line that will be fully landscaped. The central pedestrian path is located within 12-foot building separation and is detailed with landscaping surrounding the paved path. The shared courtyard opens to the west property line and is located to provide a moment of pause along the pedestrian path while also providing a buffer area for the surrounding units.

Shared bicycle parking is provided in the existing garage located on adjacent project site under application #3022016

DESIGN CONCEPT

DESIGN CONCEPT

DC1 PROJECT USES AND ACTIVITIES

A. ARRANGEMENT OF INTERIOR USES C. PARKING AND SERVICE USES

GUIDANCE

Locate solid waste and recycling storage within the building to minimize impacts on adjacent sites.

DC2 ARCHITECTURAL CONCEPT

A. MASSING

B. ARCHITECTURAL AND FAÇADE COMPOSITION

C. SECONDARY ARCHITECTURAL FEATURES

D. SCALE AND TEXTURE

E. FORM AND FUNCTION

DC3 OPEN SPACE CONCEPT

A. BUILDING-OPEN SPACE RELATIONSHIP

GUIDANCE

Locate ground level open space to enhance overall site design and provide opportunities for resident interaction.

DC4 EXTERIOR ELEMENTS AND MATERIALS

A. EXTERIOR ELEMENTS AND FINISHES

B. SIGNAGE

C. LIGHTING

D. TREES, LANDSCAPE AND HARDSCAPE MATERIALS

RESPONSE

The trash storage area for each unit is provided along the south edge of the surface parking area in order to minimize the impacts on adjacent sites as well as the project site while maintaining easy access to the units and the street.

The project site design emphasizes the pedestrian experience with the centralized pedestrian path, shared courtyard and larger surface parking/woonerf area. These exterior spaces enhance the overall site design by creating moments of movement and pause throughout the project that encourage resident interaction at the ground level. Individual decks and roof decks provide further activation at different elevations. Material selection in the siding and ground treatment work in coordination with the landscape design to further enhance these exterior spaces to create distinct spaces and encourage interaction.

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1 2 3 4 5 **6** 7 8 ADJUSTMENT SUMMARY

ADJUSTMENT TABLE

The modification to the code compliant scheme requires the following adjustments, each of which are allowed under the SDR Process:

1	AMENITY AREA	AT LEAST 50% OF COMMON	AT LEAST 25% OF COMMON	25% REDUCTION OF	THE PROJECT IS DESIGNED TO CREATE DISTINCT SPACES WITHIN A SITE	DC3 OPEN SPACE CONCEPT, DC1 PROJECT USES & ACTIVITIES
	CMC 22 45 522 5 h 1	AMENITY AREA PROVIDED	AMENITY AREA PROVIDED AT	LANDSCAPING REQUIREMENT	SPECIFIC COMMUNITY ORIENTED DEVELOPMENT. A CENTRALIZED	
	SMC 23.45.522.5.b.1	AT GROUND LEVEL SHALL BE	GROUND LEVEL SHALL BE	WITHIN COMMON AMENITY	PEDESTRIAN PATH CONNECTS THE STREET, UNIT ENTRIES, SHARED	
		LANDSCAPED	LANDSCAPED	AREA	COURTYARDS AND SURFACE PARKING AREA. SIDING MATERIAL AND	
					COLOR, PAVEMENT TEXTURE AND LANDSCAPING ARE DESIGNED TO	
				ADJUSTMENTS ARE WITHIN	DIFFERENTIATE THE WALKING PATH FROM THE COURTYARD MOMENTS	
				LIMITS ALLOWED PER SMC	OF PAUSE. THERE IS A LOT OF POTENTIAL FOR LANDSCAPING ON THE	
				23.41.018.D.4.d	SITE AND THE REDUCTION IN COMMON AMENITY AREA LANDSCAPING	
					REQUIREMENT ALLOWS MORE FLEXIBLITY TO DESIGN THE EXTERIOR	
					SPACES AS DISTINCT SPACES WITH THE LANDSCAPING PROVIDED IN	
					OTHER AREAS FOR CONTRAST.	

CONCEPTUAL SITE PLAN



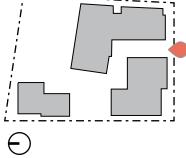
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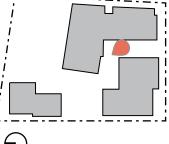
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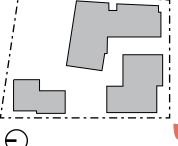


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STREET VIEW FROM SOUTHEAST CORNER



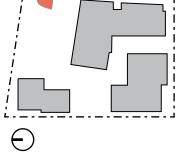


STREET VIEW FROM SOUTHWEST CORNER

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VIEW FROM NORTHEAST CORNER

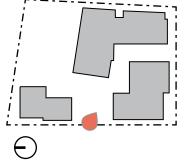
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VIEW FROM NORTHWEST CORNER





COURTYARD VIEW

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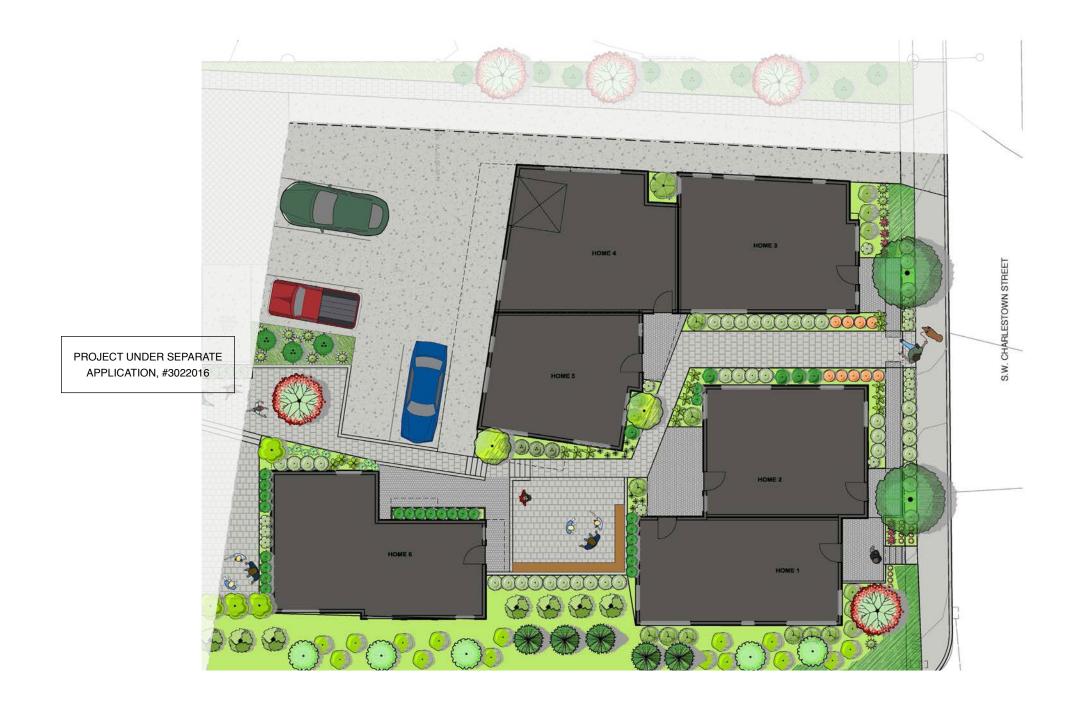




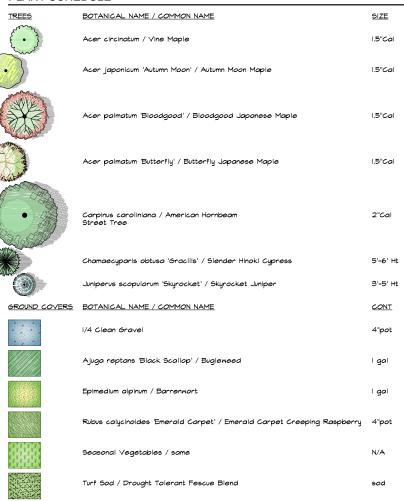
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PLANT SCHEDULE



PLANT SCHEDULE

SHRUBS	BOTANICAL NAME / COMMON NAME	<u>SIZE</u>
	Aralia cordata 'Sun King' / Sun King Aralia	2 gal
\odot	Berberis thunbergii 'Orange Rocket' / Orange Rocket Barberry	2 gal
*	Blechnum spicant / Deer Fern	l gal
(a)	Carex morrowii 'Ice Dance' / Ice Dance Japanese Sedge	l gal
*	Carex testacea / Orange Sedge	l gal
	Chamaecyparis pisifera 'Golden Mopps' / Golden Mopps Sanara False Cypress	5 gal
	Cornus alba 'Bailhalo' TM / Ivory Halo Dognood	l gal
0	Cornus sericea 'Kelseyi' / Kelseyi Dogwood	2 gal
O	Dryopteris erythrosora / Autumn Fern	l gal
	Evonymus japonicus 'Greenspire' / Greenspire Upright Evonymus	l gal
*	Hakonechloa macra 'Aureola' / Golden Variegated Hakonechloa	l gal
	Hosta x 'Fire and Ice' / Plantain Lily	l gal
	Hydrangea quercifolia / Oakleaf Hydrangea	3 gal
\odot	llex crenata 'Sky Pencil' / Sky Pencil Japanese Holly	5 gal
**	Imperata cylindrica 'Red Baron' / Japanese Blood Grass	l gal
0	Leucothoe fontanesiana 'Rainbow' / Rainbow Leucothoe	2 gal
8	Liriope spicata 'Big Blue' / Creeping Lily Turf	l gal
	Mahonia repens / Creeping Oregon Grape	l gal
377	Pennisetum orientale / Oriental Fountain Grass	l gal
	Pieris japonica 'Brouwer's Beauty' / Lily of the Valley Bush	3 gal
	Rhododendron x 'Ramapo' / Ramapo Rhododendron	3 gal
	Sarcococca ruscifolia / Fragrant Sarcococca	2 gal
	Spiraea japonica 'Firelight' / Firelight Spirea	2 gal
• • • • • • • • • • • • • • • • • • •	Taxus x media 'Hicksii' / Hicks Yew	3'-5' Ht
	Vaccinium x 'Sunshine Blue' / Blueberry	2 gal
	Viburnum plicatum tomentosum 'Mariesii' / Mariesii Double File Viburnum	5 gal

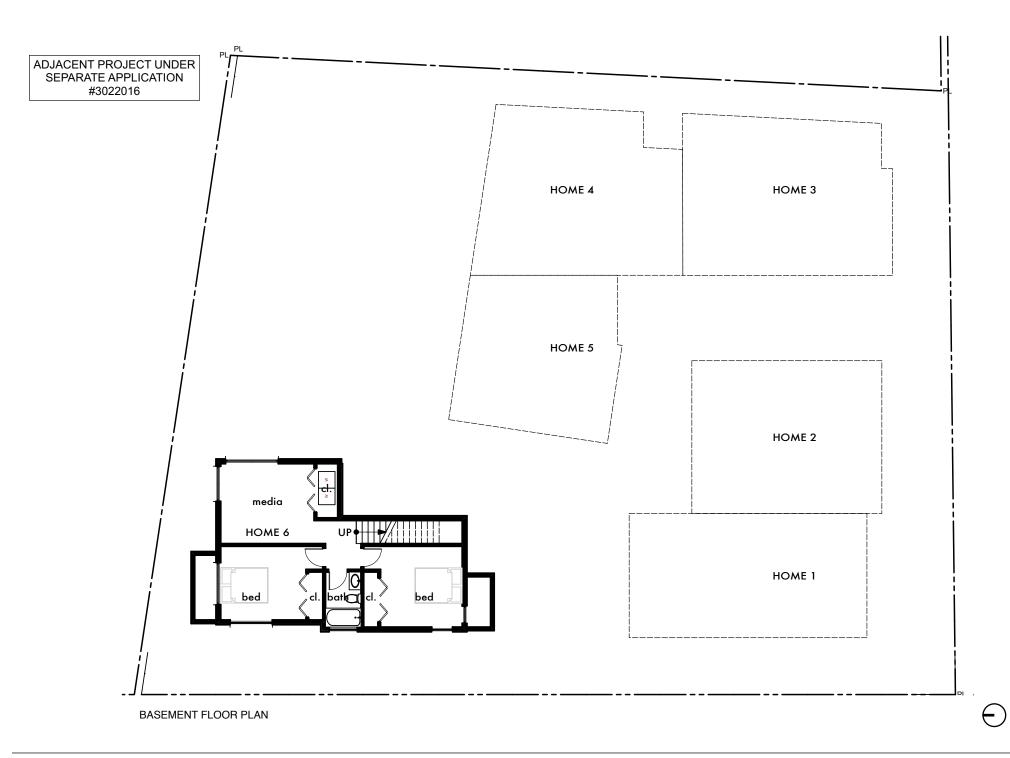
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PRIVACY ELEVATION

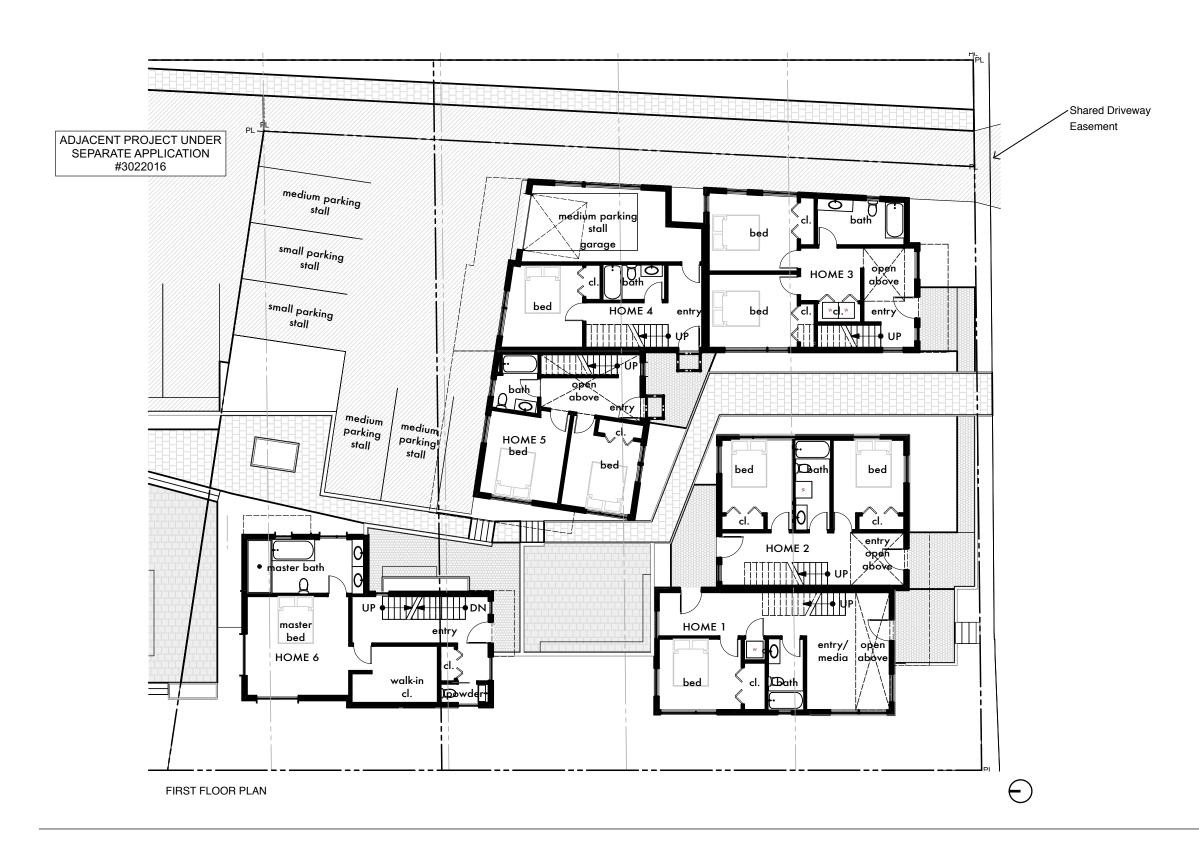


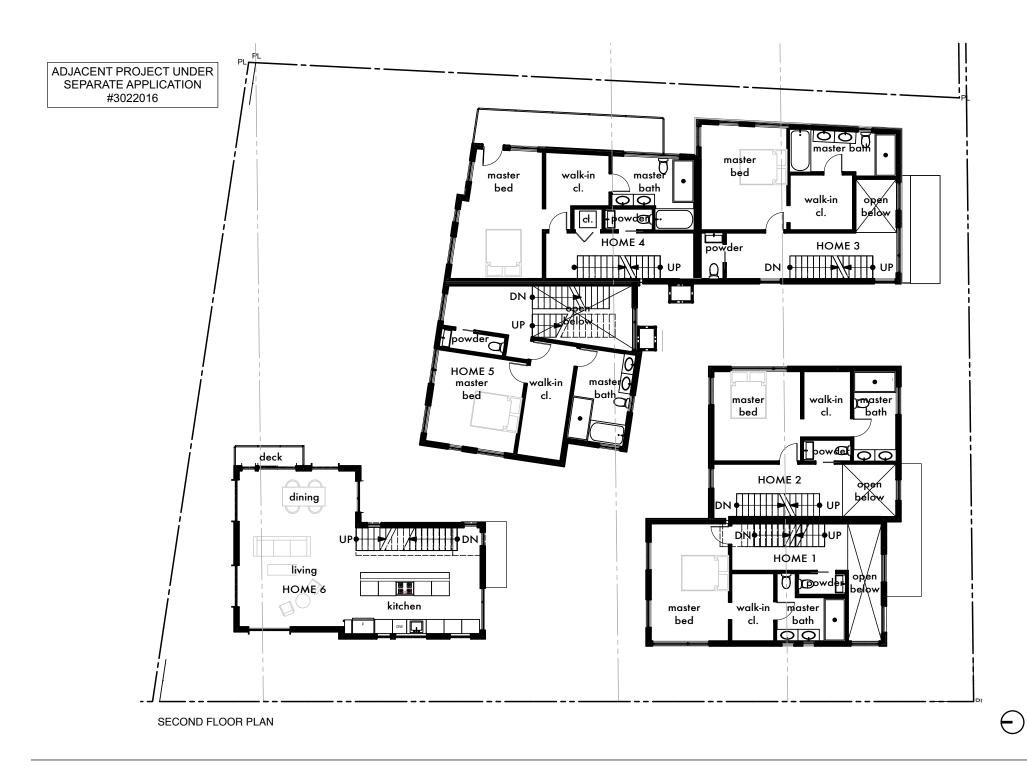
EAST PRIVACY ELEVATION (THERE ARE NO BUILDINGS TO THE NORTH, WEST, AND SOUTH OF PROJECT SITE)

FLOOR PLANS

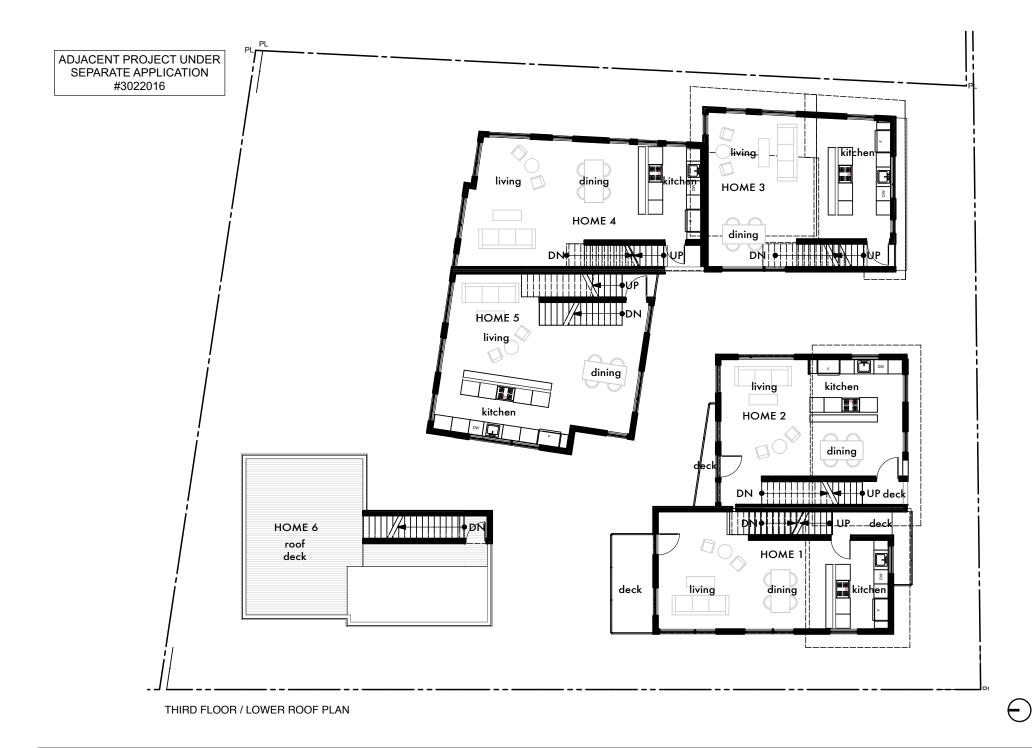


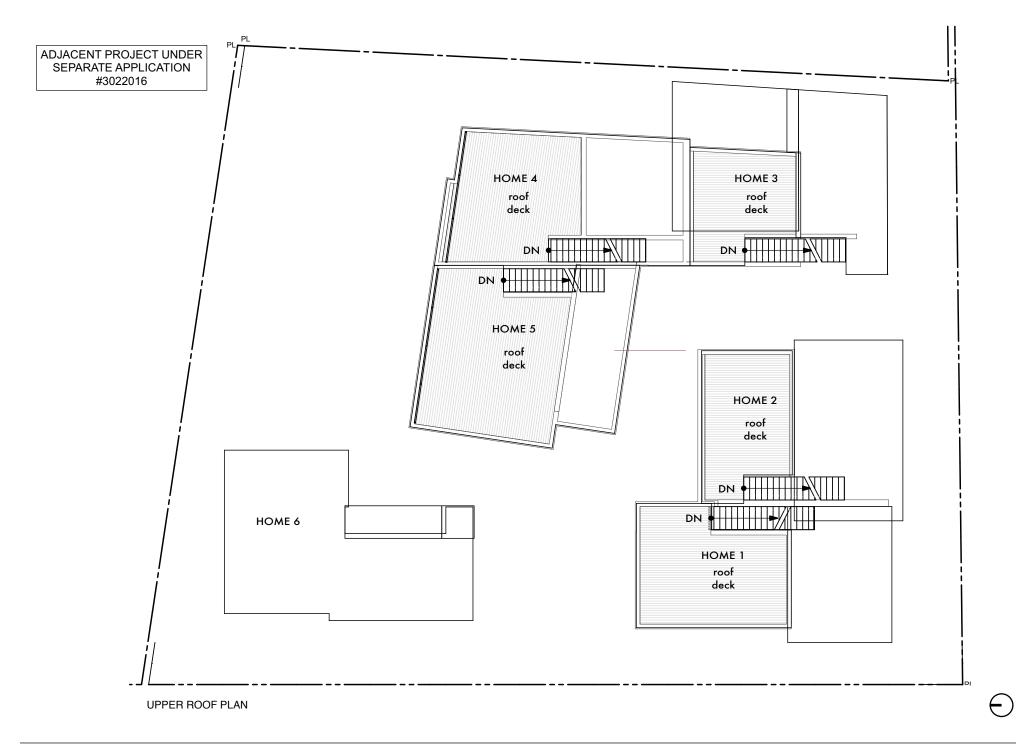
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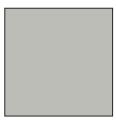


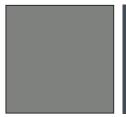
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RENDERED ELEVATIONS



South Elevation



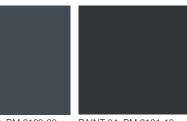


 PAINT 01: SW 7065
 PAINT 02: SW 7067
 PAINT 03: BM 2129-30
 PAINT 04: BM 2131-10

 ARGOS
 CITYSCAPE
 BLUE NOTE
 BLACK SATIN

 4X8' OR 2X8' PANEL
 4X8' OR 2X8' PANEL
 4X8' OR 2X8' PANEL
 4X8' OR 2X8' PANEL

 OR HORIZONTAL SIDING
 OR HORIZONTAL SIDING
 OR HORIZONTAL SIDING
 OR HORIZONTAL SIDING



PAINT 03: BM 2129-30 PAINT 04: BM 2131-10 PAINT 05: BM 2175-10 BLUE NOTE BLACK SATIN AZTEC BRICK 4X8' OR 2X8' PANEL



STAIN 01: SW 7065 CEDAR CABOT SEMI-TRANSPARENT STAIN, BLACK.



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PAINT 01: SW 7065 ARGOS



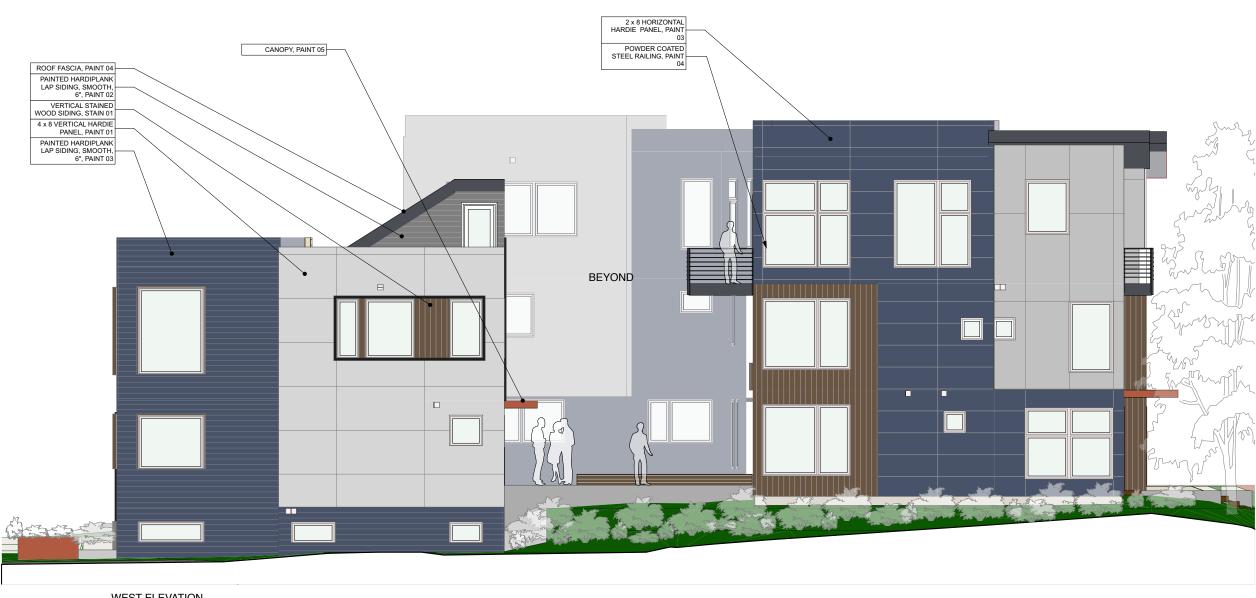
PAINT 03: BM 2129-30 BLUE NOTE 4X8' OR 2X8' PANEL 4X8' OR 2X8'



PAINT 04: BM 2131-10 PAINT 05: BM 2175-10 BLACK SATIN AZTEC BRICK 4X8' OR 2X8' PANEL



STAIN 01: SW 7065 CEDAR CABOT SEMI-TRANSPARENT STAIN, BLACK.

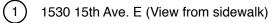


WEST ELEVATION

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2 3515-19 Wallingford Ave. N



3 90 E Newton St.



1530 15th Ave. E. (View from street)



5 1411 E. Fir St. (View from street)



6 1411 E. Fir St. (View of interior boardwalk)



7 1911 E Pine St. (View of interior of canyon) 8 1911 E. Pine St. (View from street)

