

# 9229 & 9225 16th Ave SW | STREAMLINED DESIGN REVIEW

01/03/17





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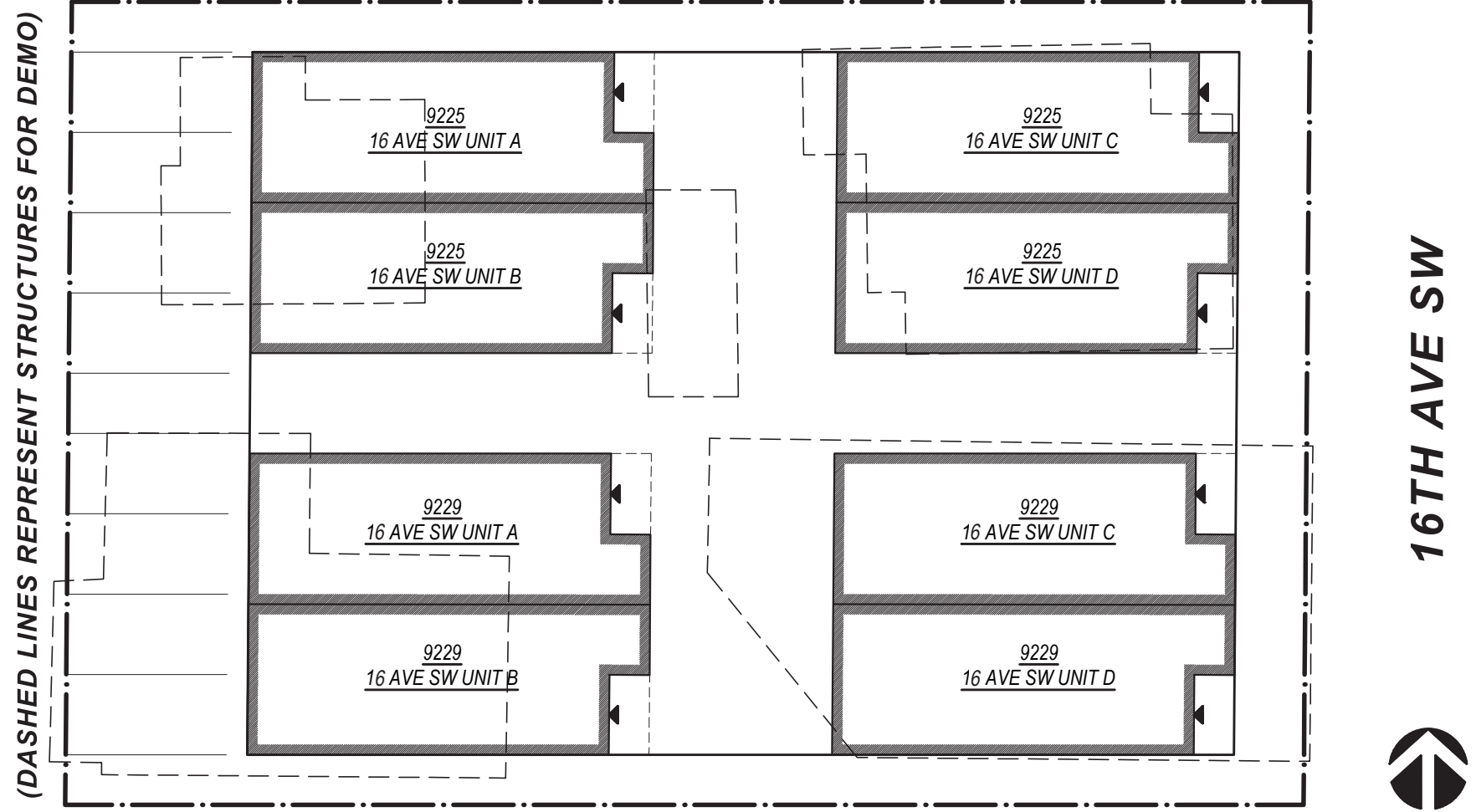
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Perspective of project location looking southwest from 16th Avenue SW.



**9229 - 9229 16TH AVE SW PROJECT INFO:**

Project # 3026206  
 Parcel # 935290-0035 & 935290-0045  
 Development Objectives: REMOVE EXISTING STRUCTURES AND CONSTRUCT FOUR NEW TOWN HOMES TO YIELD EIGHT UNITS TOTAL

Legal Description:  
 LOTS 7 & 8, INCLUSIVE, BLOCK 1, WHITE CENTER, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 20 OF PLATS, PAGE 65, RECORDS OF KING COUNTY, WASHINGTON.

EXCEPT THE EAST 5 FEET THEREOF CONVEYED TO THE CITY OF SEATTLE FOR STREET.

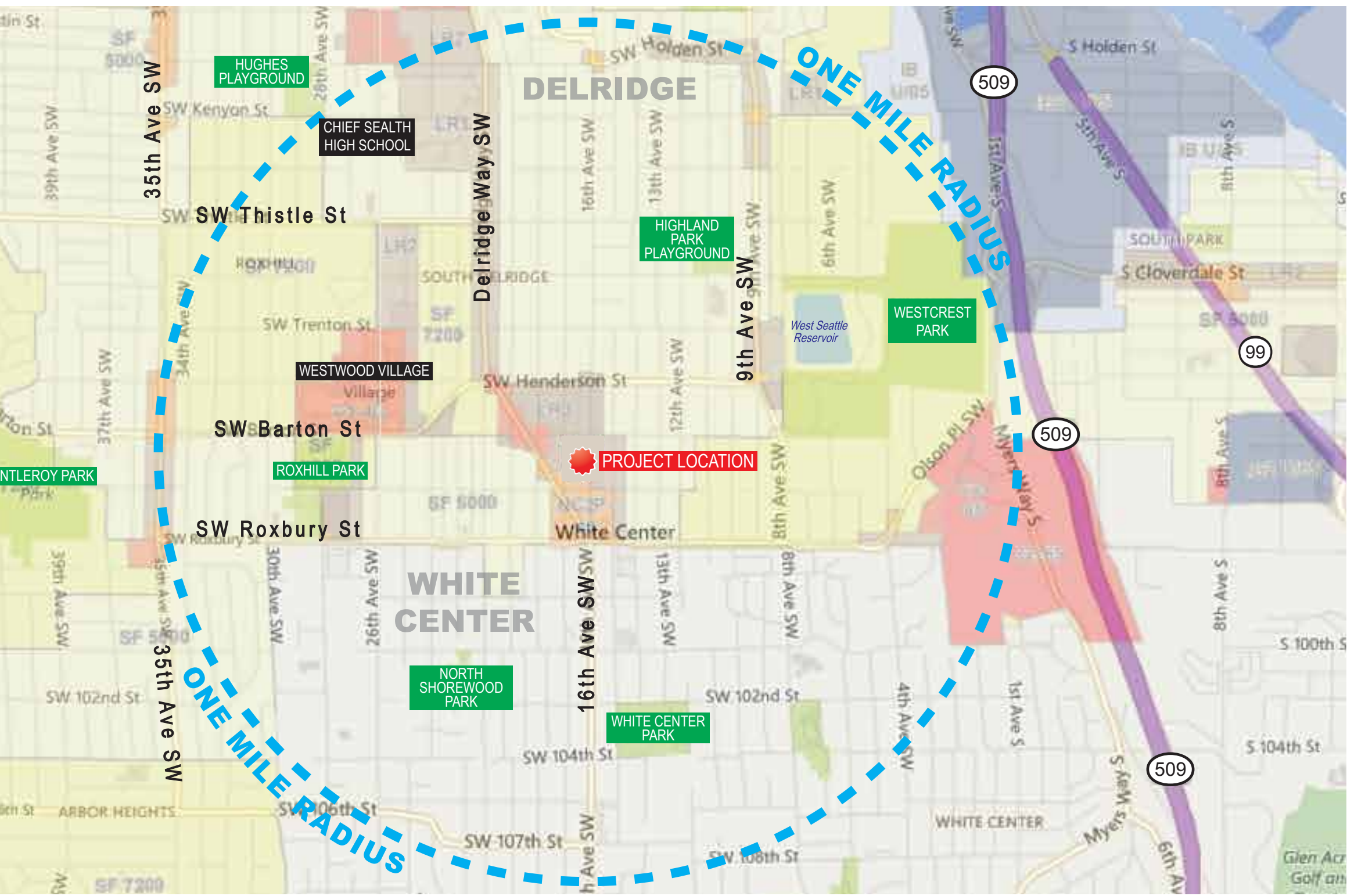
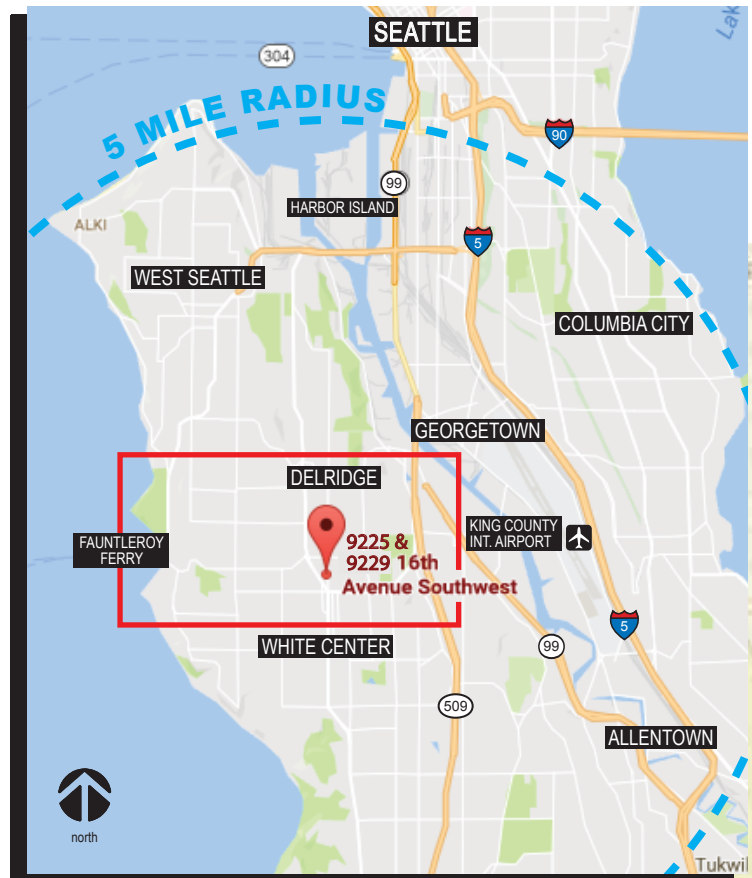
**ZONING SUMMARY:**

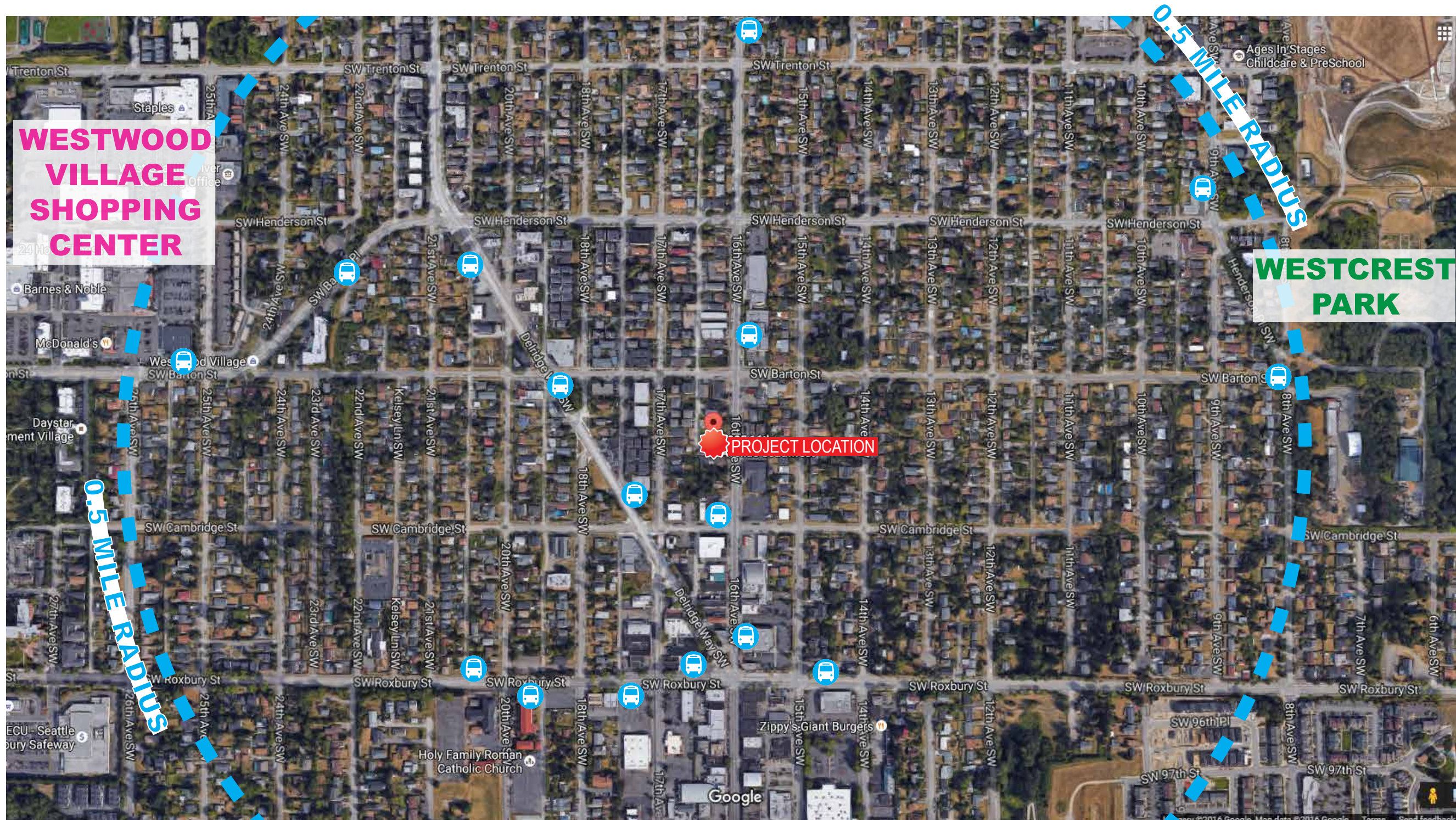
Address:	9229 & 9225 16th Ave SW 98106	Parking (AUTO):	Table B for 23.54.015.I.I (1 parking spot per unit proposed)
Base Zone:	LR3 - RC	Density:	1/1600 or Unlimited
Urban Village Overlay:	Westwood-Highland Park (Residential Urban Village)	Building Height:	Table A for 23.45.514 = 30 feet (plus bonus)
Combined Lot Area:	9,866.6 sf	Setbacks:	Front = 5'-0" min / 7'-0" avg Rear = 5'-0" min / 7'-0" avg Sides 5'-0" (facades < 40') Sides 5'-0" min / 7' avg (facades > 40')
FAR:	9,864 (1.4) Table A for 23.45.510 - Built Green 4 Star =13,813.2 sf allowable / 4 proposed buildings = 3,453.3 sf per building / 3 floors = 1,151.1 sf per floor		
Frequent Transit:	No		

PROJECT LOCATION MAPS (NTS)

**Zoning Map Legend:**

IG2 U/85	industrial buffer	C2-65	mid-rise commercial	SF 7200	single family 7200 SF	LR 1,2,3	low-rise 1,2,3
IB U/85	gen. industrial	NC2-40	neighborhood commercial	SF 5000	single family 5000 SF		





A map showing a half mile radius from the site. Small businesses encompass Delridge Way SW, two blocks away from our project location. South of SW Cambridge St along 16th Ave SW, more retail shops and restaurants can be found.

To the west resides Westwood Village Shopping Center which includes retail businesses such as a Marshalls, QFC, a Barnes and Nobles, a Staples, and more.

To the east of the site is Westcrest Park which offers a nice viewpoint of the city and open green space for recreational and leisurely activities.

There are also plenty of bus stops within walking distance shown along Delridge Way SW and SW Roxbury St that bring residents to and from Downtown Seattle and Tukwila.



NEIGHBORHOOD CONTEXT- aerial view

(NTS)

**3** VICINITY MAP  
half mile radius



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**NEIGHBORING BUILDINGS & USES:**

- 1** Project Location
- 2** Single Family Residence
- 3** Townhouses
- 4** Apartment Building
- 5** Two-Family Residence (single story)
- 6** Small Business
- 7** Church
- 8** Westwood Christian Community Ctr
- 9** The Salvation Army

One can see from this diagram that the majority of the surrounding buildings are made up of a combination of single family residences, town homes, and apartment buildings. Also within the 500 ft radius shown is a Salvation Army, a church, the Westwood Christian Community Center, and three auto body repair shops.

Bus stops are located, fairly equidistantly, adjacent to the north at SW Barton St. as well as to the south on SW Cambridge St. Bus 60 goes to Westwood Village. Bus 128 goes as far as Southcenter in Tukwila.

The zoning map on pg 2 shows a commercial zoning overlay south of SW Cambridge St which is also within walking distance. There are many retail shops and restaurants here along 16th Ave SW.



PROJECT LOCATION



↑ Prado Transmission & Auto Repair  
@ corner of SW Cambridge & 16th Ave SW

↑ single family residences

9229 & 9225  
16th Ave SW

↑ single family residences

↑ (2) different typologies of  
multi-family housing

STREET ELEVATION- looking west from 16th Ave SW

(NTS)



↑ Auto & Break Services  
@ corner of SW Barton and 16th

↑ town homes built in 2010  
on opposite side of street

↑ Westwood Christian Community Center

STREET ELEVATION- looking east from 16th Ave SW

(NTS)





**A** 9217 16th Ave SW: SFR, north of the site.



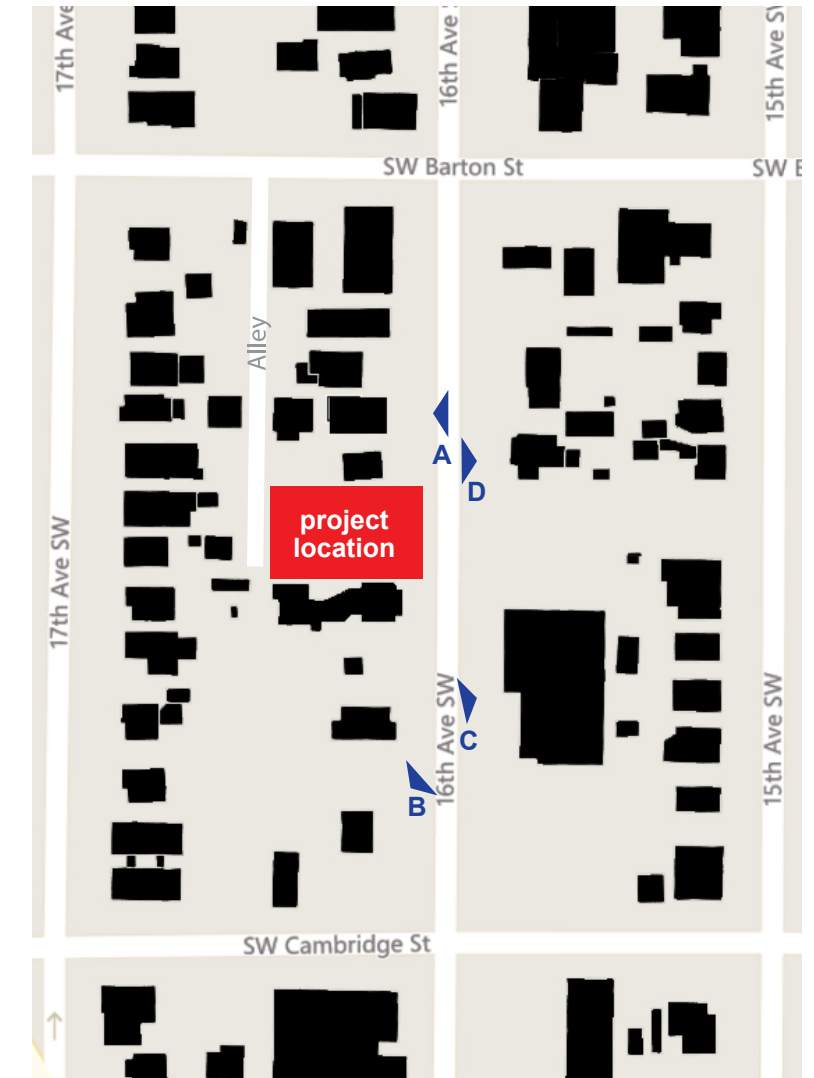
**B** Autobody shop @ corner of Cambridge St, south of the site. Doesn't add much visual appeal to the neighborhood.



**C** Westwood Christian Community Center takes up a significant portion of 16th Ave SW between SW Barton and SW Cambridge. Offers Christian Bible studies, youth group activities, and prayer for community members.



**D** Recently developed town-homes across the street from project location. Built in 2010. Offers visual interest from street in terms of choice of materials, projecting balconies, combination of flat and pitched roofs. Landscaping and walkways at street level create warm, welcoming atmosphere.



REFERENCE MAP:

(NTS)



Much of Seattle is becoming redeveloped in an attempt to create more density to meet its increasing housing demands. Typically, as architects, we strive to make our designs fit within the existing site and neighborhood conditions. However, context is difficult to blend in with in this situation because the area is in a transition. 16th Ave SW is predominantly comprised of older apartment buildings, single family residences, and small businesses.

Massing, scale, type, age, and appearance vary significantly in the neighboring sites.

One thing we noticed about the existing conditions is how spacious 16th Ave SW feels due to the wide street, bike lane, and parking lanes on both sides.







**A** Salvation Army building @ corner of SW Barton and 16th Ave SW, recently renovated in 2004 to include a community center, gymnasium, and chapel.



**B** Existing small auto repair shop @ corner of SW Barton and 16th Ave SW as a result of LR3-RC zoning.



**C** Existing two-family home @ corner lot of SW Barton and 16th Ave SW. Modest in appearance.



**D** View from 17th Ave SW of a single family residence in foreground. Notice height differentiation of newer townhome buildings in background.



**E** Larger apartment building built in 1970s. Flat facades, monochromatic color, bland texture.



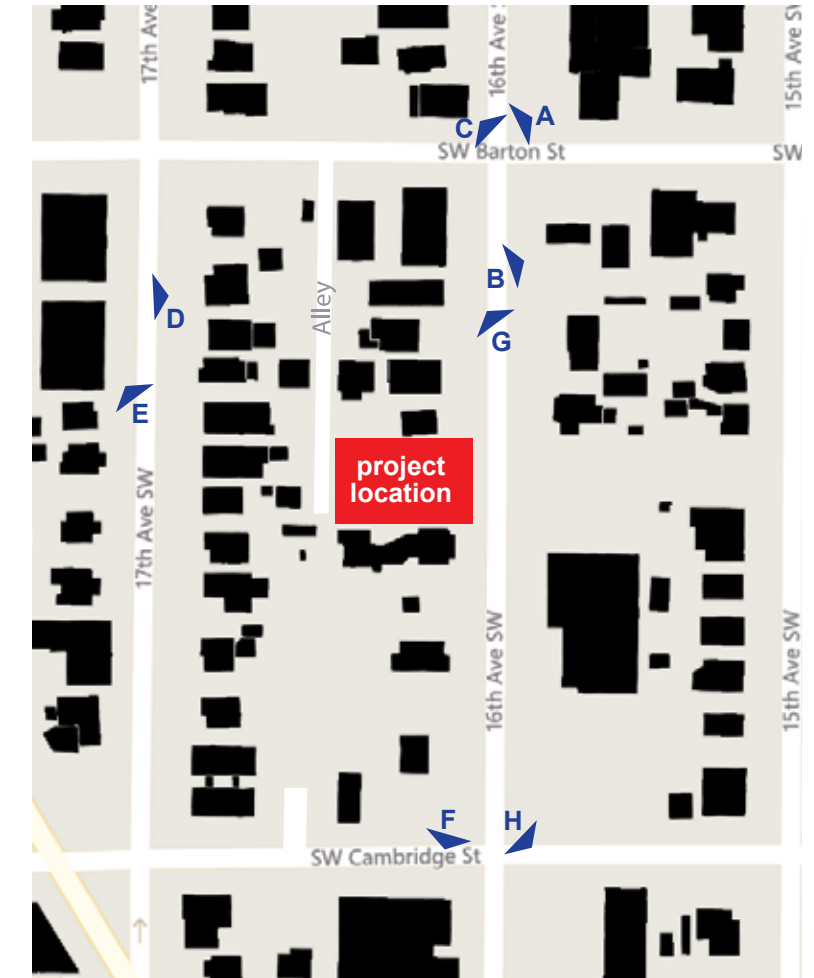
**F** Example of double corridor, three-story, multi-family housing @ SW Cambridge & 16th Ave SW.



**G** Older looking apartment building and two-story home north of site.



**H** TAM Industries (skylight manufacturer) on corner of SW Cambridge St. & 16th Ave SW.



REFERENCE MAP:

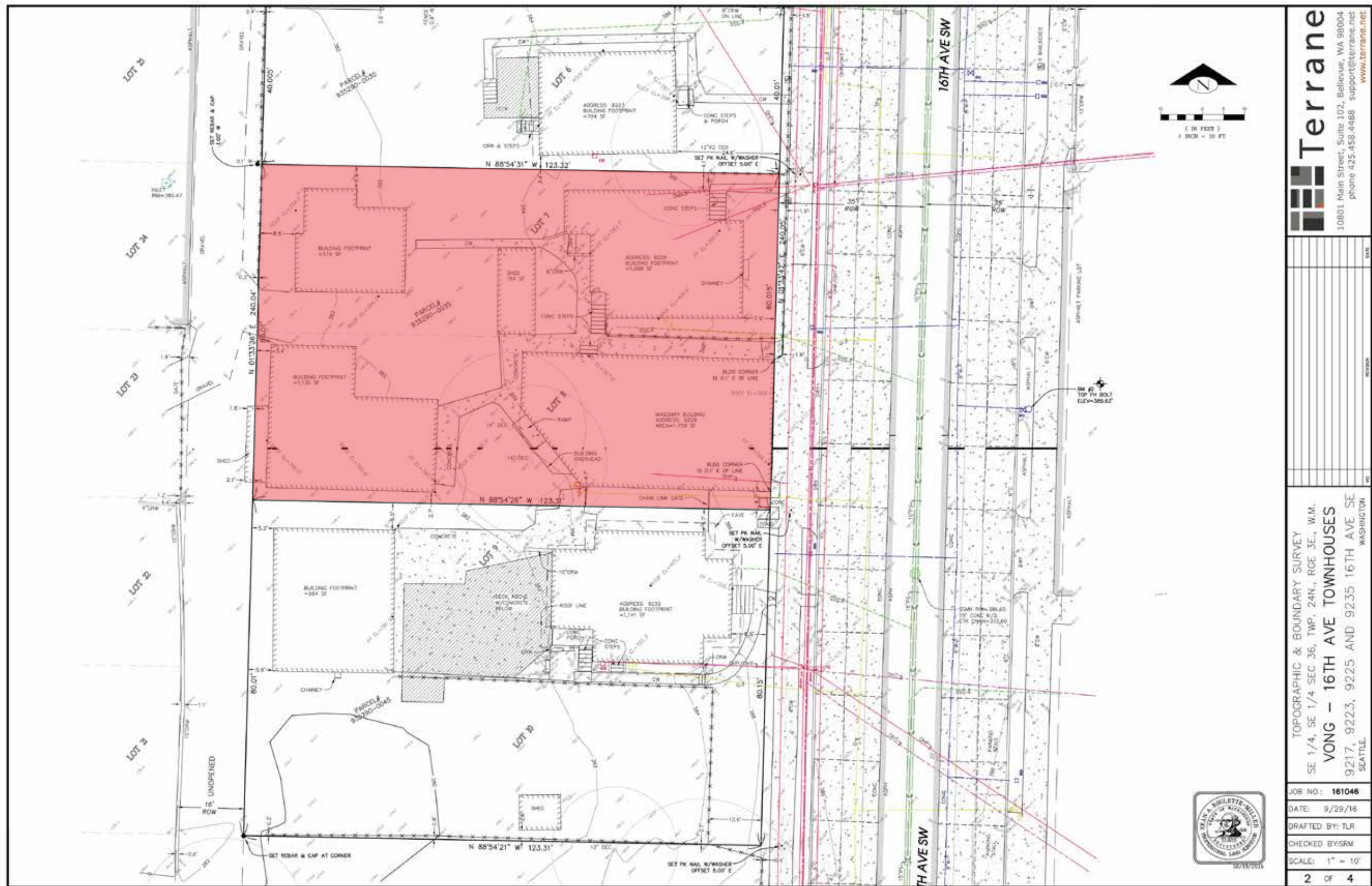
(NTS)



The photos on this page show the wide variety of building typologies, massing, use, height and scale.

Because of existing site surroundings, our proposed townhouse buildings will become a sort of precedent for the neighborhood's potential. By creating spaces for public interaction, utilizing entrances to the site from the alley and the street, and using high quality materials with pops of color, our townhome development will become a desirable and aesthetically pleasing micro-community within the neighborhood. Future developments will aim to achieve similar attributes of our proposed design, further bettering the area.





**Terrane**  
 10801 Main Street, Suite 102, Bellevue, WA 98004  
 phone 425.458.4488 support@terrane.net  
 www.terrane.net

NO.	REVISION	DATE

TOPOGRAPHIC & BOUNDARY SURVEY  
 SE 1/4, SE 1/4 SEC 36, TWP. 24N., RGE 3E., W.M.  
**VONG - 16TH AVE TOWNHOUSES**  
 9217, 9223, 9225 AND 9235 16TH AVE SE  
 SEATTLE, WASHINGTON

JOB NO:	161046
DATE:	5/29/16
DRAFTED BY:	TLR
CHECKED BY:	SRM
SCALE:	1" = 10'
	2 OF 4

TOPOGRAPHIC & BOUNDARY SURVEY

(NTS)

**8 SITE SURVEY**  
 existing site conditions



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- A** View of alley from SW Barton St.
- B** Gravel portion of alley. Existing garage to be demolished.
- C** Alley is dedicated to parking / rear entrance as shown at neighbor building to the right.
- D** Red fence along rear lot line of 9223 16th Ave SW. Existing SFR behind 9225 16th Ave SW.
- E** Existing masonry building, LR3 RC "God's Body Shop" @ 9229 16th Ave SW, (to be demolished).
- F** Existing SFR @ 9225 16th Ave SW from street, (to be demolished).

REFERENCE MAP:  
(NTS)





- A** Projecting covered balconies with warm cedar slats/railing.
- B** Mailbox and address number are clearly visible from street.
- C** Trash hidden from view of street (faces alley).
- D** Entry is clear and prominent from street.

- E** Colorful metal cladding, warm cedar slats, and an inviting trellis at entrance from street.
- F** Shared semi-private entrance from street.
- G** Architectural concrete at ground level.
- H** Warm slat fence, modern roof and choice of materials, large windows, and landscaping.

Photos were taken from recently developed townhome buildings on neighboring blocks from our project location. Our buildings will look similar to these in terms of modernity and style.



## CONTEXT AND SITE

- CS1: NATURAL SYSTEMS AND SITE FEATURES
  - B. SUNLIGHT AND NATURAL VENTILATION
- CS2: URBAN PATTERN AND FORM
  - B. ADJACENT SITES, STREETS, AND OPEN SPACES
  - C. RELATIONSHIP TO THE BLOCK
  - D. HEIGHT, BULK, AND SCALE

**DESIGN INITIATIVE:** Delridge is becoming a more desirable place for people to live. However, the neighborhood containing our site is in transition in terms of development. The structures surrounding the site consist of a mix of single-family and multi-family residences between 1 and 3 stories as well as a Community Center with two large parking lots to the north and south, and two fairly unattractive auto repair shops (one to the north and one to the south). The newest building on the street would appear to be the town homes across from our site which were built in 2010. We can draw inspiration from these in terms of matching their height and having similar landscaping, however our proposed townhouse development is of a different mass and typology, therefore, they will not look the same. Nevertheless, our intention is to design a town home community that will help to improve the surrounding area, aesthetically and functionally, and will act as an example for which future developers can follow.

We are proposing (4) three story buildings, each with usable roof deck areas. The fact that our site is located between an alley and a residential street makes for easy access to the front and rear buildings without disturbing much of the existing topography/site conditions. It also allows us to provide parking off the alley, away from 16th Ave SW, which puts automobiles to the rear of the lot and allows for a more pedestrian friendly and dynamic street frontage. Because we are proposing 4 buildings which will divide the site up into quadrants and the fact that there is access from the street and the alley, primary and secondary paths of social interaction are created for the residents, depending on how they choose to enter/exit/meander the site.

In terms of sunlight and natural ventilation, the aggregation of the proposed buildings is grid-like, along north-south and east-west axes, following the existing lot and street. We are proposing a spacious 15'-6" between buildings along the N-S axis, which is more than required. We are also proposing an abundance of landscape and greenery that will enrich the existing surroundings and improve air quality. As mentioned before, each unit has its own designated rooftop area, a bonus amenity feature, where there is ample sunlight and ventilation, further increasing one's desire to live here.

## PUBLIC LIFE

- PL3: STREET LEVEL INTERACTION
  - A. ENTRIES
- PL4: ACTIVE TRANSIT
  - B. PLANNING AHEAD FOR BICYCLISTS

**DESIGN INITIATIVE:** As mentioned earlier, our site is located between an alley and a residential street so access from both sides of the property will be provided. We are proposing parking for the residents to the rear of the lot, off the alley. This will be considered a more private entrance. Visitors and passersby may access the site at the front of the lot off 16th Ave SW. A directory and clearly visible address numbers on the buildings themselves will be provided to direct circulation through the site.

The double access common entry feature of our site, from both the alley and 16th Ave SW, and how we plan to orient the four buildings so that they divide the site into quadrants, will create an open interior courtyard area for residents to interact and use as amenity space. Trash and recycling receptacles will be located at the rear of the buildings located at the west portion of the lot within screened enclosures. The courtyard is fairly large and has a direct view to the street and to the alley. It's openness and visibility from all sides will enhance the resident's safety and security while providing a strong connection to the community.

Each unit includes optional space for bike storage on the ground level, making for an easy and secure place to store bikes, as well as allowing residents to safely move them from the inside to the outside. 16th Ave SW already has designated bike lanes as Seattle is steadily becoming a more bike-friendly city.

## DESIGN CONCEPT

- DC2: ARCHITECTURAL CONCEPT
  - B. ARCHITECTURAL AND FACADE COMPOSITION
  - C. SECONDARY ARCHITECTURAL FEATURES
  - D. SCALE AND TEXTURE
- DC4: EXTERIOR ELEMENTS AND MATERIALS
  - D. TREES, LANDSCAPE, AND HARDSCAPE MATERIALS

**DESIGN INITIATIVE:** We are proposing simple massing with subtle projections, modest fenestration, and natural colors and materials. Each of the buildings differ slightly in terms of window placement to promote privacy among residents. The two units' stairs are located adjacent to the building's party wall which, on the exterior, allows us to have a bold centerpiece of fenestration surrounded by warm cedar.

Aside from the lively 'architectural statement' along 16th Ave SW, the courtyard is also a big part of the residents' daily experiences. For this reason, we've focused on creating a highly textured, human-scale experience as one traverses the site through the use of secondary architectural elements such as warm wooden trellises and planter walls, visible address numerals, planted walkways, and unique paving patterns in the courtyard spaces.

In terms of our buildings' facade composition, cable railings at the roof level align with the fenestration facing the street to emphasize the building's "solid" and "void" spaces as a way of reducing the mass and scale. We are also proposing recessed entries at ground level to create depth, visual interest, and shelter for residents as they enter their units.

## SITE RECONNAISSANCE

1. ROW IMPROVEMENTS
  - CURB, GUTTER, SIDEWALK:
  - DESIGN RIGHT OF WAY BETWEEN PROPERTY LINE AND SIDEWALK TO ENHANCE PUBLIC RIGHT OF WAY AND TRANSITION.

*The guidelines shown on this page are from the Department of Construction and Inspection of the City of Seattle, dated December 7, 2016.*

**DESIGN INITIATIVE:** Street trees will be provided along 16th Ave SW as well as other landscaping to create layers of permeable thresholds, separating the street from the sidewalk and the sidewalk from the entry ways of the eastern most buildings on the lot. A landscaping plan can be found on page 23.

All new and proposed trees will be called out and identified as required. The existing curb cut serving the existing masonry building will be in-filled and paved to match the existing sidewalk.





16TH AVE SW STREET PERSPECTIVE LOOKING SOUTHWEST



PERSPECTIVE VIEW OF COURTYARD

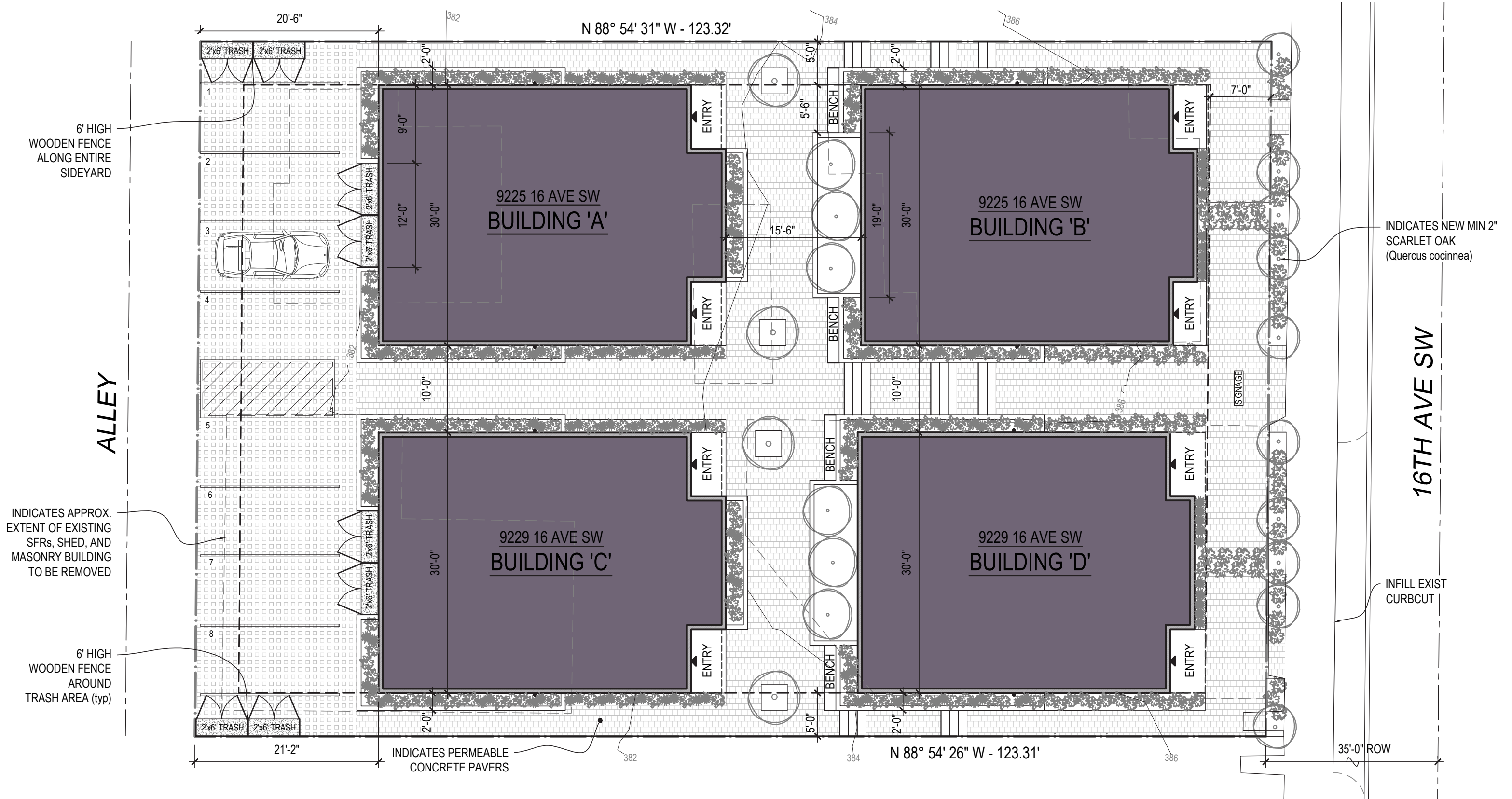


16TH AVE SW STREET PERSPECTIVE LOOKING WEST



16TH AVE SW ALLEY PERSPECTIVE LOOKING EAST





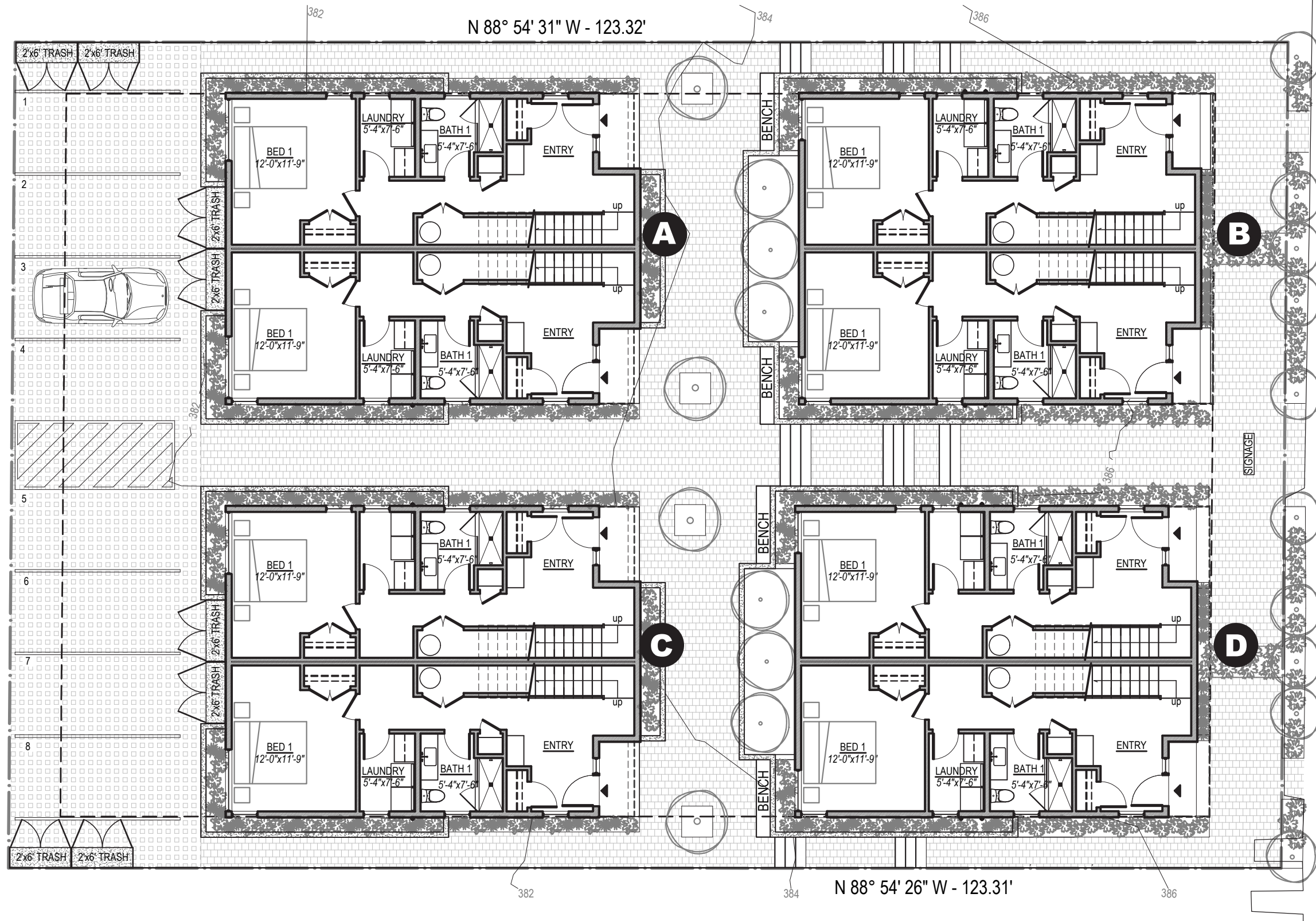
**SITE PLAN**

SCALE: 3/32" = 1'-0"



ALLEY

16TH AVE SW



### GROUND FLOOR PLAN

SCALE: 3/32" = 1'-0"



# 14 GROUND FLOOR PLAN

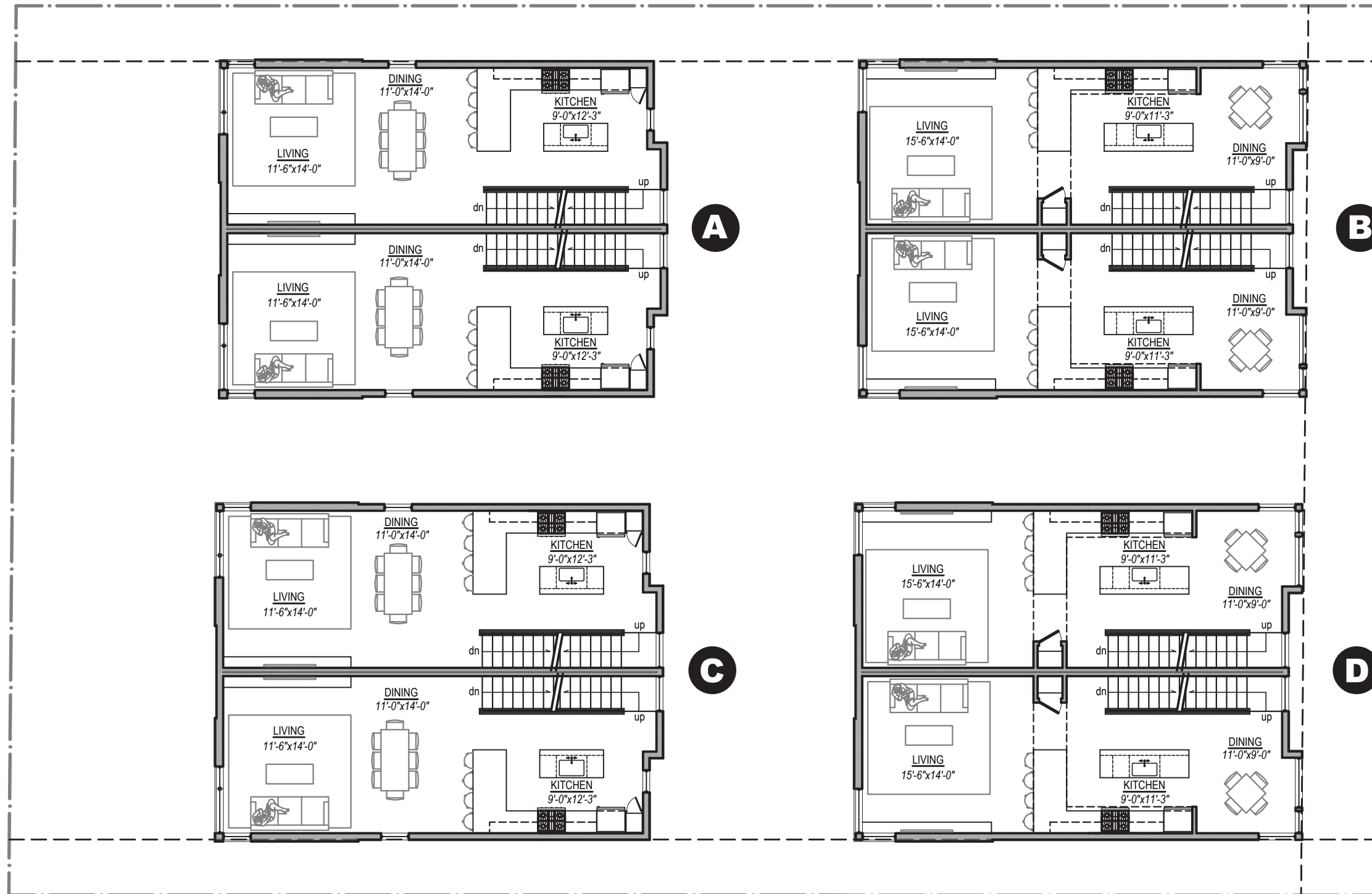


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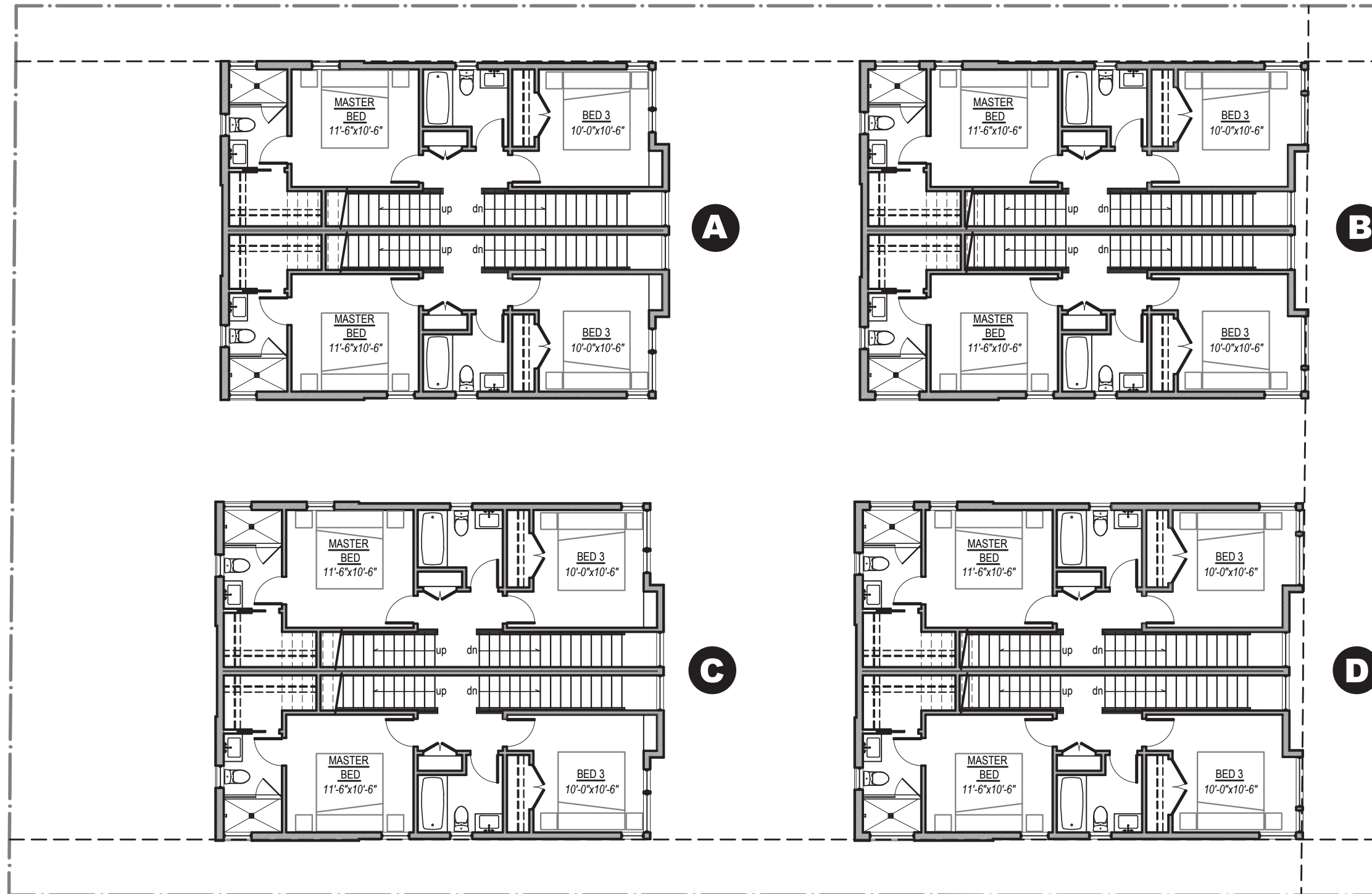




SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

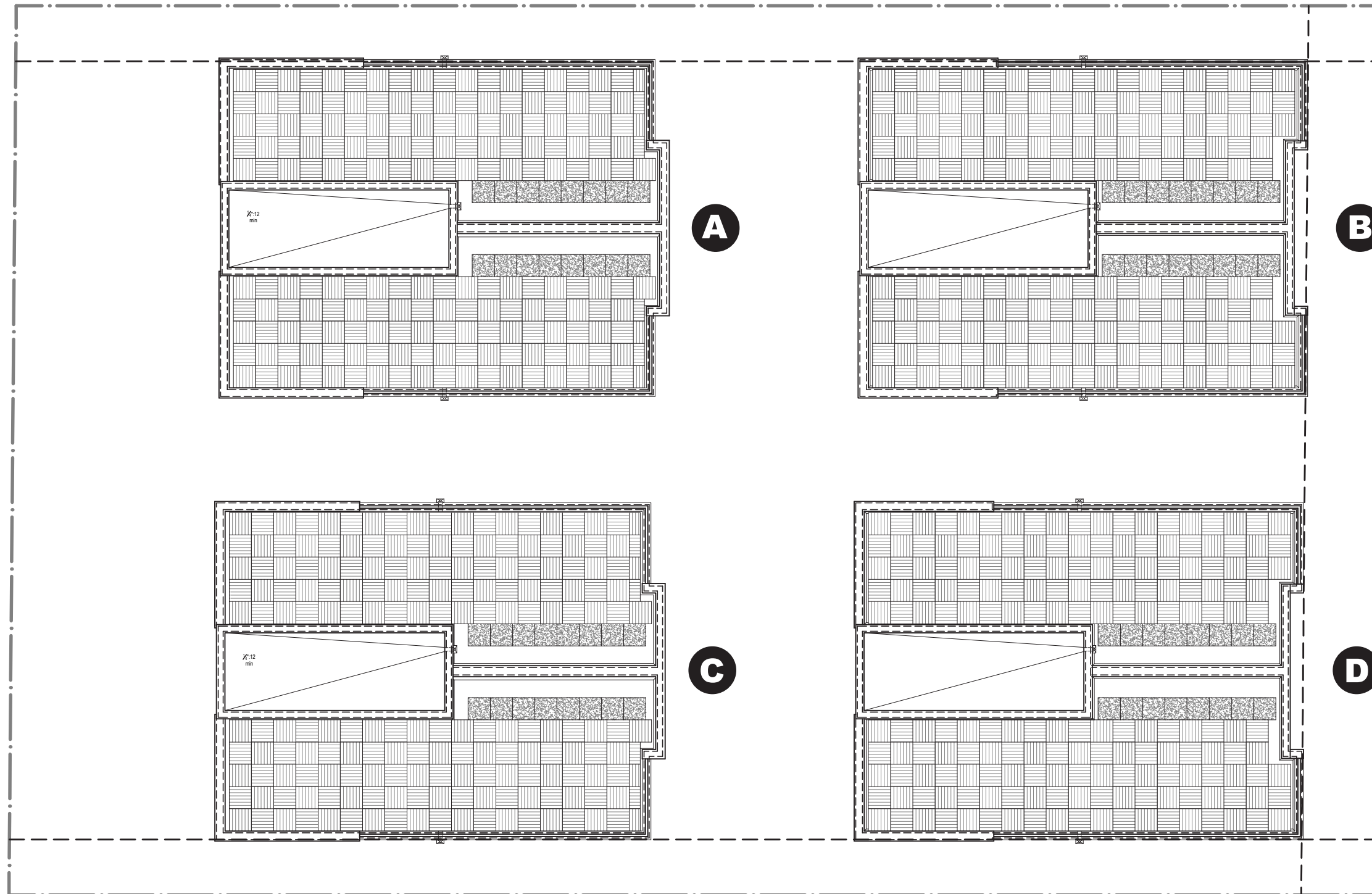




THIRD FLOOR PLAN

SCALE: 3/32" = 1'-0"

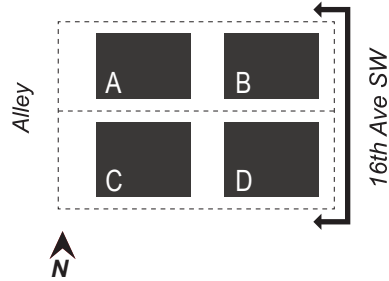




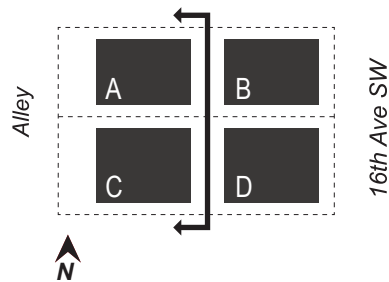
ROOF PLAN

SCALE: 3/32" = 1'-0"





A	CEMENTITIOUS PANELS (WHITE)
B	VERTICAL CEDAR T&G
C	SMOOTH PANEL (BLACK)
D	STEEL BOX RIB (BLACK)



# east elevations

SCALE: 3/32" = 1'-0"





n o r t h e l e v a t i o n s

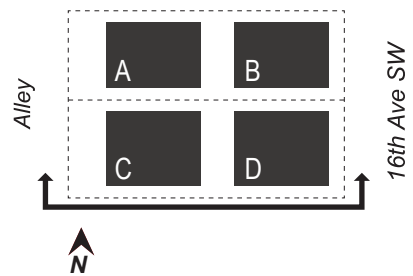
SCALE: 3/32" = 1'-0"

**19** ELEVATIONS  
north

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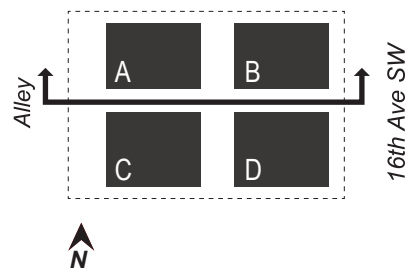
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BLDG C

BLDG D



BLDG A

BLDG B

south elevations

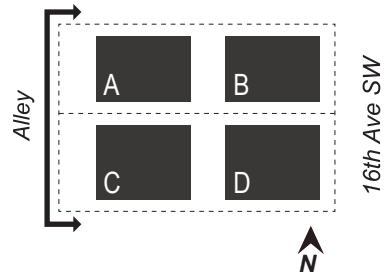
SCALE: 3/32" = 1'-0"

**20** ELEVATIONS  
south

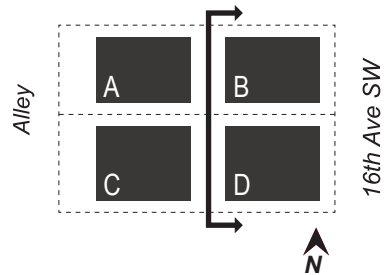
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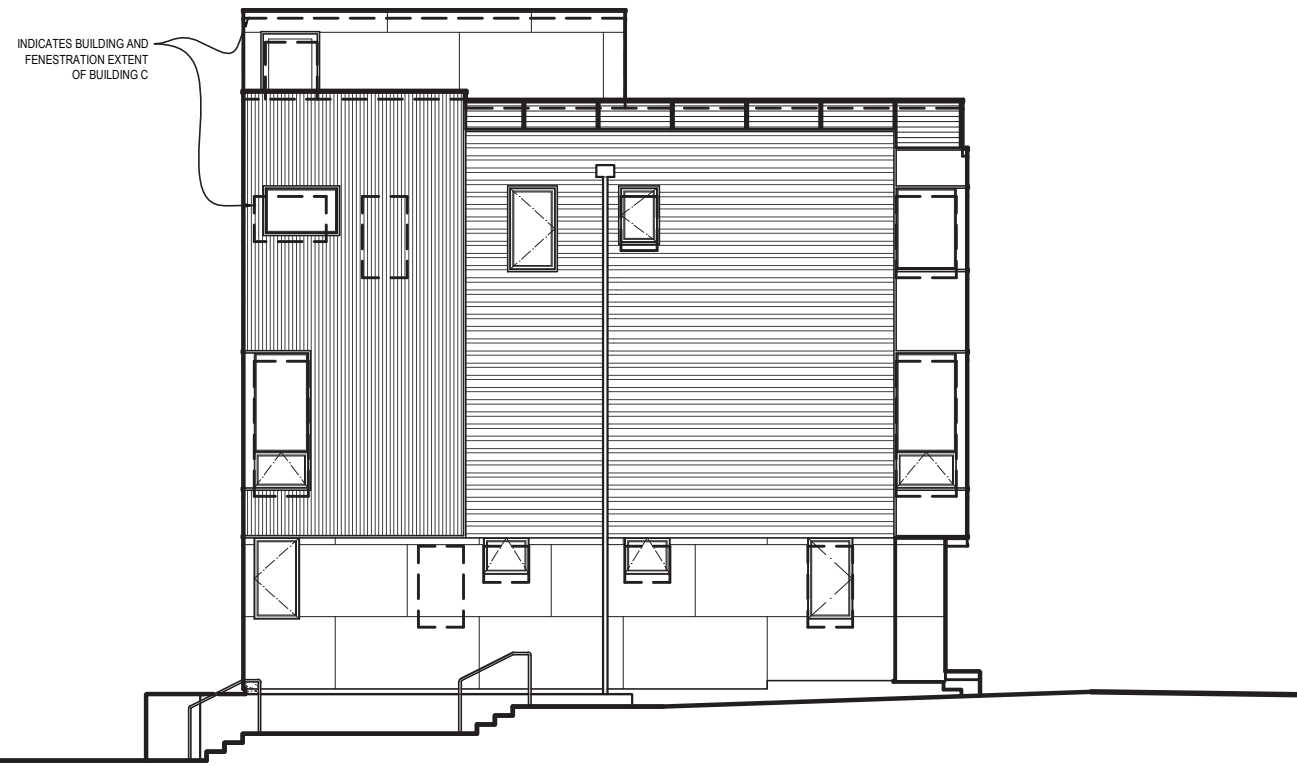
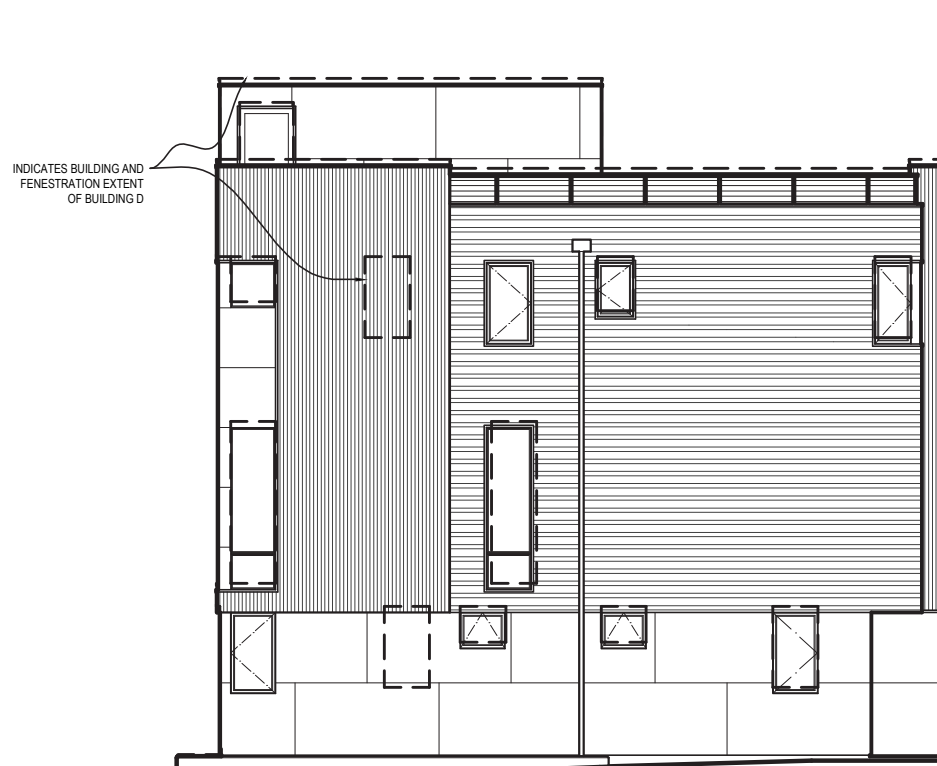
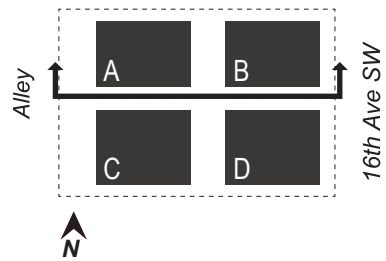
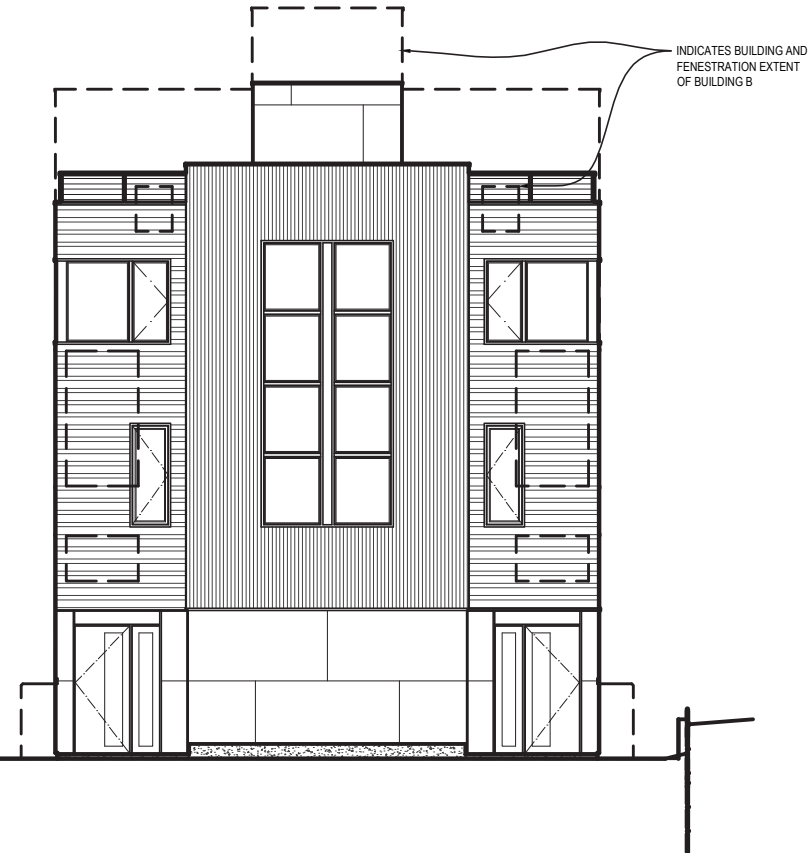
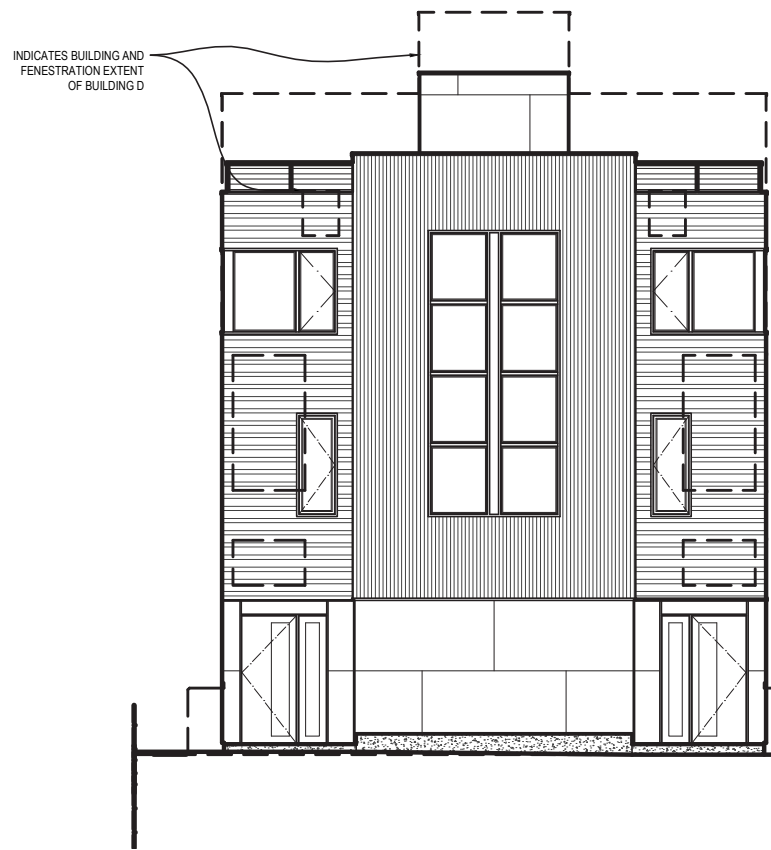
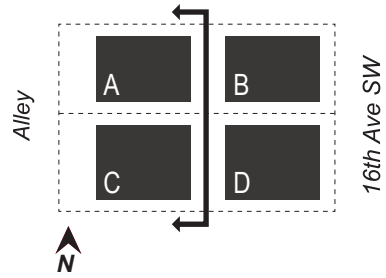
A	CEMENTITIOUS PANELS (WHITE)
B	VERTICAL CEDAR T&G
C	SMOOTH PANEL (BLACK)
D	STEEL BOX RIB (BLACK)



# west elevations

SCALE: 3/32" = 1'-0"









**LANDSCAPING PLAN LEGEND:**

-  **TREES:**  
PALISADE AMERICAN HORNBEAM /  
"CARPINUS CAROLINIANA 'CCSO'"
-  **SHRUBS:**  
DEER FERN /  
"BLECHNUM SPICANT"
-  FEATHER REED GRASS /  
"CALAMAGROSTIS X ACUTIFLORA"
-  VARIEGATED JAPANESE SEDGE /  
"CAREX OSHIMENSIS 'EVERGOLD'"
-  SKY PENCIL JAPANESE HOLLY /  
"ILEX CRENATA 'SKY PENCIL'"
-  HEAVENLY BAMBOO /  
"NANDINA DOMESTICA  
'GULF STREAM' TM"
-  MOUNT VERNON LAUREL /  
"PRUNUS LAUROCERASUS  
'MOUNT VERNON'"
-  SWEETBOX /  
"SARCOCOCCA HUMILIS"
-  **VEGETATIVE WALL:**  
VARIEGATED CLIMBING HYDRANGEA /  
"HYDRANGEA ANOMALA  
PETIOLARIS 'MIRANDA'"
-  **SEDUM MIX**  
ETERA SEDUM TILES  
1-800-459-3142

**LANDSCAPE PLAN**

SCALE: 3/32" = 1'-0"





LIGHTING PLAN LEGEND:

- 


UP DOWN LIGHT
- 


RECESSED CAN LIGHT
- 


DIRECTIONAL WELL LIGHT
- 


EXTERIOR WALL MOUNTED LIGHT
- 


HALF-MOON PARAPET LED LIGHT

NOTE:  
RECESSED CAN LIGHTS ARE TO BE LOCATED  
WITHIN EACH UNIT'S RECESSED ENTRY (typ.)

LIGHTING PLAN

SCALE: 3/32" = 1'-0"

