



PROPOSED RESIDENTIAL DEVELOPMENT

83 MULTI FAMILY UNITS SITE ADRESS: 1908 FOUL BAY ROAD LEGAL: LOT 1, SECTION 76, VICTORIA DISTRICTPLAN 26773

Code Review Summary

	L1 to L6	Basement
Occupancy	Group C	Group F- Div 3
Bldg. Area (m²)	1,099 m ²	2,234 m ²
Bldg. Height (storeys)	6 storeys	Basement (1 level)
Sprinklered	Yes	Yes
Construction Article(s)	3.2.2.51	3.2.2.84
Max. Area Permitted (m²)	1,500 m ²	7,200 m ²
Construction Type	Combustible	Non-combustible
Floor Fire Resistance Rating	1h	1h
Mezzanine Fire Resistance Rating	N/A	N/A
Roof Fire Resistance Rating	1h	1h

NOTES

Table of Contents

CONSULTANT LIST

DEVELOPER

Ledcor Property Investments Ltd. 1500 - 1067 West Cordova Street, Vancouver, BC, V6C 1C7

ARCHITECT

RLA Architects Inc. 1656 W8th St, Vancouver BC, V6J 1V4

LANDSCAPE

LADR Landscape Architects 3-864 Queens Ave, Victoria BC, V8T 1M5

CIVIL

McElhanney Suite 500, 3960 Quadra St Victoria BC, V8X 4A3

ARBORIST

Talbot Mackenzie & Associates 3575 Douglas St Victoria BC, V8Z 7H6

1.0	SITE INFORMATION	A-8.01	Unit Plans
A-0.00	Cover	A-8.02	Unit Plans
A-0.01	Table of Contents	A-8.03	Unit Plans
A-0.02	Location Map	A-8.04	Unit Plans
A-0.03	Context Map		
A-0.04	Context Photos		
A-0.05	Survey		
A-0.06	Development Statistics		
A-0.07	Context Aerial View		
2.0	PROPOSED DESIGN DRAWINGS		
A-1.00	Site Plan & Project Infomation		
A-2.01	Parking Plan P1		
A-2.02	Main Level Floor Plan		
A-2.03	Level2 Floor Plan		
A-2.04	Typical Floor Plan		
A-2.05	Roof Plan		
A-3.01	Elevations		
A-3.02	Elevations		
A-3.03	Elevations		
A-3.04	Elevations		
A-3.05	Colour Material Board		
A-3.06	Streetscape		
A-3.07	Streetscape		
A-4.01	Sections		
A-4.02	Sections		
V_1 U3	Sections		

A-5.01 Render

A-5.02 Render

A-5.03 Render

A-5.04 Render

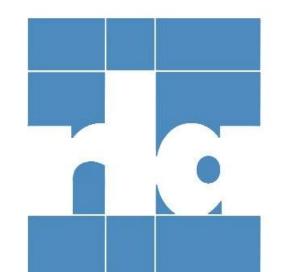
A-5.05 Render

A-6.00 Shadow Study

A-7.01 Building Area

A-7.02 Site Coverage

A-7.03 Average Grade



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For

Project

1908 FOUL BAY Multi-Unit Residential



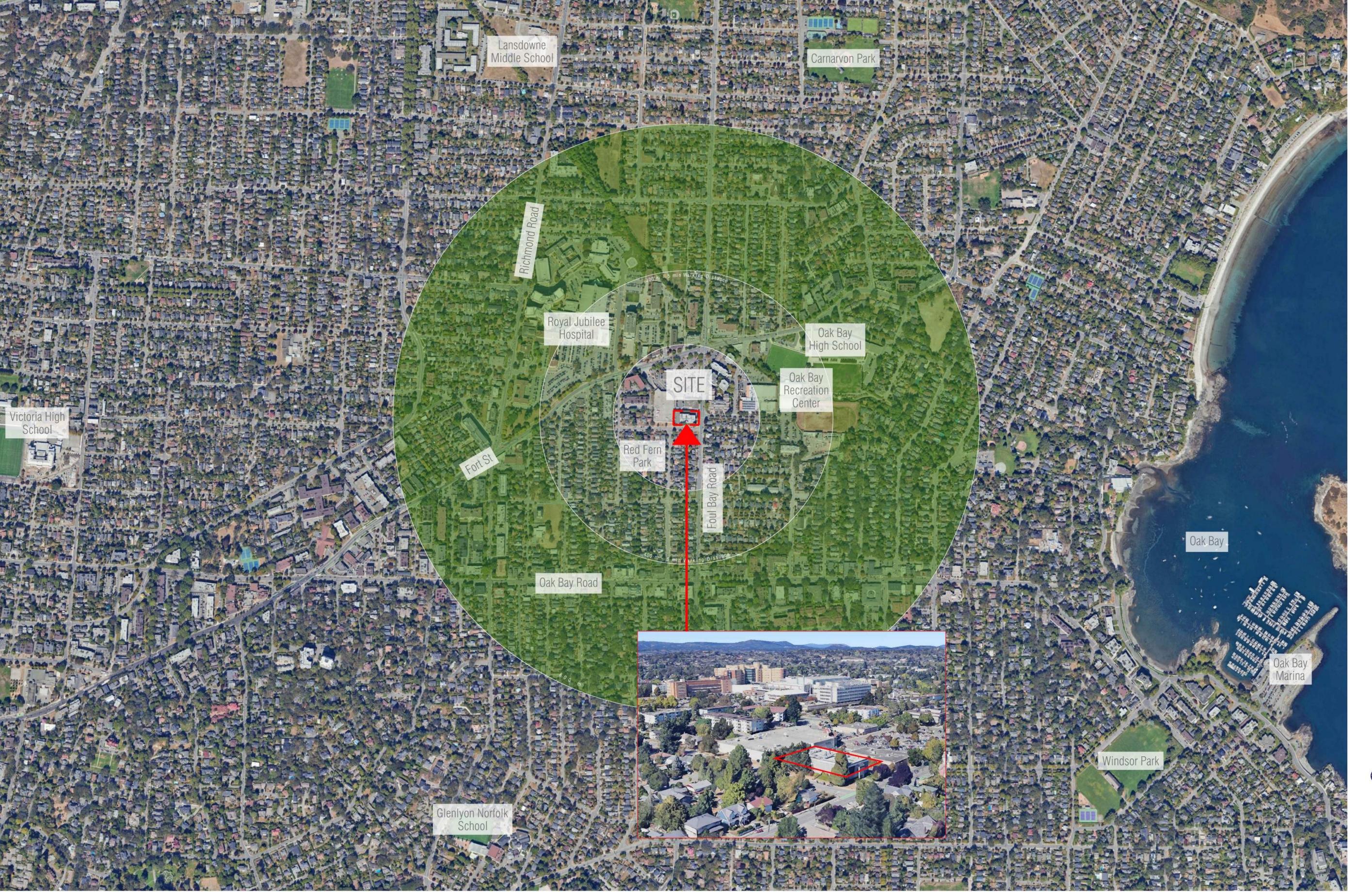


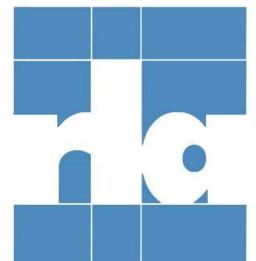
Table of Content

Scale: N/A September 19, 2025

A-0.01

^{1.} This project is designed to comply with the BC Building Code 2024 except for section 3.8.5 adaptable design and section 4.1.8 seismic which are to be designed to BCBC 2018 as directed in Ministerial Order BA 2024 04.





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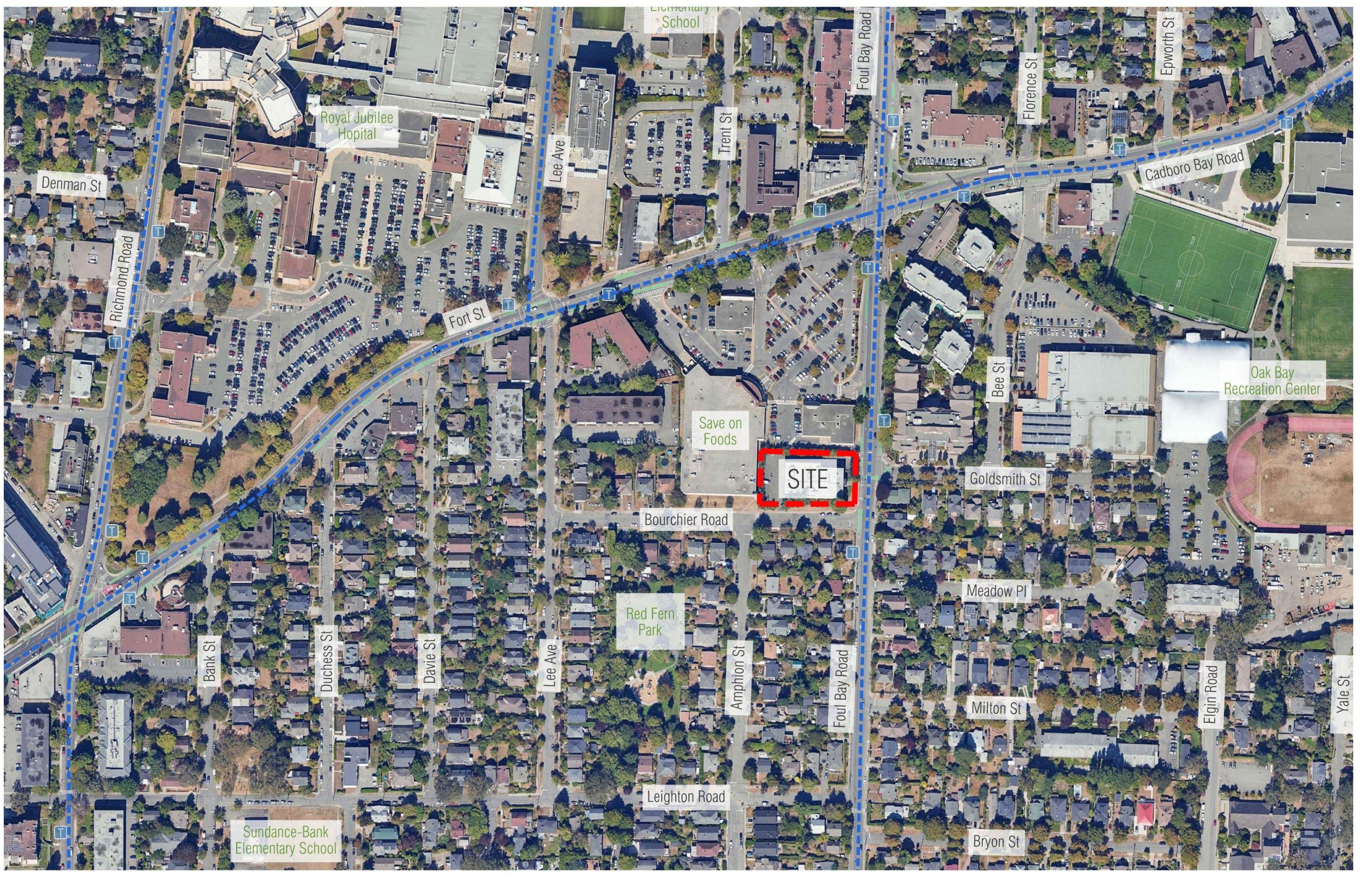
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TELUS (Wing



Project Location Map Scale: 1:5000 September 19, 2025







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or

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Context Plan
Scale: N/A
September 19, 2025











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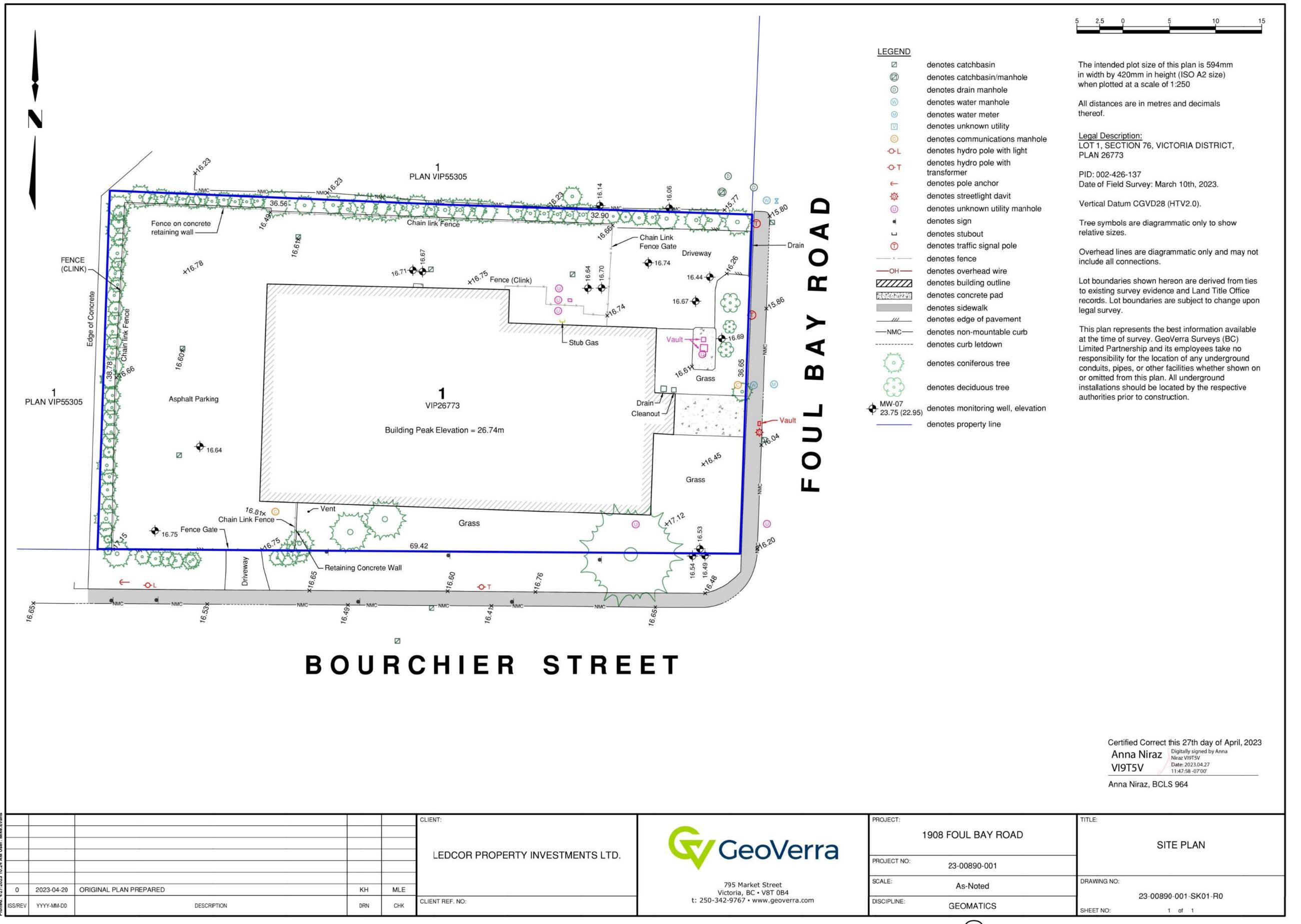
Photos of Existing Site Conditions Scale: N/A September 19, 2025

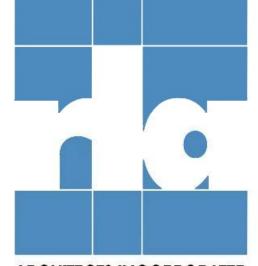




Photos of Existing Site Condition







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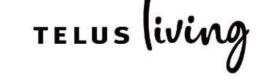
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1908 FOUL BAY Multi-Unit Residential





Survey

Scale: N/A September 19, 2025

Survey

A-0.05

Development Statistics

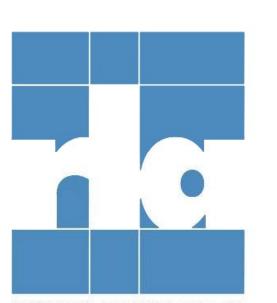
TELUS LIVING	Development Statistics:					updated		9/17/2025
Project Address:	1908 Foul Bay, Vicotria, BC							
Zoning:								
Current:	City of Victoria	R1.B Z	oning (Si	ngle Family [Dwell	ing District)		
Proposed:		New Z	one					
Site Stats								
Site Area				28,105	sf		2,611 sm	
Dedication Area				1,185	sf		110 sm	
Post Dedication, Net Site	Area			26,920	sf		2,501 sm	
	Max Allowable		Proposed	d				
Site Coverage		sf	42%	11,884	sf			
Floor Space Radio (FSR)		sf	2.57	69,186	sf	(6 storeys)	6,428 sm	

Units			Mix Jn	its Size	Units	Total			
	S	Studio	7%	434 sf	6	2,604	sf	Studio	7%
	A1	1 Bedroom	30%	530 sf	26	13,780	sf	1 Bedroom	43%
	A2	1 Bedroom + Flex	14%	656 sf	12	7,872	sf		
	A2e	1 Bedroom	6%	581 sf	5	2,905	sf	1 Bedroom + Flex	14%
	A2ap	1 Bedroom (adaptable)	7%	581 sf	6	3,486	sf		
	B1	2 Bedroom 2 Bath	5%	798 sf	4	3,192	sf	2 Bedroom	23%
	B2	2 Bedroom 2 Bath	7%	852 sf	6	5,112	sf		
	C2	2 Bedroom 2 Bath Corner	11%	797 sf	10	7,970	sf		
	D1	3 Bedroom 2 Bath Corner	7%	991 sf	6	5,946	sf	3 Bedroom	14%
	D2	3Bedroom 2 Bath Corner	7%	1090 sf	6	6,540	sf		
			100%						
		Average n	et Unit size	683 sf	87	59,407	sf		
Total GFA						69,186	sf		
				Efficiency		86%			100%

ar Parking									
	Requ	ired Residential (Core A	rea)	Units	Requ	ired Stalls		Proposed	
	<	45 sm (484 sf)	0.50 /unit	6		3			
45 sm (484 sf)	<	70 sm (753 sf)	0.60 /unit	49		29			
	>	70 sm (753 sf)	1.00 /unit	32		32			
				87 Total		64		54	
	Requ	ired Accessible	2 cars / 51-75 spaces			2 incl'd a		2 incl'd above	
	Requ	ired Van Accessible	1 car / 51-75 spaces			1 incl'd a	above	1 incl'd above	
	Total	Residential Cars				64		54	
	Regu	ired Visitor	0.10 /unit	87		9		7	
	255	ired Visitor Accessible	0 cars / 6-25 visitor sp			0 incl'd a	above	0 incl'd above	
	50	ired Visitor Van Accessi		1 incl'd above			1 incl'd above		
	Total Visitors Parking							7	
				Total		73	0.84	61	0.70
ong Term Bike Parking	į į					100000		No.	3.500.0000
	Requ	ired						Proposed	
	<	45 sm (484 sf)	1.00 /unit	6		6		26	
	>	45 sm (484 sf)	1.25 /unit	81		101			
					Total	107		108	
hort Bike Parking									
	Requ								
Greater of	6	or	0.1 /unit	87		9		8	

RENTAL APAR	TMENT UNITS				Is.				To.			
	Room Type	Parking	Main Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	6th Floor	Total Units	Unit Area	Total Area	Unit Mix
s	Studio		1	1	1	1	1	1	6	434 SF	2,604 SF	7%
Al	1 Bedroom		5	5	4	4	4	4	26	530 SF	13,780 SF	30%
A2	1 Bedroom + Flex		2	2	2	2	2	2	12	656 SF	7,872 SF	14%
A2e	1 Bedroom		0	1	1	1	1	1	5	581 SF	2,905 SF	6%
A2ap	1 Bedroom (adaptable)		1	1	1	1	1	1	6	581 SF	3,486 SF	7%
В1	2 Bedroom 2 Bath		0	0	1	1	1	1	4	798 SF	3,192 SF	5%
В2	2 Bedroom 2 Bath		1	1	1	i	1	1	6	852 SF	5,112 SF	7%
C2	2 Bedroom 2 Bath Corner		0	2	2	2	2	2	10	797 SF	7,970 SF	11%
D1	3 Bedroom 2 Bath Corner		1	1	1	1	1	1	6	991 SF	5,946 SF	7%
D2	3Bedroom 2 Bath Corner		1	Ĩ	1	1	1	1	6	1,090 SF	6,540 SF	7%
	#UNIT / FLOOR		12	15	15	15	15	15	87	Avg Unit		
	UNIT AREA/FLOOR		7,910 SF	10,085 SF	10,353 SF	10,353 SF	10,353 SF	10,353 SF		683 SF	59,407 SF	100%
										net		
	Common Area		1,403 SF	1,716 SF	1,448 SF	1,448 SF	1,448 SF	1,448 SF			8,911 SF	
	Entry Lobby		275 SF								275 SF	
	Amenity Room		593 SF								SF	
	Bike Room		1,561 SF									
	Elevator Shaft		143 SF	143 SF	143 SF	143 SF	143 SF	143 SF				
	GROSS FLOOR AREA		10,181 SF	11,801 SF	11,801 SF	11,801 SF	11,801 SF	11,801 SF		SF	69,186 SF	
										gross		
	NET EFFICIENCY		78 %	85 %	88 %	88 %	88 %	88 %			85.9 %	

RESIDENTIAL UNIT MIX SUMMARY		UNIT MIX SUMMARY Mix %	
S	Studio	7%	6
A1 A2e A2ap	One Bedroom	49%	43
A2	One Bedroom Flex	7%	6
B1 B2 C2	Two Bedroom	23%	20
D1D2	Three Bedroom	14%	12
		100%	97



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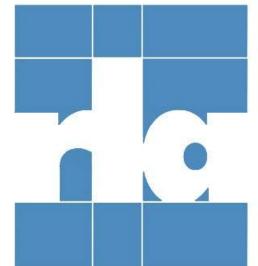
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Development Statistics





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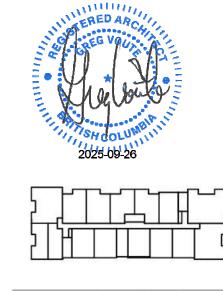
September 11, 2024 Pre-Application City Review

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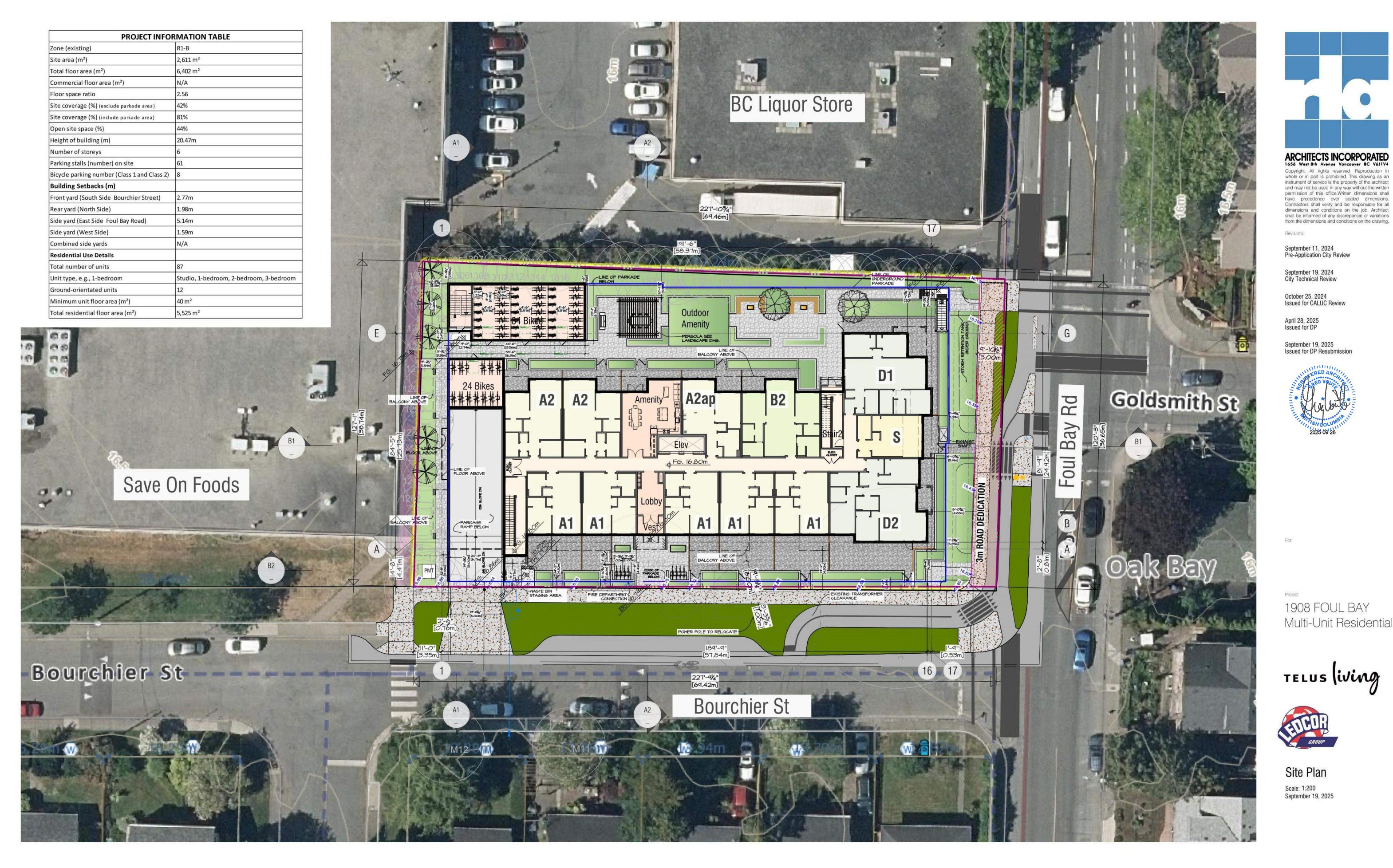
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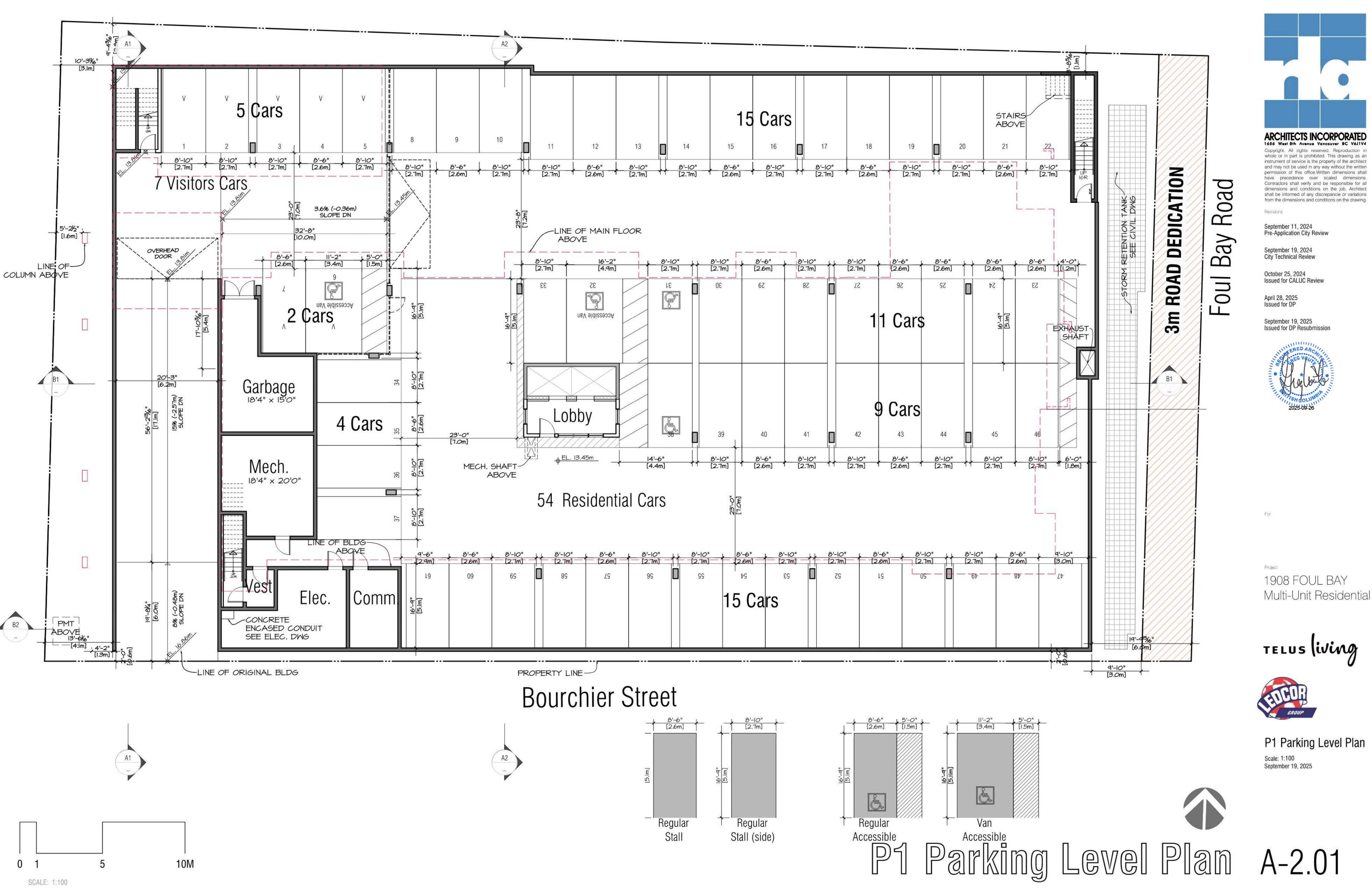


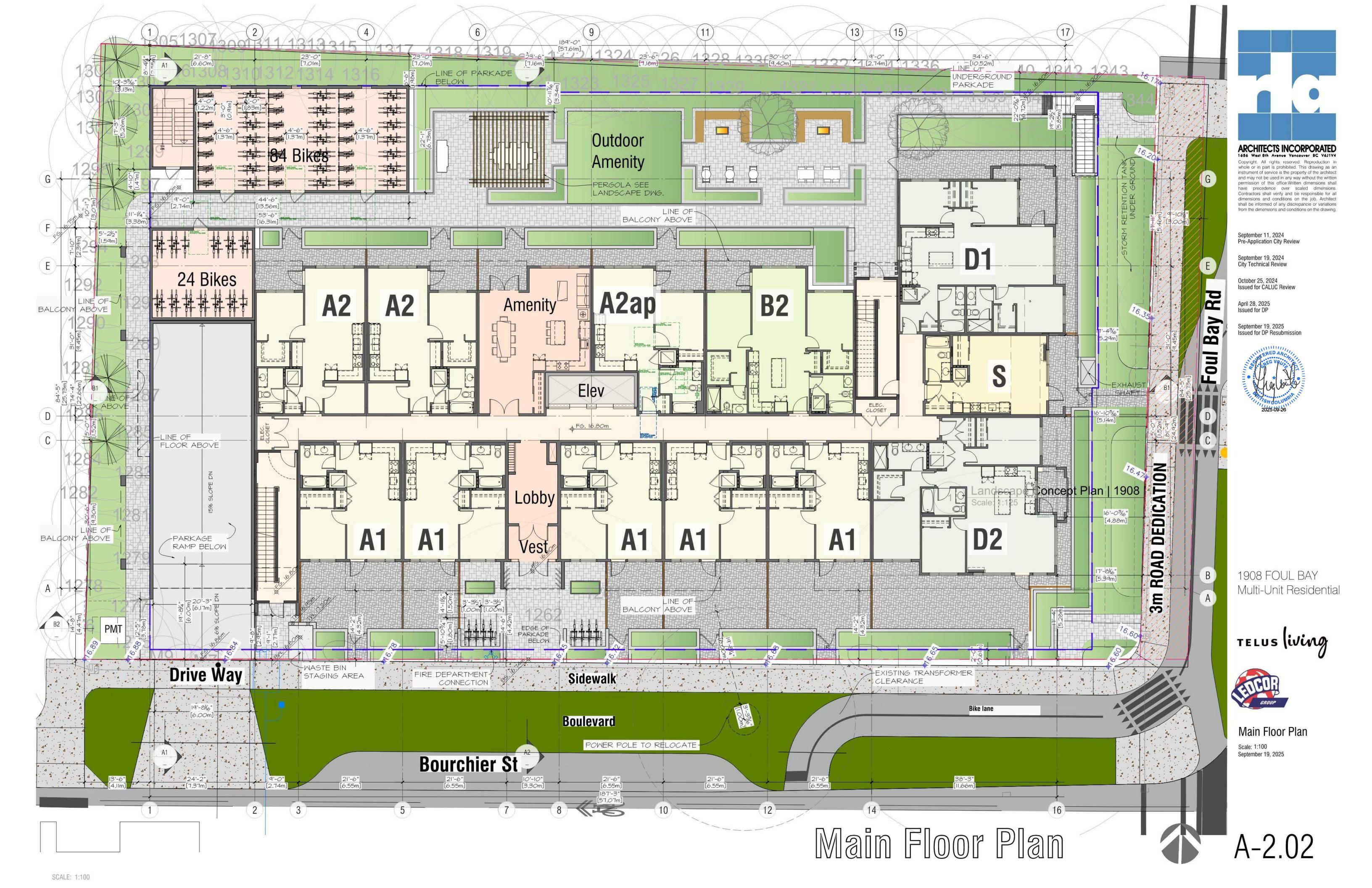
Context Aerial View

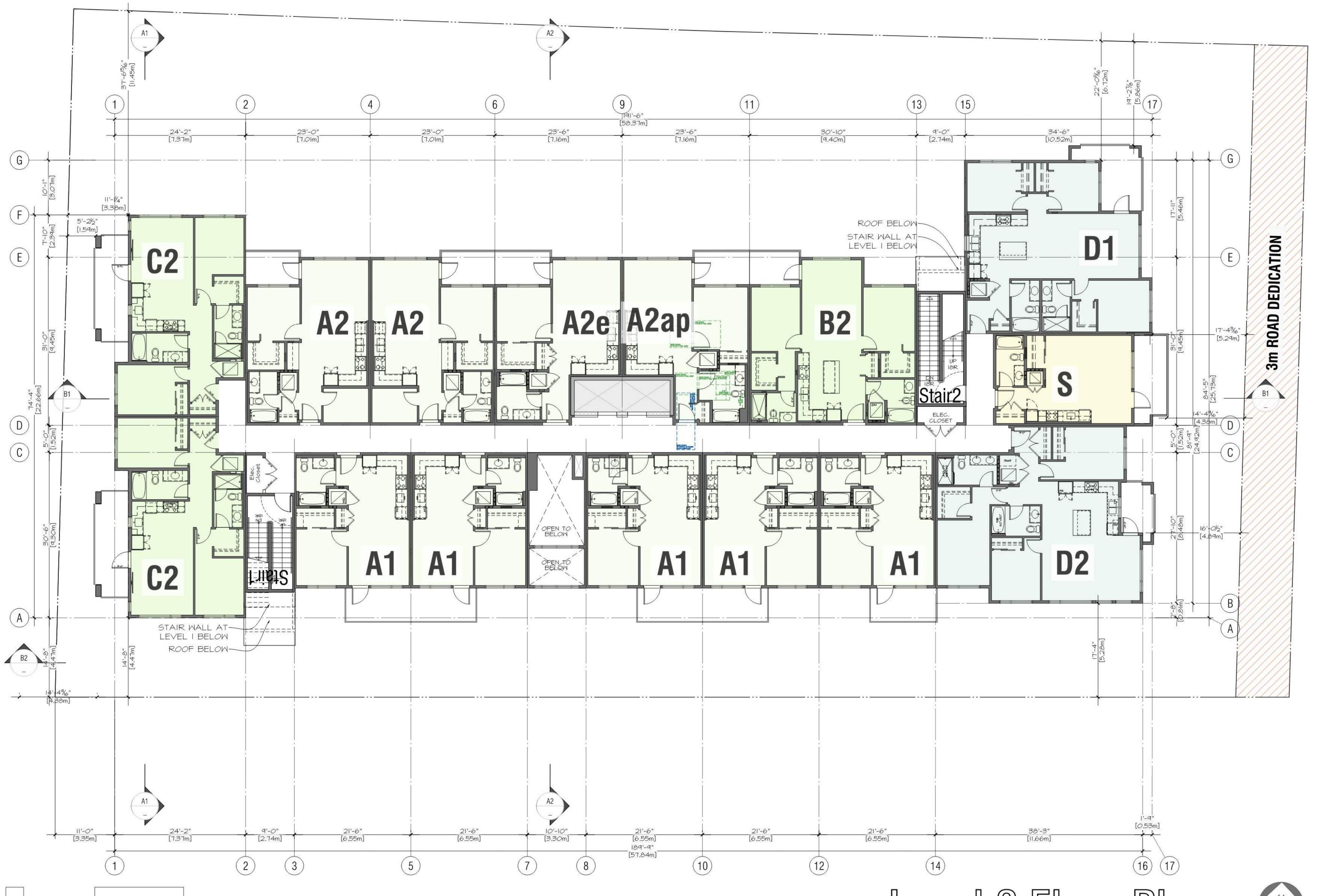
Aerial View of Proposed Building in Relation to Flanking Buildings













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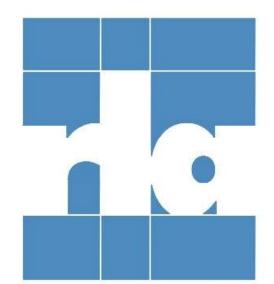


Typical Floor Plan Scale: 1:100 September 19, 2025

Level 2 Floor Plan







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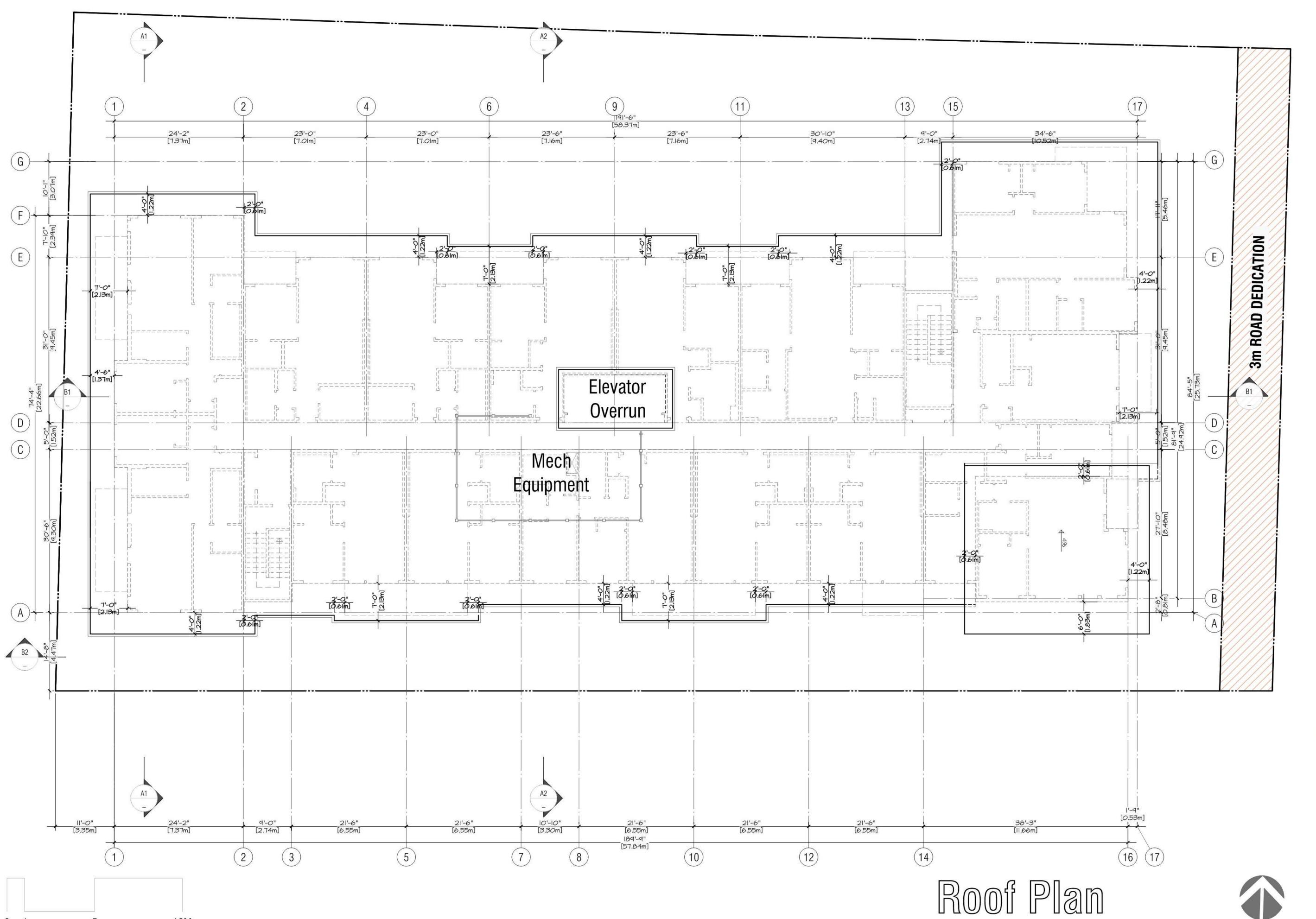
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Typical Floor Plan





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SCALE: 1:100

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Roof Plan Scale: 1:100 September 19, 2025

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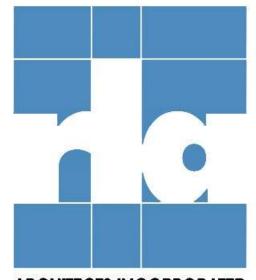
Material Legend

- 1 Roofing
 2- PLY SBS Roofing, Light Grey
- Fascia: Dark
 Fibre Cement
 B.C. HC-154 Hale Navy
- Soffit: Feature Wood
 Fibre Cement, Wood-like Colour
- Soffit: Typical Light Grey
 Fibre Cement
 B.M. HC-169 Conventry Grey
- Soffit: Typical Dark Grey Fibre Cement B.M. 2128-20 - Abyss
- 6 Panels: Dark Grey
 Fibre Cement Panels
 B.M. 2128-20 Abyss
- 7 Panels: Rust Red
 Fibre Cement Panels
 Woodtone: Rosewood
- 8 Ledgestone:
 Providence Ledgestone
- 9 Panels: Off White
 Fibre Cement Vertical Board & Batten
 B.M. OC-17 White Dove
- 10 Windows: Vinyl Dark
 Vinyl Window Frames, Charcoal Colour
- Windows: Curtain Wall
 Aluminum Frames, Charcoal Colour
- Metal Flashing: Feature

 Match Colour to Adjacent Material
- Privacy Screens & Guards
 Aluminum Frame & Glass Panel Guards and
 Privacy Screens, Charcoal Colour
- Metal Fence Charcoal Grey
 Aluminum Fence, Charcoal Colour
- Feature beams Charcoal Grey
 Fibre Cement Cladded
 B.M. 2128-20 Abyss
- Architectural Concrete
 Exposed Concrete (Painted At Parts of the Building Envelope)

Provide samples of all exterior colours & materials for review & approval

- Sunshades Charcoal Grey
 Aluminum Frame, Charcoal Colour
- Trims:Dark Grey
 B.M. HC-178 Charcoal Slate



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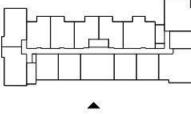
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TELUS (Wing



Elevations

Scale: 1:100 September 19, 2025

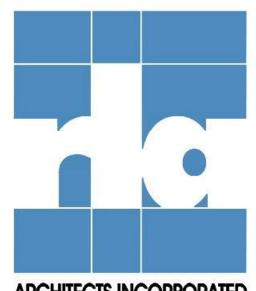


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C2 A2 A2 A2e A2ap B2 S
C2 A1 A1 B1 A1 A1 D2

or

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TELUS (iving



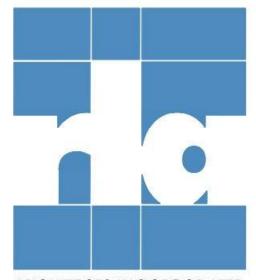
Elevations

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 Exposed Concrete (Painted At Parts of the Building Envelope)
- Sunshades Charcoal Grey
 Aluminum Frame, Charcoal Colour
- Trims:Dark Grey
 B.M. HC-178 Charcoal Slate





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Revisi

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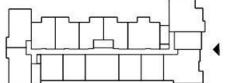
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October 25, 2024 Issued for CALUC Review

April 28, 2025 Issued for DP

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For

1908 FOUL BAY Multi-Unit Residential

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Elevations

Scale: 1:100 September 19, 2025

- 1 Roofing
 2- PLY SBS Roofing, Light Grey
- Fascia: Dark
 Fibre Cement
 B.C. HC-154 Hale Navy
- 3 Soffit: Feature Wood Fibre Cement, Wood-like Colour
- Soffit: Typical Light Grey
 Fibre Cement
 B.M. HC-169 Conventry Grey
- 5 Soffit: Typical Dark Grey Fibre Cement B.M. 2128-20 - Abyss
- 6 Panels: Dark Grey
 Fibre Cement Panels
 B.M. 2128-20 Abyss
- 7 Panels: Rust Red
 Fibre Cement Panels
 Woodtone: Rosewood
- 8 Ledgestone:
 Providence Ledgestone
- 9 Panels: Off White
 Fibre Cement Vertical Board & Batten
 B.M. OC-17 White Dove
- Vinyl Windows: Vinyl Dark
 Vinyl Window Frames, Charcoal Colour
- Windows: Curtain Wall
 Aluminum Frames, Charcoal Colour
- Metal Flashing: Feature

 Match Colour to Adjacent Material
- Privacy Screens & Guards
 Aluminum Frame & Glass Panel Guards and
 Privacy Screens, Charcoal Colour
- Metal Fence Charcoal Grey
 Aluminum Fence, Charcoal Colour
- Fibre Cement Cladded
 B.M. 2128-20 Abyss
- Architectural Concrete
 Exposed Concrete (Painted At Parts of the Building Envelope)
- Sunshades Charcoal Grey
 Aluminum Frame, Charcoal Colour
- Trims:Dark Grey
 B.M. HC-178 Charcoal Slate



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Revisions

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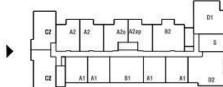
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October 25, 2024 Issued for CALUC Review

April 28, 2025 Issued for DP

September 19, 2025 Issued for DP Resubmission





or

1908 FOUL BAY Multi-Unit Residential





Elevations

Scale: 1:100 September 19, 2025







Roofing 2-Ply SBS Roofing Coloured Light Gray



Fibre Cement - Light Gray /Dark Gray B.M. HC 154 - Hale Navy Concealed Fasteners



Wood-like Fibre Cement Board 6" Exposure, Pacific Sands Fisher Coating Colour matched fasteners



from the dimensions and conditions on the drawing. Revisions September 11, 2024 Pre-Application City Review



Fibre Cement -Light Gray /Dark Gray B.M. HC-169 - Conventry Gray B.M. 2128-20 - Abyss Concealed Fasteners



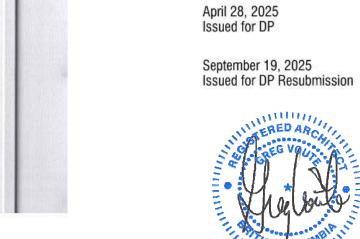
Panels Fibre Cement - Dark Gray -B.M. 2128-20 - Abyss Concealed Fasteners



Fibre Cement- Off White Vertical Board & Batten B.M. OC-17 - White Dove



Panels



Panels Fibre Cement - Rust Red Woodtone: Rosewood



Ledgestone Providence Ledgestone



Vinyl Windows High Performance Low-E Dark Coloured - Dark Charcoal Vinyl

1908 FOUL BAY Multi-Unit Residential

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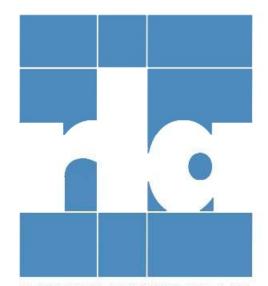
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Colour Material Board





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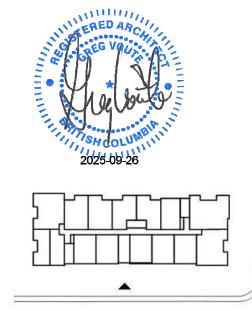
September 11, 2024 Pre-Application City Review

September 19, 2024 City Technical Review

October 25, 2024

Issued for CALUC Review
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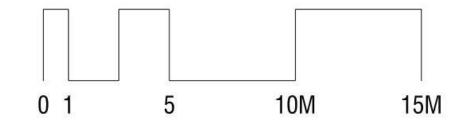
1908 FOUL BAY

Multi-Unit Residential





Scale: 1:150 September 19, 2025







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Revisions

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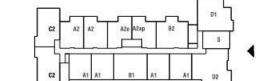
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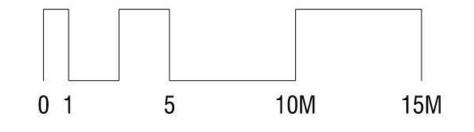
For

1908 FOUL BAY Multi-Unit Residential





Scale: 1:150 September 19, 2025

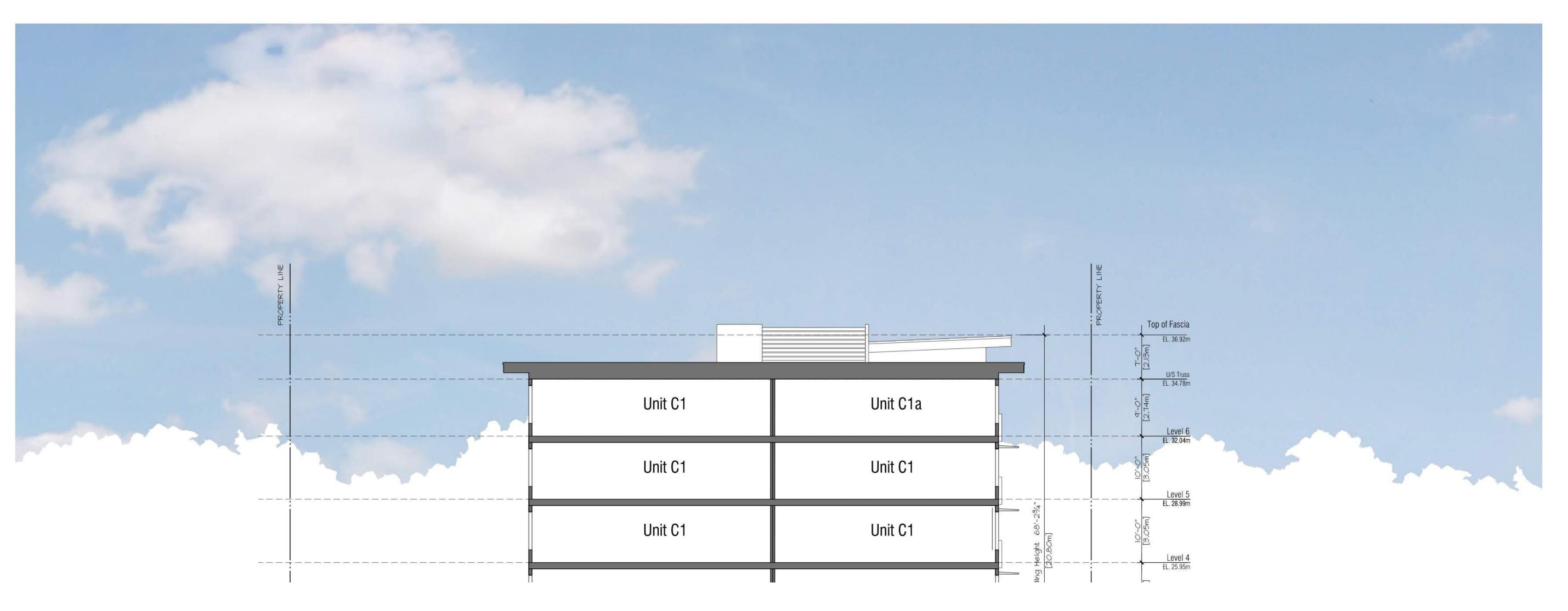


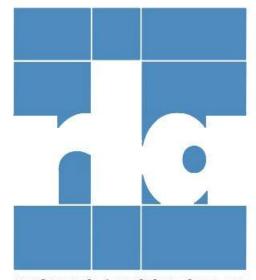


0 1 5 10M SCALE: 1:100

Section - B1

A-4.01





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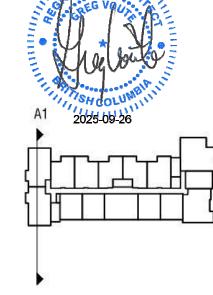
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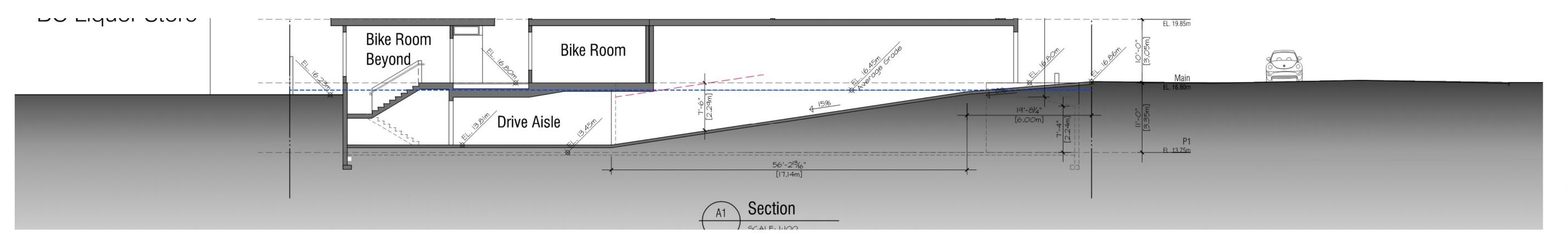


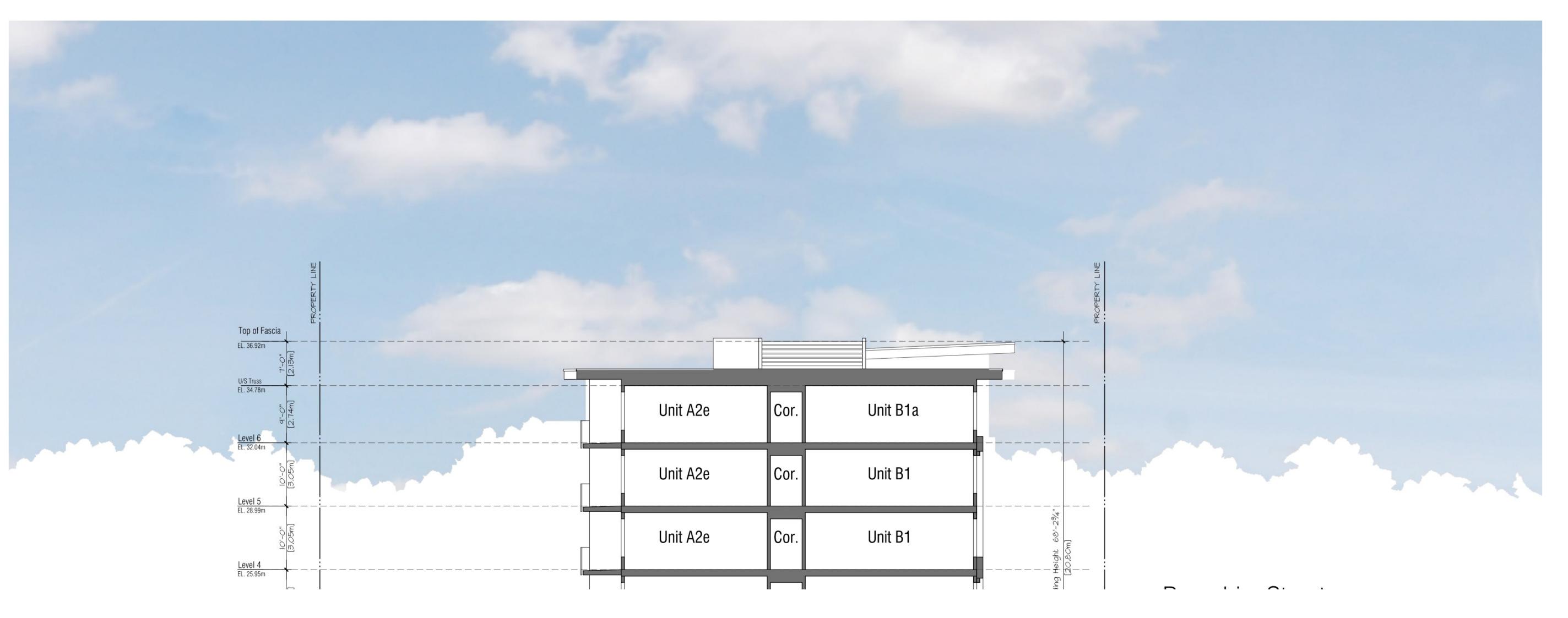
1908 FOUL BAY Multi-Unit Residential



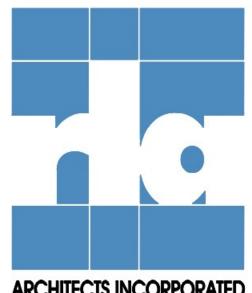


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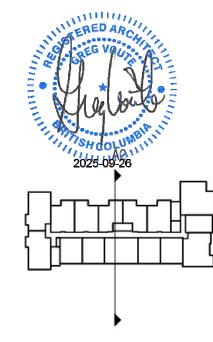
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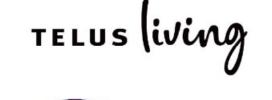
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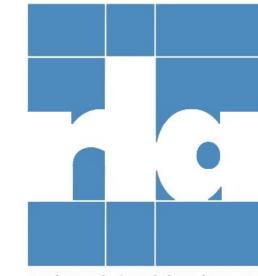
1908 FOUL BAY Multi-Unit Residential





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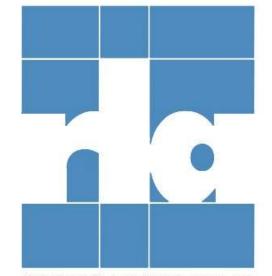
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Views





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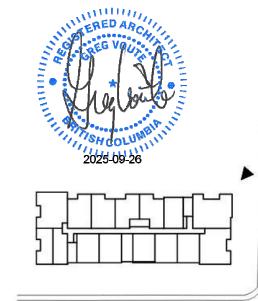
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Views





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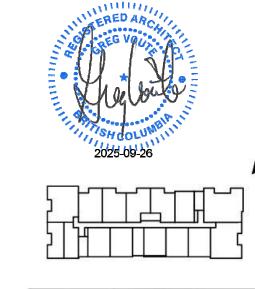
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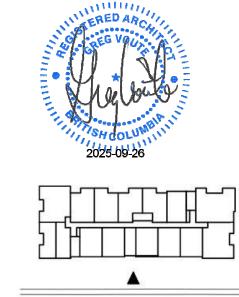
September 11, 2024 Pre-Application City Review

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April 28, 2025 Issued for DP

September 19, 2025 Issued for DP Resubmission



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Views

SPRING EQUINOX



March 21st, 9:00 A.M.

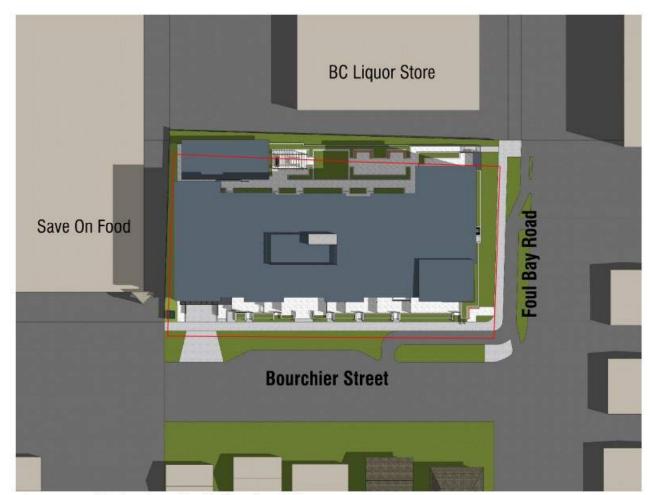


March 21st, 12:00 P.M.



March 21st, 3:00 P.M.

SUMMER SOLSTICE



June 21st, 9:00 A.M.



June 21st, 12:00 P.M.



June 21st, 3:00 P.M.

FALL EQUINOX



September 21st, 9:00 A.M.



September 21st, 12:00 P.M.



September 21st, 3:00 P.M.

WINTER SOLSTICE



December 21st, 9:00 A.M.



December 21st, 12:00 P.M.



December 21st, 3:00 P.M.



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September 11, 2024

Pre-Application City Review

September 19, 2024 City Technical Review

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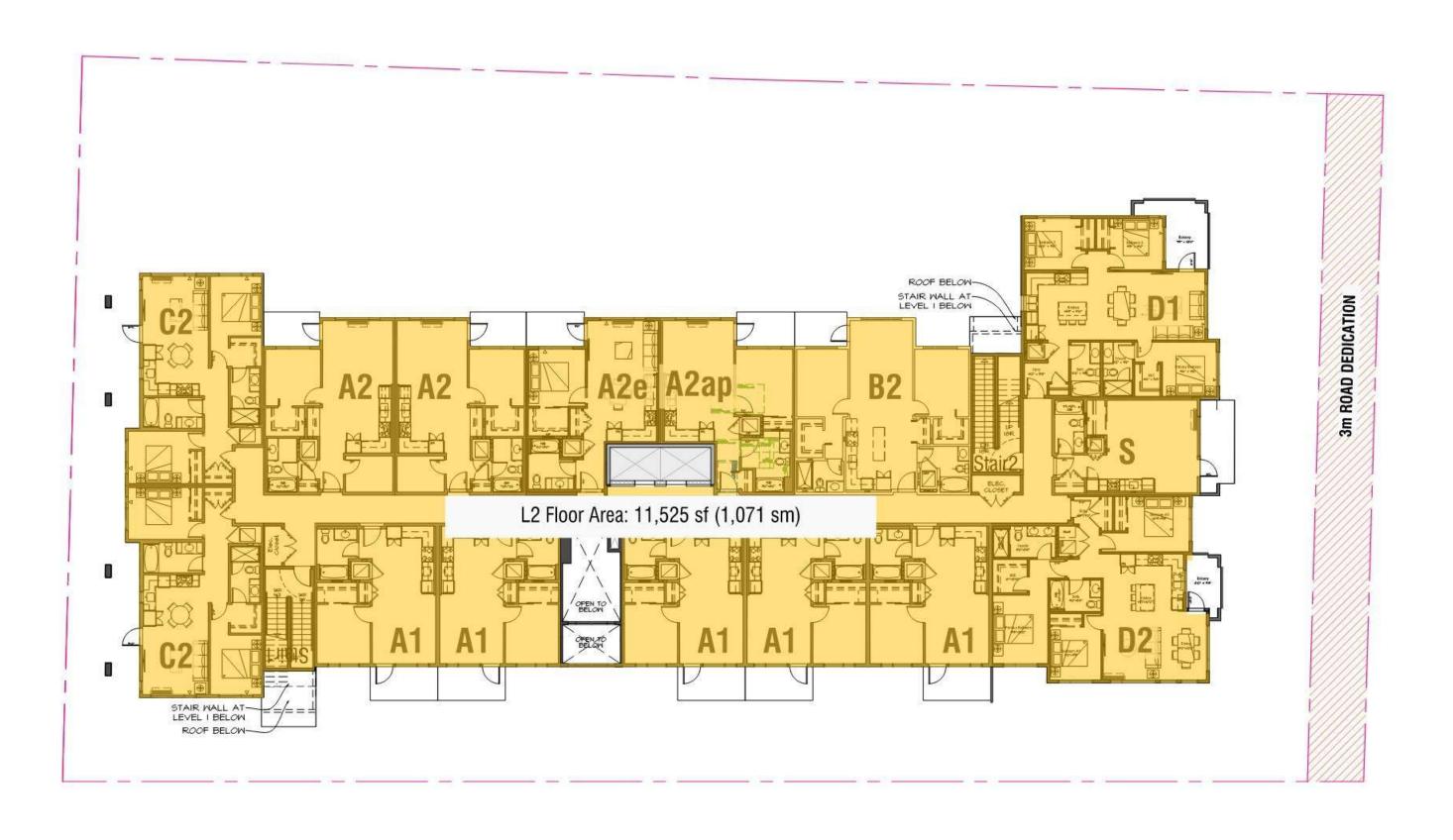
For

1908 FOUL BAY Multi-Unit Residential

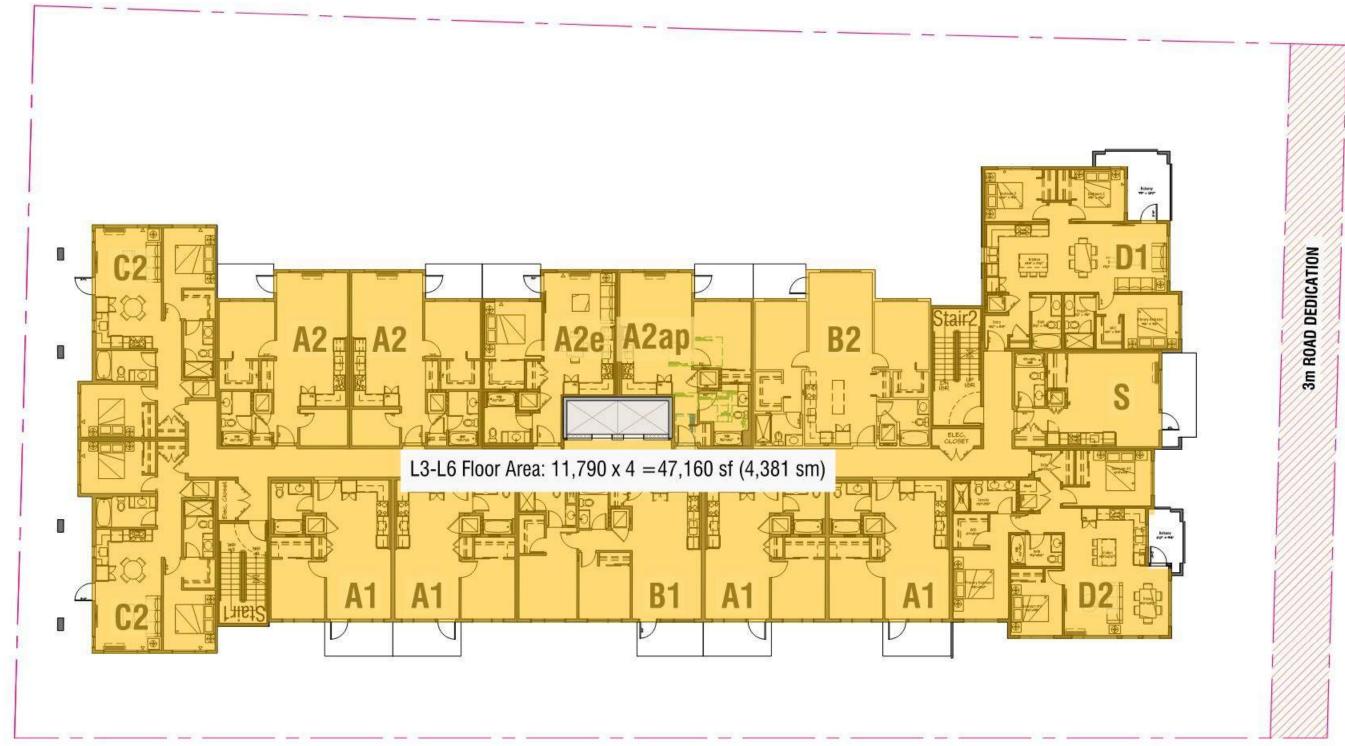




Shadow Study
Scale: N/A
September 19, 2025



Amenity





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TOTAL FLOOR AREA CALCULATION

	Main Floor	10,225 sf	950 sm	
	L2 Floor	11,525 sf	1,071 sm	
	L3-L6 Floor	47,160 sf	4,381 sm	
31	Total	68,910 sf	6,402 sm	

DEFINITIONS (from City of Victoria Zoning Bylaw)

"Area" when used in reference to a floor of a storey of a building means the entire area which in plan is enclosed by the interior face of the exterior walls of the storey at floor level plus the area enclosed by any cantilevered element that is within that storey and that is above floor level, but does not include of the following areas:

- a) the area used or intended to be used for required parking or movement of motor vehicles, as set out in this bylaw, which is calculated starting from the lowest level of the building;
- b) the area used or intended to be used for required Bicycle Parking, Long-Term, as set out in this bylaw, which is calculated starting from the lowest level of the building;
- c) the area or areas of balconies, exposed decks, patios or roofs; and
- d) the area of elevator shafts.

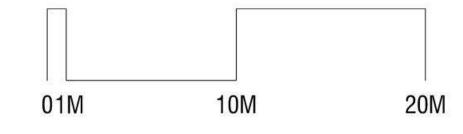
"Total Floor Area" means the sum of the areas of all floors of a building or buildings, excluding floor space under a ceiling which is less than 1.8m above grade.

1908 FOUL BAY Multi-Unit Residential

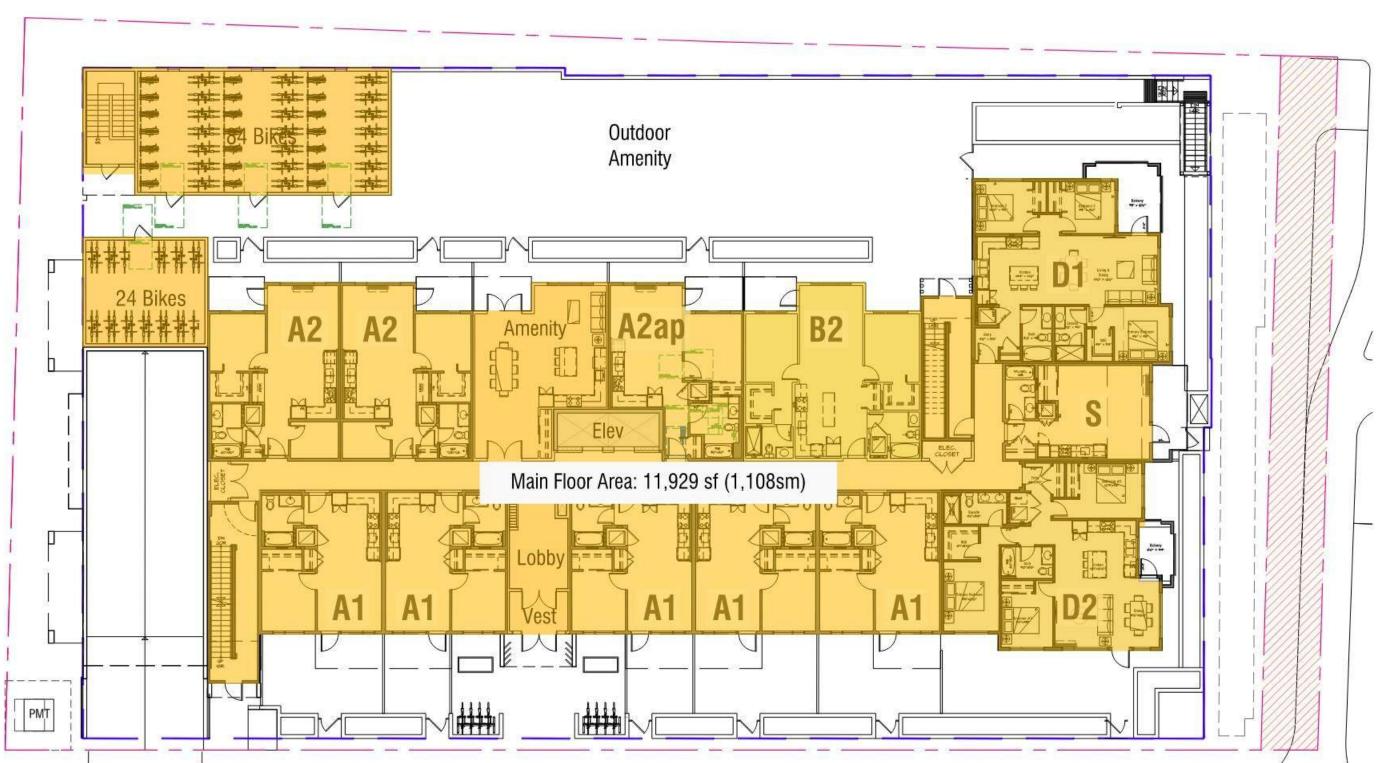




Key Plan - Area Calculations Scale: 1:100 September 19, 2025





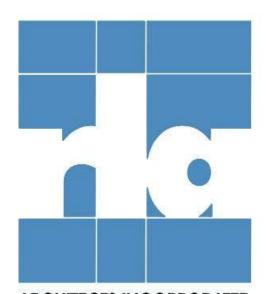


SITE COVERAGE CALCULATION

Structure Area (Excl. Parkade) Lot Area Structure Area 28,105 sf 2,611 sm 22,792 sf 2,117 sm 11,929 sf 1,108 sm 81% 42% Site Coverage

DEFINITIONS (from City of Victoria Zoning Bylaw)

"Site Coverage" means the percentage of the area of a lot which is occupied by any structure.



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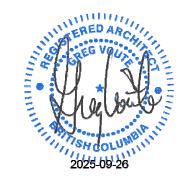
September 11, 2024 Pre-Application City Review

September 19, 2024 City Technical Review

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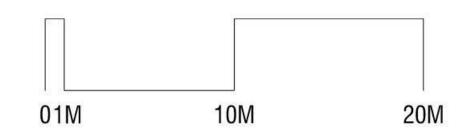


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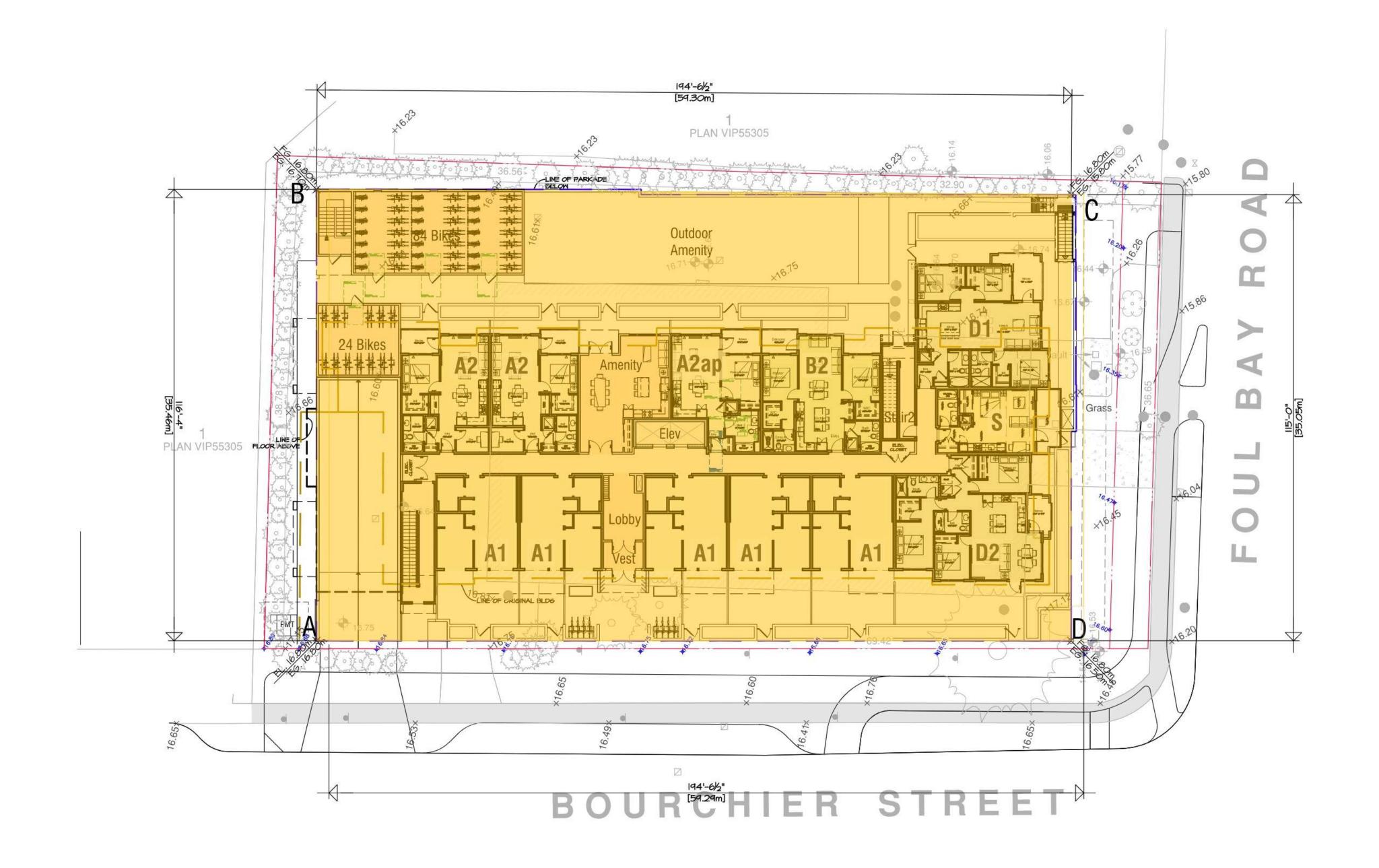




Key Plan - Site Coverage Scale: 1:200 September 19, 2025







Average Grade Calculation

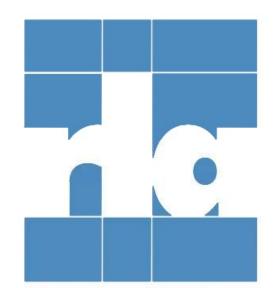
Wall Section	Average G	Average Grade			ength	
A-B	(16.80 + 16.70)/2	16.75	X	35.46	m =	594
B-C	(16.70 + 15.80)/2	16.25	X	59.30	m =	964
C-D	(15.80 + 16.50)/2	16.15	X	35.05	m =	566
D-A	(16.50 + 16.80)/2	16.65	Х	59.29	m =	987
Total				189.1	m	3,111

Average Grade Total height / Total Perimeter length

3,111 / 189 = 16.45 m

DEFINITIONS (from City of Victoria Zoning Bylaw)

"Grade" means the elevation calculated by averaging the elevation of natural grade or finished grade, whichever is lower at any points at which any part of a building comes into contact with the surface of a lot, excluding any artificial mounds of earth or rocks placed at or near the wall of a building, and excluding the minimum window well width and depth required by the *British Columbia Building Code*.



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September 11, 2024 Pre-Application City Review

September 19, 2024 City Technical Review

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April 28, 2025 Issued for DP

September 19, 2025 Issued for DP Resubmission



For

1908 FOUL BAY Multi-Unit Residential





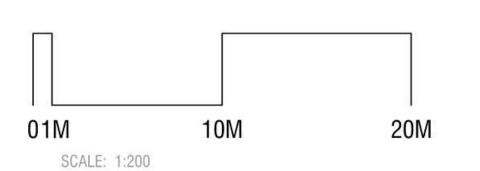
Average Grade Overlay

Scale: 1:200 September 19, 2025



Average Grade Overlay

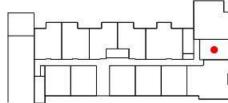
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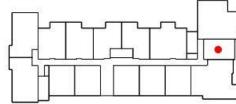
Unit S - Studio 1 Bed + 1 Bath 434 sf

6 Units Total (6 of 87)

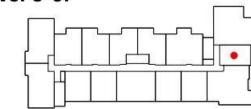


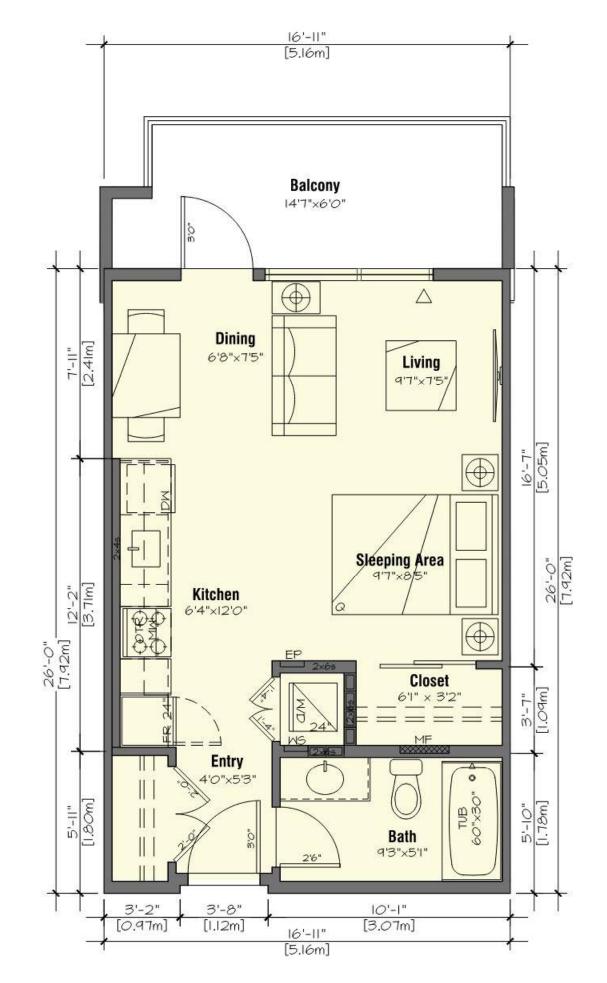


Level 2:



Level 3-6:



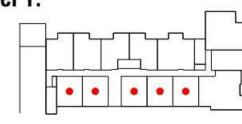


A1 - 1 Bedroom

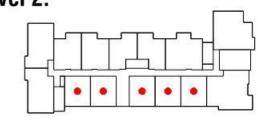
1 Bed + 1 Bath 530 sf

26 Units Total (26 of 87)

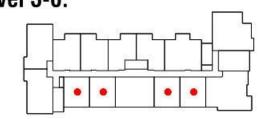
Level 1:

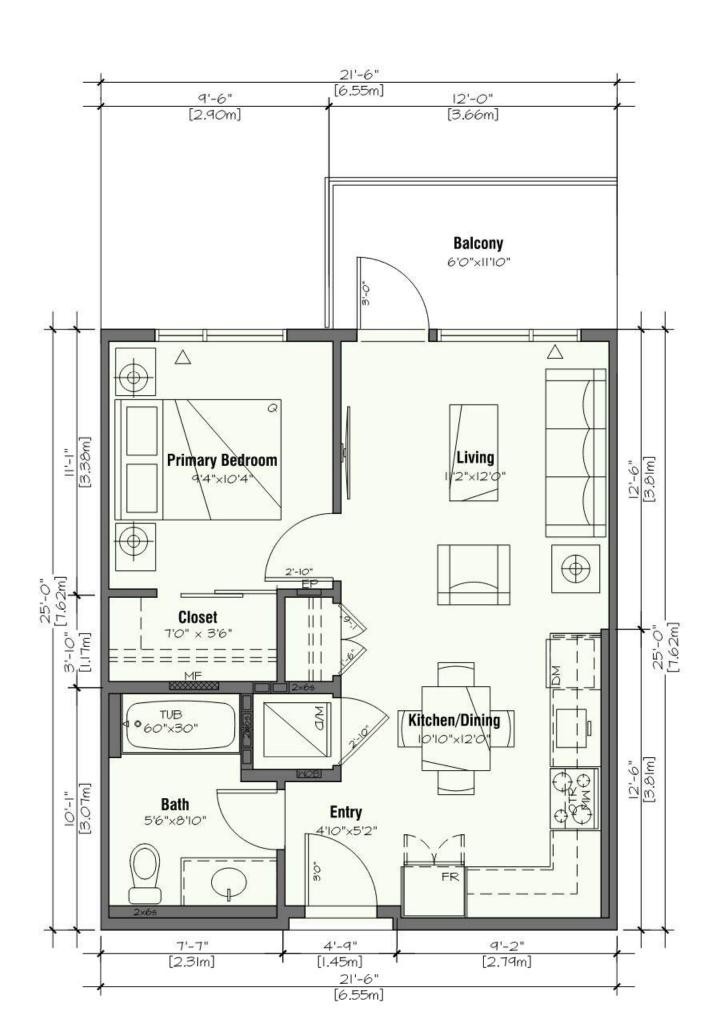


Level 2:



Level 3-6:







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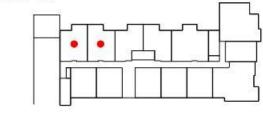


A2 - 1 Bedroom + Flex

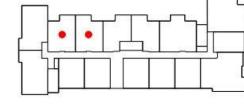
1 Bed + 1 Bath 656 sf

12 Units Total (12 of 87)

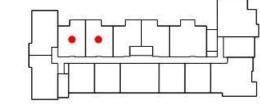
Level 1:

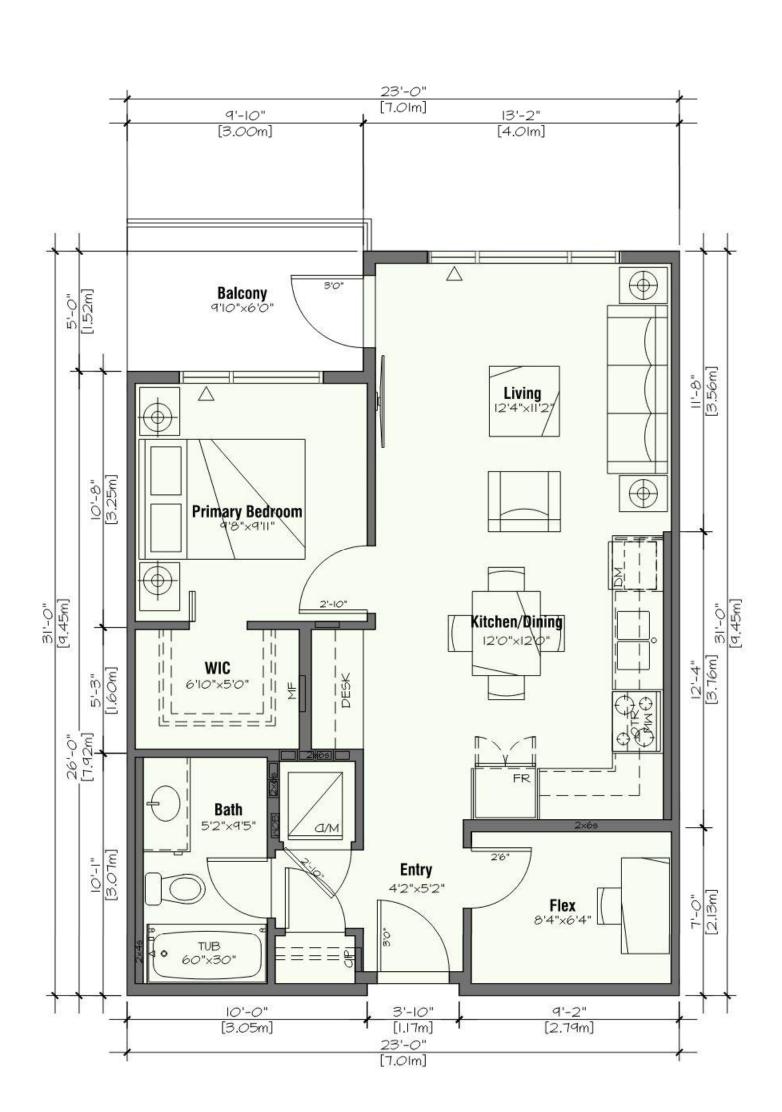


Level 2:



Level 3-6:





f

Project

1908 FOUL BAY Multi-Unit Residential





Unit Plans

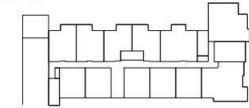
Scale: 1/4" = 1' - 0" September 19, 2025

A-8.01

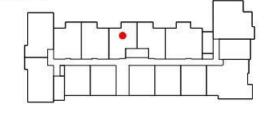
A2e - 1 Bedroom 1 Bed + 1 Bath 581 sf

5 Units Total (5 of 87)

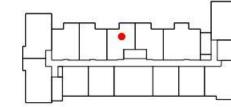
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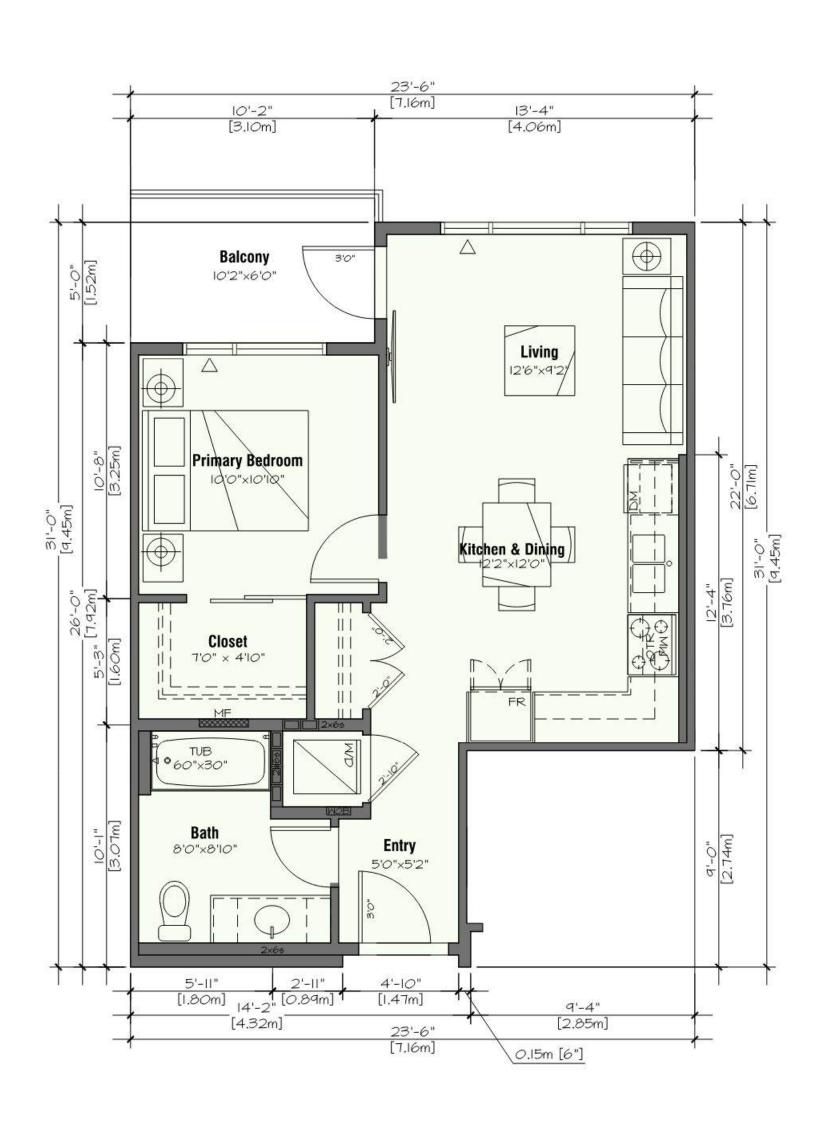


Level 2:



Level 3-6:





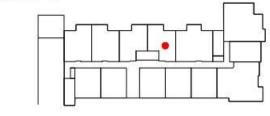
A2ap - 1 Bedroom

1 Bed + 1 Bath 581 sf

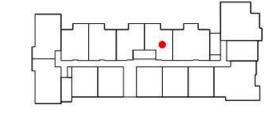
Adaptable Units (2018 Compliance)

5 Unit Total (6 of 87)

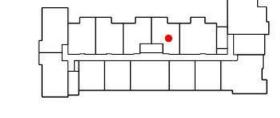
Level 1:



Level 2:



Level 3-6:







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For

Project

1908 FOUL BAY Multi-Unit Residential





Unit Plans

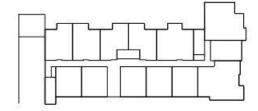
Scale: 1/4" = 1' - 0" September 19, 2025

B1 - 2 Bedroom

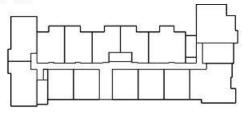
2 Bed + 2 Bath 798 sf

4 Units Total (4 of 87)

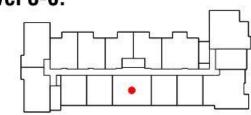
Level 1:



Level 2:



Level 3-6:

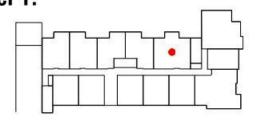


B2 - 2 Bedroom Unit 2 Bed + 2 Bath

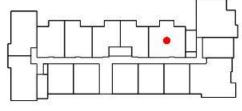
6 Units Total (6 of 87)

Level 1:

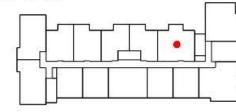
852 sf

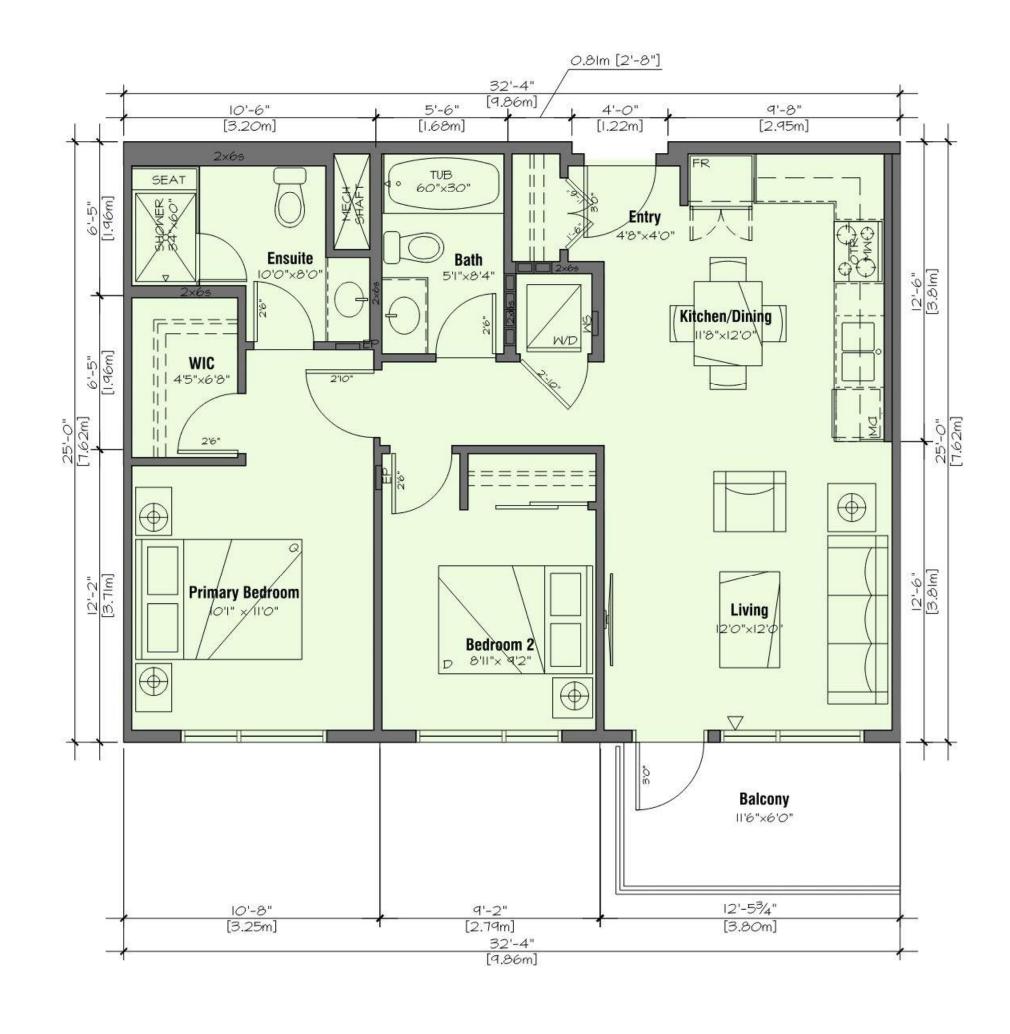


Level 2:



Level 3-6:

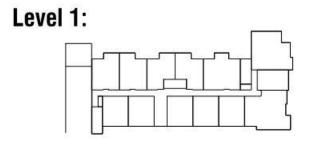


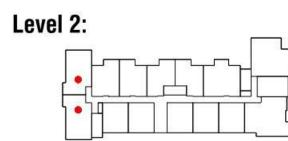


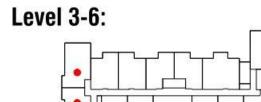
30'-10" [9,48m] [3.66m] 9'-2" [2.79m] 9'-8" [2.95m] Balcony 9'2"x6'0" Living Master Bedroom Bedroom 2 Dining || WIC || 6'3"×4'6" WIC 4'7"×6'10" Kitchen REC. Bath 51"x8"0"

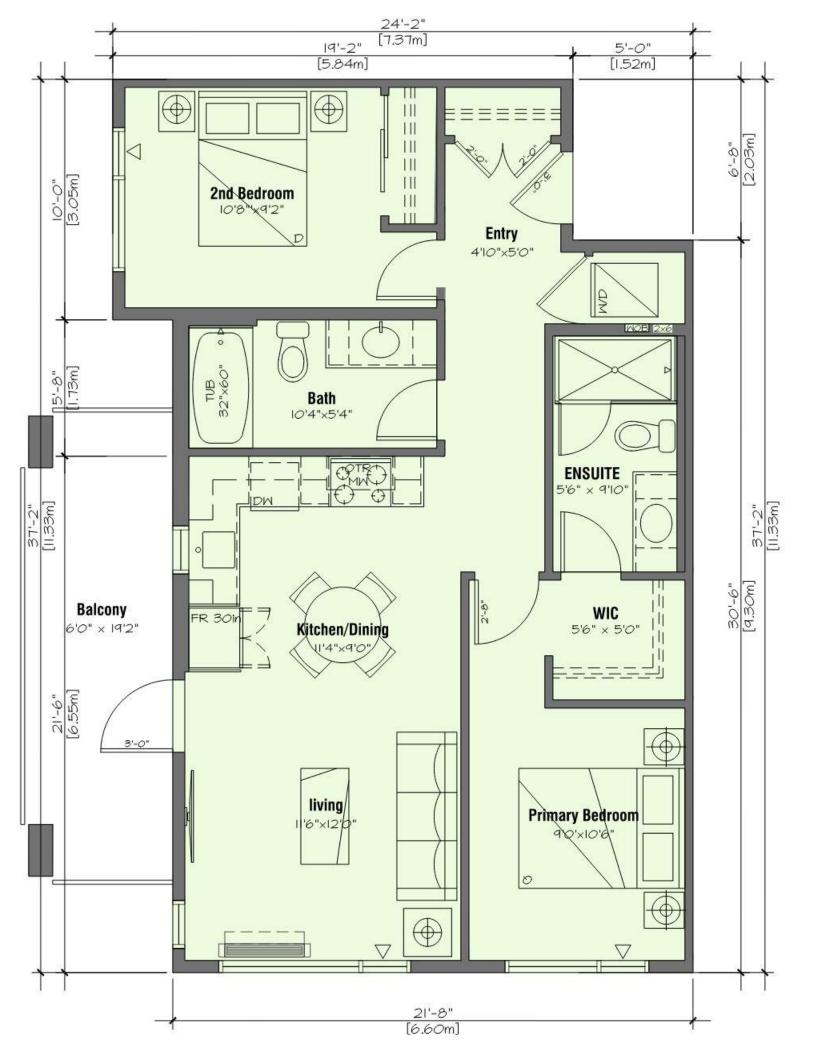
C2 - 2 Bedroom Corner Unit 2 Bed + 2 Bath 797 sf

6 Units Total (10 of 87)











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For

Project

1908 FOUL BAY Multi-Unit Residential





Unit Plans

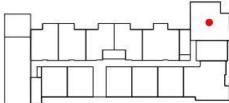
Scale: 1/4" = 1' - 0" September 19, 2025

D1 - 3 Bedroom Corner Unit

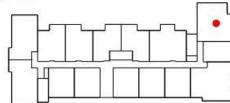
3 Bed + 2 Bath 991 sf

8 Units Total (6 of 87)

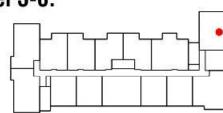




Level 2:



Level 3-6:

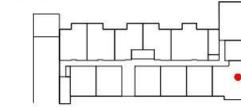


D2 - 3 Bedroom Corner Unit

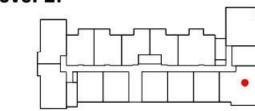
3 Bed + 2 Bath 1090 sf

8 Units Total (6 of 87)

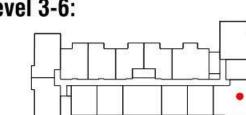




Level 2:

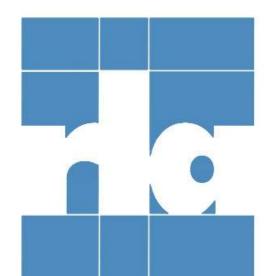


Level 3-6:









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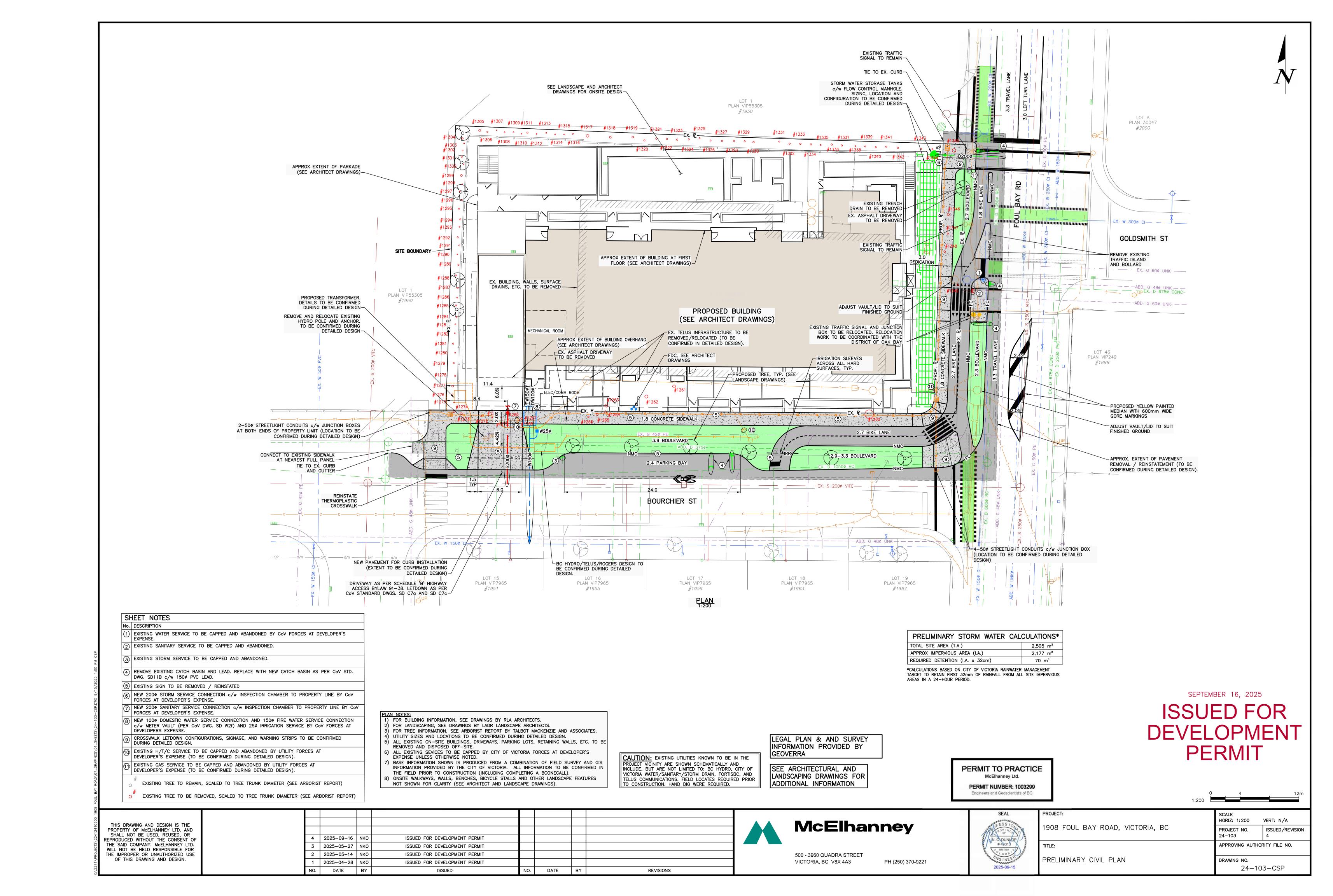
1908 FOUL BAY Multi-Unit Residential





Unit Plans

Scale: 1/4" = 1' - 0" September 19, 2025

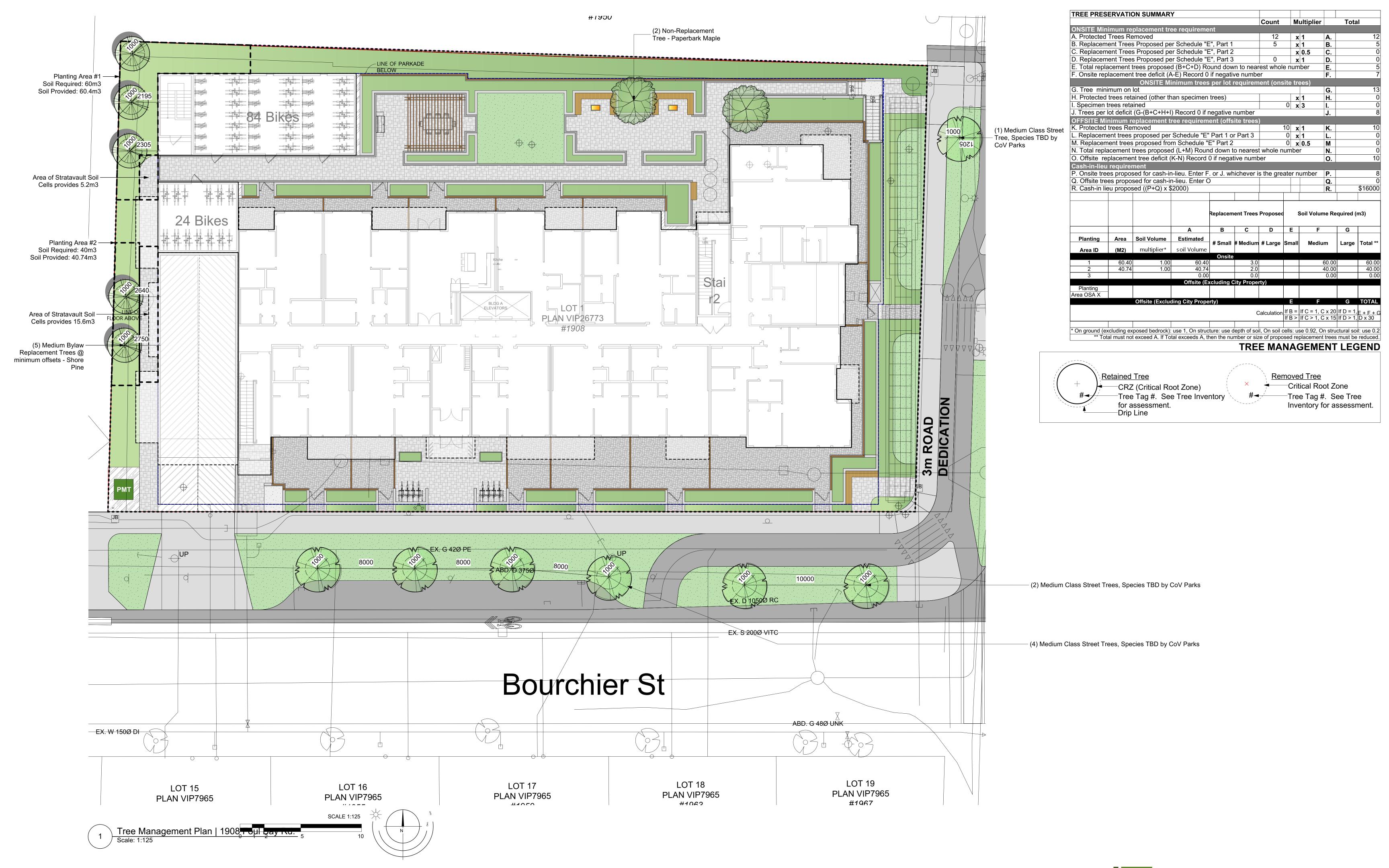




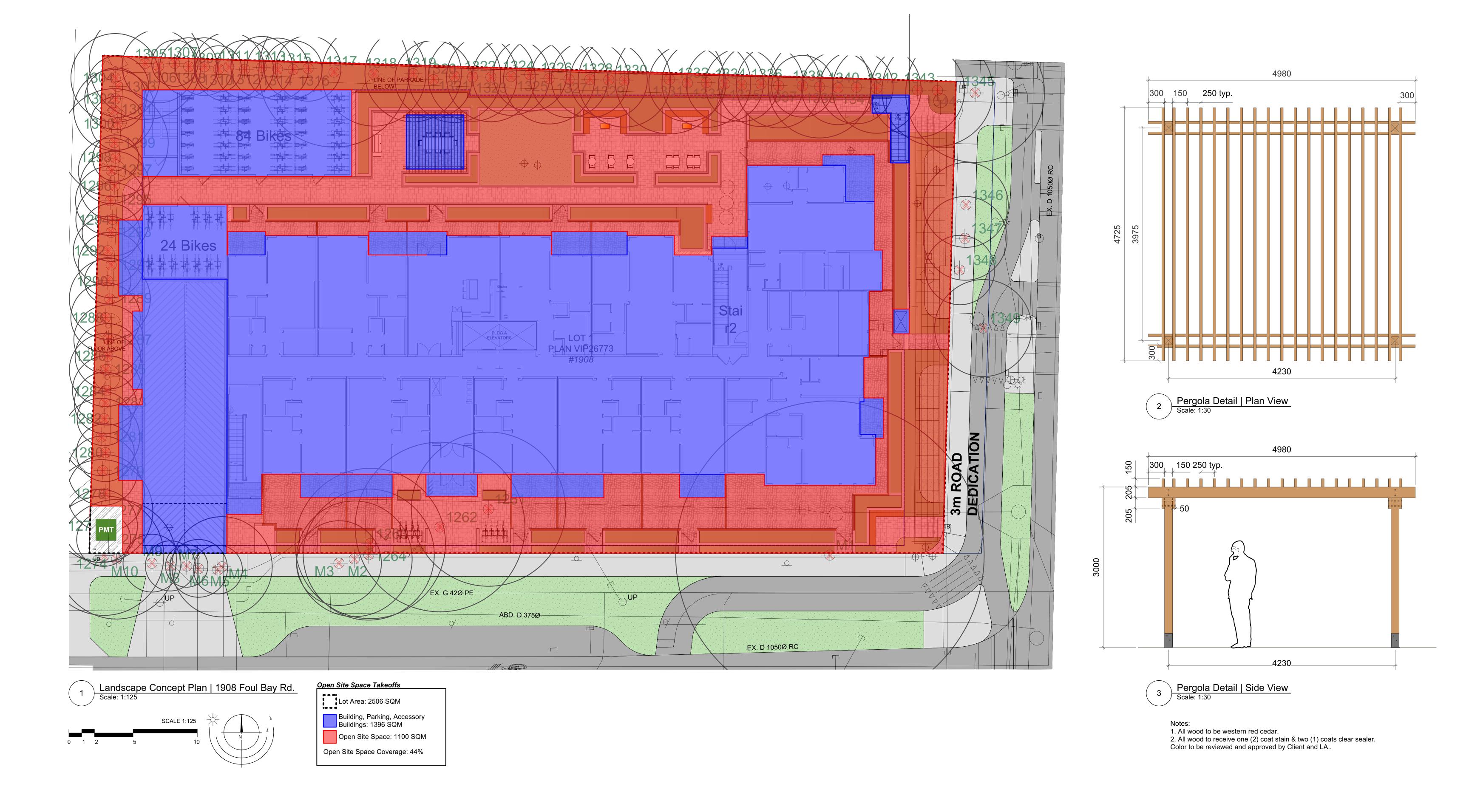
Landscape Concept Plan | 1908 Foul Bay Rd.

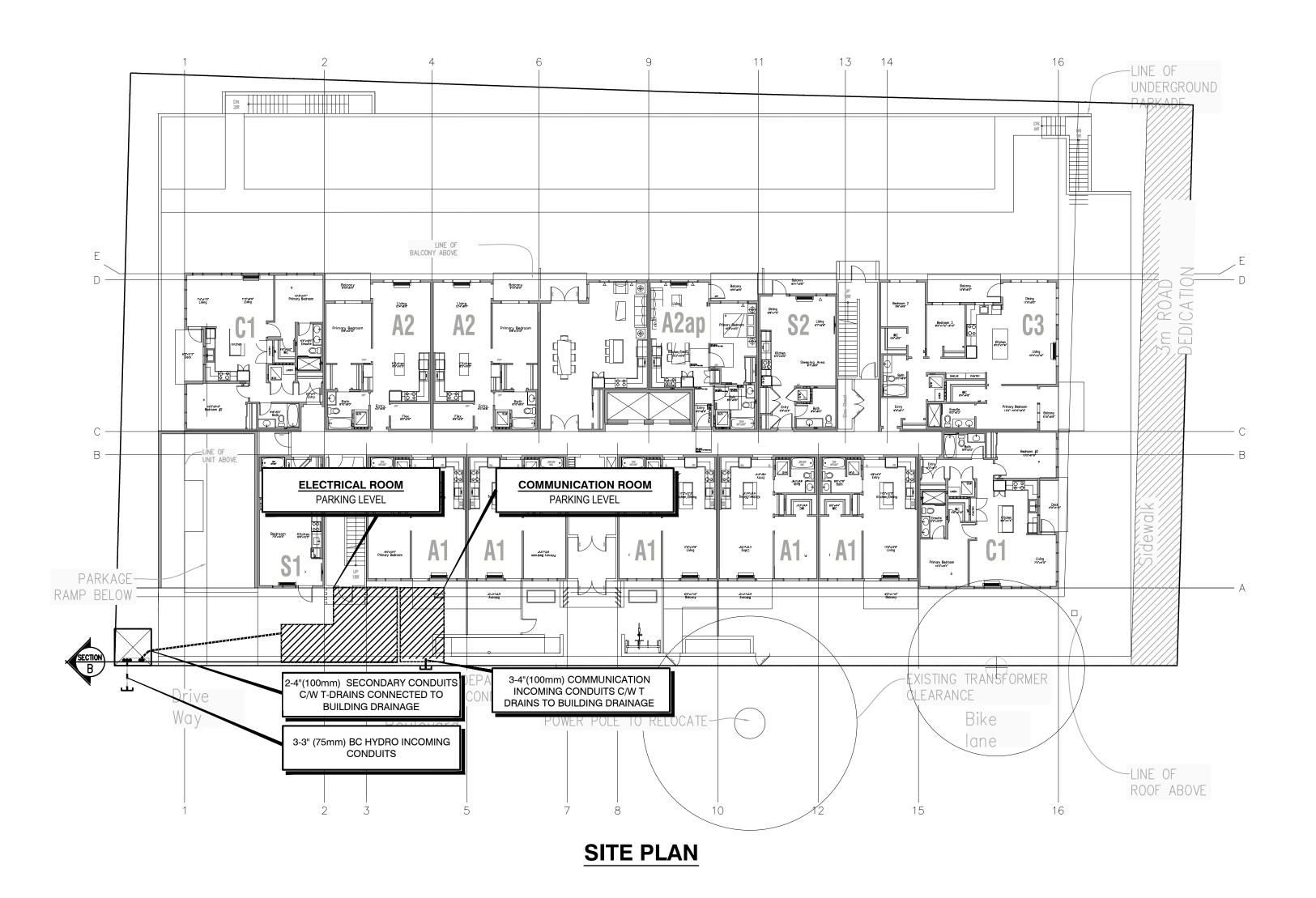


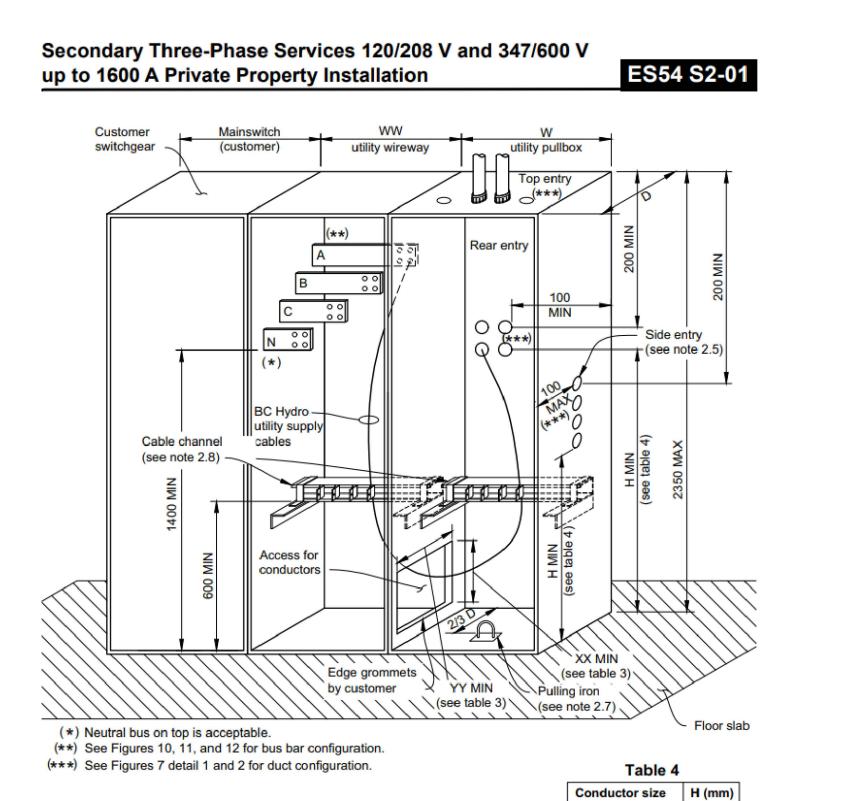
Project No: 2423 10-03-2024



Surveyed? (On,	ed, protected	Sommon B. t. in its answer	Root Zone Radius	Dripline s radius	valib.	Retention Suitability (onsite Relativ		Tree Retention/Lo			Location (On, Off, rveyed? Shared,	Bylaw protected (Yes (No.)	;	Root Zone Dripline Radius radius	Condition	Suita (on:	ention ability nsite Relative		Tree Retention/Location		Locat (On, (off, Bylaw d, protected	Comment	2 otorio d		Root Zone Driplii Radius radius	ne s		bility site Relative		Tree Retention/Location
	icipal M (Common Botanical Giant Sequoiadendro gequoia giganteum	DBH(cm) Ht (m) (m) 120 20 12	(m) Hea		l trees) toleran	Hydro clearance pruned to on South side of crown - fr		r impacted by Refacilitate the			(Yes/No) Common Botanical No Douglas-fir Pseudotsuga menziesii						Remarks Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the		Yes On		Douglas-fir					Structural tree Poor Condit		Personants Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate t
							historic building clearance pruning, some surface roo	ot of municipal frontage	kely due to	1291 Ye	s On	No Douglas-fir Pseudotsuga menziesii	17 10 :	2.55 2	Fair Po	oor Condi	litional Poor	tipping location. Topped historically at 3M above grade - not maintained - weakly	underground parking Likely significantly impacted by the excavation to facilitate the	Remove											underground parking
							and soil compaction, existi manhole within North side CRZ - 2.5m from root colla existing building foundation	of install the propose ar, and municipal sid	ed bike lane ewalk would	1292 Ye	s On	No Douglas-fir Pseudotsuga	18 10 :	2.7 2	Fair Po	oor Condi	litional Poor	attachment leaders arise near tipping location. Topped historically at 3M above grade - not maintained - weakly	underground parking Likely significantly impacted by	Remove 1315	Yes On	No	Douglas fir	Peaudoteura 15	10	25 3	Fair	Poor Condit	tional Poor	Topped historically at 3M above	Likely cignificantly impacted
			40 20 6				within. Roth side of CRZ - from root collar, elevation increases to the North.	4m structure of the caresult in more that removal.	nopy and may n 25% canopy	1293 Ye	s On	No Douglas-fir Pseudotsuga	15 10	2.25 2	Fair Po	oor Condi	litional Poor	attachment leaders arise near	construction of the onsite underground parking	Remove	res Oii	INO		menziesii		2.25	Fall	Fooi Condit	uonai Fooi	grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate t
Yes On	Yes	Oouglas-fir Pseudotsuga menziesii	40 20 6	5 Go	ood Fair/poor	r Unsuitable Poor	Asymmetric crown on Nort due to historic building clearance pruning, heavily surface rooted on South si	the excavation to construction of the	facilitate the e onsite	emove 1294 Ye	C C C	No Douglas-fir Pseudotsuga	10 10	2.05	Fair Po	oor Condi	litional Poor		construction of the onsite underground parking	Pamaya											
							appears to have been topp historically - deflected cent leader at 20m above grade	ped tral e.				No Douglas-fir Pseudotsuga menziesii	19 10 .	2.85 2	Fair Po	oor Condi	nuonai Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate the	1316	Yes On	No	Douglas-fir	Oseudotsuga 17	10 2	2.55 3	Fair	Poor Condit	tional Poor	Topped historically at 3M above grade - not maintained - weakly	
Yes On	Yes	Douglas-fir Pseudotsuga menziesii	44 20 6.6	5 Po	por Fair/poor	r Unsuitable Poor	Asymmetric crown on Nort due to historic building clearance pruning, heavily surface rooted on South si	the excavation to construction of the	facilitate the e onsite	emove 1295 Ye	s On	No Douglas-fir Pseudotsuga menziesii	18 10	2.7 2	Dead De	ead Condi	litional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near		Remove				TION ZIESTI						attachment leaders arise near	
							appears to have been topp historically - deflected cent leader at 20m above grade	ped tral	ing	1296 Ye	s On	No Douglas-fir Pseudotsuga menziesii	18 10	2.7 2	Poor Po	oor Condi	litional Poor	tipping location. Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the	Remove											
Voc On	Yes	Douglas-fir Pseudotsuga	39 20 5.85	5 Eai	ir/noor Fair/noor	r Conditional Poor	Declining health - sparse for in upper canopy - heavy concept - branch and twig diel Codominant stems form at	one back.	impacted by	1297 Ye	s On	No Douglas-fir Pseudotsuga menziesii	17 10 :	2.55 2	Fair Po	oor Condi	litional Poor	tipping location. Topped historically at 3M above grade - not maintained - weakly	underground parking Likely significantly impacted by the excavation to facilitate the	Remove 1317	Yes On		I	Thuja plicata 39 excelsa'	10 !	5.85 3	Fair	Poor Condit	tional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate t
res Oil	les	menziesii	30 20 3.03	3 Tai	ii/pooi	Conditional	above grade - included bar not active, asymmetric cro	rk - the excavation to	facilitate the e onsite	1298 Ye	s On	No Douglas-fir Pseudotsuga menziesii	12 10	1.8 2	Poor Po	oor Condi	litional Poor	attachment leaders arise near tipping location. Topped historically at 3M above grade - not maintained - weakly	underground parking Likely significantly impacted by	Remove 1318	Yes On	No I		Thuja plicata 27 excelsa'	10	4.05 3	Poor	Poor Condit	tional Poor	Topped historically at 4m above grade - not maintained - weakly	the excavation to facilitate t
							building clearance pruning heavily surface rooted on side, appears to have been topped historically - deflect	South en		1299 Ye	s On	No Douglas-fir Pseudotsuga	28 10		Poor Po	oor Condi	litional Poor	attachment leaders arise near tipping location. Topped historically at 3M above	construction of the onsite underground parking Likely significantly impacted by	Remove										attachment leaders arise near tipping location, declining heath - chlorotic foliage - branch dieback, basal decay.	
							central leader at 20m abov grade. Declining health - s foliage in upper canopy - h	ve sparse		1300 Ye	s On	No Douglas-fir Pseudotsuga	14 10	21 2	Fair Po	oor Condi	litional Poor	grade - not maintained - weakly attachment leaders arise near tipping location. Topped historically at 3M above	construction of the onsite underground parking	1319 Remove	Yes On		I	Thuja plicata 25 excelsa'	10 3	3.75 3	Fair	Poor Condit	tional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate t construction of the onsite
Yes On-	M Yes [Douglas-fir Pseudotsuga menziesii	34 20 5.1	5 Fai	ir Fair/poor	Conditional Poor	asymmetric crown on Nort due to shading, appears to		facilitate the e onsite	emove		menziesii			T GIII	ooi ooiidi	internal 1 oct	grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the	1320	Yes On	No	-	Pseudotsuga 20 menziesii 20	10	3 3	Fair	Poor Condit	tional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate t
Yes Mun	icipal M [Douglas-fir Pseudotsuga	30 15 4.5	4 Fai	ir Fair/poor	r Poor	deflected ce teal leader at above grade. Suppressed by 1264 -			1301 Ye	s On	No Douglas-fir Pseudotsuga menziesii	21 10	3.15 2	Fair Po	oor Condi	litional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate the	Remove 1321	Yes On			Thuja plicata 24 excelsa'	10 3	3.6 3	Fair	Poor Condit	tional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly	underground parking Likely significantly impacted the excavation to facilitate t
		menziesii				Section (Association)	due to shading - poor trunk	t side the excavation to construction of the underground park	e onsite	1302 Ye	s On	No Douglas-fir Pseudotsuga menziesii	16 10 :	2.4 2	Fair Po	oor Condi	litional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacted by the excavation to facilitate the construction of the onsite	Remove 1322	Yes On	No		Thuja plicata 23 excelsa'	10 3	3.45 3	Fair	Poor Condit	tional Poor	attachment leaders arise near tipping location. Topped historically at 4m above grade - not maintained - weakly	underground parking Likely significantly impacted
Yes Mun	icipal M [Douglas-fir Pseudotsuga menziesii	22 7 3.3	4 Fai	ir Poor	Poor	grade - deflected central le	eader. Dr Likely significantly		emove 1303 Ye	s On	No Douglas-fir Pseudotsuga menziesii	16 10	2.4 2	Poor Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly	the excavation to facilitate the	Remove 1323	Yes On	No			10	3.45 3	Fair	Poor Condi	itional Poor	attachment leaders arise near tipping location. Topped historically at 4m above	construction of the onsite underground parking
,		Douglas-fir Pseudotsuga	200	2	in David	Bass	above grade - deflected ce leader.	t 5m construction of the underground park	ing	1304 Ye	s On	No Douglas-fir Pseudotsuga menziesii	23 10	3.45 3	Poor Po	oor Condi	ditional Poor	attachment leaders arise near tipping location. Topped historically at 3M above grade - not maintained - weakly	underground parking Likely significantly impacted by	Remove	Yes On			excelsa' Thuja plicata 20	40	2	F-16	Dana Candida	Transl Breez	grade - not maintained - weakly attachment leaders arise near tipping location.	construction of the onsite underground parking
res Mun	ісіраі м і	Pseudotsuga menziesii	26 3 3.9	Z Fai	iir Poor	Poor	grade - upright leaders beginning to regenerate, covered in clematis vine.	above Likely significantly the excavation to construction of the underground park	facilitate the e onsite	emove								attachment leaders arise near	construction of the onsite underground parking. Also, Observed with poor structure	1324	res On		cedar	'excelsa'	10	3	Fair	Poor Condi	dional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate
es Mun	icipal M I	Douglas-fir Pseudotsuga menziesii	13 3 1.95	2 Fai	ir Poor	Poor	grade - upright leaders beginning to regenerate,	above Likely significantly the excavation to construction of the	r impacted by Refacilitate the e onsite	emove 1305 Ye	s On	No Douglas-fir Pseudotsuga menziesii	29 10	4.35 3	Fair P	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the	Remove 1325	Yes On			Thuja plicata 19 excelsa'	10	2.85 3	Fair	Poor Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate to construction of the onsite
'es Mun	icipal M [Douglas-fir Pseudotsuga menziesii	15 3 2.25	2 Fai	ir Poor	Poor	Topped historically at 3M a grade - upright leaders beginning to regenerate,	above Likely significantly the excavation to construction of the	r impacted by Refacilitate the	emove								tipping location.	underground parking	1326	Yes On			Thuja plicata 11,1 'excelsa'	7 10 :	3.54 3	Fair	Poor Condi	itional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate
res Mun	icipal M [Douglas-fir Pseudotsuga menziesii	11 3 1.65	2 Fai	ir Poor	Poor	Covered in clematis vine. Topped historically at 3M a grade - upright leaders	above Likely significantly the excavation to	r impacted by Refacilitate the		0.00	No Douglas-fir Pseudotsuga	40 40	2.05	Foir D	lans Condi	ditional Door	Topped historically at 2M above	Likeh significanth imported by	1327	Yes On	No	Excelsa cedar	Thuja plicata 20 excelsa'	10 :	3 3	Fair	Poor Condi	itional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly	underground parking Likely significantly impacted the excavation to facilitate
es Mun	icipal M [Douglas-fir Pseudotsuga	13 3 1.95	2 Fai	ir Poor	Poor	beginning to regenerate, covered in clematis vine. Topped historically at 3M a grade - upright leaders	construction of the underground park above Likely significantly the excavation to	ing rimpacted by Re		s On	No Douglas-iir Pseudotsuga menziesii	19 10	2.85	Fair P	Cond	ditional Poor	grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the	1328	Yes On			Thuja plicata 20	10 ;	3 3	Fair	Poor Condi	itional Poor	attachment leaders arise near tipping location. Topped historically at 4m above grade - not maintained - weakly	underground parking Likely significantly impacted
es Mun	icipal M [Douglas-fir Pseudotsuga	15 3 2.25	2 Fai	ir Poor	Poor	beginning to regenerate, covered in clematis vine.	construction of the underground park above Likely significantly	e onsite ring	emove										1329	Yes On			Thuja plicata 20	10	3 3	Poor	Poor Condit	itional Poor	attachment leaders arise near tipping location. Topped historically at 4m above	construction of the onsite underground parking
		menziesii	31 10 4.65			8	grade - upright leaders beginning to regenerate, covered in clematis vine.	underground park	e onsite ing		s On	No Douglas-fir Pseudotsuga	12 10	1.8 3	Fair Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly		Remove		(2)	cedar	'excelsa'						grade - not maintained - weakly attachment leaders arise near tipping location, declining heath	construction of the onsite
	27	menziesii				Poor	grade - not maintained - w	above Likely significantly the excavation to construction of the underground park	facilitate the e onsite	emove		menziesii						attachment leaders arise near tipping location.		1330	Yes On	No		Thuja plicata 24 'excelsa'	10 :	3.6 3	Fair	Poor Condi	itional Poor	- chlorotic foliage - branch dieback, basal decay. Topped historically at 4m above grade - not maintained - weakly	
es On-	V Yes [Douglas-fir Pseudotsuga menziesii	31 10 4.65	2 Fai	ir Poor	Conditional Poor	Topped historically at 3M a grade - not maintained - w attachment leaders arise n	above Likely significantly weakly the excavation to near construction of the	r impacted by Refacilitate the e onsite	emove										1331	Yes On			Thuja plicata 17,1	8 10	4.23 3	Fair	Poor Condit	itional Poor	attachment leaders arise near tipping location. Topped historically at 4m above	construction of the onsite underground parking Likely significantly impacted
s On	No I	Douglas-fir Pseudotsuga menziesii	14 10 2.1	2 Fai	ir Poor	Conditional Poor	grade - not maintained - w		r impacted by Refacilitate the	emove 1308 Ye	s On	No Douglas-fir Pseudotsuga menziesii	15 10	2.25 3	Fair Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the	Remove 1332	Yes On			excelsa' Thuia plicata 20	10 ;	3 3	Fair	Poor Condi	itional Poor	grade - not maintained - weakly attachment leaders arise near tipping location. Topped historically at 4m above	construction of the onsite underground parking
s On	No [Douglas-fir Pseudotsuga menziesii	19 10 2.85	2 Fai	ir Poor	Conditional Poor	tipping location. Topped historically at 3M a grade - not maintained - w	above Likely significantly the excavation to	ing rimpacted by Refacilitate the	emove									underground parking				cedar	excelsa'						grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate construction of the onsite underground parking
es On	No I	Douglas-fir Pseudotsuga	27 10 4.05	2 Fai	ir Poor	Conditional Poor	tipping location.	above Likely significantly	rimpacted by Re								Di 110				Yes On			Thuja plicata 23 'excelsa'	10	3.45 3	Fair	Poor Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate
s On	No I	Douglas-fir Pseudotsuga	20 10 3	2 Fai	ir Poor	Conditional Poor	attachment leaders arise n	near construction of the	e onsite	emove Ye	S On	No Douglas-fir Pseudotsuga menziesii	15 10	2.25	Fair Po	oor Condi	Intional Poor	grade - not maintained - weakly attachment leaders arise near tipping location.	construction of the onsite	Remove 1334	Yes On	No		Thuja plicata 20 lexcelsa'	10	3 3	Fair	Poor Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacte the excavation to facilitate
ie On	No. I	menziesii Douglas-fir Pseudotsuga	18 10 2.7	2 Fai	ir Poor	Conditional Poor	attachment leaders arise n tipping location.	the excavation to construction of the underground park above Likely significantly	e onsite ing	emove									stronia esperada esperada	1335	Yes On	No	Excelsa cedar	Thuja plicata 19	10	2.85 3	Fair	Poor Condi	itional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacte the excavation to facilitate
		menziesii					grade - not maintained - w attachment leaders arise n tipping location.	the excavation to construction of the underground park	facilitate the e onsite ing		s On	No Douglas-fir Pseudotsuga	12 10	1.8 3	Fair Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly		Remove 1336	Yes On		Excelsa cedar		10	3.3 3	Fair	Poor Condi	itional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly	underground parking Likely significantly impacted the excavation to facilitate
es On	No I	Douglas-fir Pseudotsuga menziesii	15 10 2.25	2 Fai	ir Poor	Conditional Poor	grade - not maintained - w attachment leaders arise n	above Likely significantly weakly the excavation to near construction of the	facilitate the e onsite	emove		incharcal.						attachment leaders arise near		1337	Yes On				10	3.3 3	Fair	Poor Condi	itional Poor	attachment leaders arise near tipping location. Topped historically at 4m above	underground parking Likely significantly impacted
s On	No [Douglas-fir Pseudotsuga menziesii	20 10 3	2 Fai	ir Poor	Conditional Poor	grade - not maintained - w attachment leaders arise n	above Likely significantly the excavation to construction of the	r impacted by Re facilitate the e onsite												Yes On	No		Thuja plicata 16	10	2.4 3	Fair	Poor Condi	itional Poor	Topped historically at 4m above	construction of the onsite underground parking Likely significantly impacted
s On	No [Douglas-fir Pseudotsuga menziesii	14 10 2.1	2 Fai	ir Poor	Conditional Poor	grade - not maintained - w	reakly the excavation to	facilitate the	emove 1311 Ye	s On	No Douglas-fir Pseudotsuga menziesii	18 10	2.7 3	Fair Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly attachment leaders arise near	the excavation to facilitate the		Yes On		cedar		7 140	200	Fair	Davis Constitution	No. of Deep	grade - not maintained - weakly attachment leaders arise near tipping location.	construction of the onsite underground parking
es On	No [Douglas-fir Pseudotsuga menziesii	16 10 2.4	2 De	ead Dead	Conditional Poor	tipping location.	above Dead tree propos	ing ed for removal Re	emove									underground parking	Y985940562	0.000	0.0	cedar	excelsa'			(100.000)	7.7.5.2436 S.7.7.1524	ALCONO.	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate
s On	No I	Douglas-fir Pseudotsuga	18 10 2.7	2 Fai	ir Poor	Conditional Poor	attachment leaders arise n tipping location.	near		emove		No Douglas-fir Pseudotsuga	45	205		0 1				1340	Yes On		Excelsa cedar		10	2.85 3	Fair	Poor Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacted the excavation to facilitate to construction of the onsite
On	No [menziesii	19 10 2.85	2	and Dead	Conditional Poor	tipping location.	near construction of the underground park	ing		s On	No Douglas-Iir Pseudotsuga menziesii	15 10	2.25	Fair Po	oor Condi	itional Poor	attachment leaders arise near	the executation to racintate the	1341	Yes On		Excelsa cedar	Thuja plicata 19 excelsa'	10	2.85 3	Poor	Poor Condi	itional Poor	tipping location. Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacte the excavation to facilitate
s On	100 GMZ2	menziesii	The second secon	10000	NAME OF THE PROPERTY OF THE PR	2009-2009-2014 (MASS)	grade - not maintained - w attachment leaders arise n tipping location.	near	ds	1880 Black (1843)																245				tipping location, declining heath - chlorotic foliage - branch dieback basal decay.	underground parking
On	No [Douglas-fir Pseudotsuga menziesii	17 10 2.55	2 Fai	Poor Poor	Conditional Poor	grade - not maintained - w attachment leaders arise n	near construction of the	facilitate the e onsite		s On	No Douglas-fir Pseudotsuga menziesii	16 10	2.4 3	Fair Po	oor Condi	ditional Poor	Topped historically at 3M above grade - not maintained - weakly		Remove	Yes On		cedar	'excelsa'						Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near tipping location.	the excavation to facilitate
s On	No [Douglas-fir Pseudotsuga menziesii	18 10 2.7	2 Fai	ir Poor	Conditional Poor	grade - not maintained - w	above Likely significantly the excavation to construction of the	r impacted by Refacilitate the e onsite	emove		I I I I I I I I I I I I I I I I I I I						attachment leaders arise near		1343	Yes On	Yes	Excelsa cedar	Thuja plicata 14,1 'excelsa'	6 10	3.66 3	Poor	Poor Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	Likely significantly impacted the excavation to facilitate to construction of the onsite
s On	No [Douglas-fir Pseudotsuga menziesii	18 10 2.7	2 Fai	ir Poor	Conditional Poor	tipping location. Topped historically at 3M a grade - not maintained - w	above Likely significantly the excavation to	ing rimpacted by Refacilitate the	emove										1344	Yes On		Excelsa cedar		8 10	4,32 3	Dead	Dead Condit	itional Poor	tipping location, 13cm stem is entirely dead. Topped historically at 4m above	underground parking Dead tree proposed for ren
s On	No I	Douglas-fir Pseudotsuga menziesii	21 10 3.15	2 Fai	ir Poor	Conditional Poor	tipping location.	above Likely significantly	ing rimpacted by Re	emove			1 1			ı	1													grade - not maintained - weakly attachment leaders arise near tipping location, declining health - chloroform foliage.	
		A STATE						near construction of the underground park	e onsite											1345	Yes On			Thuja plicata 36 'excelsa'	10	5.4 4	Dead	Dead Condi	itional Poor	Topped historically at 4m above grade - not maintained - weakly attachment leaders arise near	
																				1346	Yes On			Prunus 33 cerasifera	10	3.3 4	Good	Fair/good Suitab	ole Good	tipping location. Growing within shrub planting bed, codominant crown with adjacent plums - asymmetric	the excavation to facilitate t
																														crown due to shading, multiple stems form at 1.5m above grade - included bark- not active.	underground parking
																				1347	Yes On		Purple leaf plum	Prunus 10,1 cerasifera	1,20 10 3	3.26 4	Good	Fair/good Suitab	ole Good	Growing within shrub planting bed, codominant crown with adjacent plums - asymmetric crown due to shading multiple	the excavation to facilitate t construction of the onsite
																														crown due to shading, multiple stems form at 1.4m above grade - included bark- not active.	underground parking
																				1348	Yes On		Purple leaf plum	Prunus 27 cerasifera 27	10	2.7 4	Good	Fair/good Suitab	ole Good	Growing within shrub planting bed, codominant crown with adjacent plums - asymmetric	the excavation to facilitate t construction of the onsite
																														crown due to shading, multiple	underground parking
																				1349	Yes On	Ma	Excelsa	Thuja plicata 25	40	3.75 3	Good	Fair	tional Poor	stems form at 1.5m above grade - included bark- not active. Topped historically at 3M above	





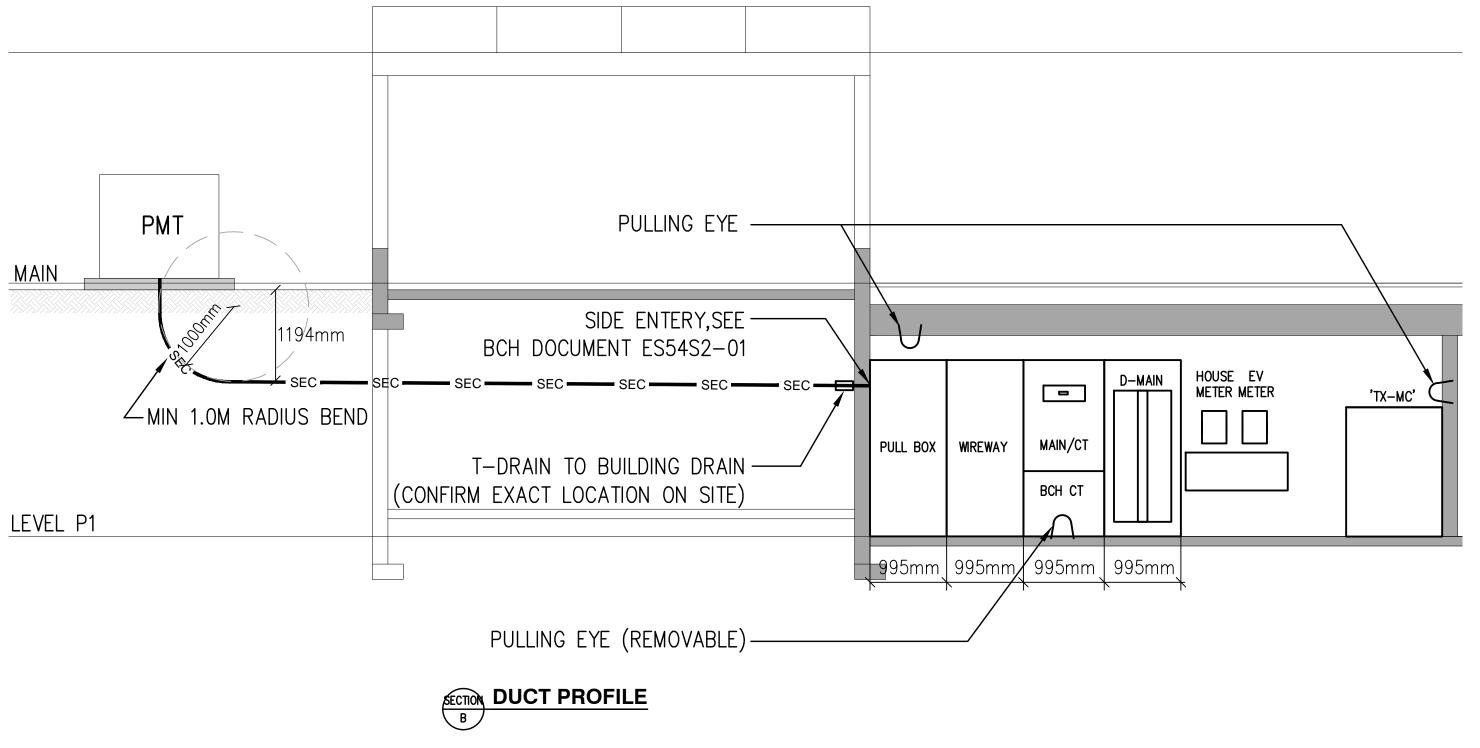


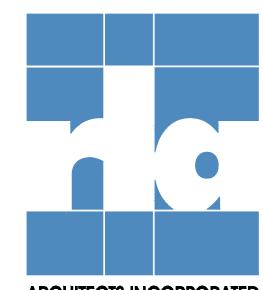
#1-350 kcm

500 kcm

1000

1400





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Revisions



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PERMIT TO PRACTICE NUMBER: 1003450

For

Project 1908 FOUL BAY Multi-Unit Residential

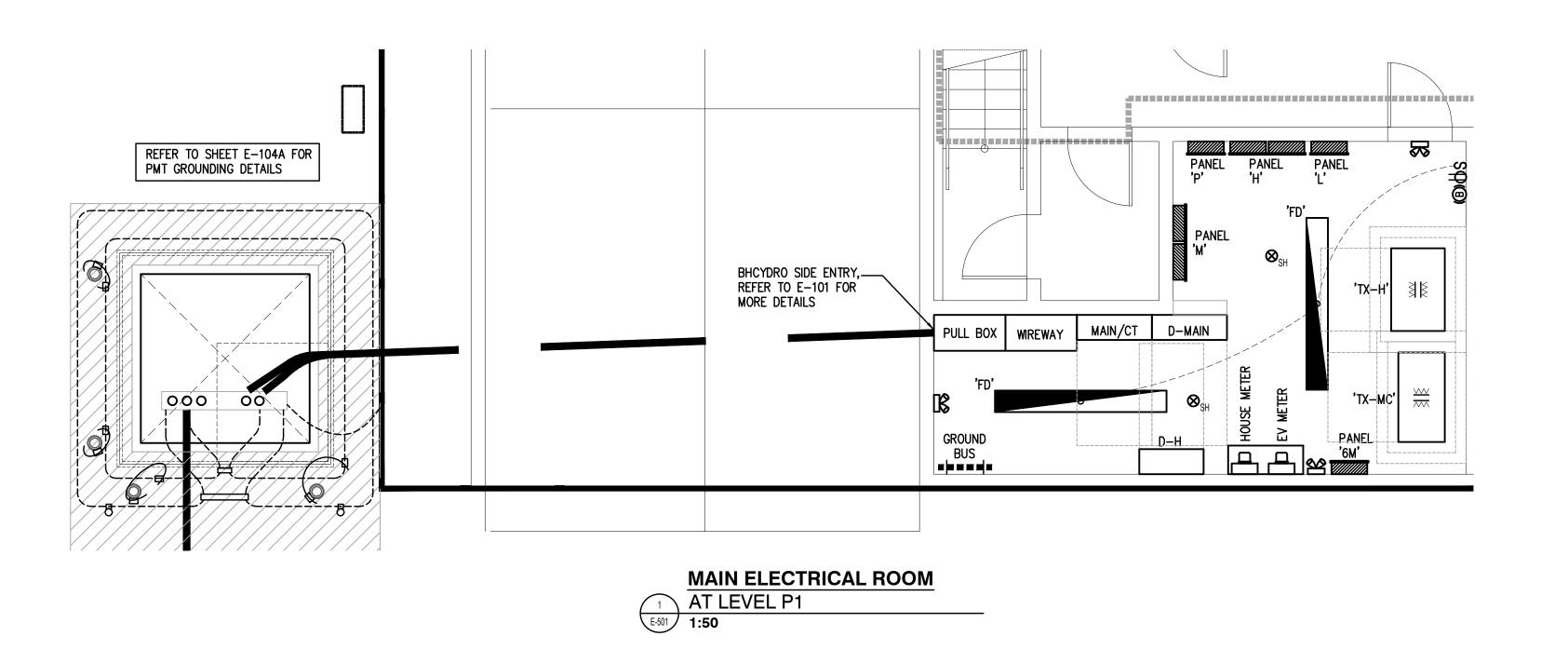


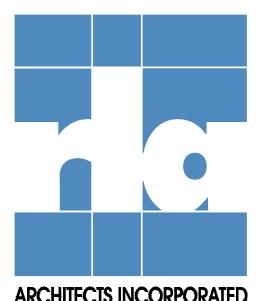


SITE PLAN

Scale: N.T.S. March 31, 2025 Project No.: 15571 Checked by: MR Drawn by: -





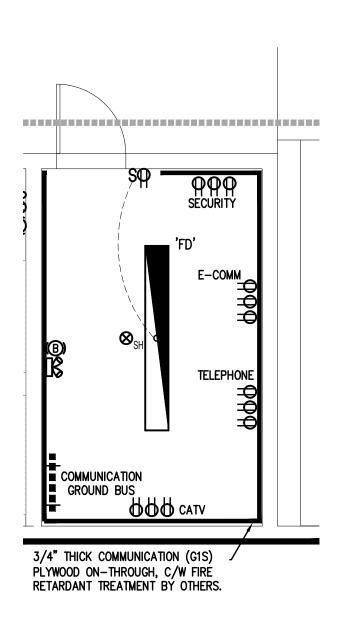


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Project 1908 FOUL BAY Multi-Unit Residential

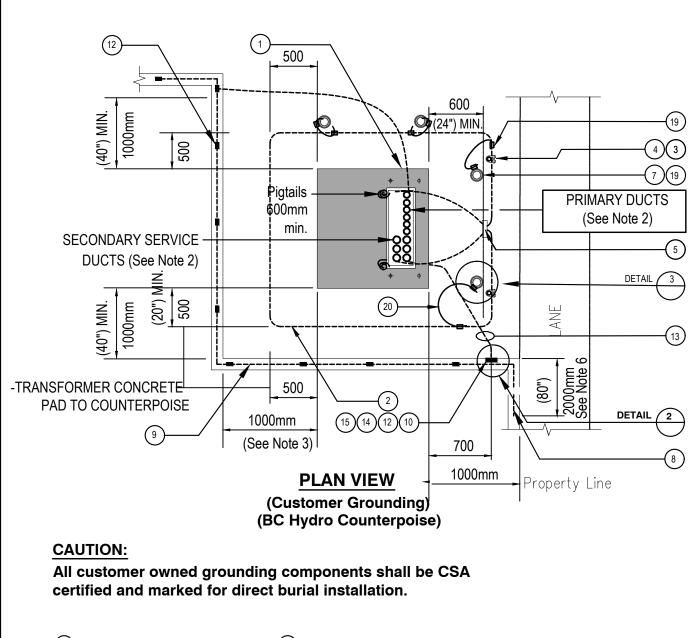




SERVICE ROOMS

Scale: 1:50 March 31, 2025 Project No.: 15571 Checked by: MR Drawn by: -

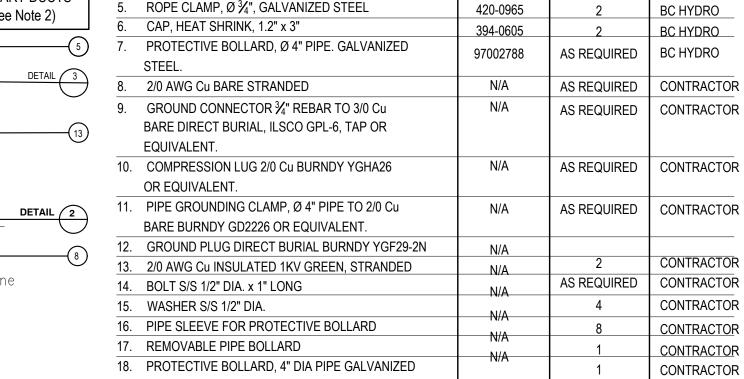




CONCRETE WALL

DETAIL 2

Rebar Ground Connection



LEGEND:

ITEM DESCRIPTION

GALVANIZED STEEL

1. TRANSFORMER CONCRETE PAD

COUNTERPOISE, Ø 3/4", GALVANIZED STEEL

GROUND ROD ,Ø %" x 8', GALVANIZED STEEL

CONNECTOR, COUNTERPOISE TO GROUN ROD,

19. CONNECTOR, ERICO WIRE TO COUNTERPOISE OR

PRECAST GROUNDED BOLLARD STUD

20. THEFT DETERENT WIRE, ERICO

DETAIL 3

Bollard Grounding Clamp

REFERENCE: BC HYDRO PAD-MOUNTED TRANSFORMER INSTALLATION ON PRIVATE PROPERTY

BC HYDRO PMT GROUNDING DETAIL

CATALOGUE ID QUANTITY SUPPLIED BY

SPECIFIED BY

BCH DESIGNER

106-2510

420-1093

420-1157

400-0059

420-1158

96006428

N.T.S. **IN BUILDING ALCOVE**

NOTES:

BC HYDRO

BC HYDRO

BC HYDRO

AS REQUIRED | BC HYDRO

OPTIONAL FOR | CONTRACTOR

CONTRACTOR

' BC HYDRO

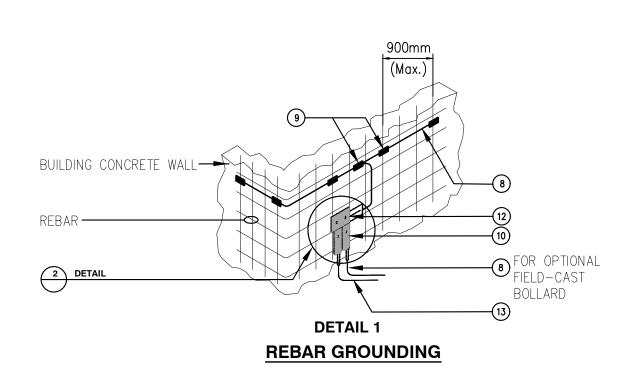
FIELD-CAST

PER BOLLARD

12M

- 1. THIS ALCOVE DESIGN INSIDE A CUSTOMER BUILDING. ON TOP OF A REINFORCED CONCRETE SLAB, SHALL BE USED UNDER SPECIAL CIRCUMSTANCES. IT IS NOT THE INTENTION TO HIDE THE PMT OR LPT; RATHER, THIS TYPE OF DESIGN IS USED WHERE THE BUILDING IS BUILT TO THE PROPERTY LINE. THE CUSTOMER SHALL OBTAIN APPROVAL FROM THE LOCAL BC HYDRO DESIGNER FOR EACH ALCOVE INSTALLATION, INCLUDING THE LOCATION OF THE TRANSFORMER PAD, AND INSTALLATION DETAILS OF ALL PRIMARY AND SECONDARY DUCTS.
- ALL ALCOVE CIVIL WORK ON PRIVATE PROPERTY, INCLUDING HV GROUNDING, IS UTILITY WORK AND THEREFORE EXEMPT FROM BCSA/TSBSC AND LOCAL ELECTRICAL INSPECTIONS.

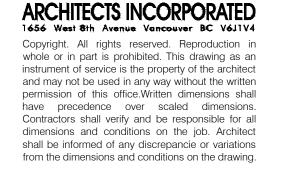
 CONSEQUENTLY, ALL CIVIL WORK AND HV GROUNDING SHALL BE INSTALLED ACCORDING TO BC HYDRO CONSTRUCTION STANDARDS.
- 2. THE BC HYDRO DESIGNER SHALL ADVISE THE CUSTOMER ON DUCT SIZE, THE NUMBER OF PRIMARY AND SECONDARY DUCTS, ACCEPTABLE DUCT RUNS AND THE DUCT DRAIN CONNECTION SUBJECT TO APPROVAL BY THE AUTHORITY HAVING JURISDICTION (AHJ). THE CUSTOMER SHALL SUPPLY AND INSTALL ALL DUCTING ON PRIVATE PROPERTY, CSA TYPE DB2. ALL SECONDARY SERVICE DUCTS LOCATED INSIDE THE BUILDING SHALL BE CONCRETE ENCASED. THE CUSTOMER SHALL PROVIDE ENGINEERED STRUCTURAL SUPPORTS TO HOLD THE WEIGHT OF THE SERVICE CABLES AND DUCTS, AND TO WITHSTAND THE REQUIRED CABLE PULLING DURING INSTALLATION AND REMOVAL OF SERVICE CONDUCTOR.



* THE ELECTRICAL CONTRACTOR SHALL PROVIDE A CERTIFIED STEP-AND-TOUCH VOLTAGE TEST REPORT, AS PER CEC PART 1 SECTION 36, FOR REVIEW BY THE BC HYDRO ENGINEER.

NOTES: (continuation)

- 3. BC HYDRO WILL REQUIRE A SPECIFIC RIGHT OF WAY (ROW) FOR THE "ALCOVE TOWER" AREA OR AN INSTALLATION WITHIN THE FOOTPRINT OF THE BUILDING, IN THE EVENT OF FUTURE DEMOLITION. THE CUSTOMER SHALL PREPARE THE ROW DRAWINGS, INCLUDING PERMANENT CONCETE EMBEDDED DEMOLITION MARKERS, AND FORWARD THEM TO THE BC HYDRO DESIGNER FOR ACCEPTANCE. IT IS THE CUSTOMER'S RESPONSIBILITY TO PROVIDE AN AS-CONSTRUCTED SURVEY PLAN TO CONFIRM THE SPECIFIC LOCATION OF THE ROW AREA. FOR MAINTENANCE AND OPERATING ACCESS, BC HYDRO REQUIRES AN OBSTRUCTED OPERATING AREA OF 3.0 METERS IN FRONT OF THE TRANSFORMER AND 1.0 METER MAINTENANCE ACCESS ON THE SIDES.
- 4. CUSTOMER DEVELOPMENT PERMIT DRAWINGS MUST SHOW THE LOCATION OF THE BC HYDRO PAD-MOUNTED TRANSFORMER INSTALLATION ON PRIVATE PROPERTY. MOREOVER, ALL PAD-MOUNTED TRANSFORMERS LOCATED INSIDE THE BUILDING FOOTPRINT ARE SUBJECT TO THE REQUIREMENTS OF THE BC BUILDING CODE AND THE APPLICABLE LOCAL REGULATIONS AND BYLAWS. ACCORDINGLY, THE CUSTOMER SHALL PROVIDE A CERTIFIED STRUCTURAL DESIGN, COMPACTED FILL AND BUILDING STRUCTURE TO SUPPORT THE WEIGHT OF THE BC HYDRO CONCRETE PAD, TRANSFORMER AND CABLES ABOVE. IN ADDITION, THE CUSTOMER SHALL PROVIDE AN OIL-RESISTANT COATING IN THE SURROUNDING BUILDING AND FOUNDATION WALLS. BC HYDRO SHALL NOT BE RESPONSIBLE FOR DAMAGE TO THE CUSTOMER BUILDING RESULTING FROM TRANSFORMER OIL LEAKAGE.
- 5. FOR THE MECHANICAL PROTECTION OF PAD-MOUNTED EQUIPMENT IN TRAFFIC AREAS, BC HYDRO REQUIRES THE INSTALLATION OF BC HYDRO STANDARD PRECAST PROTECTIVE BOLLARDS. FIELD-CAST PROTECTIVE BOLLARDS, AS PER ES54 U2-02.04, ARE ALSO ACCEPTABLE. THE BC HYDRO DESIGNER WILL DETERMINE THE EXACT NUMBER AND LAYOUT OF THE PROTECTIVE BOLLARDS AROUND THE TRANSFORMER PAD. A CHAIN-LINK FENCE OR CUSTOM-BUILT GATES MAY BE ACCEPTABLE IN SOME AREAS, IN AGREEMENT WITH THE BC HYDRO DESIGNER, FOR THE IMPROVED SAFETY AND CLEANLINESS OF A PARTICULAR ALCOVE INSTALLATION, SUBJECT TO THE APPROVAL OF THE AHJ..
- 6. HV SAFETY GROUNDING INSIDE THE BUILDING "ALCOVE TOWER" SHALL BE CONSTRUCTED ACCORDING TO THE ATTACHED BY HYDRO STANDARDS, COMPRISING A CONCRETE ENCASED ELECTRODE ("UFER" GROUND) ENSURING EQUIPOTENTIAL GROUNDING. ALL GROUNDING COMPONENTS AND MATERIALS SHALL BE CSA (OR EQUIVALENT) CERTIFIED.
- 7. ALL CONCEALED DUCTING AND GROUNDING INSTALLATIONS SHALL BE INSPECTED BY THE BC HYDRO CIVIL INSPECTOR BEFORE POURING CONCRETE AND PLACING BACKFILL. AFTER INSPECTION, THE CONTRACTOR SHALL FILL-OUT AND SUBMIT THE SIGNED INSTALLER'S DECLARATION ON PAGE 12 TO THE BC HYDRO DESIGNER, INCLUDING DIMENSIONS INDICATED IN THE ISOMETRIC SITE PLAN, CONFIRMING THAT THE GROUNDING AND DUCTING INSTALLATIONS ARE COMPLIANCE WITH THE BC HYDRO CONSTRUCTION STANDARDS.
- THE ES54 F3-08 STANDARDS SHOW THE MINIMUM BC HYDRO GROUNDING REQUIREMENTS FOR EQUIPOTENTIAL GROUNDING. THE CUSTOMER SHALL PROVIDE A SIGNED COPY OF THE "FALL OF POTENTIAL" AND THE "SOIL RESISTIVITY" REPORTS SHOWN ON PAGE 10 AND 11, CARRIED OUT BY A REGISTERED TEST TECHNICIAN, AND SUBMIT THEM TO THE BC HYDRO DESIGNER. THE BC HYDRO ENGINEER SHALL THEN CARRY OUT A GROUNDING ANALYSIS, CONSISTENT WITH THE IEEE80 STANDARDS, AS WELL AS AN APPLICABLE RISK ANALYSIS, TO ENSURE THE SAFETY OF THE HV GROUNDING INSTALLATION.



Revisions



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PERMIT TO PRACTICE NUMBER: 1003450

PER

Project 1908 FOUL BAY Multi-Unit Residential





SERVICE ROOMS NOTES

Scale: 1:50 March 31, 2025 Project No.: 15571 Checked by: MR Drawn by: -



E-104A

NOTE OLN-001:

GROUNDING TO BE PROVIDED AS REQUIRED BY CEC SECTIONS 10 AND 36.

GENERAL NOTES

- 1. CONFIRM METERING ARRANGEMENT WITH THE POWER SUPPLY AUTHORITY. REFER TO ELECTRICAL SPECIFICATIONS AND ALL POWER AUTHORITY METERING GUIDELINES.
- CONFIRM METERING ARRANGEMI
 WIRE SIZED FOR RW90 COPPER.
- 3. QMQB BOARD OR GUTTER AND SWITCHES ACCEPTABLE AS SPACE AND/OR BUS BRACING ALLOWS.
- 4. ✓ DENOTES THAT CIRCUIT BREAKER TO HOLD LOCKED ROTOR CURRENT FOR INDEFINITE.
- 5. * DENOTES TIME DELAY BUSS FRSR FUSE FOR 600V DISTRIBUTIONS AND BUSS FRNR FUSE FOR 250V DISTRIBUTIONS.
- 6. FP BREAKER TO BE SPECIFICALLY APPROVED AND DESIGNED FOR FIRE PUMP SERVICE AND BE LABELED SPECIFICALLY AS FIRE PUMP SERVICE AS PER CEC SECTION 32.

6A. FUSE SPECIFICATION 208/120 240/120 VOLTS i. MAINS AND FEEDERS

- a) SERVICE ENTRANCE MAINS AND FEEDER FUSES OVER 800 AMPERES SHALL BE BUSSMANN HRC-L TYPE KRP-C WITH 'O' RING SEAL BETWEEN THE END BELLS AND THE GLASS MELAMINE FUSE BARREL. TERMINALS OF FUSE TO BE GLASS PEENED.
- b) ALL MAINS AND FEEDERS, 70 THROUGH 800 AMPERES, PROTECTING CIRCUIT BREAKERS, SHALL BE BUSSMANN HRC-T TYPE JJN. THE FUSES AND BREAKERS SHALL BE A CSA APPROVED SERIES TESTED COMBINATION. LABELING OF THE EQUIPMENT MUST BE APPLIED PER CEC SECTION 14.
- all other mains and feeders, 15 amps through 600 amps, other than those protecting circuit breakers, shall be hrc-j time-delay type pj-<u>amps</u> sp.
 all fuse shall be of the same manufacturer to facilitate selective coordination of the system.

ii. MOTORS

ALL MOTORS SHALL BE PROTECTED BY BUSSMANN HRC-J TIME-DELAY TYPE LPJ-AMPS SP HRC J FUSES. THESE FUSES SHALL BE SIZED AT 150 % OF MOTOR FULL LOAD AMPERES FOR STANDARD DUTY, AND 175% FOR HEAVY DUTY. FUSES SHALL PROVIDE "NO DAMAGE" PROTECTION TO THE MOTOR STARTER FOR ALL SHORT CIRCUIT CURRENTS UP TO 100,00 AMPERES RMS.

ALLOW FOR DISCONNECT AND TYPE J FUSE FOR MOTORS RATED OVER 60HP FOR FAULT CURRENT PROTECTION. 6B. FUSE SPECIFICATION 600/347 VOLTS

i. MAINS AND FEEDERS

- a) SERVICE ENTRANCE MAINS AND FEEDER FUSES OVER 600 AMPERES SHALL BE BUSSMANN HRC-L TYPE KRP-C WITH 'O' RING SEAL BETWEEN THE END BELLS AND THE GLASS MELAMINE FUSE BARREL. TERMINALS OF FUSE TO BE GLASS PEENED.
- b) ALL MAINS AND FEEDERS, 15 THROUGH 400 AMPERES, PROTECTING CIRCUIT BREAKERS, SHALL BE BUSSMANN HRC-L TYPE LPJ. THE FUSES AND BREAKERS SHALL BE A CSA APPROVED SERIES TESTED COMBINATION LABELING OF THE EQUIPMENT MUST BE APPLIED PER CEC SECTION 14.
- c) ALL OTHER MAINS AND FEEDERS, 15 AMPS THRROUG 600 AMPS, OTHER THAN THOSE PROTECTING CIRCUIT BREAKERS, SHALL BE HRC-J TIME-DELAY TYPE LPJ-AMPS SP.

 ii. MOTORS

ALL MOTORS ALL MOTORS SHALL BE PROTECTED BY BUSSMAN HRC-J TIME-DELAY TYPE LPJ-AMPS SP HRC J FUSES. THESE FUSES SHALL BE SIZED AT 150% OF MOTOR FULL LOAD AMPERES FOR STANDARD DUTY, AND 175% FOR HEAVY DUTY. FUSES SHALL PROVIDE "NO DAMAGE" PROTECTION TO THE MOTOR STARTER ALL SHORT CIRCUIT CURRENTS UP TO SEE AN ALL PROPERS AND ALL PROFESSION AND AMBRICAN STARTER AND

THE PRIMARY FUSES PROTECTING 600 TO 208/120 VOLT, OR 600 TO 240/120 VOLT TRANSFORMERS, SHALL BE BUSSMANN TYPE HRC1-R, DUAL ELEMENT, TIME DELAY TYPE FRS-R FUSES. THE FUSES SHALL BE SIZED AT 125% OF THE TRANSFORMER FULL LOAD CURRENT IN ACCORDANCE WITH THE CEC SECTION 26. THE FUSE SHALL BE CAPABLE OF HANDLING 20 TIMES THE TRANSFORMER FULL LOAD CURRENT FOR 0.1 SECONDS.

ALLOW FOR A DISCONNECT AND TYPE J FUSE FOR MOTORS RATED OVER 60HP FOR FAULT CURRENT PROTECTION. 6C. GROUND FAULT RELAYS

GROUND FAULT RELAYS (One level)

THE MAIN GROUND FAULT RELAY SHALL BE VERY INVERSE TIME BAND SET AT 1200 AMPERES ONE SECOND INVERSE TIME. ALL FEEDERS RATED 1000 AMPERES & GREATER AT 600 VOLTS AND 2000 AMPERES & GREATER AT 208 VOLTS SHALL BE EQUIPPED WITH GROUND FAULT RELAYS SET AT 1200 AMPERES 0.1 SECOND INVERSE TIME BAND. ALL FEEDER SWITCHES 600 AMP AND SMALLER SHALL BE EQUIPPED WITH BUSSMANN FUSES TYPE LPJ WHICH MEET THE GROUND FAULT REQUIREMENTS OF THE CEC SECTION 14.

GROUND FAULT RELAYS THAT ARE AN INTEGRAL PART OF OVER CURRENT RELAYS WILL NOT BE ACCEPTABLE BECAUSE OF THEIR INABILITY TO SELECTIVELY COORDINATE

PROVIDE ZERO SEQUENCE CURRENT TRANSFORMERS ENCIRCLING ALL PHASES AND NEUTRAL CONDUCTORS. GROUND STRAP CURRENT TRANSFORMERS ARE NOT ACCEPTABLE AS UNDER CODE THEY RESTRICT THE MAXIMUM RELAY SETTING TO 1000 AMPERES.

ACCEPTABLE AS UNDER CODE THEY RESTRICT THE MAXIMUM RELAY SETTING TO 1000 AMPERES.

(VERY INVERSE TIME) GROUND FAULT RELAY OR APPROVE EQUAL RELAY MUST BE OF A VERY INVERSE CHARACTERISTIC AND BE CAPABLE OF BEING SET AT 1200 AMPS PICKUP

ONLY "APPROVED" SERIES RATED COMBINATION TO BE USED.

AT 1 SECOND. SETTING CLEAR THE FAULT AT 1000 AMPS.

- 7A. THE DISTRIBUTION SHOP DRAWINGS SUBMISSION MUST INCLUDE THE ENGINEERS SIGNED LETTER "APPENDIX E" FROM THE ELECTRICAL SPECIFICATION, ASSURING THAT THE FAULT LIMITATION COMPLIANCE AND COORDINATION IS PROVIDED.
- 8. THE DISTRIBUTION SHOP DRAWINGS SUBMISSION MUST INCLUDE THE ENGINEERS SIGNED LETTER "APPENDIX E" FROM THE ELECTRICAL SPECIFICATION, ASSURING THAT THE FAULT
- LIMITATION COMPLIANCE AND COORDINATION IS APPROVED.

 8A. ANY REQUEST FOR USE OF ALTERNATE PROTECTION DEVICES SHALL BE ACCOMPANIED BY A FULL COORDINATION STUDY AND FAULT CURRENT CALCULATION ONE FULL CALENDAR
- WEEK PRIOR TO CLOSE OF TENDER FOR REVIEW BY THE ENGINEER.

 8B. DENOTES MANUFACTURER'S SUGGESTED BREAKER SIZES. CONTRACTOR TO COORDINATE BREAKER SIZES WITH MANUFACTURER'S OVERCURRENT PROTECTION SPECIFICATIONS AND CONFIRM WITH LOCAL AUTHORITIES AND MECHANICAL SHOP DRAWINGS PRIOR TO INSTALLATION.
- 9. DENOTES MANUFACTURER'S SUGGESTED BREAKER SIZES. CONTRACTOR TO COORDINATE BREAKER SIZES WITH MANUFACTURER'S OVERCURRENT PROTECTION AND CONFIRM WITH THE LOCAL AUTHORITIES AND MECHANICAL SHOP DRAWINGS PRIOR TO INSTALLLATION.

10. MINIMUM TRANSFORMER IMPEDANCE TO BE 6% 11. M PROVIDE CARINET CAN PEMOVARI E SIDE E

- PROVIDE CABINET C/W REMOVABLE SIDE FOR FUTURE METERING AND LAMICOID LABEL TO READ "CHECK METER PROVISIONS".

- 2. G GROUND FAULT RELAY SYSTEM
- 13. M POWER AUTHORITY CONSUMPTION METER
 14. PROVIDE SPARE FUSE CABINET AND THREE SPARE FOR EACH TYPE AND SIZE.
- 15. THE FAULT LIMITATIONS FOR SERIES RATED COMBINATIONS MUST COMPLY WITH CEC SECTION 14.
- 16. ALL COMPONENTS CONNECTED TO THE ELECTRICAL DISTRIBUTION SYSTEM SHALL MEET OR EXCEED THE AVAILABLE FAULT LEVELS. THIS INCLUDES ALL TRANSFER SWITCHES, TRANSFORMERS, MECHANICAL EQUIPMENT, ETC.
- 18. (IM) DENOTES INFORMATION METER
- 19. RM DENOTES MEASUREMENTS CANADA CERTIFIED REVENUE GRADE ELECTRONIC METER
- 20. ELECTRICAL CONTRACTOR TO ALLOW FOR CONNECTIONS TO ELEVATOR CONTROLLER AND TRANSFORMER AS PER SELECTED ELEVATOR SUPPLIER.

21. ONE LINE POSTING

THE ELECTRICAL CONTRACTOR IS TO PROVIDE AN "AS BUILT" ONE LINE, FULL SIZED PRINT/S IN AN ACRYLIC FRAME OR PLASTIC ENVELOPE, PERMANENTLY MOUNTED ON THE WALL OF THE MAIN ELECTRICAL ROOM, PRIOR TO OCCUPANCY INSPECTION CALL.

THIS ONE LINE MUST DETAIL THE FUSE SIZES AND TYPES AS WELL AS BREAKER SIZES AND TYPES, ALL AS PER THE ONE LINE PROVIDED BY THE DISTRIBUTION EQUIPMENT SUPPLIER AND AS PER APPENDIX "E".

1.	EXCEPT AS NOTED ON THE ONE-LINE THE FOLLOWING BASE FEEDERS SHOUPROVIDED.									
2.	ALL CO	NDUCTORS ARE TO BE DERAT	ED AS PER CEC SECTION 4 & APPEND							
	FUSE	BREAKER SIZE:	CONDUIT & WIRE SIZE							
	30A		16mm(3/4") 4#10 RW90							
	40A		16mm(3/4") 4#8 RW90							
	50/60A		35mm(1 1/4") 4#6 RW90							
	70/80A		41mm(1 1/2") 4#4 RW90							
	100A		41mm(1 1/2") 4#3 RW90							
	125A		53mm(2") 4#1 RW90							
	150A		53mm(2") 4#1/0 RW90							
	175A		53mm(2") 4#2/0 RW90							
	200A		53mm(2") 4#3/0 RW90							
	250A		78mm(3") 4#250MCM RW90							
	300A		2 X 53mm(2") 4#1/0 RW90							
	400A		2 X 53mm(2") 4#3/0 RW90							
	500A		2 X 78mm(3") 4#250MCM RW90							
	600A		2 X 78mm(3") 4#350MCM RW90							
	700A		2 X 103mm(4") 4#500MCM RW90							
	800A		2 X 103mm(4") 4#600MCM RW90							
	1000A		3 X 103mm(4") 4#500MCM RW90							
	1200A		4 X 103mm(4") 4#350MCM RW90							
	1400A		4 X 103mm(4") 4#500MCM RW90							
	1600A		4 X 103mm(4") 4#600MCM RW90							
	2000A		6 X 103mm(4") 4#500MCM RW90							

1600A	4 X 103mm(4") 4#500MCM RW90 4 X 103mm(4") 4#600MCM RW90 6 X 103mm(4") 4#500MCM RW90		KVA	MINIMUM LOW VOLTAGE, V	1.2 KV CLASS, % EFFICIENCY AT .35 PER UNIT NAME-PLATE LOAD	BIL 20-150KV, % EFFICIENCY AT .5 PER UNIT NAME-PLATE LOAD
CONDUCTOR SIZE I	FOR HYDRAULIC ELEVATORS TO BE 200% OF THE LISTED CEC,		15	208/120V	97.89	97.50
UNLESS OTHERWIS			30	208/120V	98.23	97.90
			45	208/120V	98.40	98.10
		_	75	208/120V	98.60	98.33
		1 l	112.5	208/120V	98.74	98.52
	FEEDERS AND DISTANCES		150	208/120V	98.83	98.65
		1	225	208/120V	98.94	98.82
DISTANCE	FEEDER		300	208/120V	99.02	98.93
0.0-28m(0.0-75 FT)	BASE	1	500	208/120V	99.14	99.09
0.0 2011(0.0 701 1)	DAGE		750	208/120V	99.23	99.21
28-46m(75-150 FT)	INCREASE ONE SIZE FROM BASE		1000	208/120V	99.28	99.28
46-60m(150-200 FT)	INCREASE TWO SIZES FROM BASE		1500	480/277V	-	99.37
(1101.12.102.1110 01.220 1110 11 01.102	J	2000	480/277V	-	99.43
FEEDERS LONGER THAN 2	00 FEET LONG APPLY VOLTAGE DROP AS PER CEC		2500	480/277V	-	99.47
		_	3000	600/347V	-	99.47
* CUIT	LOADS AND CORDED FEEDERS		3750	4160/2400V	-	99.47
* 50116	LOADS AND COPPER FEEDERS		5000	4160/2400V	-	99.47

* SUITE LOADS AND COPPER FEEDERS									
HEATING IN KW	BASE FEEDER	BREAKER							
		**							
O.5-5.5 KW.	35mm(1-1/4") 3#3 R90	100A 2P							
5.6-10.5 KW.	41mm(1-1/2") 3#1 R90	125A 2P							

5.6-10.5 KW. 41mm(1-1/2") 3#1 R90 125A 2P 10.6-18.0 KW. 41mm(1-1/2") 4#3 R90 100A 3P

THE NUMBERS IN THIS TABLE ARE BASED ON A BASIC SUITE LOAD OF 12.25KW. ANY VARIATION TO THIS BASIC LOAD WILL ALTER THE "KW" PARAMETERS ACCORDINGLY.
 ** 70 AMP SUITE BREAKERS ARE NOT PERMITTED UNLESS WRITTEN CONSENT IS GRANTED.

NOTE: SINGLE WOUND DUAL VOLTAGE SECONDARY TRANSFORMERS ARE NOT ACCEPTABLE

"ALL DRY TYPE TRANSFORMERS MUST MEET THE CAN/CAN/ULC-C802 (LATEST EDITION) STANDARDS"

SINGLE-PHASE

98.20

98.50

98.60

98.70

98.80

THREE-PHASE

EFFICIENCY AT .35 PER UNIT NAME-PLATE LOAD

MINIMUM LOW

240/120V

240/120V

240/120V

240/120V

240/120V

240/120V

240/120V

240/120V

BIL 20-150KV, % EFFICIEN

AT .5 PER UNIT NAME-PLATE

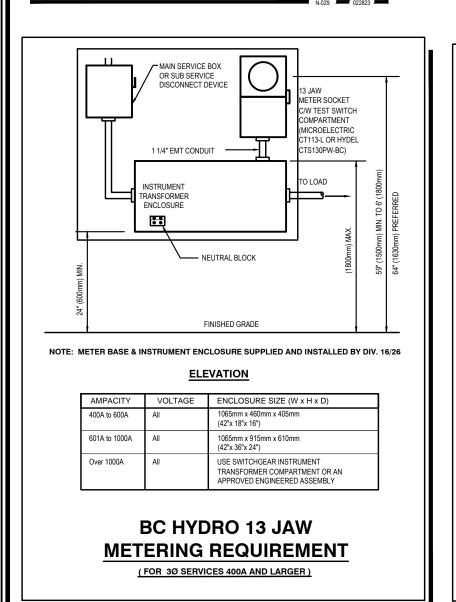
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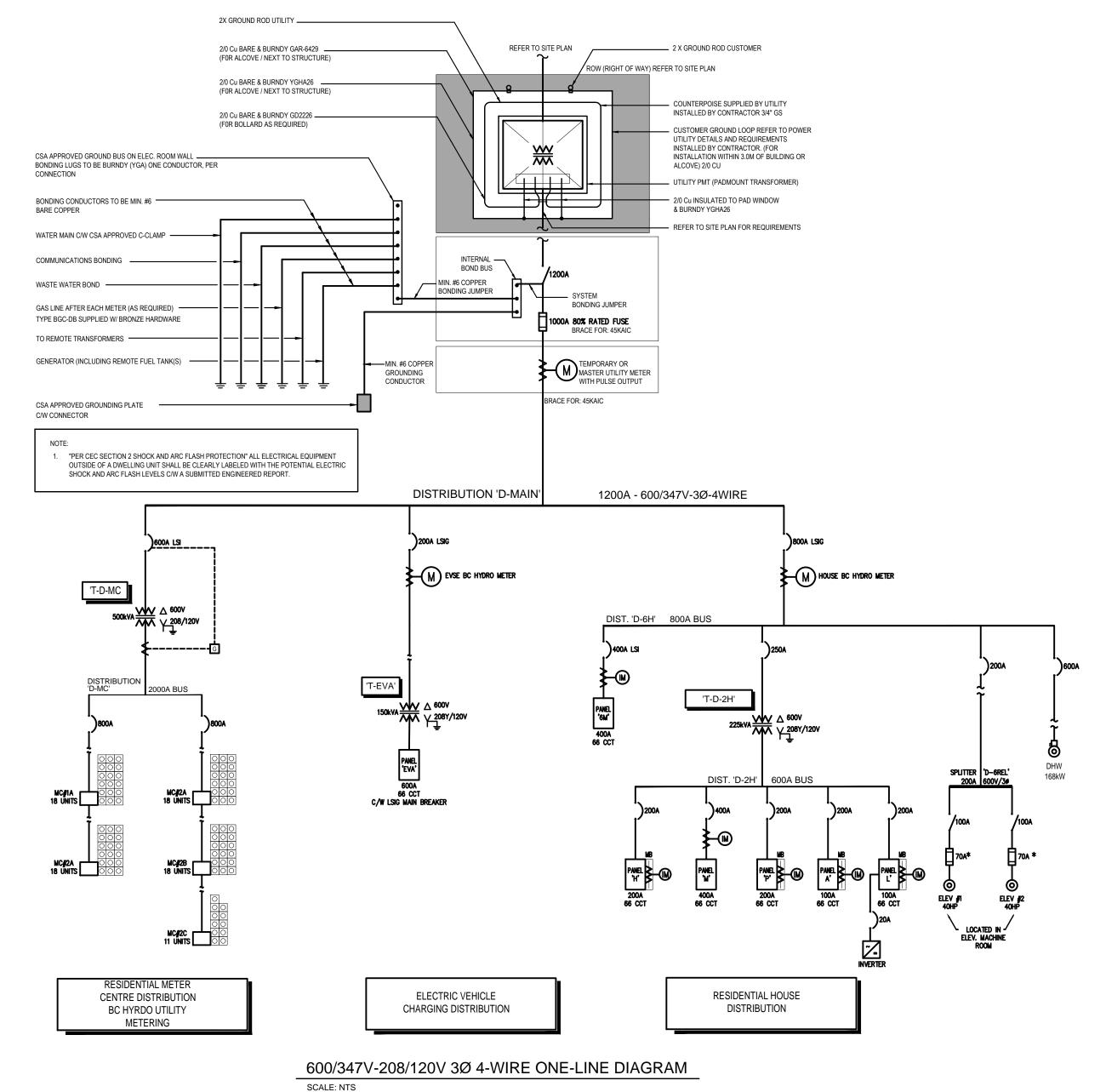
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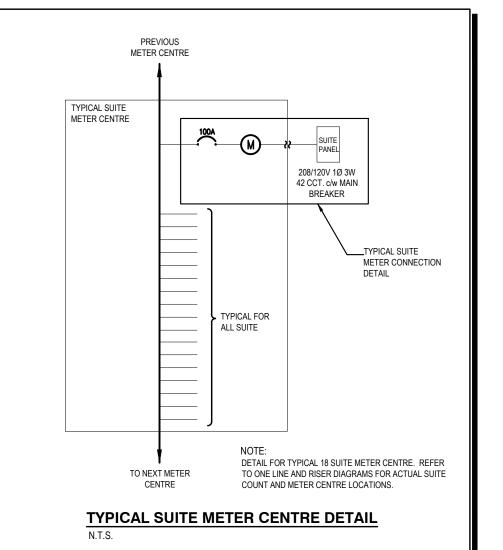
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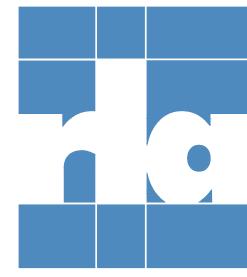
ASHRAE STANDARD 90.1-2016 (PARTIAL) 8.4.9 ELECTIRCAL ENERGY MONITORING 8.4.3.1 MONITORING MEASUREMENT DEVICES SHALL BE INSTALLED IN NEW BUILDINGS TO MONITOR ELECTRICAL ENERGY USE FOR EACH OF THE A. TOTAL ELECTRICAL ENERGY . HVAC SYSTEMS . INTERIOR LIGHTING D. EXTERIOR LIGHTING
E. RECEPTACLE CIRCUITS FOR BUILDINGS WITH TENANTS, THESE SYSTEMS SHALL BE SEPARATELY MONITORED FOR THE TOTAL BUILDING AND (EXCLUDING SHARED SYSTEMS) FOR EACH INDIVIDUAL TENANT.
* UP TO 10% OF THE LOAD FOR EACH CATEGORIES (B) THROUGH (E) SHALL BE ALLOWED FROM OTHER ELECTRICAL LOADS. 8.4.3.2 RECORDING AND REPORTING THE ELECTRICAL ENERGY USE FOR ALL LOADS SPECIFIED IN SECTION 8.4.3.1 SHALL BE RECORDED A MINIMUM OF EVERY 15 MINUTES AND REPORTED AT LEAST HOURLY, DAILY, MONTHLY AND ANNUALLY. THE DATA FOR EACH TENANT SPACE SHALL BE MADE AVAILABLE TO THE TENANT, IN BUILDINGS WITH A DIGITA CONTRO SYSTEM INSTALLED TO COMPLY WITH SECTION 6.4.3.10, THE ENERGY USE DATA SHALL BE TRANSMITTED TO THE DIGITAL CONTROL SYSTEM AND GRAPHICALLY DISPLAYED. THE SYSTEM SHALL BE CAPABLE OF MAINTAINING ALL DATA COLLECTED FOR MINIMUM OF 36 MONTHS. PROVIDE AN INTIGRATED SYSTEM FOR MONITORING AND LOGGING ENERGY USAGE AS PER ASHRAE [90.1-2016] PROVIDE SUITABLE APPROVED CABINETS FOR INSTALLATION OF CURRENT TRANSFORMERS AT ALL PANELS AS REQUIRED. PROVIDE METERING TO MAIN FEEDER WHEN PANEL LOADS ARE ALL IN ONE IF METERING IS ON BRANCH CIRCUITS, PROVIDE ADEQUATE NUMBERS OF CURRENT TRANSFORMERS AT EACH LOCATION TO MONITOR INDIVIDUAL

PROVIDE POWER SUPPLY AND A CAT 6 DATA DROP TO THE INFORMATION









ARCHITECTS INCORPORATED 1656 West 8th Avenue Vancouver BC V6J1V4

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Revisions

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Project

1908 FOUL BAY

Multi-Unit

Residential

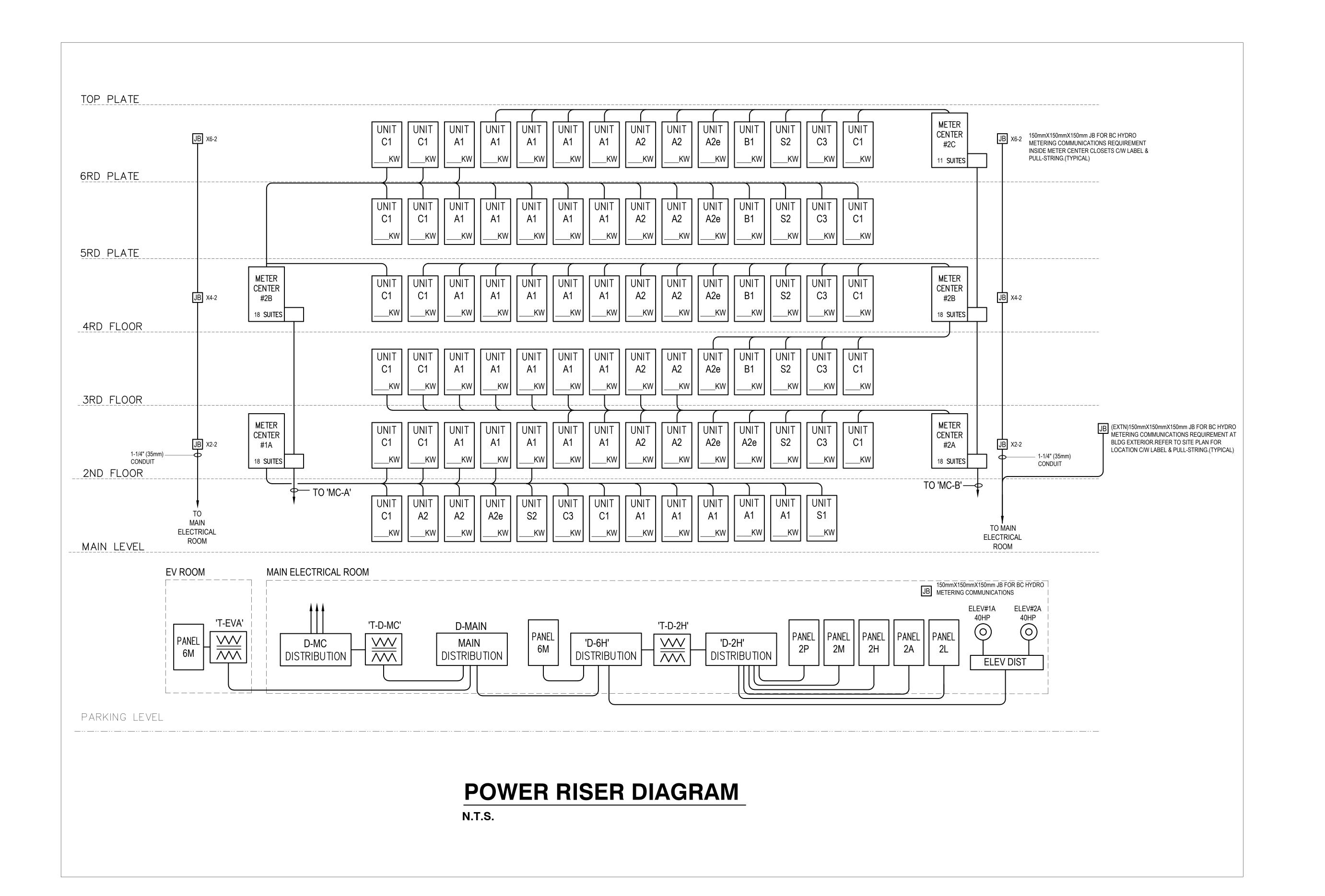




ONE-LINE DIAGRAM

Scale: N.T.S. March 31, 2025 Project No.: 15571 Checked by: MR Drawn by: -

F-201





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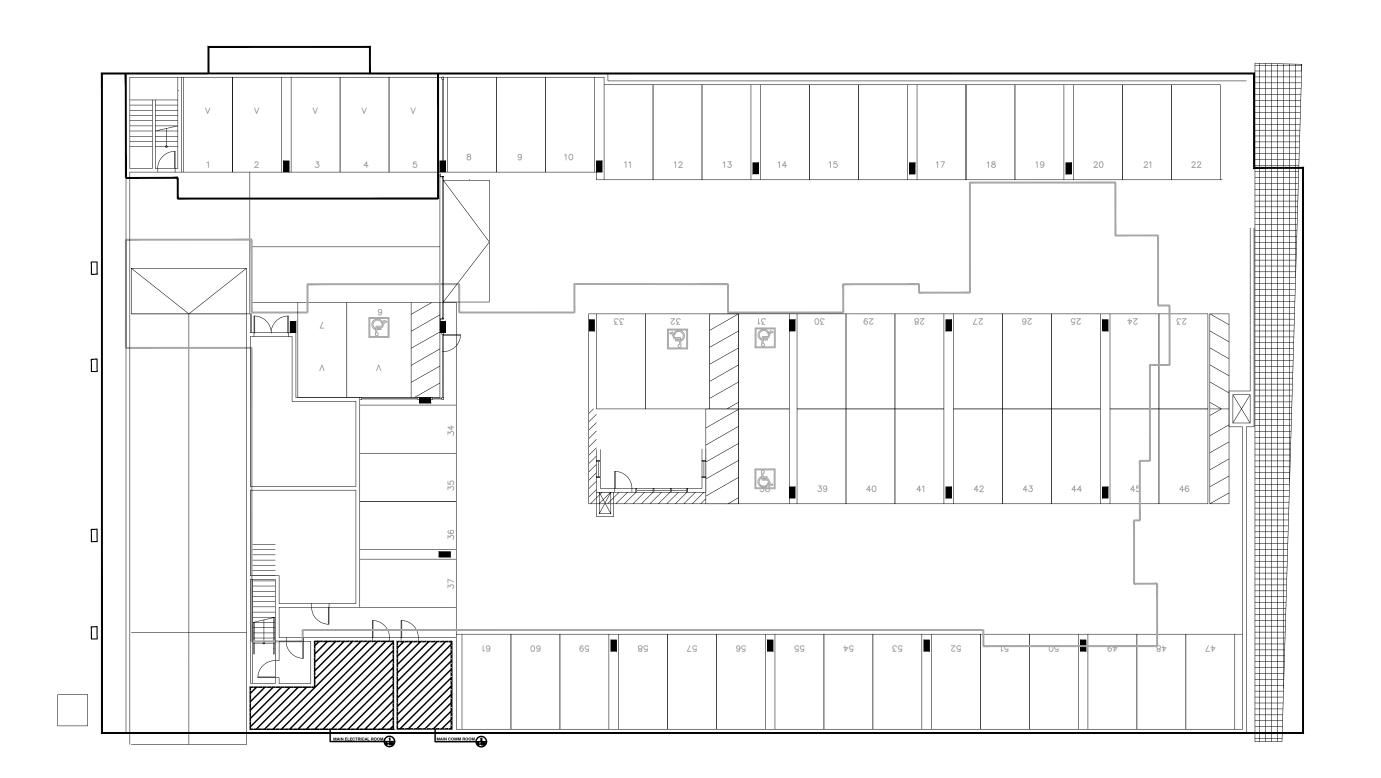
Project 1908 FOUL BAY Multi-Unit Residential

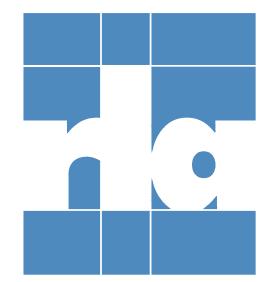




POWER RISER DIAGRAM

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Project 1908 FOUL BAY Multi-Unit Residential





P1 PARKADE PLAN

Scale: 1:200/0.5% March 31, 2025 Project No.: 15571 Checked by: MR Drawn by: -

