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**LANDSCAPE** 

### CIVIL

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Storm Water Management Plan

## 2612 LONSDALE AVE. RENTAL APARTMENT

LEGAL ADDRESS: LOT A OF LOT 2 BLOCK 229 DL 545 PLAN 2969

RE-ISSUED FOR DP APPLICATION JULY 27, 2020

### **DEVELOPMENT TEAM**

**DEVELOPER/OWNER:** 

TAVAN DEVELOPMENTS LTD. 150-628 EAST KENT AVE VANCOUVER, BC, V5X 0B2 T. 604.263.3026 F. 604.321.3627 **CONTACT**: SILVERIA ROSELLI

**CIVIL ENGINEER:** 

CORE GROUP CONSULTANTS 320-8988 FRASERTON COURT BURNABY, BC, V5J 5H8 T. 604.299.0605 F. 604.299.0629 **CONTACT**: CORMAC NOLAN

### **MECHANICAL ENGINEER:**

NORMAN DISNEY YOUNG 608-1166 ALBERNI STREET VANCOUVER, BC, V6E 3Z3 T. 604.734.9338

**CONTACT**: WAYNE HUA

#### TRANSPORTATION ENGINEER:

**BUNT & ASSOCIATES** ENGINEERING LTD. SUITE 1550 - 1050 WEST PENDER STREET VANCOUVER, BC, V6E 3S7

**CONTACT**: BRIAN PHILIPS

#### ARCHITECT:

EKISTICS ARCHITECTURE INC. 1925 MAIN STREET VANCOUVER, BC, V5T 3C1 T. 604.876.5050 F. 604.876.5060 CONTACT: MARK BLACKWOOD / JULIO YANES

#### STRUCTURAL ENGINEER:

WICKE HERFST MAVER CONSULTING INC. 2227 DOUGLAS ROAD BURNABY, BC, V5C 5A9 T. 604.484.2859 F. 604.484.2861 **CONTACT**: DAN WICKE

### **ELECTRICAL ENGINEER:**

NORMAN DISNEY YOUNG 608-1166 ALBERNI STREET VANCOUVER, BC, V6E 3Z3 T. 604.734.9338

**CONTACT**: BEN CHAN

## Architecture

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### LANDSCAPE ARCHITECT:

DURANTE KRUEK LTD 102-1637 WEST 5TH AVENUE VANCOUVER, BC, V6J 1N5 T. 604.684.4611 F. 604.684.0577 **CONTACT**: PETER KREUK

### **GEOTECHNICAL ENGINEER:**

HORIZON ENGINEERING INC. 220-18 GOSTICK PLACE NORTH VANCOUVER, BC V7M 3G3 T. 604.990.0546 EXT 105 F. 604.990.0583 **CONTACT**: NIMA TAFAZZOLI

#### **CODE CONSULTANT:**

CFT ENGINEERING INC. 800-1901 ROSSER AVENUE BURNABY, BC V5C 6R6 T. 604.684.2384

**CONTACT**: SAM EIDNANI

4 ISSUED FOR DP RESUBMISSION 2 ISSUED FOR DP SUBMISSION 1 ISSUED FOR PRELIMINARY DPA

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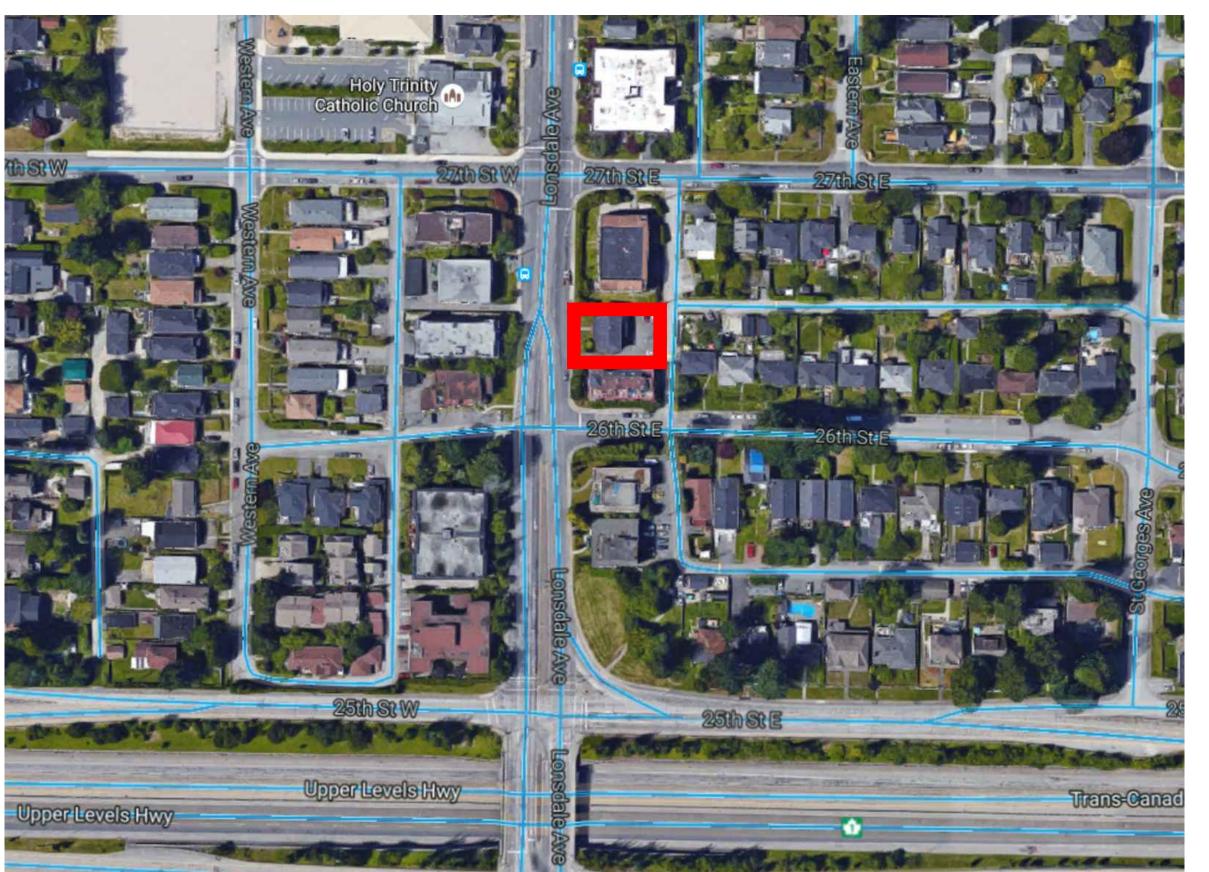
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### **2612 LONSDALE AVE. APARTMENTS**

CITY OF NORTH VANCOUVER, BC

**COVER SHEET** 

A0.00



## Development Data - 2612 Lonsdale Ave. City of North Vancouver, B.C.

Zoning:

General Plan Land Use:

Medium Density Residential Front (Lonsdale Ave.): 12'; Rear: 10'; Side: 8' Setback:

Site:					
	Site Area	Permitted FSR	Permitted Floor Area	Proposed FSR	Proposed Floor Area
Proposed Gross Site Area	8,245 sq.ft.	2.60	21,436 sq.ft.	2.57	21,172.36
Dedications	770 sq.ft.				
Net Site Area	7,475 sq.ft.				

#### Notes

FSR 2.60 based on gross site area

Multi	-Family Building												Zoning Code Floor Area
	Level	Number of Floors	Residential Units Per Floor	Total Res. Units	Unit Area	Common Area (Corridors, Stairs & Elevator, etc)	Residential Area	Open Appendages (Balconies, Porch, etc)	Lobby/Amenity Area	Bicycle Storage Area	Level 2 Adaptable Unit Area Reduction	Buildable Area	Total Floor Area FSR
	P1 - Parking	1			5,455 sq.ft.	628 sq.ft.				800 sq.ft.		6,882 sq.ft.	
	L1 - Residential/Lobby/Amenity	1	2	2	1,975 sq.ft.	660 sq.ft.	2,635 sq.ft.		776 sq.ft.	256 sq.ft.	40 sq.ft.	3,666 sq.ft.	2,595 sq.ft.
	L2 to L3- Residential	2	4	8	6,676 sq.ft.	1,063 sq.ft.	7,740 sq.ft.	849 sq.ft.			40 sq.ft.	7,740 sq.ft.	7,700 sq.ft.
	L4 to L5- Residential	2	5	10	6,676 sq.ft.	1,063 sq.ft.	7,740 sq.ft.	849 sq.ft.			40 sq.ft.	7,740 sq.ft.	7,700 sq.ft.
	L6 - Penthouse	1	4	4	2,556 sq.ft.	544 sq.ft.	3,100 sq.ft.	544 sq.ft.			20 sq.ft.	3,100 sq.ft.	3,080 sq.ft.
	Sub Total	6		24	17,883 sq.ft.	3,958 sq.ft.	21,214 sq.ft.	2,242 sq.ft.	776 sq.ft.	1,056 sq.ft.	140 sq.ft.	29,128 sq.ft.	21,172 sq.ft.

Note: FSR Floor area: Floor area measured to the extreme outer limits of the building, including all suites and all areas giving access thereto, such as corridors, lobby, stairwells), elevator shafts, but excluding: basement space containing common electrical, mechanical, elevator machine room, recycling and garbage rooms; amenity area provided for the common use; 20 sq.ft. for each Level 2 Adaptable Design Dwelling Unit and balconies up to 10% gross floor area.

esidential Units						
Level	Number of Floors	Total Units	1 Bedroom	1 Bedroom + Den	2 Bedroom	3 Bedroom
L1	1	2			1	1
L2 to L3	2	8	1		2	1
L4 to L5	2	10	3		2	
L6	1	4	3	1		
Total		24	11	1	9	3
%		100.00%	45.83%	4.17%	37.50%	12.50%

arking Requirements	Parking / Unit	# of Residential Units	Parking Required	Parking Provided
Rental Apartment Residental Use	0.40	24	10	9
Visitor	0.20	24	5	3
Parking Reduction (Car Share, 1 = 4 stalls)				4
Total Residential Parking			15	16

Bicycle Parking Requirements	Parking / Unit	# of Residential Units	Parking Required	Parking Provided
Medium Density Secure Spaces	1.50	24	36	39
Short-Term Spaces			6	6
Total Residential Parking Required			42	45

### ADAPTABLE DESIGN STATISTICS

Unit Address	Unit Label	Unit Type	Level	of Adaptalbe Design	Floor/Level	Unit Size (Sq.Ft.)	Excl. Floor Area
101	Unit C1	2 BR		2	Ground Floor	834 sq.ft.	20.0 sq.ft.
102	Unit D	3 BR		2	Ground Floor	1,141 sq.ft.	20.0 sq.ft.
201	Unit C	2 BR	1		Level 2	807 sq.ft.	
202	Unit C	2 BR	1		Level 2	807 sq.ft.	
203	Unit D1	3 BR		2	Level 2	1,142 sq.ft.	20.0 sq.ft.
204	Unit A1	1 BR	1		Level 2	582 sq.ft.	
301	Unit C	2 BR	1		Level 3	807 sq.ft.	
302	Unit C	2 BR	1		Level 3	807 sq.ft.	
203	Unit D1	3 BR		2	Level 3	1,142 sq.ft.	20.0 sq.ft.
304	Unit A1	1 BR	1		Level 3	582 sq.ft.	,
401	Unit C	2 BR	1		Level 4	807 sq.ft.	
402	Unit C	2 BR	1		Level 4	807 sq.ft.	
403	Unit A1	1 BR	1		Level 4	582 sq.ft.	
404	Unit A	1 BR		2	Level 4	560 sq.ft.	20.0 sq.ft.
405	Unit A1	1 BR	1		Level 4	582 sq.ft.	
501	Unit C	2 BR	1		Level 5	807 sq.ft.	
502	Unit C	2 BR	1		Level 5	807 sq.ft.	
503	Unit A1	1 BR	1		Level 5	582 sq.ft.	
504	Unit A	1 BR		2	Level 5	560 sq.ft.	20.0 sq.ft.
505	Unit A1	1 BR	1		Level 5	582 sq.ft.	·
601	Unit A2	1 BR	1		Level 6	619 sq.ft.	
602	Unit A2	1 BR	1		Level 6	619 sq.ft.	
603	Unit B	1 BR+DEN		2	Level 6	693 sq.ft.	20.0 sq.ft.
604	Unit A3	1 BR	1		Level 6	626 sq.ft.	
al			17	7		17,883.3 sq.ft.	140.0 sq.ft.

ADAPTABLE DESIGN UNIT CALCULATION									
Level	Floors	Unit/Floor	Total Units	AD Level1	AD Level2	AD Level3			
Lobby/Entry	1	2	2		2				
2-3	2	4	8	6	2				
4-5	2	5	10	8	2				
6	1	4	4	3	1				
Total Provided			24	17	7				
		%	100.00%	70.83%	29.17%				
		Total Required			25%				

	PAR	KING CALCULATION	ON		
Residential: 0.6 Per Dv	velling Unit = 24 (Total Est'	d. #16)			
Level	Full Size	Small Car	Accessible		
P1	5	5	2		
Surface Parking	1 Car Share=4 stalls				
Total				16	
Project Total	Total #	's	Percentage		
Full Size	7		43.75%	0	
Small Car	5		31.25%		
Accessible Parking Spaces	2		12.50%		
Visitors	3		18.75%	0	
Bicycle	39				
Storage Lockers	26				
Loading	N/A				



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	ISSUES		DATE
	8		
	7		
	6		
	5	ISSUED FOR DP RESUBMISSION	2020-07-27
	4	ISSUED FOR DP RESUBMISSION	2018-06-08
	3	ISSUED FOR DP RESUBMISSION	2017-11-15
	2	ISSUED FOR DP SUBMISSION	2017-06-26
	1	ISSUED FOR PRELIMINARY DPA	2016-09-26

DC-47 PROJECT NUMBER JL/RA/RW CHECKED BY DATE CHECKED CONSULTANT

**2612 LONSDALE AVE. APARTMENTS** 

> CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

PROJECT DATA

A0.01

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## 2612 LONSDALE AVE. **APARTMENTS**

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

**CONTEXT PLAN** 

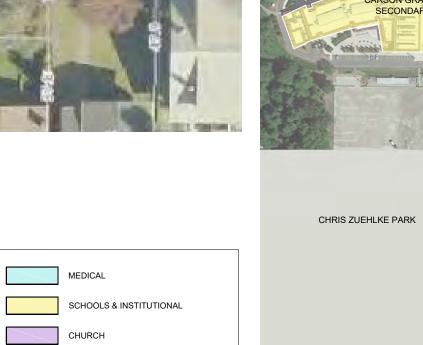
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LEGEND

BICYCLE ROUTES

TRANSLINK BUS ROUTES















MUNICIPAL & RECREATIONAL

COMMERCIAL & AMENITIES





DISTRICT OF NORTH VANCOUVER





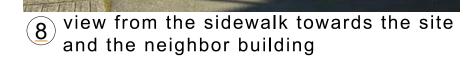
3 view from the sidewalk towards the site 4 view from the back alley street

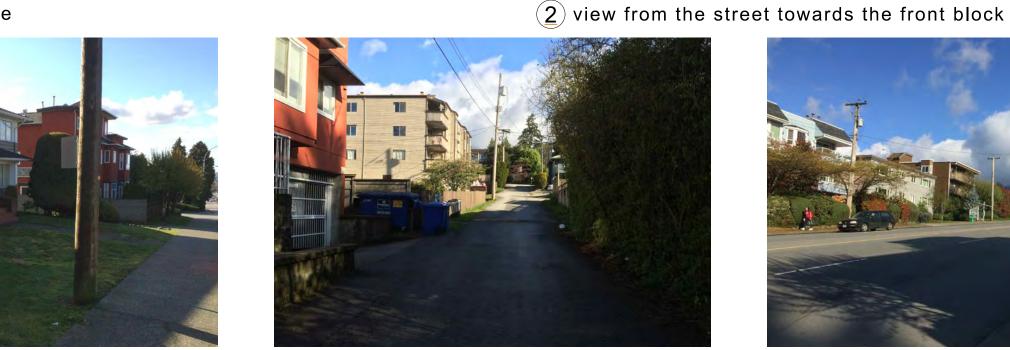


5 view from the sidewalk towards the front block

yiew from the sidewalk towards Lonsdale AVE.

## 6 view from the back alley





## DESIGN RATIONALE

#### THE SITE

This 8,245 sq. ft. (107' x 77') site is located on the East side of Lonsdale Avenue, between East 26th and 27th Street and currently occupied by a three storey rental apartment building. The existing neighbour to the North is a four storey residential building and the neighbour to the South is a three storey residential building. Across Lonsdale Avenue are multi-family buildings ranging from 3 to 4 storeys in height; to the east across the lane are single family dwellings ranging from 1-2 storeys. The site is within an exciting growth area of renewed urban density within North Vancouver's Lonsdale District with access to an extensive commercial area, amenities, convenient links to public transportation, and the Trans Canada Hwy. A ten foot wide special ROW is located along the West property line and dedicated to the city for future offsite improvements. This strip will be landscaped and will provide continued pedestrian access along Lonsdale Avenue, complimenting the street edge and the outlook from residential units.

#### THE DEVELOPMENT

The proposed development is replacing a three storey structure. The proposed form of the development is consistent with new development in the neighborhood and overall vision for the area. The proposed structure will be concrete construction up to the second floor slab, including a single level of underground parking. Five storeys of wood frame construction will finish off the structure above. There will be 24 residential rental units ranging from one bedrooms to spacious three bedroom homes (29% of total units are ADA compliant). Each of the residential units have outdoor views and generous patios, balconies or roof decks.

#### THE ARCHITECTURAL PLANNING

Residential parking is located within a single level parkade with ramp access off the lane. 40 bicycle parking stalls are provided within the main floor bike room and the parkade bike room satisfies the remaining requirements. The ground floor also comprises of two ADA units, and a generous main entrance fronting Lonsdale Avenue. Directly adjacent to the entry is the amenity lounge which serves as an extension of the entry lobby promoting informal resident interaction and social gatherings. When needed, the amenity area can be enclosed to function as a party room or meeting space. The room features a BBQ deck on the south-west facing patio, kitchenette and harvest table. The building's entry area is generous with a mailbox center that leads to the elevator and stairs accessing the five storeys of residential units above.

The main entry to the building is locked to the public and has a paved path to the public sidewalk. Lobby is visible from the outside through a glazed entry door and sidelites. Ground floor residential units on West and East street sides are raised from the street level, providing spatial separation between the public realm and private yards.

The top floor is partially set back on the east and west sides to provide relief in the massing and also offer additional private roof deck space for residents.

#### THE MASSING

The massing strategy is to have an articulated but continuous street facade on Lonsdale Avenue. The top floor is set back with large roof overhangs creating a visual termination for the building. The use of brick along Lonsdale grounds the building and is used to articulate the facade and highlight the entry. Colour and material change add interest and articulation to all building elevations. Large windows take advantage of the surrounding views and introduce transparency to the facades. Private decks articulate the corners and soften the edges of the structure giving the building a lighter appearance.

#### THE MATERIALS

High quality materials have been selected for the building finishes, adhering to the non-combustible requirements of a six storey building. Brick cladding, fibre cement cladding and stucco will be used on the front facade. Fibre cement cladding and stucco will continue around the remaining sides of the building in contrasting colours to create both interest and articulation. A combination of white and black vinyl windows also add interest to the elevations and highlight punch openings in the facade. Wood-like fibre cement soffits at balconies and roof overhangs bring warmth to the building and emphasize these horizontal lines. Balcony guards will be a combination of aluminum and glass to feature the surrounding views and maintain the buildings lightness.

#### **MATERIAL LEGEND**

- BRICK MISSION FINISH, COLOR: HARBOR MIST
- 02 FIBRE CEMENT PANEL SMOOTH, PAINTED, COLOR: BM-BLACK PANTHER 2125-10
- 03 ACRYLIC STUCCO, COLOR: BM-CHANTILLY LACE 2121-70
- 04 ARCHITECTURAL FINISH CONCRETE
- WESTERN RED CEDAR SOFFIT
- WOOD FASCIA/TRIM BOARD, PAINTED COLOR: BM-CHANTILLY LACE 2121-70
- 07 CLEAR INSULATING GLASS

- PRECAST CONCRETE WALL CAP AND SILL
- 09 VINYL FRAME WINDOW, COLOR: BLACK
- ALUMINUM GUARDRAIL,
- COLOR: BLACK WITH CLEAR GLASS
- 11 FIBER CEMENT CEDARMILL PANEL
- 12 WOOD FENCE BOARD
- 13 ALUMINUM GUARDRAIL COLOR: BLACK

02 06 03 10





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### **2612 LONSDALE AVE. APARTMENTS**

CITY OF NORTH VANCOUVER, BC

**DESIGN RATIONALE MATERIAL LEGEND** 

A 0.03



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VIEW FROM LONSDALE

VIEW FROM LONSDALE

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## 2612 LONSDALE AVE. **APARTMENTS**

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

**PERSPECTIVES** 

VIEW FROM SIDEWALK (LONSDALE)

A0.04





21 MARCH 10:00AM



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DATE CHECKED

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PROJECT

## 2612 LONSDALE AVE. APARTMENTS

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

**SHADOW STUDY** 

DRAWING No.

A0.05a





21 SEPTEMBER 10:00AM



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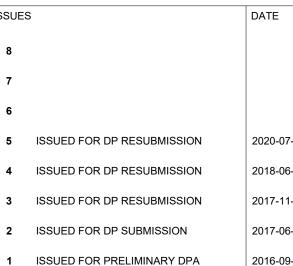
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ā	CONSULTANT		

PROJECT

## 2612 LONSDALE AVE. APARTMENTS

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

**SHADOW STUDY** 

DRAWING No.

A0.05b



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DC-47 JL/RA/RW MB

**2612 LONSDALE AVE.** 

CITY OF NORTH VANCOUVER, BC

REFLECTED WIND. ELEV. LIMITING DISTANCE

DRAWING No.

OPENINGS -PROPOSED (%)

17.0%

34.5%

14.6%

35.5%

OPENINGS -PERMITTED (%)

289.8 m² (3119.9ft²) 49.4 m² (531.5 ft²)

320.2 m² (3446.8 ft²) | 110.56 m² (1190.1 ft²) | 39.4%

289.8 m² (3119.9 ft²) | 42.5 m² (458.4 ft²) | 19.5%

336.4 m² (3621.9 ft²) | 102.72 m² (1105.7 ft²) | 100%

NORTH

EAST

SOUTH

WEST

2.43 m (8'0")

2.43 m (8'0")

4.32 m (14'2 1/4") TO C/L OF LANE

>9.0 m TO C/L OF ROAD

A0.06

## SUSTAINABILITY STATEMENT

The project will employ green building strategies, and meet Step 3 of BCBC 2018. The applicant and design team are committed to embracing environmental design principles into the project's design and long term operations. To specifically address the environmental considerations outlined in the City of North Vancouver Sustainable Development Guidelines:

#### 1. NATURAL SYSTEMS

The project location has been designed to support a reduced ecological footprint. Landscape will be selected to be native and adaptive to mimic natural or existing ecology. Hardscape will be sloped towards landscaping to allow for natural stormwater infiltration.

	Υ	N	N/A Please Provide Details / Rationale:
LANDSCAPE			
Private Trees Retained or Added (indicate number)	x		No on-site trees to be retained.  11 New trees to be added
Green Roof / Wall			X No Green Roof/ Wall
Majority Native Species Landscaping	X		Native species are being used throughout planting.  Species not considered native are drought tolerant and adams.
Habitat Restoration (butterfly, bird- friendly, naturalized areas)	X		Flowering and fruiting plants as well as pollinators are being used throughout planting to support habitat restoration
Garden Plots for 30% of Units (consider stewardship / programming)		x	Garden Plots are not being provided
Support Facilities for Garden Plots (water, lighting, storage, composting)			X Not applicable. See above.
50% or More Edible Landscaping for Common Space		x	Drought tolerant and evergreen planting material was selected in the limited common outdoor common space
Water Efficient Irrigation System (drip hose, low-flow nozzles)	x		A water efficient irrigation system has be specified in in the landscape notes
Rainwater Collection (rain barrel)		x	Rainwater collection will not be incorporated in the landscape
Reuse of Wastewater		x	Reuse of Wastewater has not been specified in the landscape
HARDSCAPE			
Permeable Paving for Hardscape		x	Due to the extent of parkade, there are limited opportunities to use permeable paving with effect.
40%+ Open Site Space (see Zoning Bylaw definition)		x	This is not achievable due to lot size and the building footprin
Other Sustainability Achievements:			

### 2. PHYSICAL STRUCTURES/INFRASTRUCTURE

### High Performance Construction

- a. Durable Building: Building and equipment lifecycles will be identified by the design team to produce an ongoing dialog about the buildings ongoing maintainability and durability.
- b. Building Reuse/Recycled Content: Project will use a construction waste hauler capable of sorting construction waste materials and recycling those materials accordingly. Construction will be managed to maximize the recycling of demolished materials and construction waste. During the demolition of the existing building, local re-use centers will be contacted to review and identify opportunities for materials reuse. Prior to demolition, contractor will remove those items to preserve their quality and maximize their reusability.
- c. Environmentally Friendly Materials: Interior finishes will be selected to be low VOC as defined under SCAQMD VOC limit criteria. Flooring elements, carpets, and resilient flooring will either be green label or floorscore certified as available. Selected composite wood products will be free from urea formaldehyde content.

### Energy Efficiency and Healthy Buildings

a. Energy: This application has committed to providing a development that will achieve Step 3 of the BC Step Code. The building will have efficient HVAC and lighting systems. The project intends to maximize access to daylight by managing building design. Advanced lighting controls including occupancy sensors will be used. Energy star appliances will be used. A priority will be put on building envelope efficiency.

- b. Water: The project intends to manage water through a detailed selection of water efficient equipment. Irrigation will be controlled using a weather based controller to avoid irrigating with potable water when natural rainfall is sufficient. Potable water will be further conserved through the selection of water efficient plumbing fixtures.
- c. Indoor Environment: The indoor environment of the building will be optimized through a combined effort to limit particulates within the air and maximizing day lighting and view accessibility. Building entrances will have entryway mats to limit the tracking of dust into the building. Outdoor air in corridors and amenity spaces will be filtered using the best available filtration. Interior finishes will be selected to be low VOC materials. Suites will have windows located to support visual access to the outdoors as well as support the penetration of natural daylight into the suite.

### • Transportation

- a. The project redevelops an underutilized urban site in an area that is well served by transit and highly accessible by pedestrians and cyclists. Location within the Central Lonsdale core decreases the reliance on private automobiles and encourages more trips by foot, bicycle and transit.
- b. 3 stalls (20% of all residential stalls) are equipped with a Level 2 Electric Vehicle Charging Station to encourage Electrical Vehicle use. Car-Share program to be provided, increasing public transportation use and individual / household's ability to access an automobile.
- c. Provides secure bicycle storage for occupants to support not using single occupancy vehicles. Providing one electric outlet in the secured bicycle area for every four bicycle stalls to specifically address that the project is located on a hill.

#### 3. LOCAL ECONOMY

This 100% purpose-built rental project encourages long term secured market rental housing, to allow residents to have the choice and means to live centrally, while contributing and benefiting the local economy community as a whole. The project intends to maximize land use by densifying of existing site. In the current situation, nearly five times as many homes for renters will replace the older building on site. This building will be extremely well located to the jobs that the Lonsdale corridor provides. In addition, Lonsdale is one of the most walkable streets on the North Shore and it provides excellent transit and bicycle access for workers with jobs farther afield. This is a great place for a rental housing development with easy access to a number of community amenities with employment opportunities such as nearby grocery stores and the shops at the Lonsdale Avenue. In addition to the distinct economic benefits for the city with new rental development, there are a number of typical economic sustainability benefits with this project including creating construction jobs while being built, rent management, and property maintenance jobs upon completion.

### 4. HUMAN POTENTIAL

- a. Market Rental Housing/Low-End of Market Rental Housing: This 100% purpose-built rental project will create 19 more rental units to develop more rental options for families, including 10% secured as low-end market rental for low-income families applying rent supplements to available and suitable units.
- b. Diversity of Unit Types: The development provides a complete range of units from one bedroom, two bedroom and three bedroom units. By providing a range of housing types, this development ensures catering to a wide demographic range from young families, empty nesters and single occupant households.

- c. Interior Connections: A residential amenity room including communal kitchen and seating area located on the ground floor near lobby, opening up onto a shared patio, is important for social cohesion of the residents. Safe bike storage is a fundamental strategy that makes it convenient for not only residents, but visitors, to
- L. Exterior Connections: This urban development is located in a neighborhood with a high level of walkability, proximity to frequent transit, and easy access to a number of community amenities.

#### 5. SOCIAL CONNECTIONS:

a. Design Features for People with Disabilities: From a social perspective, the provision of 29% of the total unit count as Adaptable Level 2 suites in accordance with existing CNV policies will assist those who may wish to continue to live in their homes at this site as they age or encounter mobility issues in the future.

### b. Crime Prevention Through Environmental Design:

- Planning: Secure and fully accessible underground parking for residents has been provided. The indoor amenity area is open to lobby creating visibility from the entryway. The amenity indoor/outdoor areas have been designed to open onto the ROW to provide supervision. Additionally, the windows in the units above do the same. Private patio decks will have soft landscaping per landscape design. Patio decks will be fully surrounded by railing or screen fence, to delineate private space from communal. Garbage and recycling area is located inside the parkade, adjacent to the traffic aisle.
- Lighting: The main entry will be illuminated at covered area near building lobby access. Emergency exits at parkade and exit stairs from residential floors will have lighting and exterior paths leading from building to public streets, and lanes will have sufficient lighting to illuminate the exiting travel paths and provide safety to pedestrians. The parkade entry will have lights in the overhead gate bulkhead.
- Lighting wall also be provided around the car share stall off the lane to promote safe use of the amenity.



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## 2612 LONSDALE AVE. APARTMENTS

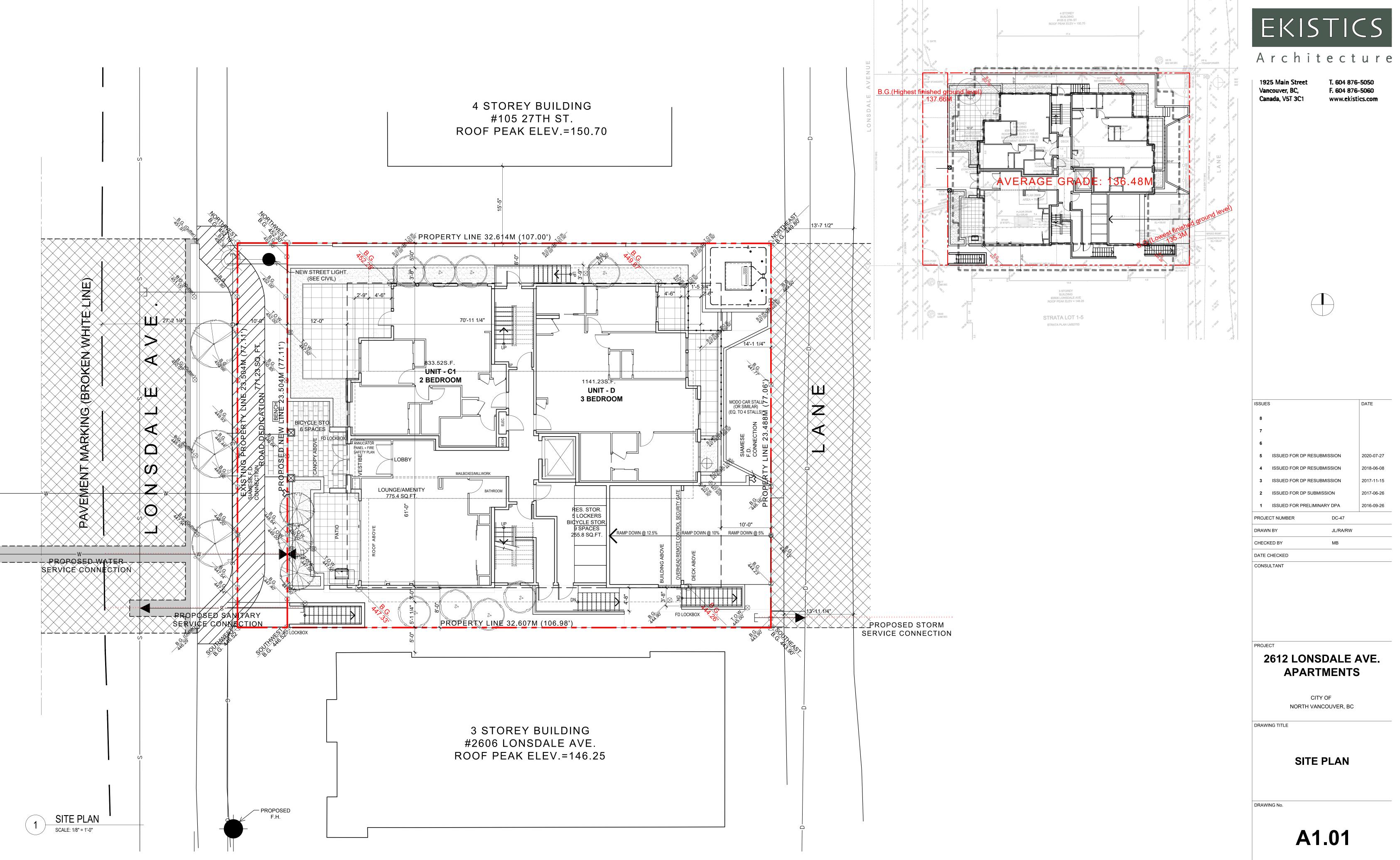
CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

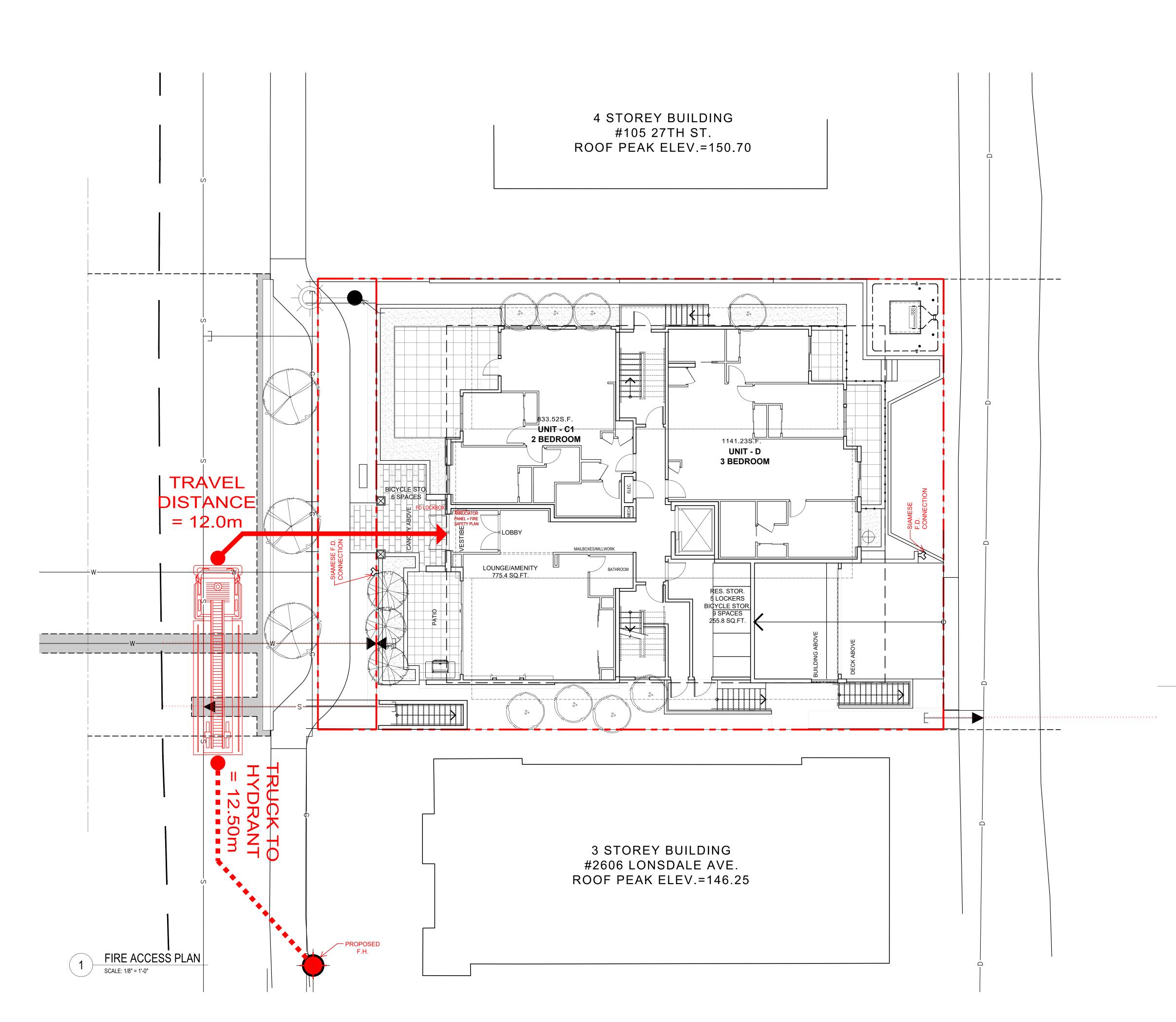
SUSTAINABILITY STATEMENT

DRAWING No

A 0.07









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2016-09-26

1 ISSUED FOR PRELIMINARY DPA

2612 LONSDALE AVE.
APARTMENTS

CITY OF NORTH VANCOUVER, BC

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SITE PLAN LEGEND

•----

PROPOSED FIRE HYDRANT

- DISTANCE FROM

DISTANCE FROM TRUCK TO UNIT DOOR

HYDRANT TO TRUCK

TYPICAL FIRE TRUCK

FIRE TRUCK CENTRE LINE RADIUS (12M MIN.)

ALL SURFACES WITHIN THE REQUIRED FIRE ACCESS
 ROUTE SHALL BE DESIGNED TO ACCOMMODATE FIRE

DEPARTMENT REQUIREMENTS & B.C.B.C. 2018.

• MIN. WIDTH OF FIRE TRUCK ACCESS ROUTE = 6M

ACCESS ROUTE EXCEEDS 90M.

**ACCESS ROUTES** 

• MAXIMUM FIRE DEPT. TRUCK ACCESS ROUTE TO BE

FIGHTING EQUIPMENT LOADS AS PER THE C.O.S. FIRE

90M. TRUCK TURN AROUND FACILITIES REQUIRED IF

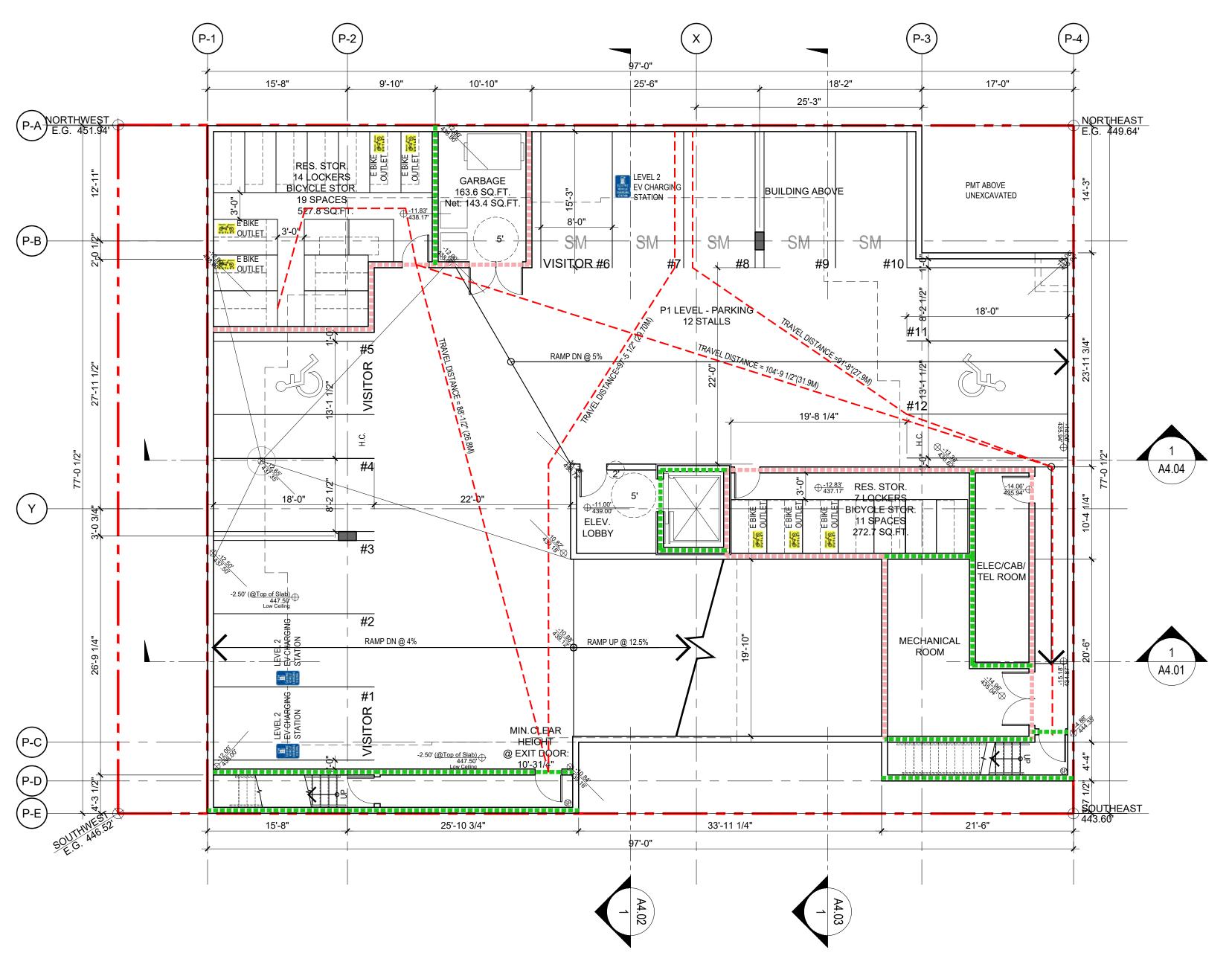
NO PARKING SIGNS TO BE POSTED ALONG TRUCK FIRE

→ F.H. 
→

FIRE ACCESS PLAN

DRAWING No

A1.01a



## 1 PARKING P1 FLOOR PLAN A1.02 Scale: 1/8" = 1'-0"

PARKING P1 - AREA:	<u>S.F.</u>	S.M.
GROSS AREA	6882.77	639.43
COMMON AREA	627.55	58.30
BICYCLE STORAGE AREA	800.47	74.37



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PROJECT

## 2612 LONSDALE AVE. APARTMENTS

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

LEGEND

TRAVEL DISTANCE -----

3/4HR FIRE SEPARATION

1HR FIRE SEPARATION

1 1/2HR FIRE SEPARATION

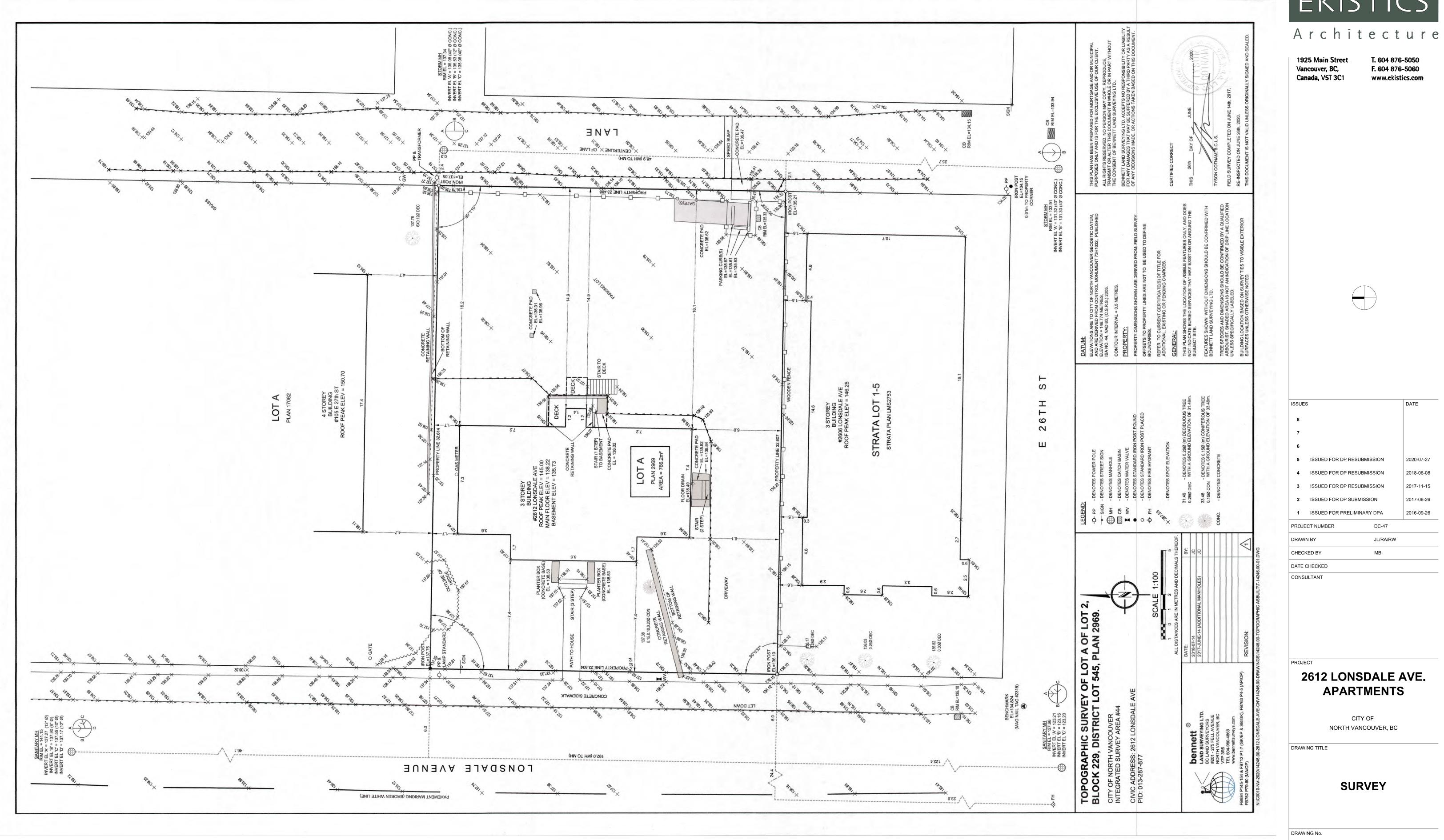
STANDPIPE SP

FD LOCKBOX [SES]

PARKING P1 FLOOR PLANS

DRAWING No.

A1.02



SURVEY
SCALE: NTS

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2018-06-08 2017-06-26

**2612 LONSDALE AVE.** 

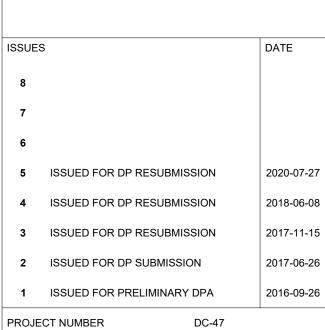
A1.03

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## 2612 LONSDALE AVE. APARTMENTS

CITY OF NORTH VANCOUVER, BC

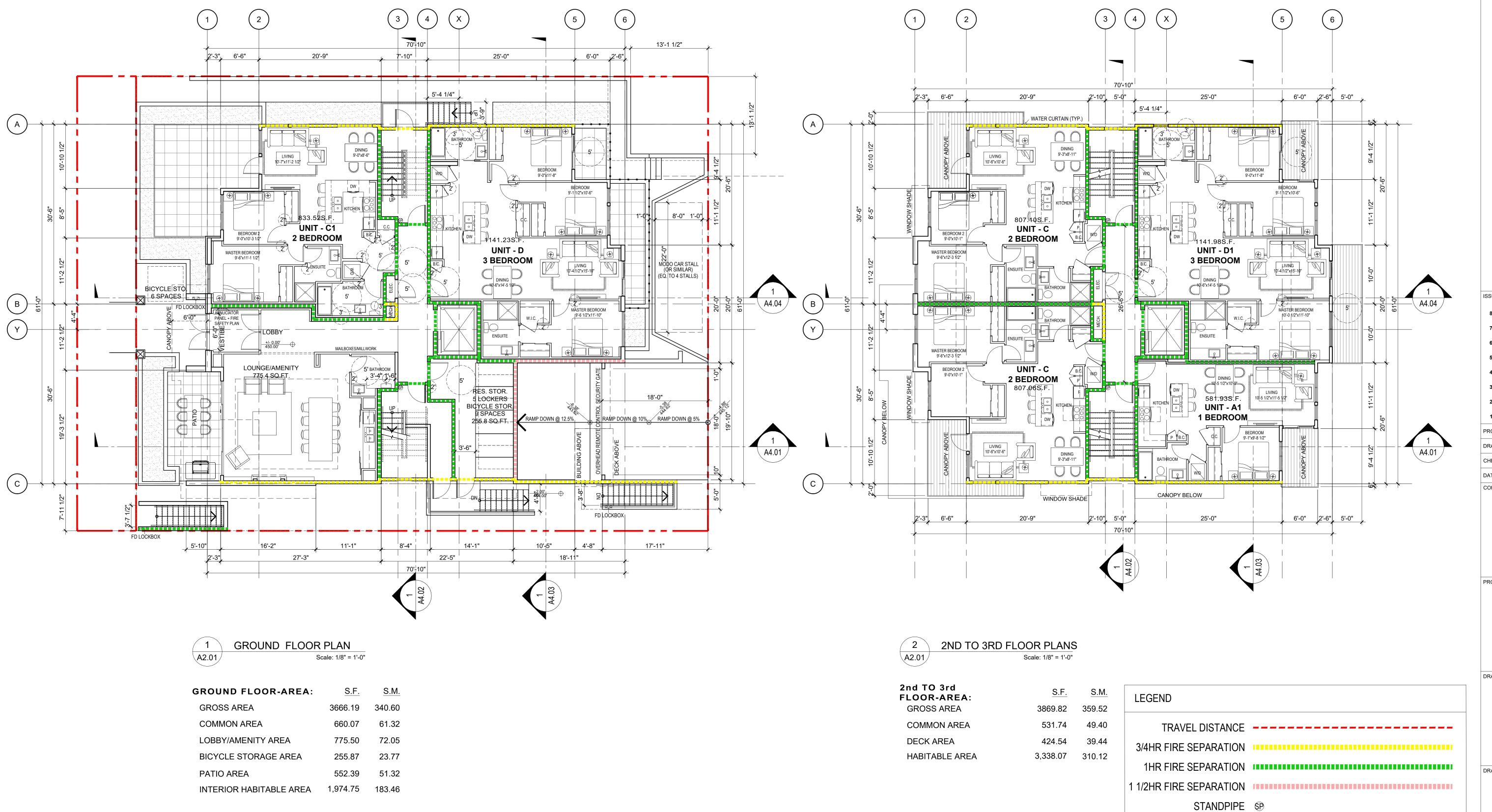
DRAWING TITLE

### GROUND, 2ND AND 3RD FLOOR PLANS

AWING No.

FD LOCKBOX [SEG]

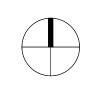
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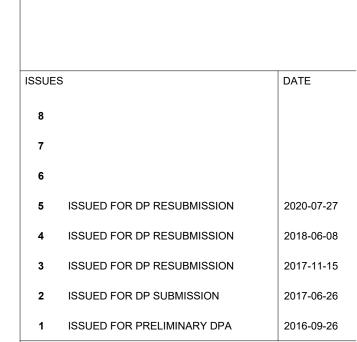


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APARTMENTS

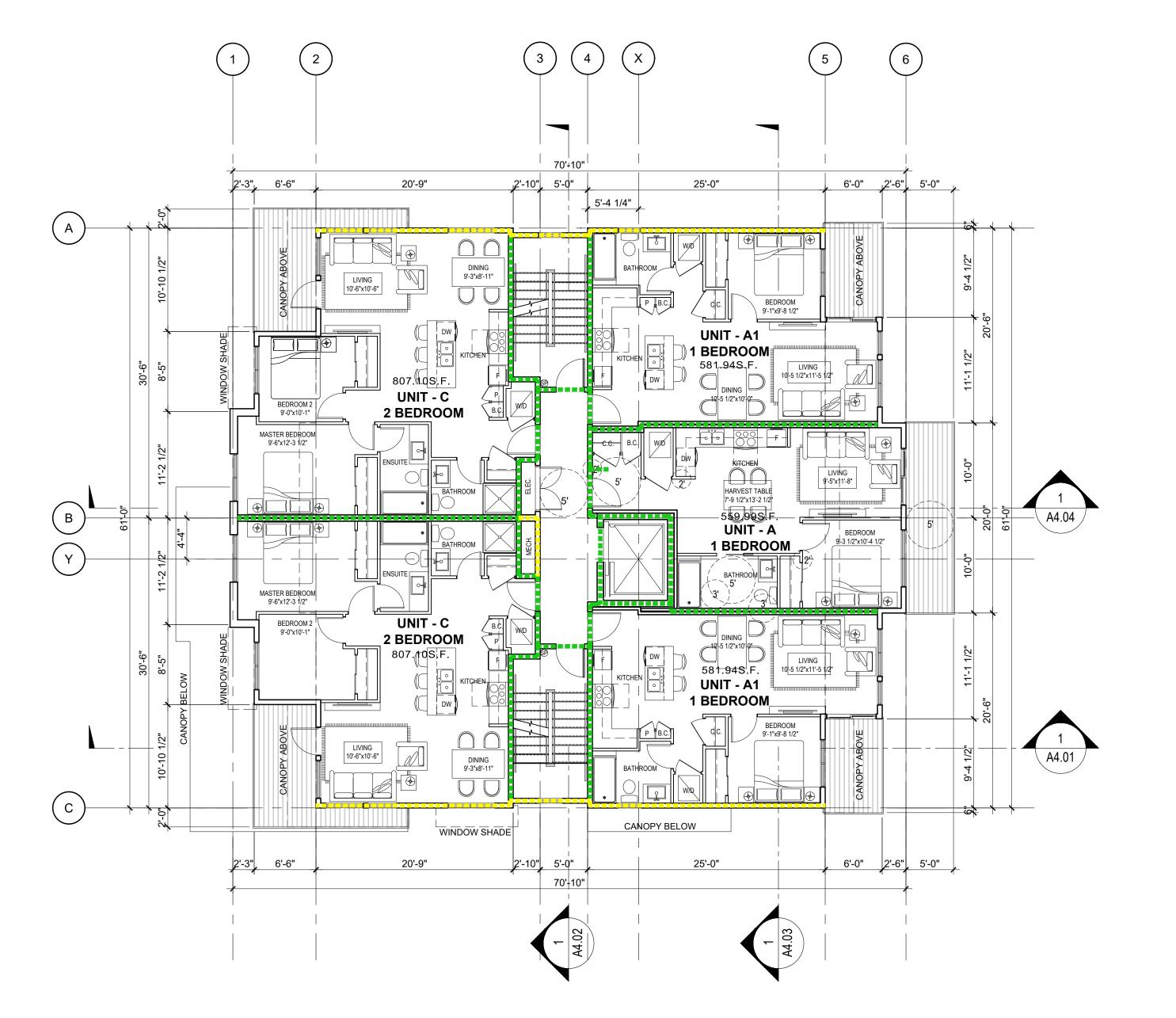
CITY OF NORTH VANCOUVER, BC

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4TH, 5TH AND 6TH FLOOR PLANS

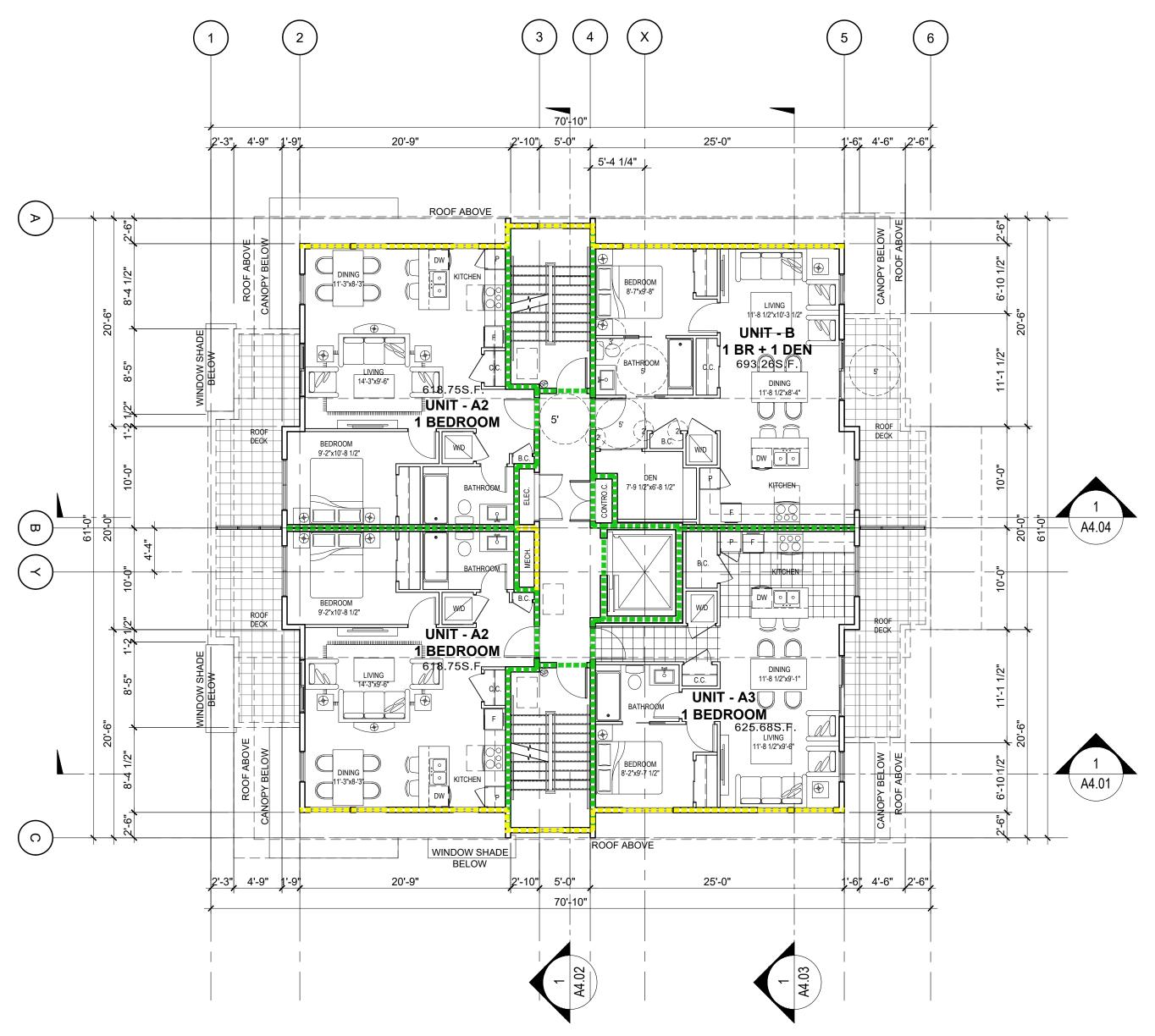
RAWING No.

**A2.02** 





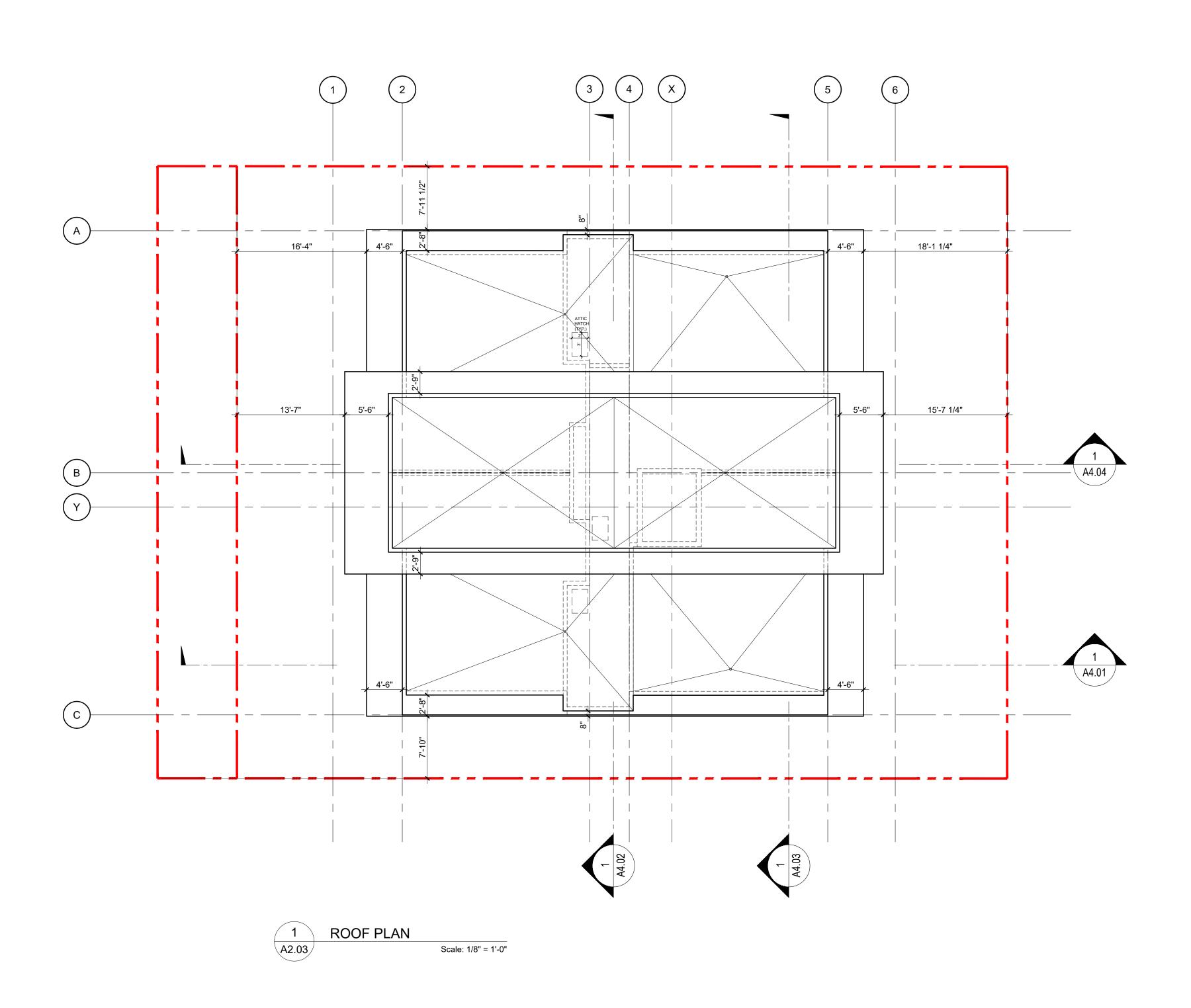
4th TO 5th FLOOR-AREA:	<u>S.F.</u>	<u>S.M.</u>
GROSS AREA	3869.82	359.52
COMMON AREA	531.74	49.40
DECK AREA	424.54	39.44
HABITABLE AREA	3,338.07	310.12



## 2 6TH FLOOR PLAN A2.02 Scale: 1/8" = 1'-0"

<u>S.F.</u>	<u>S.M.</u>	
3099.98	288.00	
543.54	50.50	
544.16	50.55	
2,556.44	237.50	
	3099.98 543.54 544.16	3099.98 288.00 543.54 50.50 544.16 50.55

LEGEND	
TRAVEL DISTANCE	
3/4HR FIRE SEPARATION	
1HR FIRE SEPARATION	
1 1/2HR FIRE SEPARATION	
STANDPIPE	SP .
FD LOCKBOX	[ZZ]





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## 2612 LONSDALE AVE. APARTMENTS

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

LEGEND

TRAVEL DISTANCE -----

3/4HR FIRE SEPARATION

1 1/2HR FIRE SEPARATION

STANDPIPE SP

FD LOCKBOX [SEC]

1HR FIRE SEPARATION

ROOF PLAN

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A2.03



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2612 LONSDALE AVE. **APARTMENTS** 

> CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

**ELEVATIONS** 

A3.01



A3.01

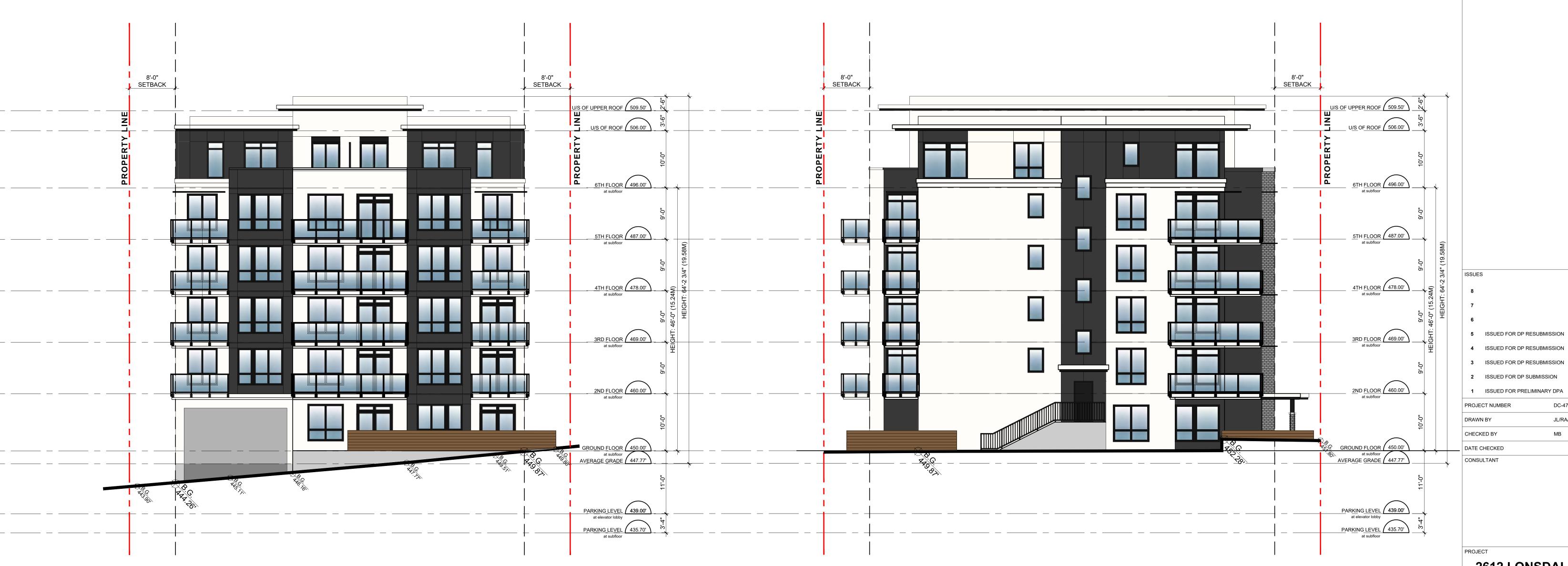
Scale: 1/8" = 1'-0"

A3.01

Scale: 1/8" = 1'-0"

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EAST ELEVATION A3.02 Scale: 1/8" = 1'-0"

A3.02 NORTH ELEVATION Scale: 1/8" = 1'-0" 2612 LONSDALE AVE. **APARTMENTS** 

2018-06-08

2017-11-15

2017-06-26

DC-47

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CITY OF NORTH VANCOUVER, BC

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**ELEVATIONS** 

A3.02





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### 2612 LONSDALE AVE. **APARTMENTS**

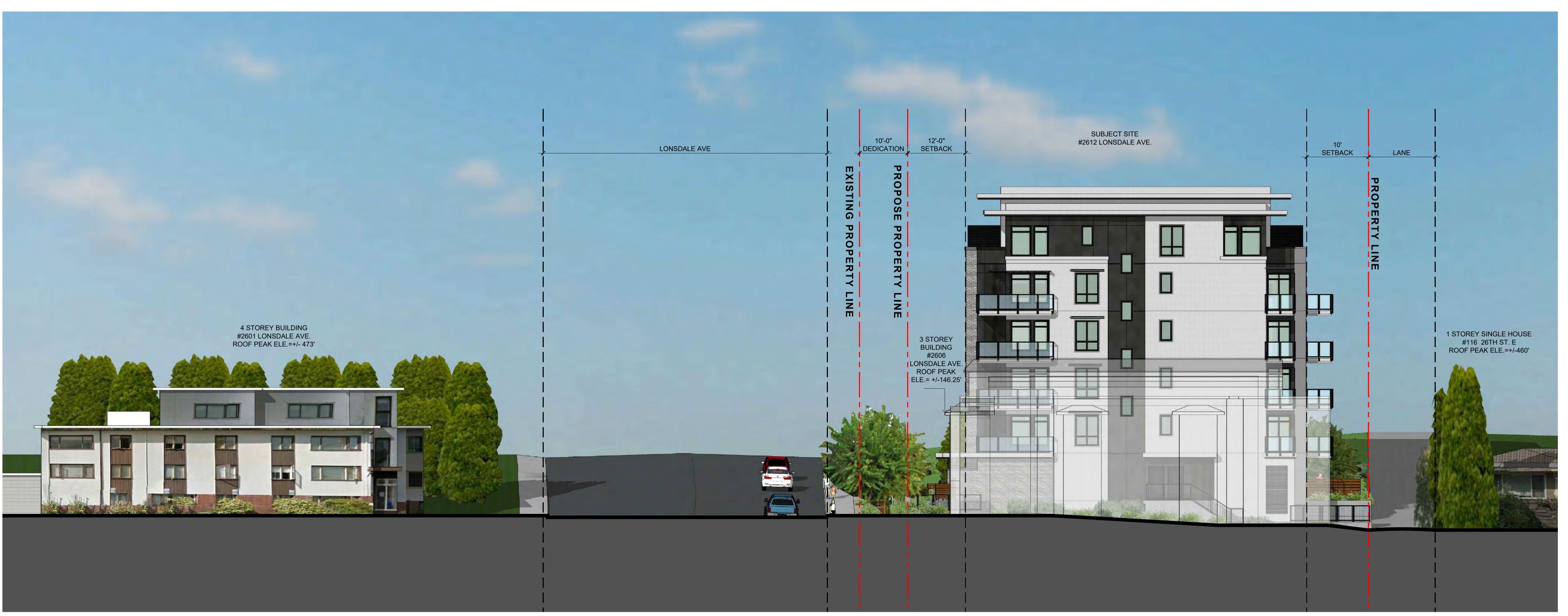
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DRAWING TITLE

STREETSCAPE

A3.03







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## 2612 LONSDALE AVE. APARTMENTS

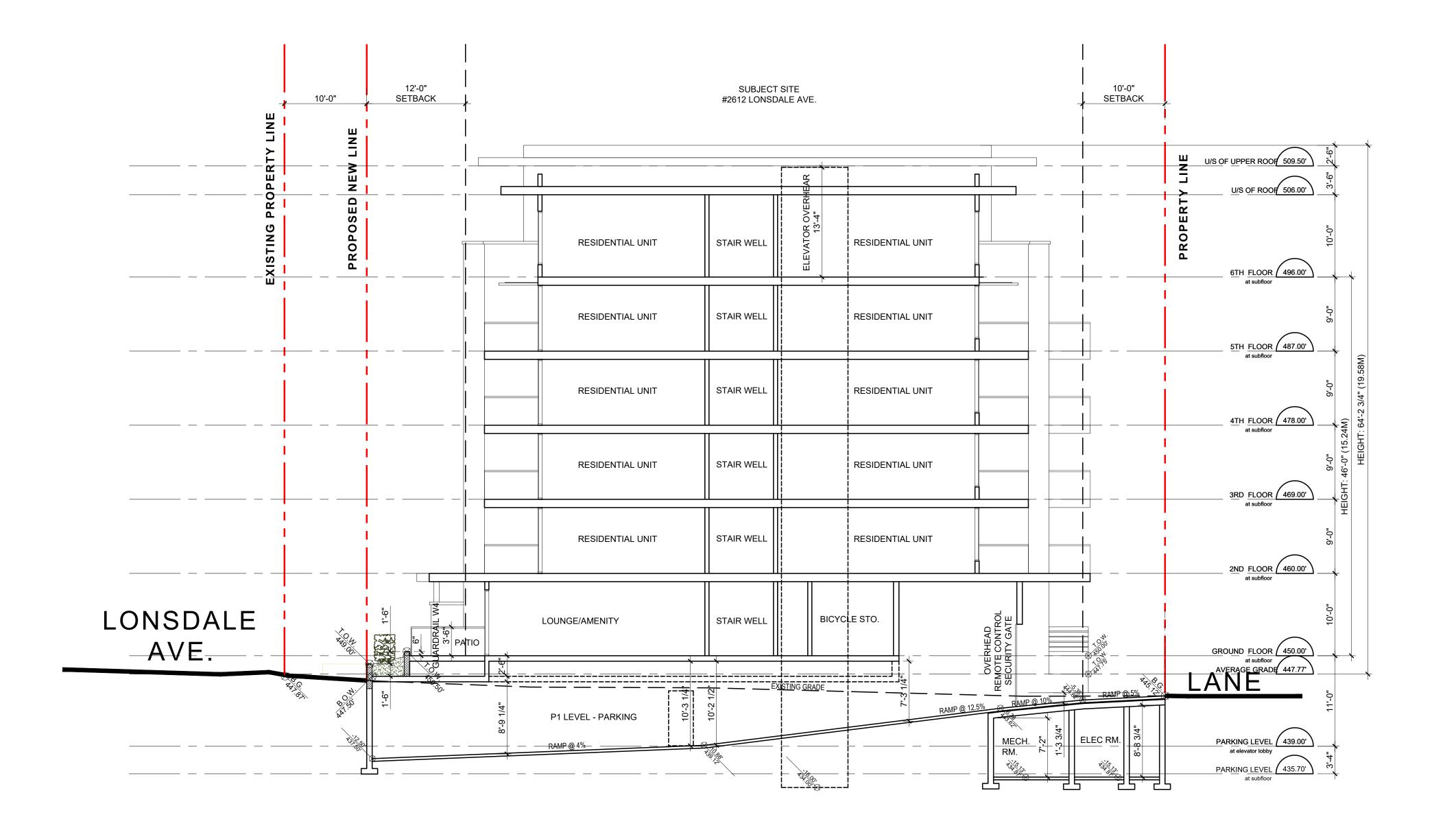
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DRAWING TITLE

STREETSCAPE

DRAWIN

A3.04







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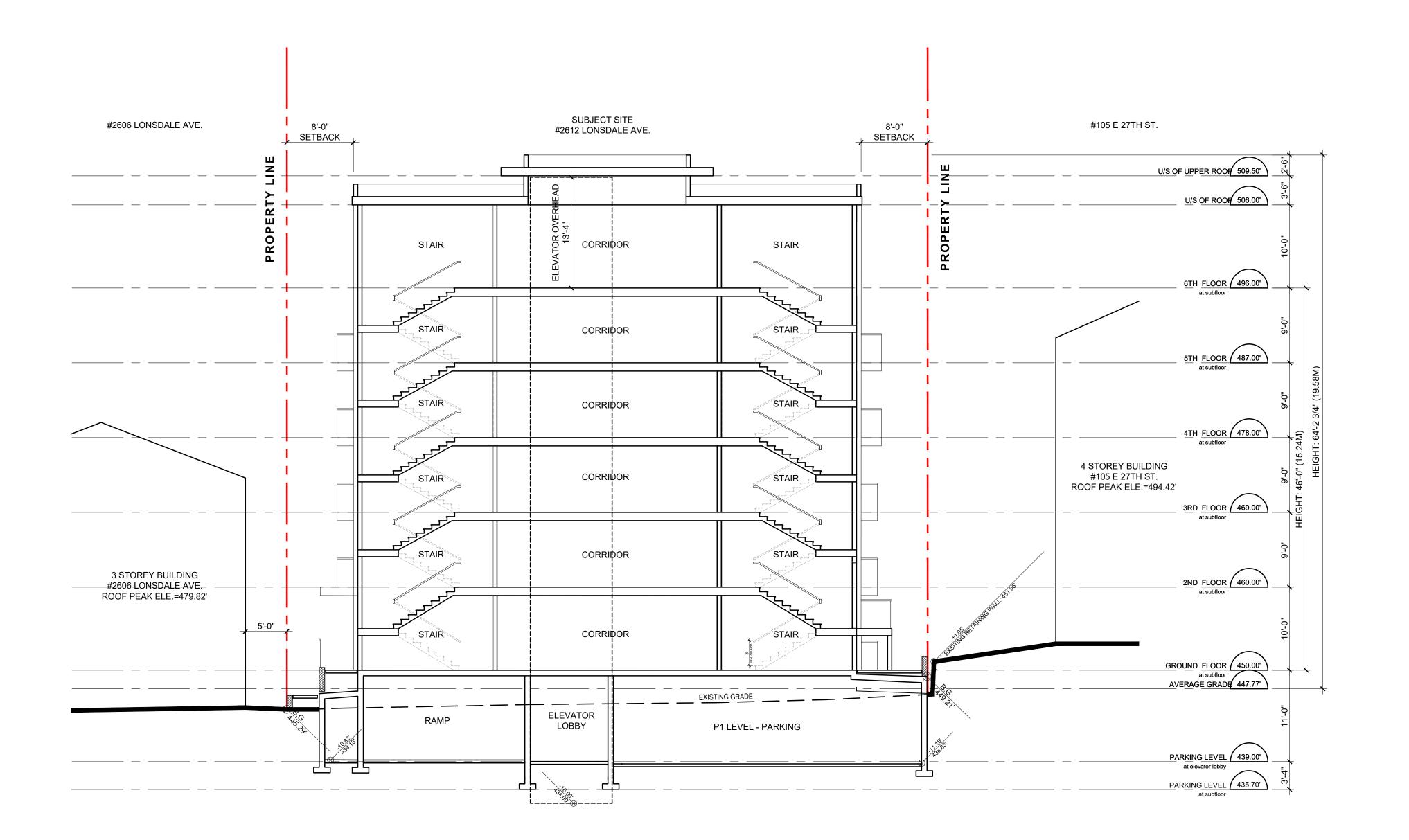
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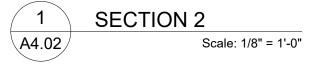
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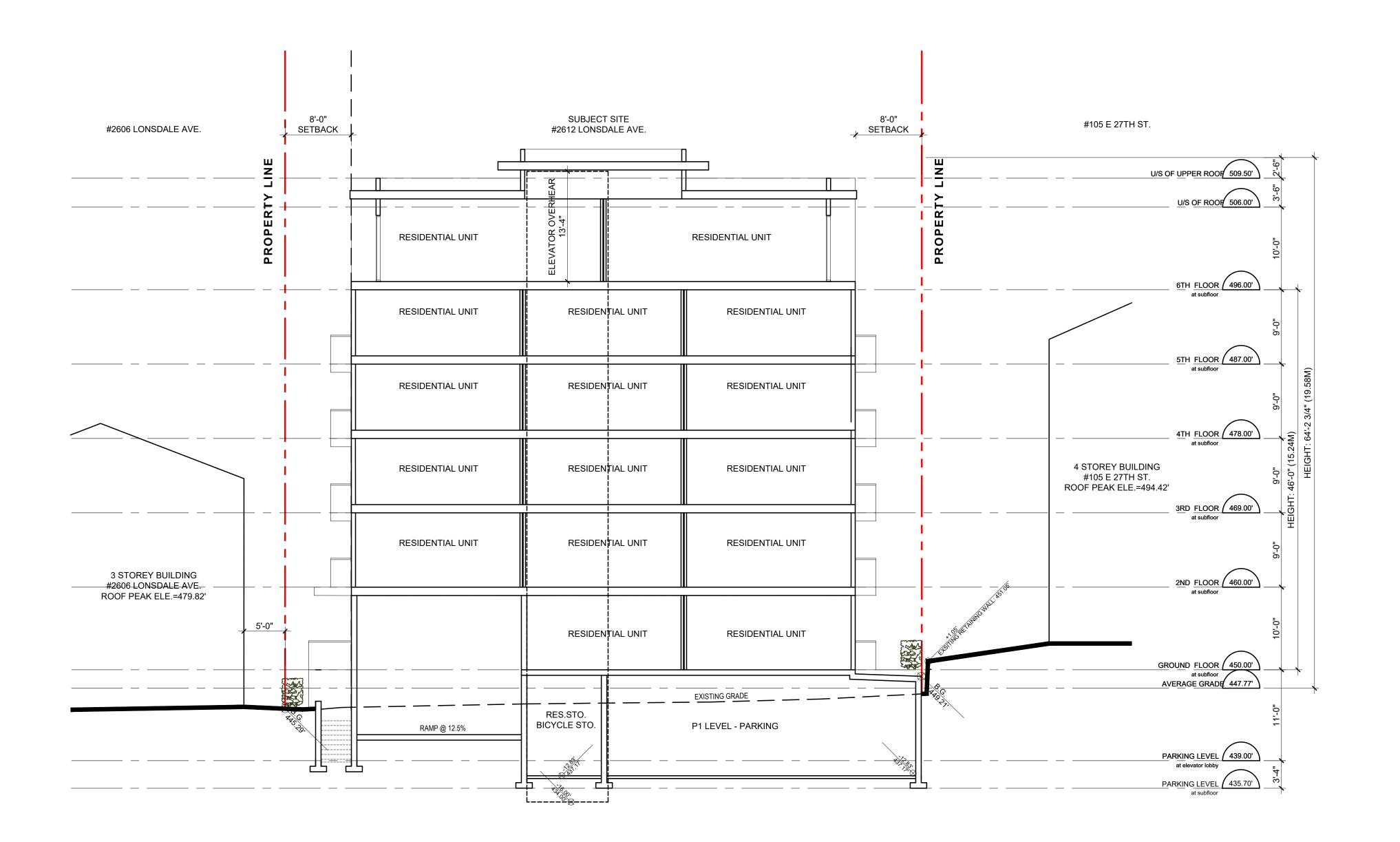
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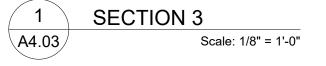
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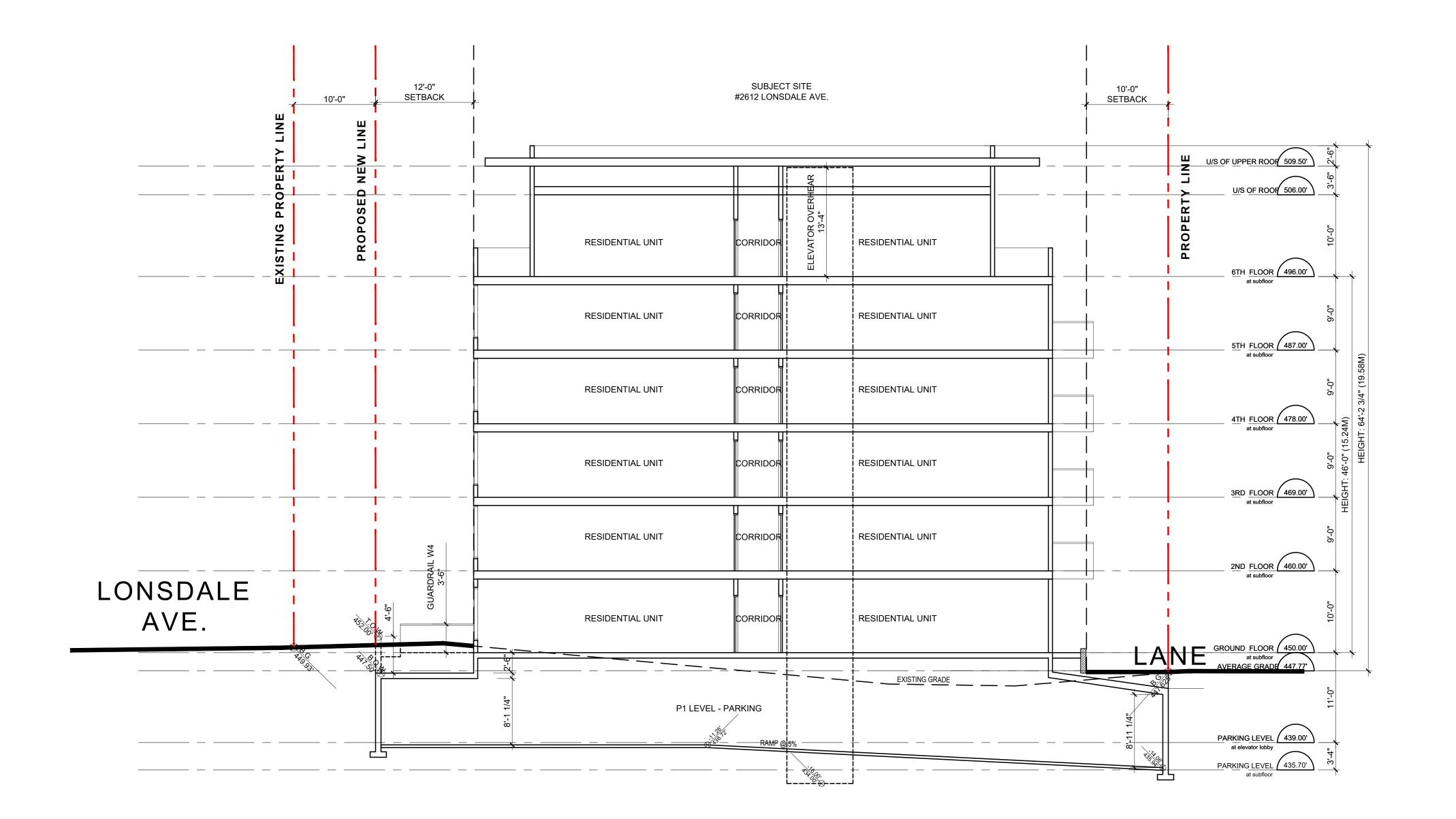
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**BUILDING SECTION** 

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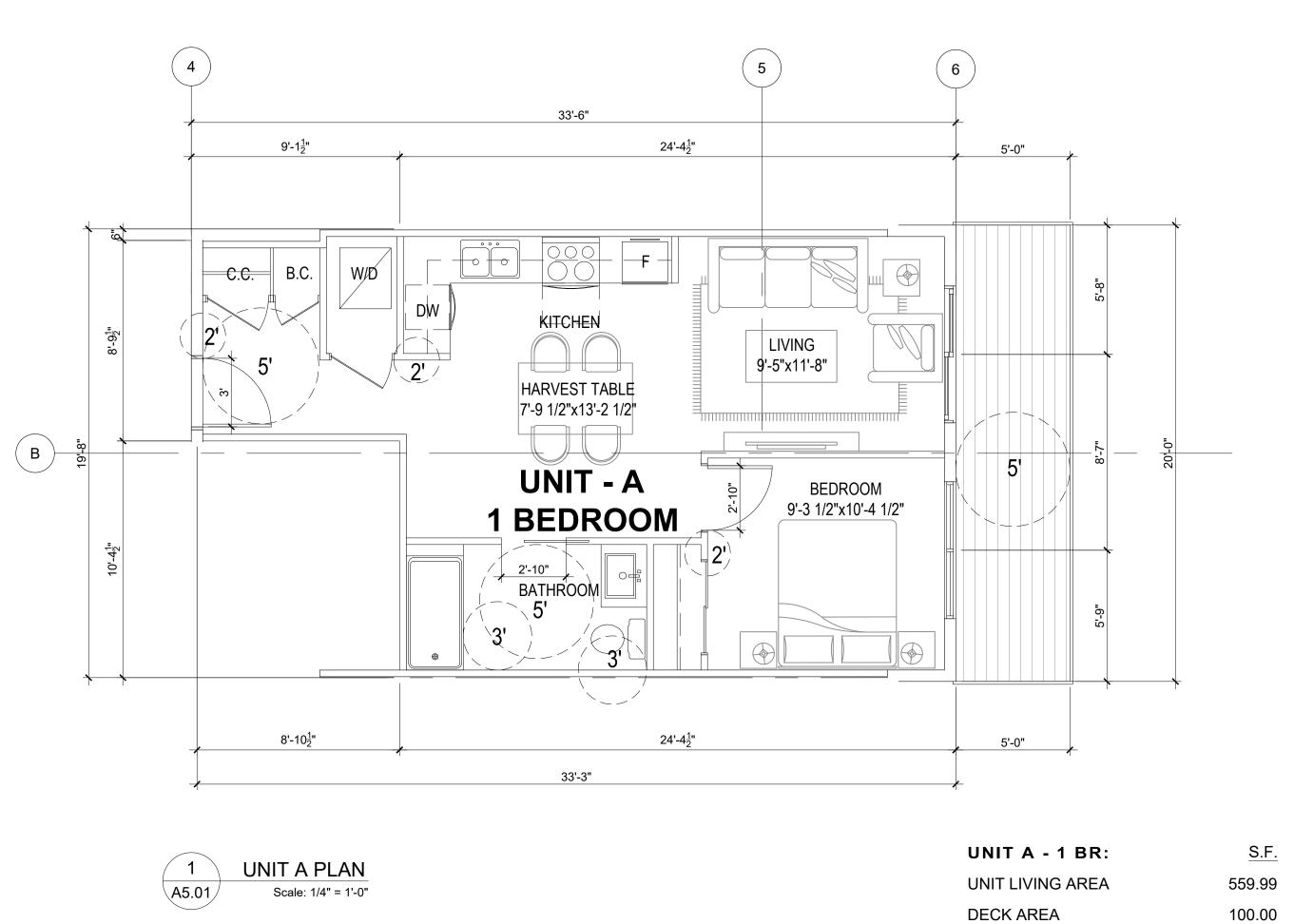
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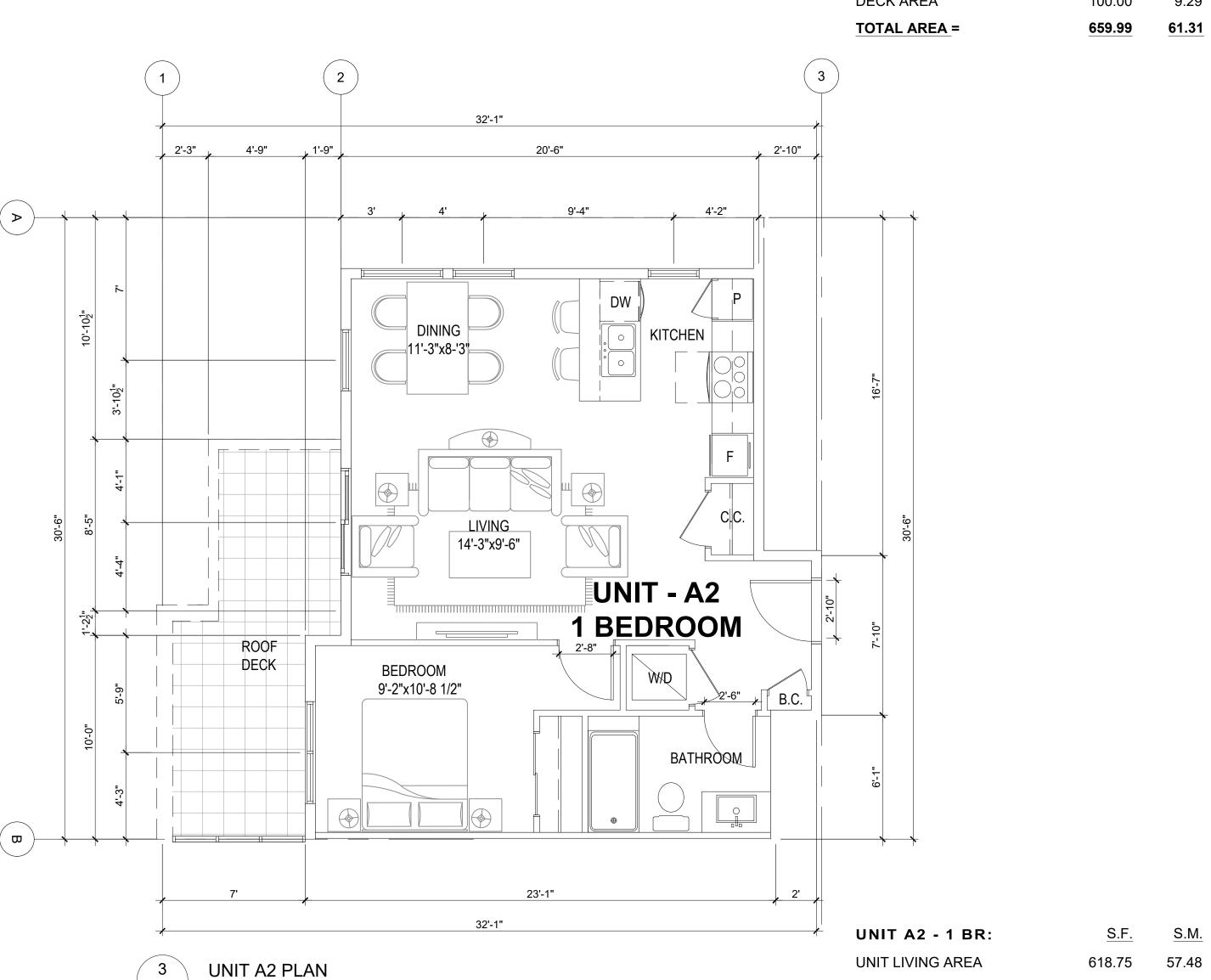
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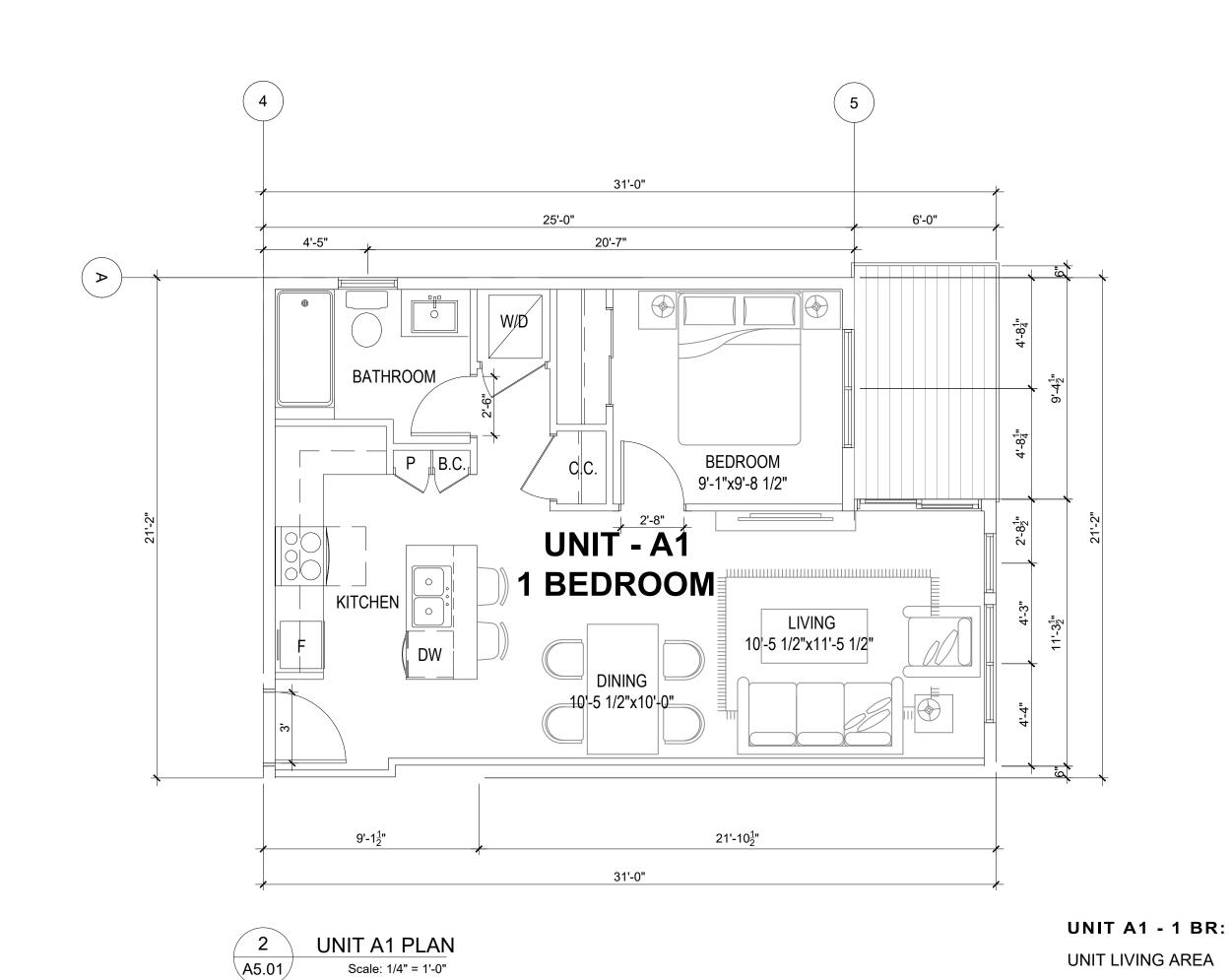
DRAWING No





A5.01

Scale: 1/4" = 1'-0"



<u>S.M.</u>

52.02

9.29

S.M.

12.57

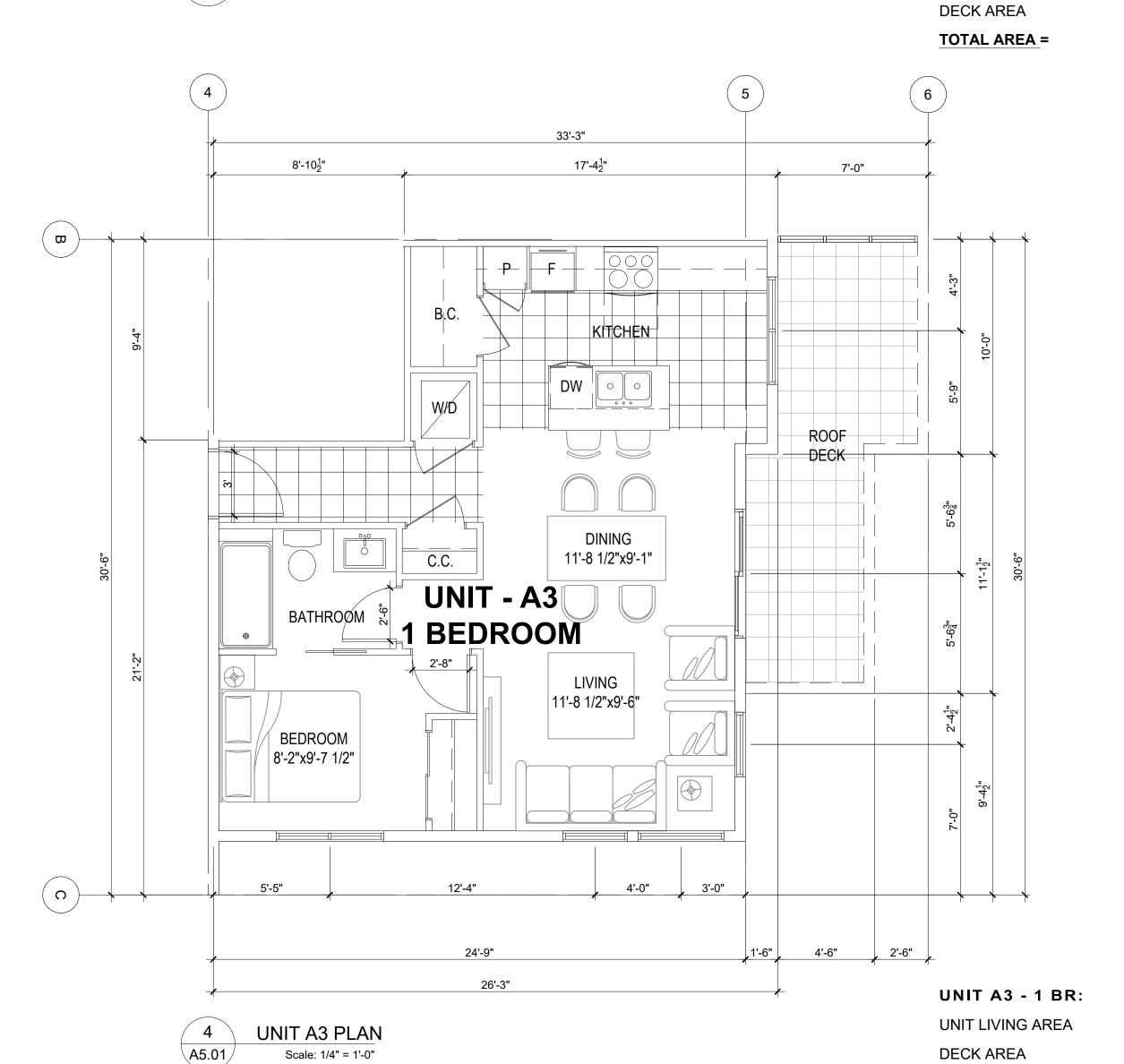
70.05

135.30

754.04

**DECK AREA** 

TOTAL AREA =





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S.M.

54.06

5.50

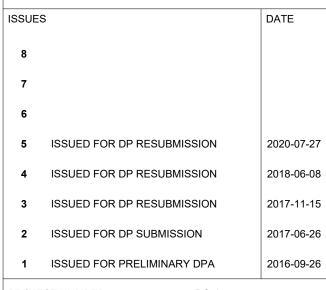
59.57

<u>S.F.</u>

581.94

59.25

641.19



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## **2612 LONSDALE AVE. APARTMENTS**

CITY OF NORTH VANCOUVER, BC

DRAWING TITLE

UNIT **FLOOR PLANS** 

S.M.

58.13

12.71

70.83

<u>S.F.</u>

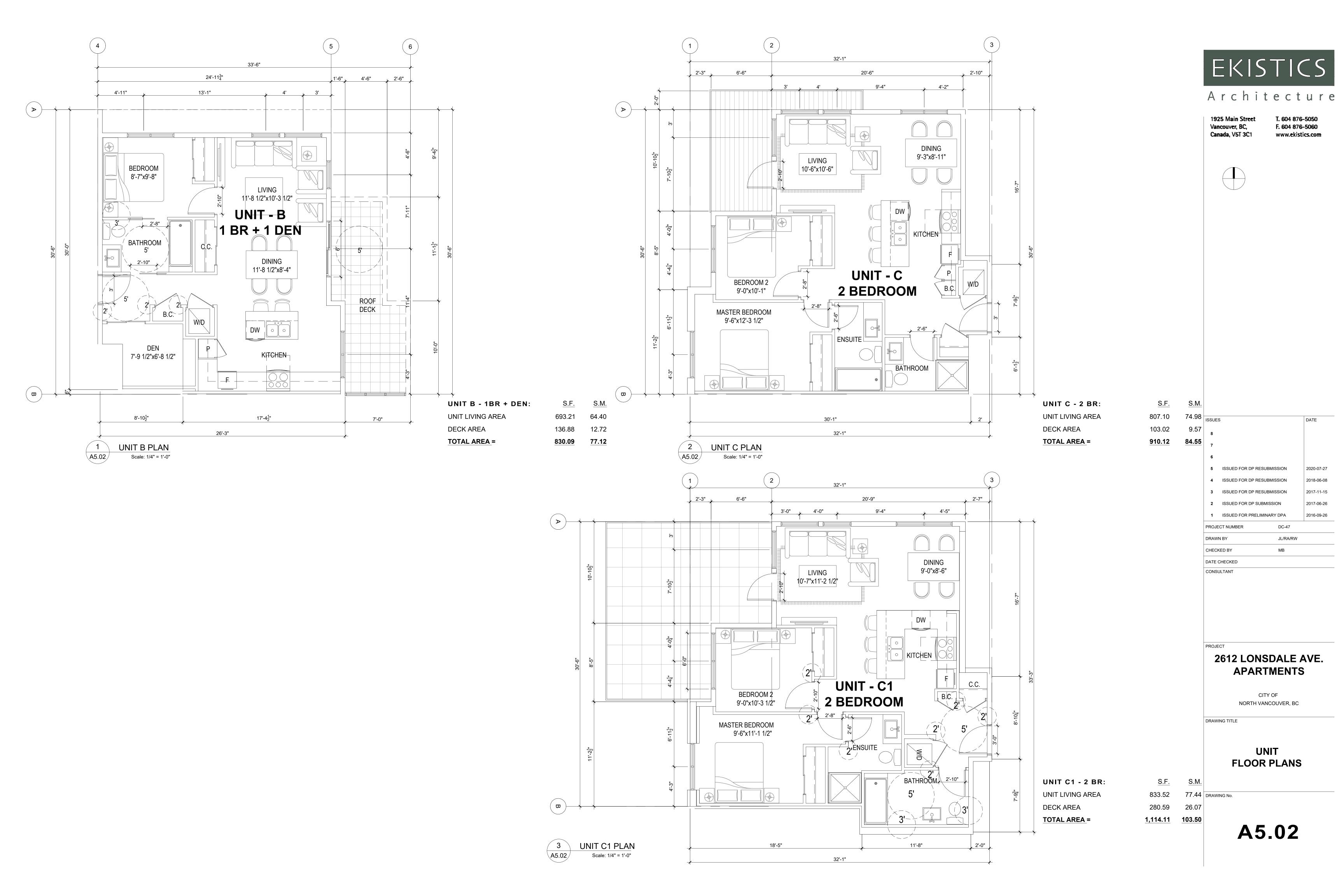
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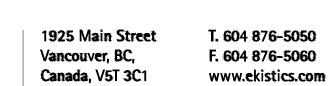
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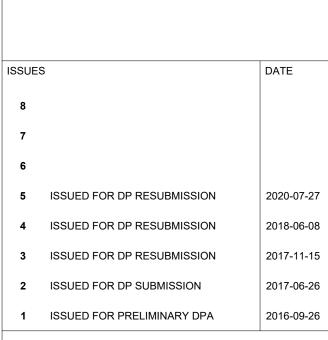
762.44

TOTAL AREA =

A5.01







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UNIT FLOOR PLANS

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