FINISH MATERIAL LEGEND 9 STEEL OR ALUMINUM GUARDRAILS, BALUSTRADES - SILVER W/ TRANSPARENT GLASS PANELS SPANDREL GLASS - OPAQUE BACK PAINTED "GRAY VELVET" TERRACOTTA WALL PANELS - "CREAM" GLAZED ALUMINUM CURTAIN WALL - POWDER COATED - SILVER (1A) CONCRETE PAINTED - GREY 4B FIBRE CEMENT PANEL - CHARCOAL 11) ALUMINUM CAP FLASHINGS GLAZED ALUMINUM WINDOW WALLS - POWDER COATED "GRAY VELVET" SPANDREL GLASS - OPAQUE BACK PAINTED - SILVER STEEL / GLASS CANOPIES, STEEL "CHARCOAL", TRANSPARENT GLASS INFILL 1B CONCRETE PAINTED - TRAFFIC MEMBRANE 3 BRICK - BURGUNDY- MISSION 4C FIBRE CEMENT PANEL - PAINTED GB GLAZED ALUMINUM WINDOW WALLS -STEEL OR ALUMINUM SCREENS CHARCOAL STEEL OR ALUMINUM SUN SHADE-SILVER FIBRE CEMENT V-GROOVE SIDING - 5A GLAZED ALUMINUM CURTAIN WALL - POWDER COATED "GREY VELVET" STEEL OR ALUMINUM PRIVACY SCREENS CHARCOAL W/ OPAQUE GLASS PANELS POWDER COATED - SILVER

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1116-1140 Pendrell St. Vancouver, BC

# **NORTH - EAST ELEVATION** PENDRELL ST.

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11'-10 1/2" EL.311.46' Top of Parapet
TOP OF PARAPET EL.303.75' 19th FL/Roof
TOP OF SLAB EL.275.25' **16th FL**TOP OF SLAB EL.256.917' **14th** FL TOP OF SLAB EL.247.75' 13th FL
TOP OF SLAB EL.229.417' **11th FL**TOP OF SLAB EL.220.25' 10th FL TOP OF SLAB EL.211.083' 9th FL TOP OF SLAB EL.201.917' 8th FL TOP OF SLAB EL.192.75' **7th FL**TOP OF SLAB EL.183.583' 6th FL TOP OF SLAB EL.174.417' 5th FL TOP OF SLAB EL.165.25' 4th FL TOP OF SLAB EL.156.083' 3rd FL TOP OF SLAB EL.146.917' **2nd FL**TOP OF SLAB EL.137.75' **Ground FL**TOP OF SLAB URBAN AGRIC.



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# NORTH - WEST ELEVATION

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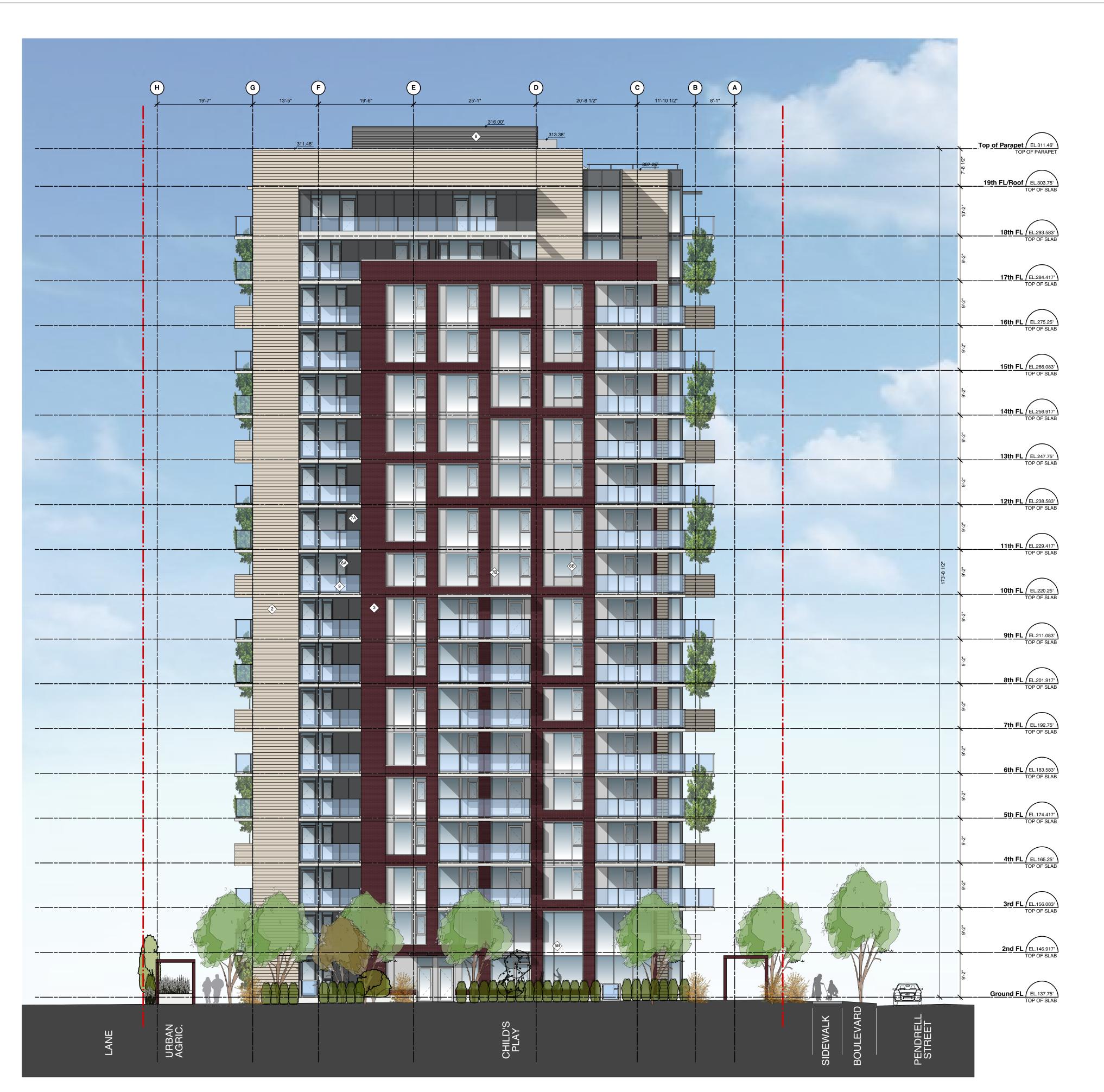
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# **SOUTH - WEST ELEVATION LANE**

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# SOUTH - EAST ELEVATION

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(1B) CONCRETE PAINTED - TRAFFIC MEMBRANE

(3) BRICK - BURGUNDY- MISSION

FIBRE CEMENT V-GROOVE SIDING - CREAM

FIBRE CEMENT PANEL - CHARCOAL

FIBRE CEMENT PANEL - PAINTED

GLAZED ALUMINUM CURTAIN WALL - POWDER COATED "GREY VELVET"

GLAZED ALUMINUM CURTAIN WALL - POWDER COATED - SILVER

GA GLAZED ALUMINUM WINDOW WALLS - POWDER COATED "GRAY VELVET"

GLAZED ALUMINUM WINDOW WALLS - POWDER COATED - SILVER

SPANDREL GLASS - OPAQUE BACK
PAINTED "GRAY VELVET"

SPANDREL GLASS - OPAQUE BACK
SPANDREL GLASS - OPAQUE BACK

9
STEEL OR ALUMINUM GUARDRAILS,
BALUSTRADES - SILVER W/
TRANSPARENT GLASS PANELS

PAINTED - SILVER

CHARCOAL

STEEL OR ALUMINUM SCREENS

STEEL OR ALUMINUM PRIVACY SCREENS CHARCOAL W/ OPAQUE GLASS PANELS

ALUMINUM CAP FLASHINGS

STEEL / GLASS CANOPIES, STEEL
"CHARCOAL", TRANSPARENT GLASS INFILL

"CHARCOAL", TRANSPARENT GLASS INFILE
STEEL OR ALUMINUM SUN SHADESILVER

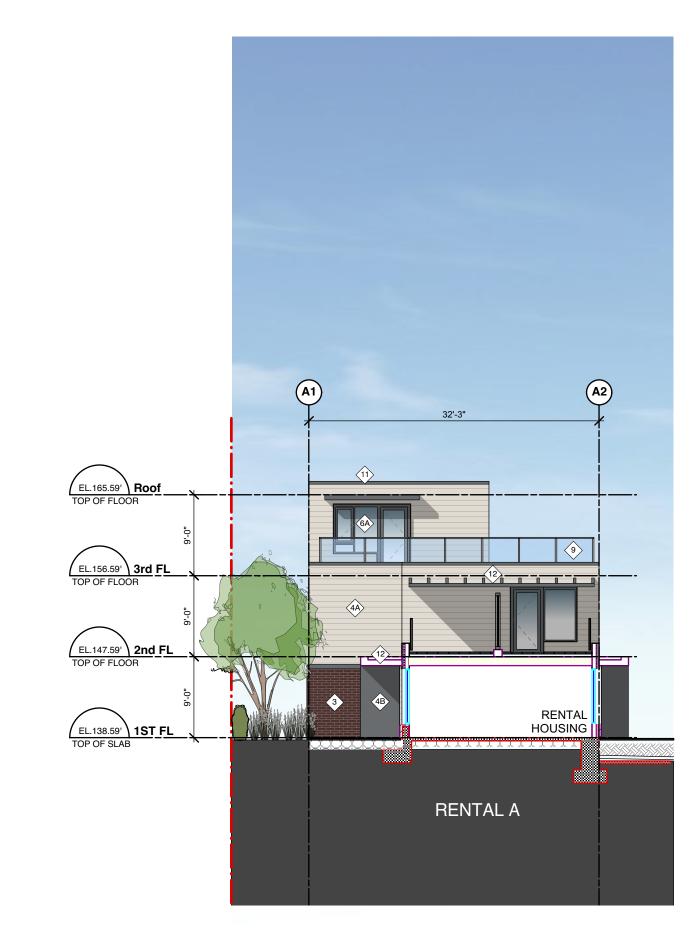
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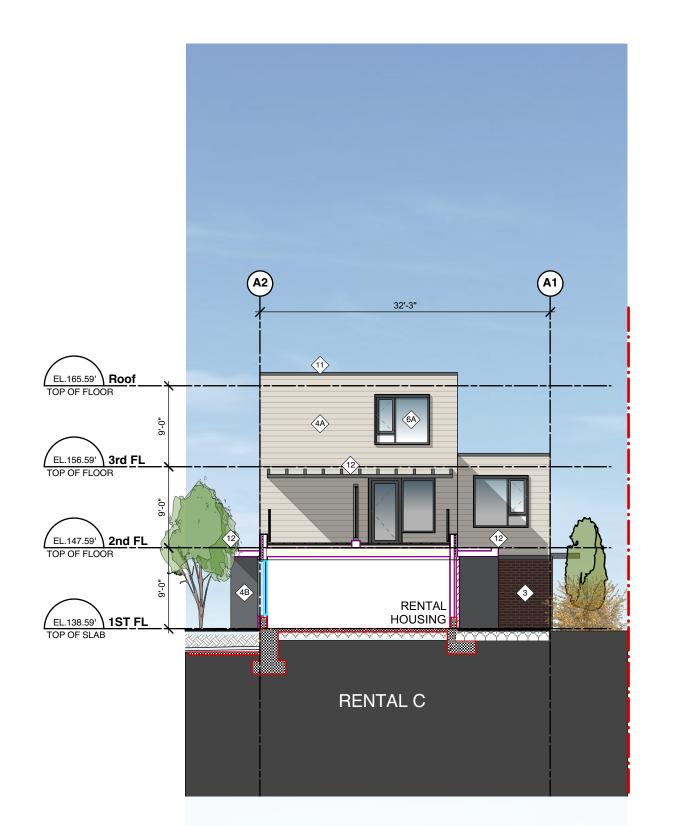
1 RENTAL BUILDINGS A&C SOUTH - EAST ELEVATION



RENTAL BUILDINGS A&C NORTH - WEST ELEVATION



RENTAL BUILDING A SOUTH - WEST ELEVATION



RENTAL BUILDING C NORTH - EAST ELEVATION

W. T. LEUNG
ARCHITECTS
INC.

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# RENTAL BUILDINGS A&C ELEVATIONS

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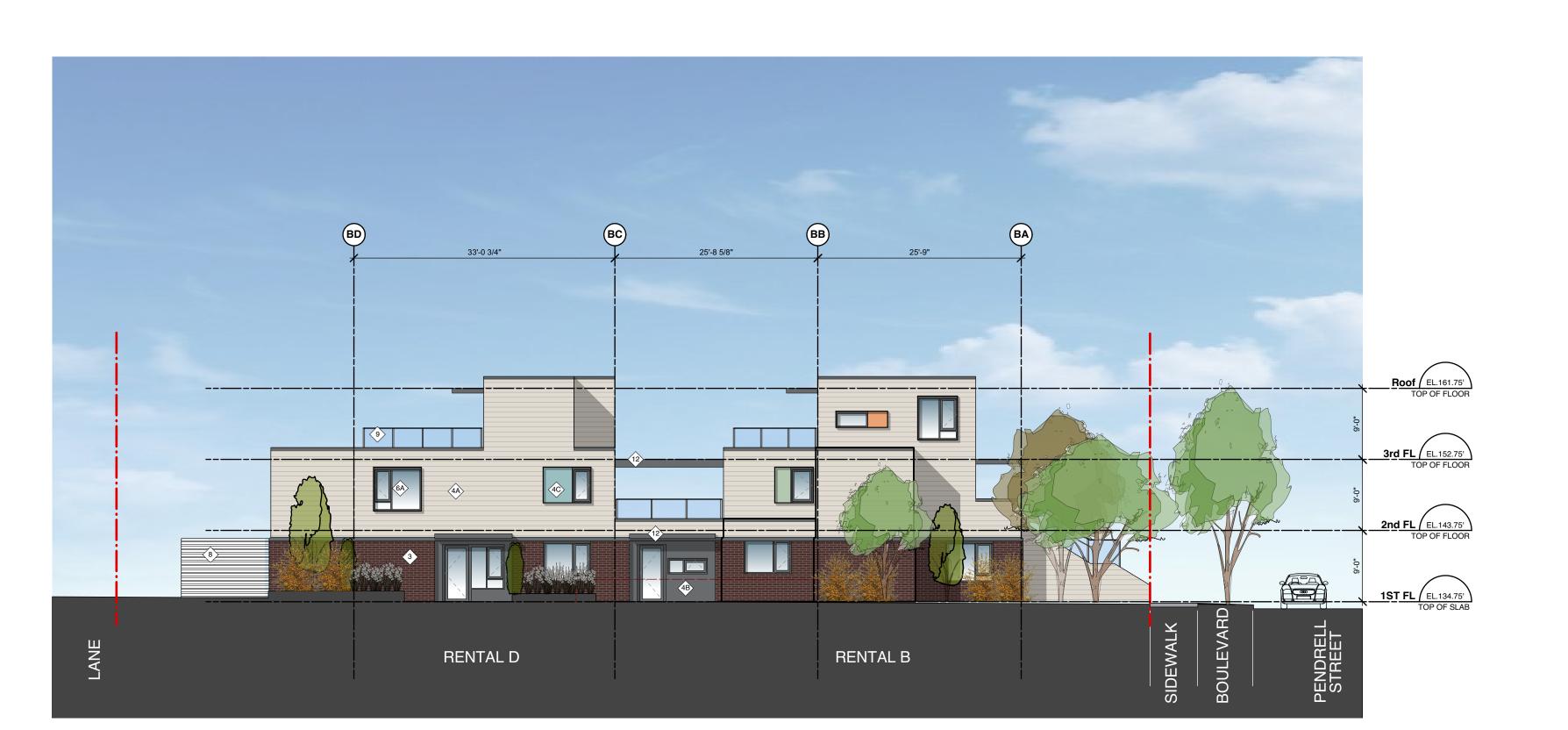
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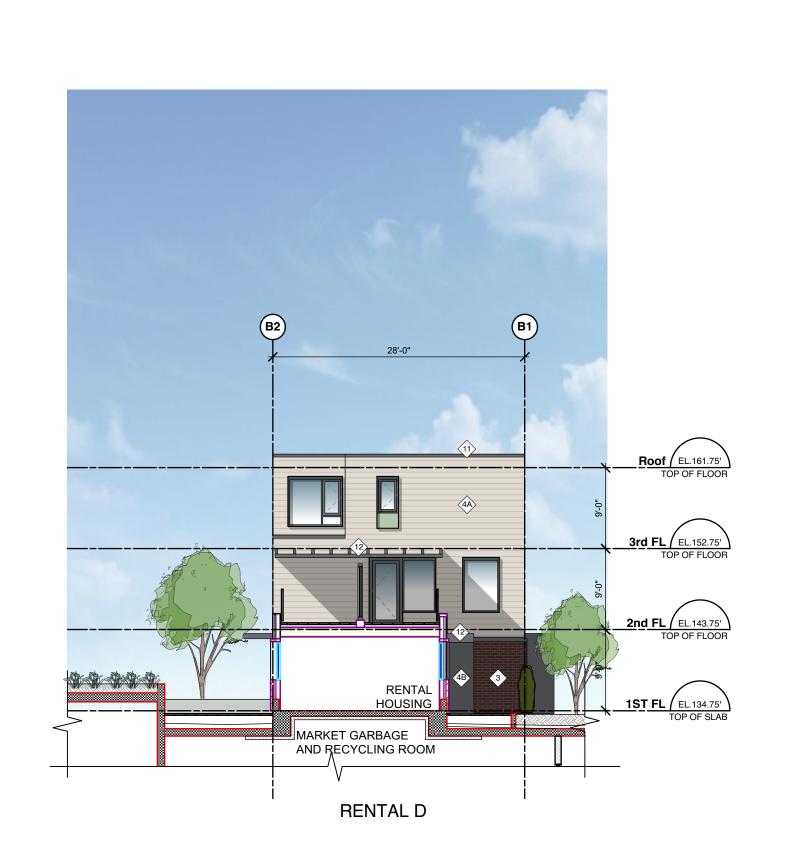
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RENTAL BUILDINGS B&D NORTH - WEST ELEVATION



RENTAL BUILDINGS B&D SOUTH - EAST ELEVATION



RENTAL BUILDING B SOUTH - WEST ELEVATION

RENTAL BUILDING D NORTH - EAST ELEVATION

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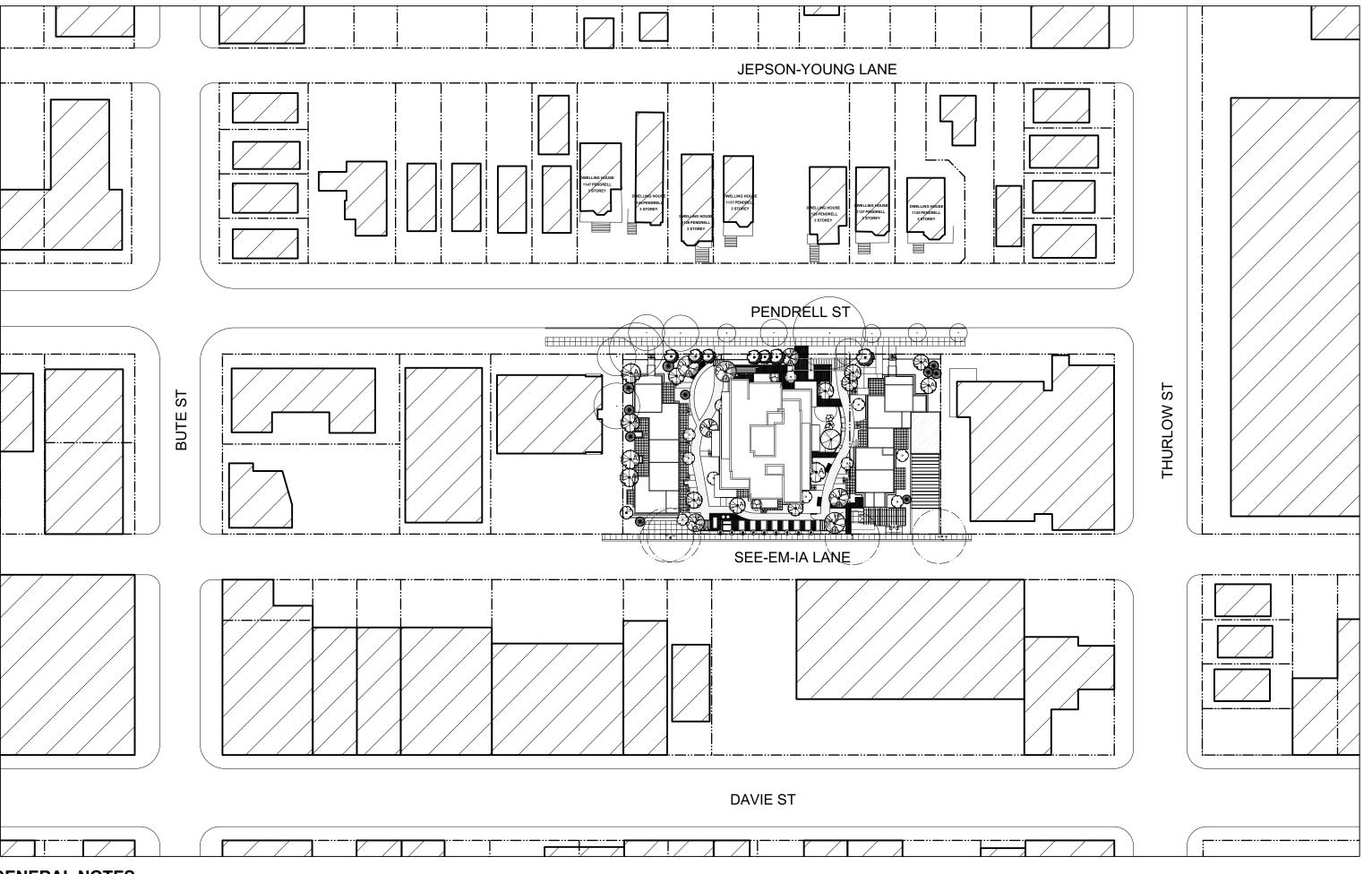
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# **RENTAL BUILDINGS B&D ELEVATIONS**

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#### **GENERAL NOTES**

Rental Level 3 FSR Overlay

Market Housing Level 1&2 FSR Overlay

Market Housing Level 3-6 & 7-9 FSR Overlay Market Housing Level 10-16 & 17 FSR Overlay

Market Housing Level 18 & Roof FSR Overlay

1. DESIGN OF THE PARKING LEVELS WITH REGARDS TO SAFETY AND SECURITY MEASURES SHALL BE IN ACCORDANCE WITH SECTION 4.13 OF THE VANCOUVER PARKING BY-LAW.

2. DESIGN AND CONSTRUCTION OF ALL CLASS 'A' BICYCLE PARKING SPACES (INCLUDING BICYCLE ROOMS, COMPOUNDS, LOCKERS, AND RACKS) SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE VANCOUVER PARKING BY-LAW.

3. ACOUSTICAL MEASURES SHALL BE INCORPORATED INTO THE FINAL DESIGN AND CONSTRUCTION BASED ON THE ACOUSTICAL CONSULTANT'S RECOMMENDATIONS.

4. MECHANICAL EQUIPMENT (INCLUDING VENTILATORS, GENERATORS, COMPACTORS, AND EXHAUST SYSTEMS) SHALL BE DESIGNED AND LOCATED TO MINIMIZE NOISE IMPACT ON THE NEIGHBOURHOOD AND TO COMPLY WITH NOISE BY-LAW #6555..

DRAW	ING LIST	PROJECT T	EAM		
A1.00 A1.01 A1.02 A1.03 A1.04 A1.05	Project Data & Context Plan Project Data Site Plan Reference Images & Streetscape Site Context Diagrams Shadow Analysis	OWNER	SKYLLEN PACIFIC 430-1650 WEST 2ND AVE VANCOUVER, BC V6J 1H4 TEL: (604) 629-8402 FAX: CONTACT: HAN WANG/ CHARLES CUI	ELECTRICAL	NEMETZ & ASSOCIATES 2009 W 4TH AVE VANCOUVER, BC V6J 1N3 TEL: (604) 736-6562 FAX: CONTACT:
A1.06	Perspectives	ARCHITECT	W.T. LEUNG ARCHITECTS, INC.	ENVELOPE	MORRISON HERSHFIELD SUITE 310, 4321 STILL CREEK DRIVE
A2.00 A2.01 A2.02 A2.03	Level PL-4 Floor Plan Level PL-3 Floor Plan Level PL-2 Floor Plan Level PL-1 Floor Plan		#300 - 973 WEST BROADWAY VANCOUVER, BC V5Z 1K3 TEL: (604) 736-9711 FAX: (604) 736-7991 CONTACT: WING LEUNG		BURNABY, BC V5C 6S7 TEL: (604) 454-0402 FAX: CONTACT: JAMESON VONG
A2.04 A2.05 A2.06 A2.07 A2.08 A2.09 A2.10	Level 1 Floor Plan Level 2 Floor Plan Level 3 Floor Plan Level 4-6 Floor Plan Level 7-9 Floor Plan Level 10-16 Floor Plan Level 17 Floor Plan	LANDSCAPE ARCHITECT	ETA LANDSCAPE ARCHITECTURE 1690 WEST 2ND AVENUE VANCOUVER, BC V6J 1H4 TEL: (604) 683-1456 FAX: (604) 683-1459 CONTACT: DARYL TYACKE	GEOTECHNICAL	GEOPACIFIC 1779 WEST 75TH AVE VANCOUVER, BC V6P 6P2 TEL: (604) 562-1054 FAX: CONTACT: JAMES CARSON
A2.11 A2.12 A2.13	Level 18 Floor Plan Roof Plan Roof of Roof Access Plan	PROJECT MANAGER	URBAN WEST PROJECTS INC. 430-1650 WEST 2ND AVE VANCOUVER, BC V6J 1H4 TEL: (604) 763-7678	SUSTAINABILITY	KANE CONSULTING #408, 535 THURLOW ST VANCOUVER, BC V6E 3L2 TEL: (604) 924-0094
A3.00 A3.01 A3.02	North / East Elevation (Pendrell) North / West Elevation South / West Elevation (Lane)		FAX: CONTACT: LARRY KERR/ANDREW GRAHAM		FAX: CONTACT: DAN ROBERTS
A3.03 A3.04 A3.05	South / <b>East</b> Elevation Rental Buildings A&C Elevations Rental Buildings B&D Elevations	STUCTURAL	RJC ENGINEERS 300 - 1258 WEST BROADWAY VANCOUVER, BC V6H 3X8 TEL: (604) 738-0048 FAX:	CIVIL	BINNIE 300-4940 CANADA WAY BURNABY, BC V5G 4K6 TEL: (604) 420-1721 FAX: CONTACT: SPENCER SMYTHIES
A4.00 A4.01	East / West Building Section 1-1 North / South Building Section 2-2	MECHANICAL	CONTACT: JOSIF GOLUBOVIC  YONEDA & ASSOCIATES 720 - 1140 W PENDER ST	SURVEYOR	HOBBS, WINTER & MACDONALD BC LAND SURVEYORS 113-828 HARBOURSIDE DRIVE
FSR-1 FSR-2 FSR-3	Rental Level 1 FSR Overlay Rental Level 2 FSR Overlay Rental Level 3 FSR Overlay		VANCOUVER, BC V6E 4G1 TEL: (604) 684-3412 FAX: (604) 684-3884		NORTH VANCOUVER, BC V7P 3R9 TEL: (604) 986-1371 FAX: (604) 986-5204 CONTACT: DAN MACHON

CONTACT: ALEXIS LAM

ZONING ANALYSIS	
Civic Address	1116-1140 Pendrell Street, Vancouver, BC
Legal Description	LOT 3, PLAN VAP92 AND STRATA PLAN VAS324, ALL OF BLOCK 24, DISTRICT LOT 185, NEW WESTMINSTER
Zoning	Existing: RM-5B
	Proposed: RM-5B
Use	Existing: Rental Multi-Family Residential
	Proposed: Rental & Market Multi-Family Residential

	rec	quired / allowed		proposed
	imperial	metric	imperial	metric
Site Area	30,261.0 sqft	2,811.2 sqm		
Gross Area- Rental Housing			10,868.2 sqft	1009.7 sqm
Gross Area- Market Housing			88,104.9 sqft	8184.9 sqm
Total Gross Area (Rental + Market Housing)			98,973.1 sqft	9194.6 sqm
Total Exemptions			7,434.5 sqft	690.7 sqm
Total Net Area	91,539.5		91,538.6 sf	8503.9 sqm
NET FSR (2.75 + 0.275 (10%) Heritage Transfer Bonus)	3.025			3.025
Amenity space			1,359.6 sf	126.3 sqm
Site coverage %	50%		34.1%	
Site coverage area			10,322.0 sf	958.9 sqm
Building Height - Average		18 Storeys	175.0 ft	53.3 m
Setback NORTHEAST(Lane)	6.9 ft	2.10 m	15.00 ft	4.57 m
Setback FRONT (Pendrell Street)	12.1 ft	3.70 m	15.33 ft	4.67 m
Setback SIDE (Neighbour 1160 Pendrell)	6.89 ft	2.10 m	8.42 ft	2.57 m
Setback SIDE (Neighbour 1155 Pendrell )	6.9 ft	2.10 m	9.58 ft	2.92 m

#### CAR PARKING ANALYSIS VPBL SECTION 4

Residential Parking Stalls-Rental Housing	re	quired / allowed	proposed
min. Reg'd.1 stall per 140 sqm gross (VPB 4.3.3 (a))	16 units	7 stalls	7 stalls
H/C Stalls 1 per first 7 units + 0.034 per additinal units(VPB 4.8.4 (a))		1 (min.)	1 stalls
Residential Parking Stalls-Market Housing			
min. Req'd.1 stall per 140 sqm gross (VPB 4.3.3 (a))		58 stalls	153 stalls

total no. of stalls Visitors			4 stalls
min. 0.05 of total number of dweling units; (max. 0.1) (VPB 4.1.16	125 units	4 stalls	4 stalls

42 (max.)

#### **BICYCLE PARKING ANALYSIS for Rental Housing** VPBL SECTION 6

Small Car Stalls (VPBL 4.1.8) max. 25% of total parking req'd for all uses combined

Bicycle Parking Residential Class A		required./ allowed deduc	ction/ addition	proposed
1.5 stall per Unit under 66 sqm (VPBL 6.2.1.2)	11 units	17 stalls	0 stalls	
2.5 stall per Unit Between 66 sqm and 105 sqm (VPBL 6.2.1.2)	5 units	13 stalls	0 stalls	
3 stall per Unit over 105 sqm (VPBL 6.2.1.2)	0 units	0 stalls	0 stalls	
Total	16 stalls	29 stalls	0 stalls	30 stalls
Bicycle Parking Residential Class B				
min. of 2 spaces for any develop. with a min. of 20 units (VPBL 6.	16 units	0 stalls	0 stalls	
additional space for every additional 20 units (VPBL 6.2.1.2)		0 stalls	0 stalls	1 stalls
Bicycle stalls as per VPBL 6.3.13 and 6.3.13A				
min. 60 % horizontal Bicycle Stalls (VPBL 6.3.13)		17.4 stalls	0 stalls	19 stalls
max. 25 % vertical Bicycle Stalls (VPBL 6.3.13)		7 stalls	0 stalls	6 stalls
min. 10 % Bicycle Lockers (VPBL 6.3.13A)		3 stalls	0 stalls	3 stalls
min. 5 % oversize Bicycle Stalls (VPBL 6.3.9)		1 stalls	0 stalls	2 stalls
NOTE: Each two class A bicycle stall must have electrical outlet (VPBL 6.3.2	21)			

#### BICYCLE PARKING ANALYSIS for Market Housing

Bicycle Parking Residential Class A				
1.5 stall per Unit under 66 sqm (VPBL 6.2.1.2)	69 units	104 stalls	0 stalls	
2.5 stall per Unit Between 66 sqm and 105 sqm (VPBL 6.2.1.2)	38 units	95 stalls	0 stalls	
3 stall per Unit over 105 sqm (VPBL 6.2.1.2)	2 units	6 stalls	0 stalls	
Total	109 units	205 stalls	0 stalls	205 stalls
Bicycle Parking Residential Class B				
2 spaces for any develop. with a min. of 20 units (VPBL 6.2.1.2)	125 units	2 stalls	0 stalls	
additional space for every additional 20 units (VPBL 6.2.1.2)		5 stalls	0 stalls	
Total	125 units	7 stalls	0 stalls	7 stalls
Bicycle stalls as per VPBL 6.3.13 and 6.3.13A				
min. 60 % horizontal Bicycle Stalls (VPBL 6.3.13)		122.7 stalls	0 stalls	145 stalls
max. 25 % vertical Bicycle Stalls (VPBL 6.3.13)		51 stalls	0 stalls	28 stalls
min. 10 % Bicycle Lockers (VPBL 6.3.13A)		20 stalls	0 stalls	22 stalls
min. 5 % oversize Bicycle Stalls (VPBL 6.3.9)		10 stalls	0 stalls	10 stalls

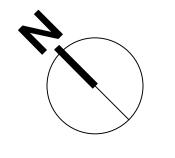
#### LOADING SPACE ANALYSIS

VPBL SECTIO	N 5

Residential Loading Space Class A	required./ allowed dedu	ıction/ addition	proposed
no requirement (VPBL 5.2.1)	0 spaces	0 spaces	0 spaces
Residential Loading Space Class B			
1 space for more than 100 dwelling units (VPBL 5.2.1)	1 space	0 spaces	1 space



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0 stalls

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CONTACT: DAN MACHON

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#### **UNIT SUMMARY**

Total Rental Housing + Market Housing

Total Enclosed Balcony

69 Units 37 Units 3 Units 109 Units	63.3 % 33.9 % 2.8 % 100.0 %
37 Units	33.9 %
37 Units	33.9 %
69 Units	63.3 %
16 Units	100.0 %
6 Units	37.5 %
6 Units	37.5 %
4 Units	25.0 %
	6 Units 6 Units <b>16 Units</b>

		Exemptions					
Market Housing	Gross	Amenity	Off-Street	Storage	Wall Exemption	Total Exemptions	Net FSR Area
Floor 1	5,092.8 sf	1,359.6 sf	71.5 sf	138.3 sf	26.1 sf	1,595.5 sf	3,497.3 st
Floor 2	3,160.2 sf	0.0 sf		151.3 sf	14.7 sf	166.0 sf	2,994.2 sf
Floor 3	5,095.5 sf			300.8 sf	27.1 sf	327.9 sf	4,767.6 sf
Floor 4	5,095.5 sf			300.8 sf	27.1 sf	327.9 sf	4,767.6 sf
Floor 5	5,095.5 sf			300.8 sf	27.1 sf	327.9 sf	4,767.6 sf
Floor 6	5,095.5 sf			300.8 sf	27.1 sf	327.9 sf	4,767.6 sf
Floor 7	5,076.3 sf			271.7 sf	28.4 sf	300.2 sf	4,776.1 sf
Floor 8	5,076.3 sf			271.7 sf	28.4 sf	300.2 sf	4,776.1 sf
Floor 9	5,076.3 sf			271.7 sf	28.4 sf	300.2 sf	4,776.1 sf
Floor 10	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 11	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 12	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 13	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 14	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 15	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 16	5,060.3 sf			241.5 sf	29.8 sf	271.4 sf	4,789.0 sf
Floor 17	4,100.3 sf			161.1 sf	15.1 sf	176.2 sf	3,924.1 sf
Floor 18	4,063.2 sf			80.9 sf	15.1 sf	96.0 sf	3,967.2 sf
Roof	655.4 sf			0.0 sf	0.0 sf	0.0 sf	655.4 sf
Total Market Housing	88,104.9 sf	1,359.6 sf	71.5 sf	4,240.6 sf	473.4 sf	6,145.1 sf	81,959.8 sf
Rental Housing							
Floor 1	5,229.2 sf		180.8 sf	244.2 sf	321.7 sf	746.8 sf	4,482.5 sf
Floor 2	3,912.9 sf		87.3 sf	256.8 sf	132.2 sf	476.4 sf	3,436.5 sf
Floor 3	1,726.0 sf			0.0 sf	66.2 sf	66.2 sf	1,659.8 sf
Total Rental Housing	10,868.2 sf	0.0 sf		501.0 sf	520.2 sf	1,289.4 sf	9,578.8 sf

0.0 sf

98,973.1 sf 1,359.6 sf

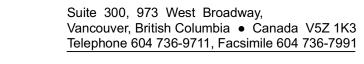
#### **BALCONY SUMMARY** Patio Encl. Balcony Floor Open Balcony Floor 1 (Rental) 0.0 sf 1549.7 sf Floor 2 (Rental) 0.0 sf 1004.1 sf 0.0 sf 1813.7 sf Floor 3 (Rental) Floor 1 (MH) 0.0 sf 466.3 sf 431.6 sf 0.0 sf Floor 2 (MH) Floor 3 (MH) 872.6 sf 0.0 sf 872.6 sf 0.0 sf Floor 4 (MH) 872.6 sf 0.0 sf Floor 5 (MH) 872.6 sf 0.0 sf Floor 6 (MH) Floor 7 (MH) 766.0 sf 0.0 sf Floor 8 (MH) 766.0 sf 0.0 sf 0.0 sf Floor 9 (MH) 766.0 sf Floor 10 (MH) 659.9 sf 0.0 sf 659.9 sf 0.0 sf Floor 11 (MH) 659.9 sf 0.0 sf Floor 12 (MH) Floor 13 (MH) 659.9 sf 0.0 sf 659.9 sf 0.0 sf Floor 14 (MH) 0.0 sf Floor 15 (MH) 659.9 sf 659.9 sf 0.0 sf Floor 16 (MH) 332.8 sf 875.7 sf Floor 17 (MH) Floor 18 (MH) 728.4 sf 0.0 sf Roof (MH) 0.0 sf 1229.4 sf Total 11,899.8 sf 6,938.9 sf 0.0 sf Net FSR Area 91,539.5 sf Total Balcony (balcony+patio+enclosed balcony) 20.6% 18,838.7 sf Total Open Balcony 11,899.8 sf 13.0% (allowed 12%)

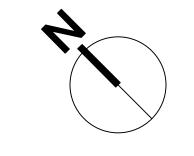
993.5 sf

4,741.6 sf

7,434.5 sf

91,538.6 sf





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1 2020-01-23 ISSUED FOR DP 2 2020-09-30 RE-ISSUED FOR DP

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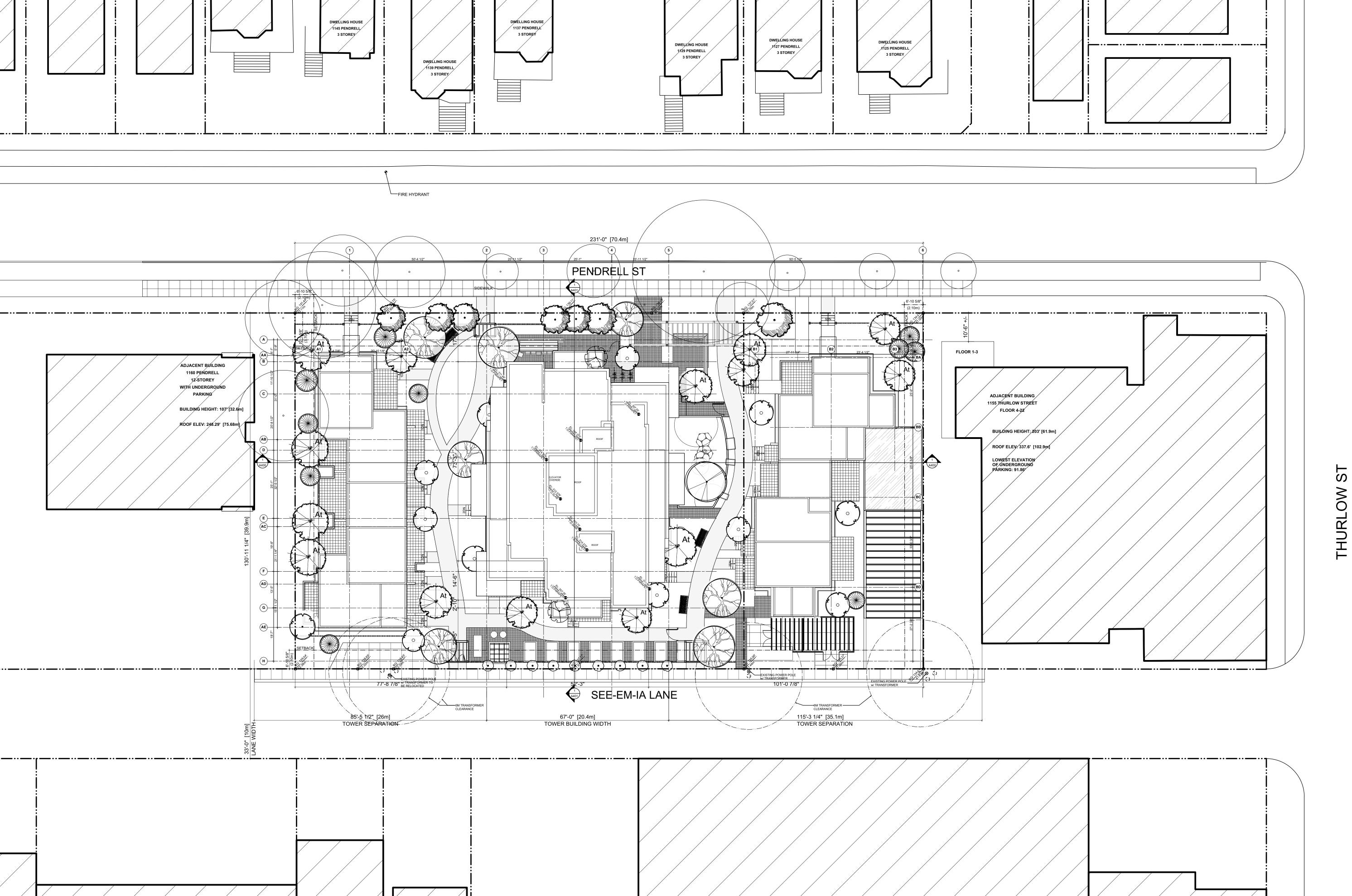
Site Plan

JOB NO.	01-19
DRAWN	WTLA
DATE	Jan. 23, 2020
SCALE	1/8" = 1'-0"

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A1.02

Appendix C: Page 9 of 13



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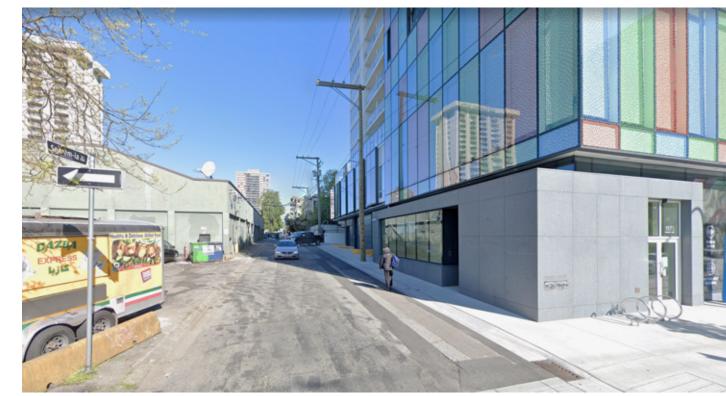


THURLOW ST AND PENDRELL ST LOOKING WEST

PENDRELL ST LOOKING EAST



PENDRELL ST LOOKING SOUTHWEST







SEE-EM-IA LANE LOOKING EAST



JEPSON-YOUNG LANE







STREETSCAPE PENDRELL ST SCALE 1/32" = 1'-0"

A1.03

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Reference

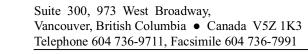
Images &

Streetscape

JOB NO. **01-19** 

CHECKED WTL

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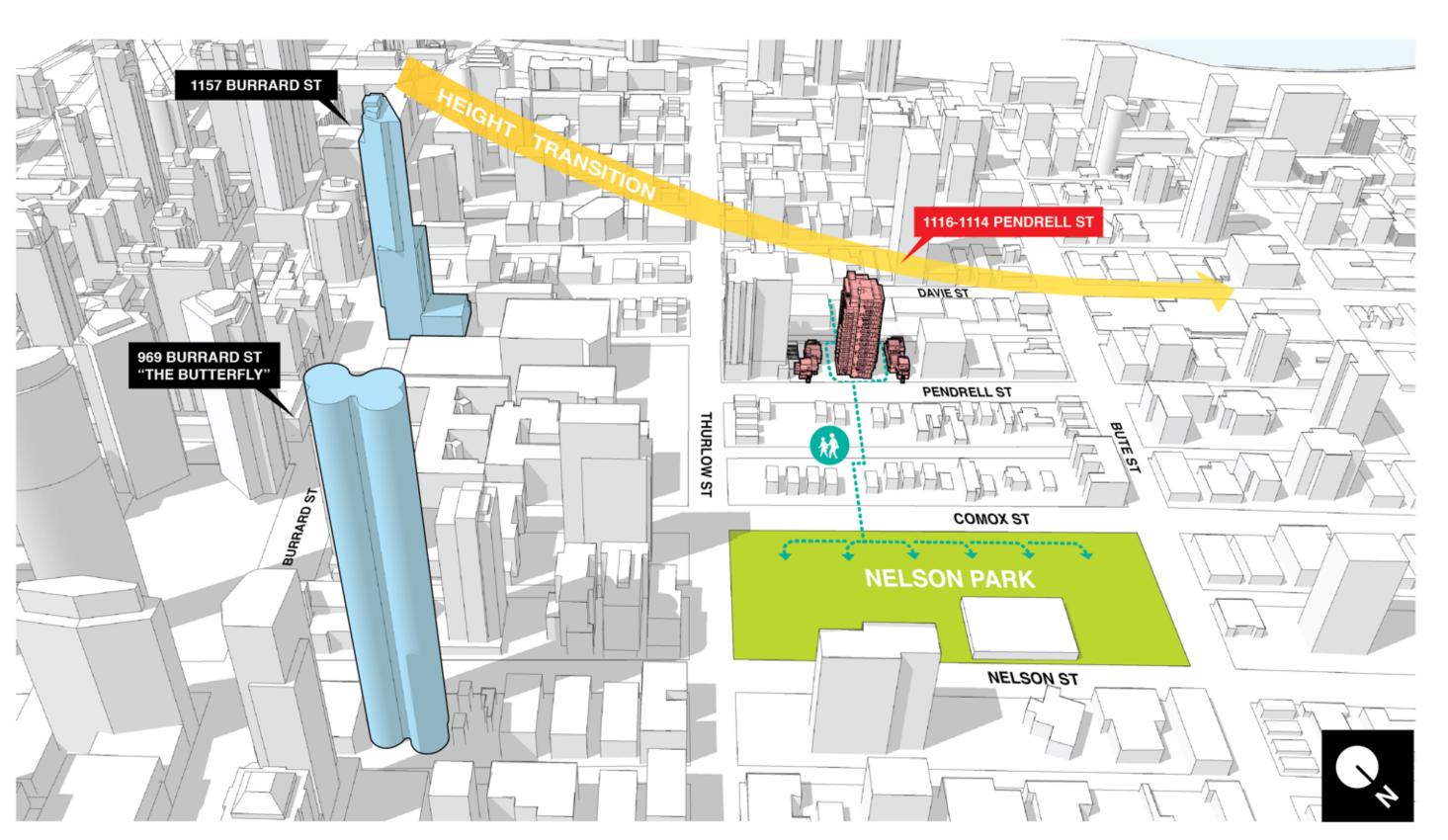
POTENTIAL MID-BLOCK PEDESTRIAN CROSSING AT DAVIE STREET PER WEST END COMMUNITY PLAN

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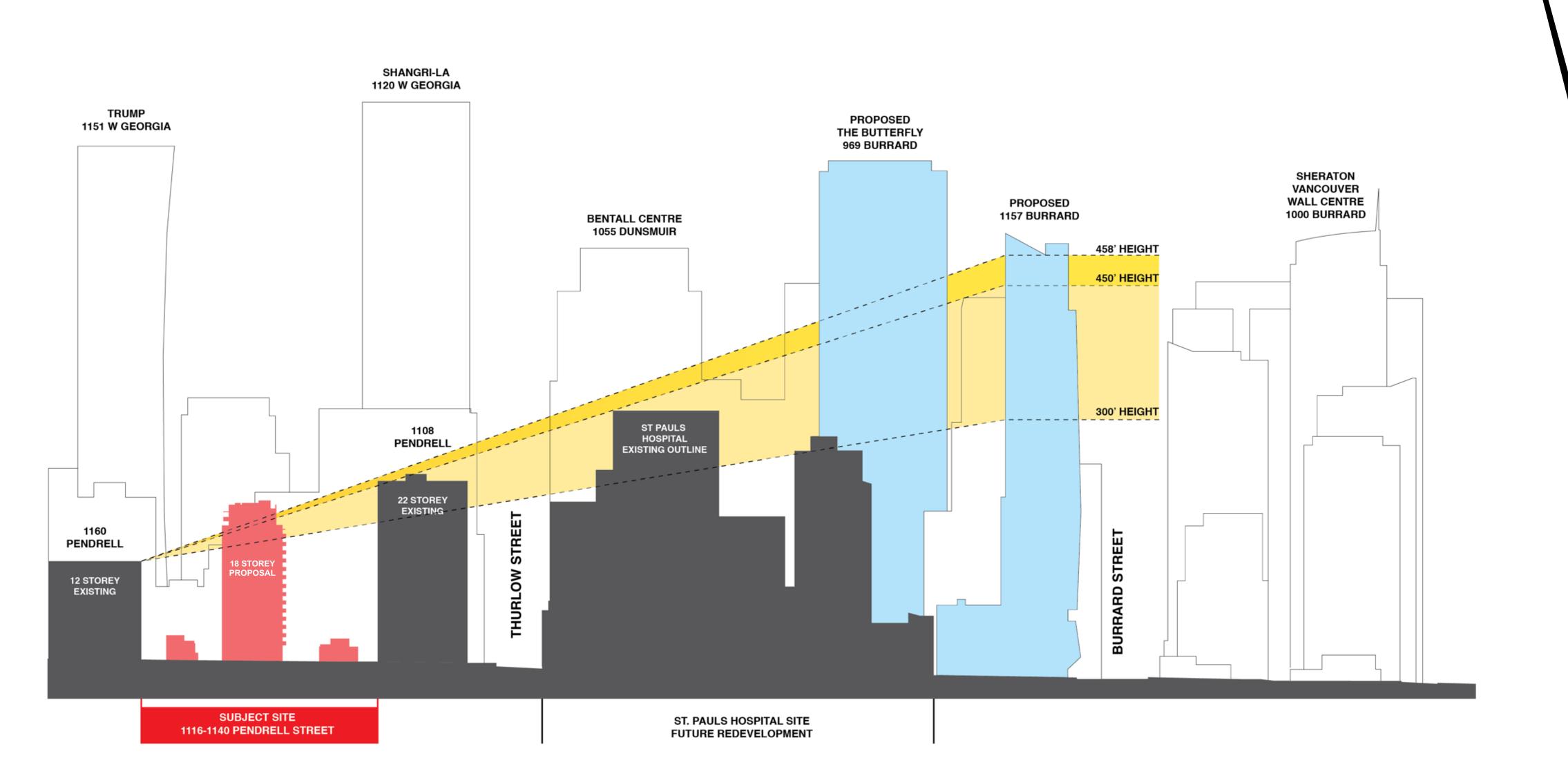
# Site Context Diagrams

JOB NO.	01-19
DRAWN	AW
DATE	January 23, 2020
SCALE	N/A
CHECKED	WTL
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TOWER HEIGHT TRANSITION DIAGRAM WITH SITE CONTEXT



PERMEABILITY THROUGH THE SITE TOWARDS NELSON PARK



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MARCH 21 2:00 PM (UTC-7:00)



JEPSON-YOUNG LANE

PENDRELL ST.

SEE-EM-IA LANE

DAVIE ST.

MARCH 21 10:00 AM (UTC-7:00)

SEPTEMBER 21 10:00 AM (UTC-7:00)

JEPSON-YOUNG LANE PENDRELL ST. SEE-EM-IA LANE

SEPTEMBER 21 12:00 PM (UTC-7:00)



SEPTEMBER 21 2:00 PM (UTC-7:00)

**Shadow Analysis** 

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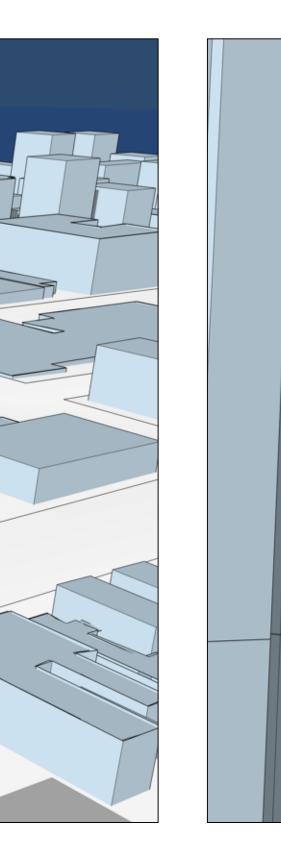


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AERIAL VIEW OF PENDRELL ST. AND THURLOW ST. FROM SOUTHEAST





AERIAL VIEW OF SEE-EM-IA LANE FROM SOUTH



PENDRELL ST.

VIEW OF PENDRELL ST. FROM NORTH WEST

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# **Perspectives**

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