# Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION POLYGON 2023-05-29



	DRAWING LIST
Number	Name
	•
A-00.02	STATISTICS
A-00.03	DESIGN RATIONALE & MASSING
A-00.04a	REAP Checklist
A-00.04b	REAP Checklist
A-0.20	LEGAL SURVEY
A-0.21	SURVEY
A-00.30	CONTEXT PLAN
A-00.31	SITE PLAN
A-00.40	SHADOW STUDIES
A-01.00	PLANS - P3
A-01.01	PLANS - P2
A-01.02	PLANS - P1
A-01.03	PLANS - LEVEL 1
A-01.04	PLANS - LEVEL 2
A-01.05	PLANS - LEVEL 3
A-01.06	PLANS - LEVEL 4
A-01.11	PLANS - LEVEL 9
A-01.18	PLANS - LEVEL 16
A-01.19	PLANS - ROOF
A-02.01	ELEVATION - NORTH WEST
A-02.02	ELEVATION - NORTH EAST
A-02.03	ELEVATION - SOUTH EAST
A-02.04	ELEVATION - SOUTH WEST
A-03.01	SECTION A-A
A-03.02	SECTION B-B
A-03.03	SECTION C-C
A-84.02	3D IMAGERY
A-84.03	3D IMAGERY

### PROJECT TEAM:

POLYGON
OWNER COMPANY
SABAH CHRISTIANSON - DM CONTACT NAME
AUA CRITICAL PROME
Exhibitionson/Solvenous row
FMAIL

ARCHITECT
GBLARCHITECTS INC.
PAUL GOODWIN - PRINCIPAL
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LANDSCAPE ARCHITECT

HAPA COLLABORATIVE

SARAH SIGEL

404. 199 4.150 e. 118 604. 199 4.150

STRUCTURAL ENGINEER
KOR STRUCTURAL
JOHN MARKULIN
CONTACT NAME
778 623 1900
PHONE

ARBORIST

DAMONIO HEAD

MAS RATHEURN - PRINCIPAL
604 732 4886

PRINCIPAL

mastidiam-morthead-consulting com
EMAL

SURVEY
APUN AND MARTIN
CONTACT NAME
CONTACT





A VARIANCE WILL BE REQUIRED FOR THE OVERALL BUILDING HEIGHT.
THE BUILDING MEASURED FORM THE LI FLOOR SLAB ELEVATION OF 254.00° TO THE TOP OF PARAPET OF THE ROOF AT 416.50° IS 142.50° OR 49.53m
THE BASE PLAN OF AMIS IN INCRESSED ON THE BUILDING SECTION DRAWNINGS.

78.12m (West) 91.12m (South) 71.20m (East) 86.552m (North)
4.114.64 sq.ft. 4.470.00 m<sup>2</sup>
1.56 Permitted: 156.401.38 sq.ft. 15.645.00 m<sup>2</sup>
2.69 Total Permitted: 156.401.38 sq.ft. 15.645.00 m<sup>2</sup>
25.314.00 sq.ft.

DENSITY COMPLIANCE

### FSR Area 3.50 168,369.60

PROPOSAL SUMMA			DEDUCTIONS		
	Gross Residential	Gross Total Area	FSR Excludable	Net Area and Net FSR	
Proposed Area	180,442.16	180,442.16	12,072.56	168,369.60	sq.f
Proposed FAR		3.75	12,072.56	3.50	

15,642.05 m<sup>2</sup>

r repessed r rait			12,012.00	0.00								
RESIDENTIAL												
TOWER	Gross Floor Area							Deductions				FSR
Level	Unit Count	Unit Area	Internal Circ./Service	Amenity (Max 10%)	Storage	Mechanical	Total Gross Area [sq.ft.]	Amenity (Max 10%)	Storage	Mechanical	Total Deductions	Net Area (sq.ft.)
	A	В	C	D	E	F	G [B+C+D+E+F]	н	1	J	K [H+I+J]	L [K-G]
Level 1	10	5,050.33	3,234.03	1,614.45	398.64	80.51	10,377.96	1,614.45	398.64	80.51	2,093.60	8,284.36
Level 2	11	5,268.46	1,377.72	0.00	439.69	88.51	7,174.38	0.00	439.69	88.51	528.20	6,646.18
Level 3	16	8,187.18	1,377.72	0.00	639.37	128.71	10,332.98	0.00	629.00	128.71	757.71	9,575.27
Level 4	16	8,187.18	1,377.72		639.37	128.71	10,332.98		639.37	128.71	768.08	9,564.90
Level 5	16	8,187.18	1,377.72		639.37	128.71	10,332.98	0.00	639.37	128.71	768.08	9,564.90
Level 6	16	8,187.18	1,377.72	0.00	639.37	128.71	10,332.98	0.00	639.37	128.71	768.08	9,564.90
Level 7	16	8,187.18	1,377.72	0.00	639.37	128.71	10,332.98	0.00	639.37	128.71	768.08	9,564.90
Level 8	16	8,187.18	1,377.72	0.00	639.37	128.71	10,332.98	0.00	639.37	128.71	768.08	9,564.90
Level 9	12	8,701.20	1,356.90	0.00	480.00	96.64	10,634.74	0.00	480.00	96.64	576.64	10,058.10
Level 10	12	8,701.20	1,356.90	0.00	480.00	96.64	10,634.74	0.00	480.00	96.64	576.64	10,058.10
Level 11	12	8,701.20	1,356.90		480.00	96.64	10,634.74		480.00	96.64	576.64	10,058.10
Level 12	12	8,701.20	1,356.90		480.00	96.64	10,634.74		480.00	96.64	576.64	10,058.10
Level 13	12	8,701.20	1,356.90	0.00	480.00	96.64	10,634.74	0.00	480.00	96.64	576.64	10,058.10
Level 14	12	8,701.20	1,356.90		480.00	96.64	10,634.74		480.00	96.64		10,058.10
Level 15	12	8,701.20	1,356.90	0.00	480.00	96.64	10,634.74	0.00	480.00	96.64	576.64	10,058.10
Level 16	6	8,099.12	1,154.74	0.00	240.00	48.17	9,542.03	0.00	240.00	48.17	288.17	9,253.86
Total							163,535.43	3				151,990.87
CITY HOMES												FSR
Level 1	11	6,018.53				88.00	6,106.53	3		88.00	88.00	6,018.53
Level 2		5,707.20			440.00		6,147.20		440.00		440.00	5,707.20
Level 3		4,653.00					4,653.00					4,653.00
Total							16,906.73	3				16,378.73
Combined Total	218	144,828,12	23.531.11	1,614,45	8,714.55	1,753,93	180,442,16	1614,45	8,704,18	1,753,93	12,072,56	168,369.60

769.64 m²
617.45 m²
889.57 m²
888.61 m²
888.61 m²
888.61 m²
988.61 m²
934.43 m²
934.43 m²
934.43 m²
934.43 m²
934.43 m²
934.43 m²

16,763.63 m<sup>2</sup>

UNIT MIX							
UNIT MIX	A: STUDIO	B: 1-B	C: 1-B+D	D: 2-B (2BA)	E: 3B+D (2BA) PH	F: 3 BR-CH	Total
Level 1	5	2	2	1	0	11	21
Level 2	4	5	2	0	0	0	11
Level 3	4	8	4	0	0	0	16
Level 4	4	8	4	0	0	0	16
Level 5	4	8	4	0	0	0	16
Level 6	4	8	4	0	0	0	16
Level 7	4	8	4	0	0	0	16
Level 8	4	8	4	0	0	0	16
Level 9	0	0	6	6	0	0	12
Level 10	0	0	6	6	0	0	12
Level 11	0	0	6	6	0	0	12
Level 12	0	0	6	6	0	0	12
Level 13	0	0	6	6	0	0	12
Level 14	0	0	6	6	0	0	12
Level 15	0	0	6	6	0	0	12
Level 16	0	0	0	0	6	0	6
Total	33	55	70	43	6	11	218
Mix	15%	25%	32%	20%	3%	5%	100%
Polygon Desired Mix	32.7	61	76	44	7	11	
rotygon Desired MIX	15%	28%	35%	20%	3%	5%	

PARKING COMPLIANCE

PROPOSED PARKI	NG CALCULATION			
BY-LAW (7-2 UBC Deve				
RESIDENTIAL				
	, i.e.	UNITS	PERMITTED	PROVIDED
Max 2.0 per Townhouse	Principal Dwelling Unit	11	22	2
Max. of the Lesser of:	1.0 of 70m <sup>2</sup> of Building A 16,763.63		239	24
Or:	1.8 per Dwelling Unit	207	373	24
Subtotal			261	26
# Stalls Below Maximu	m Permitted			
Accessible Parking	0.1 per Suite	218	22	2
Visitor Parking	0.1 per Suite	218	22	2
BUILDING RESIDENTIA	L TOTAL		305	30

ADDITIONAL REQUIREMENTS			
SMALL CAR ALLOWANCE		PERMITTED	PROVIDED
MAX 25%	TOTAL	76	57
ELECTRICAL VEHICLE CHARGING		REQUIRED	
100% I week 2 Outlet per Res unit		218	216

Total	101	***	
0.5 PER UNIT	109.00	109	CLASS II
RESIDENTIAL			
1.5 PER UNIT	327.0	424	CLASS I
RESIDENTIAL	REQUIRED	PROVIDED	TYPE
BICYCLE SPACE CALCULATION PER UBC HANDB	OOK (SUPERSEDED BY REAP)		

Total	502	522	
0.5 PER UNIT	109.0	109	CLASS I
RESIDENTIAL CLASS II			
Total	393	424	
3 PER 3/4 BED	33.00		CLASS
2.5 PER 2 BED	122.50		CLASS
1.5 PER STUDIO / 1 BED	237.0	424	CLASS
RESIDENTIAL CLASS I	REQUIRED	PROVIDED	TYPE





Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

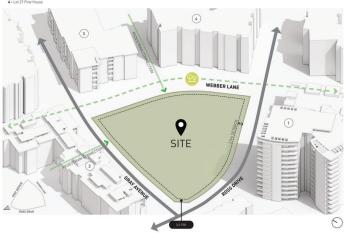
STATISTICS

JOB NUMBER 22038

A-00.02

## MASSING & FORM

1 - Lot 25 Residences at Nobel Park 2 - Lot 32 Prodigy 3 - Lot 29 Cypress House



### CONTEXT

The three-sided site is flanked by Ross Drive on the south face, Gray avenue on the North-West face, and Webber Lane on the North-East face. The site is approximately 48, 114.68 SF with an FSR of 3.5. The total

The project is adjacent to the following developm

North-Fast: Cypress House & Pine House I6 storey

North-West: Prodigy (6 storeys)

### MASSING

The tower responds to the surrounding context by adigining parallel with Lot 32, situated along Gray avenue. This maximizes solar exposure within the courtyard. The overall tower massing pivots by 155 degrees in order to allow for better sight times from Lot 32 (Prodigy) and to create separation between the Residences of Nobel Park tower. The face of the to facing Ross drive has been offset in order to maintain 30 meters of separation between the adjacent town.

, in order to prioritize views south-east.

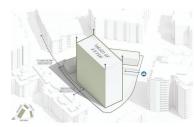


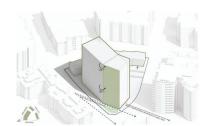
### URBAN

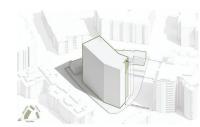
The urban face has been divided into smaller vertical fragments to help and reduce the overall length of the facade. Canting is introduced at the corner of Gray Avenu and Ross Drive in order to maximize views and create a prominent residential entry. The longitudinal nature of the urban face is then celebrated using a vertical architectural expression, the rhythm of balconies, and the location



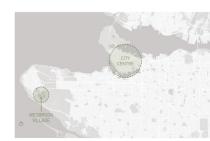


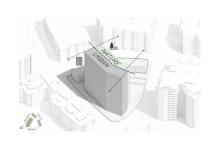














### DESIGN RATIONALE & CONCEPT

The overall design concept hinges on the juxtoposition between urban and nature. Wesbrook Village is located in the midst of a bustling city, but its expansive greenery, scenic views and forested areas make it feel like an escape from urban life.

The urban aspect is reflected in the overall density of the University of Brisin-Columbia, with buildings closely situated and interconnected, while the natural aspect is reflected in the campus's open spaces and emphasis on a local natural 8 neutral palette. The Architectural design for the site seed to balance these two contrasting environments of the state of the



### NATURE

Contrasting the urban face, the natural face of the buildincelebrates the adjacency to Wobber lane and the pedestrian connection by creating a softened bend in the overa massing geometry that ultimately hugs the couryard. The balconies are dispersed to create a more organic appearance, with the incorporation of perforated metal privacy screens.



### CPTED DESIGN RESPONSE

THE FOLLOWING DESIGN APPROACH HAS BEEN IMPLEMENTED TO RESPOND TO CPTED ISSUES

- MAXIMIZE ACTIVATION OF GROUND PLANE BY HAVING GROUND ORIENTED RESIDENTIAL UNITS WITH DIRECT OVERSIGHT OF PUBLIC, PRIVATE AND SEMI PRIVATE AREAS FACING ALL BUILDING ORIENTATIONS.
- HIGHLY GLAZED BUILDING ENTRY LOBBY WITH CLEAR AND VISIBLE APPROACH FROM GRAY AVENUE.

FIGHT GLAZED AMENT SPACES ACTIVATE GROUND PLANE PACING ROSS DRIVE AND GRAT AVENUE.
 LOCATION OF AT GRADE BICYCLE STORAGE IN SIGHT OF PROMINENT BUILDING AREAS INCLUDING BUILDING ENTRY AND AT STR.
 APPROPRIATE SITE I IGHTING OF INTERIOR PATHWAYS.

SEPARATE FOB OR ENTRY PHONE ACTIVATED OVERHEAD GATES FOR THE UNDERGROUND PARK
 SECURE VISITOR PARKING SEPARATED FROM THE PRIVATE RESIDENTIAL PARKING UNDERGROUND

UNDERGROUND PARKING STAIRS THAT DISCHARGE DIRECTLY OUTSIDE.
 GLAZED LITES IN ALL UNDERGROUND PUBLIC DOORS.

SECURE UNDERGROUND STORAGE LOCKERS FOR BIKES PROVIDED IN ROOMS WITH FOB ACTIVATED DOORS
 MOTION DETECTION LIGHT ACTIVATE IN PARKING AREAS.



■ GBL ARCHITECTS INC.

300-222 WEST BTH AVENUE
VANCOUVER, BC CANADA VST 1 R8

FAX. 604 731 S

COMPRISE RESERVED. THIS PLAN AND EXCISION ARE AND AT ALL THRES SEMININ
ELECTRIC PROPERTY OF GIB. AND CHIEFTE SIN. AND WIN HOT BE USED OR

REPROPERCISE WHICH THE RICH WITH THE OWNERTH AND AT

REVISION

NO. DATE DESCRIPTION
1 2023-04-05 AUDP Pre-Application Subm

2 2023-05-23 DP Applic 3 2023-05-29 DP Applic

2022-09-16 FEASIBILITY



Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

DESIGN RATIONALE & MASSING

DATE DRAWN BY CHECKED BY SCALE

NS PG

JOB NUMBER 22038

A-00.03

?	N E	Eneray & Em	nissions (E&E)	16/35	Y	?	N	Climate Ada	aptation (CA)	
econdition		P1	Energy Step Code Compliance (Step 2)	-		recon	dition	P1	2050 Climate Ready Thermal Comfort Modelling	
econdition		P2	Overall R-Value	-	3	T	4	1.1	2050 Climate Ready Energy Efficient Design	
condition	-	P3	Energy Star Appliances	-	2		1	1.2	Enhanced Resiliency	
econdition	$\rightarrow$	P4	Programmable Thermostats	-	0		3	1.3	On Site Backup Power	
econdition	$\rightarrow$	P5	Energy Modeling Workshop	-	_	_				
econdition	n	P6	Commissioning	-	Y	?	N	Place & Exp	perience (P&E)	
econdition	n	P7	Building Level Energy Metering and Reporting	-		recon	dition	P1	Project Community Amenity Spaces	
econdition	n	P8	Domestic Hot Water Energy Use Sub-metering and	-	5		0	1.1	Project Exemplary Community Amenity Spaces	
econdition	n	P9	Greenhouse Gas Intensity Reporting	-		_		l	7 1 7 7 7 7 1	
econdition	n	P10	Refrigerant Emission Reporting	-	Y	?	N	Health & We	ellbeing (H&W)	
econdition	_	P11	Electric Vehicle Charging Infrastructure	-		recon	dition	P1	Bicycle Parking & Storage Room(s)	
condition	$\rightarrow$	P12	Contribution to Low Carbon Transportation	-		recon		P2	Low-Emitting Products	
	13	1.1	Optimized Energy Performance (Step Code 3/4/PH)	21		recon	dition	P3	Construction Indoor Air Quality Management	
	6	2.1	Renewable Energy	6	1		0	1.1	IAQ Assessment	
	0	3.1	Enhanced Energy Submetering and Reporting	5	2		0	2.1	Additional Bicycle Facilities	
	0	4.1	Electric Vehicle Charging Stations	3	2		0	3.1	Low-Emitting Products	
					1		0	4.1	Connection to Nature	
?	N I	Water (W)		3/15	1		0	5.1	Daylight Access	
condition	n	P1	Low-Flow Plumbing Fixtures	-	0		1	6.1	Active Living	
econdition	n	P2	Outdoor Water Use Reduction	-		_			<u> </u>	
econdition	n	P3	Water Efficient Appliances	-	Y	?	N	Quality (Q)		
condition	n	P4	Rainwater Management	-		recon	dition	P1	Sustainability Statement	
	6	1.1	Total Water Use Reduction	7		recon	dition	P2	Educate the Homeowner	
	3	2.1	On-Site Rainwater Management	4		recon	dition	P3	Educate the Sales & Leasing Staff	
	3	3.1	Domestic Hot Water Metering	4		recon	dition	P4	Green Building Specialist	
			-			recon	dition	P5	Design for Security and Crime Prevention	
?	N E	Biodiversity	(B)	4/8	4		0	1.1	Integrated Design	
econdition	n	P1	Ecological Planting	-	0		2	2.1	Durable Building	
econdition	n	P2	Light Pollution Reduction	-	2		0	3.1	Education and Awareness	
econdition	n	P3	Bird Friendly Design - Basic	-						
	0	1.1	Planting for Biodiversity and Ecosystem Health	3	Y	?	N	Innovation	& Research (I&R)	
	0	2.1	Site Green Space	1	0		2	1.1	Exemplary Performance	
	3	3.1	Bird Friendly Design - Enhanced	3	0		3	1.2	Innovation or Pilot	
	1	4.1	Food Growing Opportunity	1	5		0	2.1	Research	
?	N I	Matorials & E	Resources (M&R)	4/8						
condition	_	P1	Zero Waste Ready	4/0	То	tal				55 /1
econdition	_	P1 P2	Zero Waste Ready Embodied Carbon Reporting	-	Y	?	N			
condition	_	P2 P3	Embodied Carbon Reporting  Construction and Demolition Waste	-	50	0	_	Total Credits		
	2.0	1.1	Environmentally Responsible Materials	4.0	50	0	50.0		novation & Research Credits	[
	1	1.1	Local Materials	4.0	Gold	_	9	Additional In	novanon a residir offuns	
	1	1.3	Mass Timber Superstructure	1						
	0	1.4	Healthy Building Materials	1	Gold Plati					
$\perp$	U	1.4	nealury building Materials	1		num num P				

	uilding Action Plan Goals practice responsible water management and use at the building and site scale by: advancing water cons	ervation and effic	ciency, explo	oring alternat	ive water su	pply and treatment solutions, and building water supply resilie
IBC will	use a low-impact development approach to rainwater management, at the site scale to mitigate risk and	respect the natur	al hydrolog	of the came	ius.	
w	Precondition		.,,	Subm	ission	Comments
	Low-flow Plumbing Fixtures			BP Required	OP	- John Carlo
	Specify and install:			Required		Responsible: Mechanical, Interior Design
P1	- Water-saving shoverheads with a maximum flow rate of 5.7 L per minute in each shower Low flow fauces with serations in all bathroom sinks with an anximum flow of 3.8 L per minute Low flow faucets with serators in all kitchen sinks with an anximum flow of 6.8 L per minute.					
	Outdoor Water Use Reduction			Required		
P2	Option 1: Design and virsual a water-efficient irrigation system that includes an automated controller, rain or soil beging and virsual as water property of the controller of the controller of the controller of the Reduce the project's landscape water use by at least 30% from the site's calculated baseline of the peak watering month through plant selection and irrigation efficiency. Option 2:					Responsible: Landscape Architect
	Weter Fiftelant Applicance				Description	
	Water Efficient Appliances Specify and install:				Required	Responsible: Mechanical/Interior Design
P3	<ul> <li>Energy Star idabelled, or equivalent performance, clothes weathers: If washers are available only as an option, specify and offer only models complying to this standard.</li> <li>Energy Star labelled dishwashers or equivalent performance; if dishwashers are available only as an option, specify and offer only models complying with this credit.</li> </ul>					
	Rainwater Management			Required		
P4	Detain the 10-year, 24-hour storm volume and discharge at the 2-year, 40-hour pre- development rate on site or at a designated central facility using low-impact development and green infrastructure as far as possible.					Responsible: Civil
	Optimization	Attempted Points	Total Points	Subm BP	ission OP	Comments
1.1	Total Water Use Reduction Reduce the bat form and outdoor potable water use from the calculated code baseline using efficient flutures, efficient landscaping practices and/or alternative water sources. 35% reduction throm baseline. – points 45% reduction from baseline. – 3 points 55% reduction from baseline. – 3 points 55% reduction from baseline. – 7 points	1	7		Required	Responsible: Mechanical/Interior Design, Landscape Archite
	On-Site Rainwater Management	1	4	Required	Required	
2.1	Part 1:  Post permeable surfaces for low impact rainwater management for a percentage of areas of the provide permeable surfaces for low impact rainwater management for a percentage of areas of the gardens, extensive vegetated node, seeks, and pervices paving.  Fermeable surfaces on 30% of the air.— I point  Per 2.  Death the 10-year, 40-hour pre-development and discharge at the 1-year, 40-hour pre-development rate or size using low impact development techniques (pooring at least 1 point in part 1) and deterition (saidly)— 2 point.	·		,===	,===	Responsible: Civil, Landscape Architect
	Domestic Hot Water Metering	1	4	Required		
3.1	Commence The Variation Interesting  In units with central domestic hot water consumption, provide building level or individual suite hot water submetering.  Provide submetering of hot water consumption at the building level. – 1 point  Provide submetering of hot water consumption at the suite level. – 3 points		7	. noquireu		Responsible: Mechanical
	Total Optimization Points	3	15			1



	RGY & EMISSIONS					
reen Bu BC built	uilding Action Plan Goals lings will advance the campus towards net-positive energy use and greenhouse gas neutrality by reduci	na eneray de	emand and fo	cusing on		
3C build	lings will have indoor thermal environments that are comfortable and enhance health and wellbeing.  ntegrate lessons learned to improve building energy performance.				'	
E&E	Precondition			Subm BP	ission OP	Comments
	Energy Step Code Compliance (Step 2)			Required	Required	
P1	Design and construct buildings to conform to the following performance requirements: Energy Step Code, Step 2: 130 kWhi/m2-yr (TEU), and 45 kWh/ m2-yr (TEU). Complete an artightness test meeting the ASTM E779 or USACE Version 3 standard as specified by the Energy Step Code					Responsible: Energy Modeler, Architect, Mechanical, Electric Building Envelope Consultant
	Overall R-Value			Required	Required	
P2	Achieve an overall R-value target for each major building typology in a project (e.g., high rise, low rise or townhouse); 5.4 hr/12./Elfly for high rise or 6.9 hr/12./Elfly for low rise. This precondition credit is not required for projects that achieve the E&E 1.1: Optimized Energy Performance credit.					Responsible: Envelope Not required as project is targetting Step 3 (E&E 1.1)
P3	Energy Star Appliances				Required	Responsible: Mechanical, Interior Design
	Specify and install Energy Star-labelled, or equivalent performance, driers and refrigerators in each  Programmable Thermostats			Required		Responsible: Mechanical Engineer, Electrical Engineer
P4	Specify and install programmable thermostats for at least the largest heating zone in each unit.					responsible. Medianical Engineer, Electrical Engineer
P5	Energy Modeling Workshop Model the energy performance of the building and hold a workshop with the design team, a representative from UEC Sustainability and Engineering, and contractor to evaluate the results and			Required		Responsible: Owner, Energy Modeler
	optimize the design of the building.					
P6	Commissioning Contract a thirt party Commissioning Authority to develop and implement a commissioning plan for all major building energy systems, in accordance with CSA Z5000-18, and verify that they are installed, calibrated, and perform according to design interest.			Required	Required	Responsible: Commissioning Authority
	Building Level Energy Metering and Reporting			Required	Required	
	Support UBC in establishing an ENERGY STAR Portfolio Manager (ESPM) account and reporting			. susquirida	. suspanioù	Responsible: Mechanical, Electrical, Energy Modeler, Owner
P7	building utility consumption by:  - Providing completed salu upload permission forms where required; or  - Sharing ESPM account(s) with UBC Sustainability and Engineering that have been established by a  - Sharing ESPM account(s) with UBC Sustainability and Engineering that have been established by a  - Sharing ESPM account(s) with UBC Sustainability and experiments as the stablish utility meletring for each major use  class (e.g., residential, commercial or retail) and building typology (e.g., high rise or townhouse).					
	Domestic Hot Water Energy Use Sub-metering and Reporting			Required		
P8	install energy metering for domestic hot water energy use for each major use class (e.g., residential, commercial or retail) and building hypology (e.g., high rise or townhouse) and report energy use to UBC Sustainability and Engineering.					Responsible: Mechanical
P9	Greenhouse Gas Intensity Reporting			Required	Required	
	Report building greenhouse gas intensity (GHGI) of emissions.  Refrigerant Emission Reporting			Required	Required	Responsible: Energy Modeler, Owner
P10	Determine and report the life cycle equivalent annual carbon dioxide emissions of refrigerants in buildings in kgCO2.			Required	Required	Responsible: Mechanical, REAP Executive
P11	Electric Weblice Charging Infrastructure Provide a minimum of one empigate level 2 cudiet per residential unit for non-vental developments or provide a minimum of one empigate level and the control of the control o			Required	Required	Responsible: Electrical Engineer
	Contribution to Low Carbon Transportation				Required	
P12	Contribute to the development of low-carbon transportation options or infrastructure by funding the equivalent of one community vehicle per 100 residential units.					Responsible: Owner
E&E	Optimization	Attempted Points	Total Points	Subm	ission OP	Comments
	Optimized Energy Performance (Step Code 3/4/PH)	8	21	Required	Required	
	Design and construct the buildings to meet the following Energy Step Code Regulation performance requirements:					Responsible: Energy Modeler, Architect, Mechanical, Electrical Building Envelope Consultant
1.1	requestions of the Whitnibus of TEUI) and 30 MWh may (TEDI). —8 points -8 point 50 MWhitnibus of TEUI) and 15 MWh may (TEDI). —8 points -8 point 40 MWhitnibus of TEUI) and 15 MWh may (TEDI). —8 points -Passive House Performance Design and construct the building to conform to the Passive House Planning Package, version 9 or newer, meeting the requirements of Section 10.2.3.3 (3) of the Energy Step Code Regulation. —5 points					building Envelope Consultant
	Renewable Energy	Not	6	Required		Responsibility: Architect, Mechanical, Electrical
1.2	Use on site renewable energy systems to offset all or a portion of the building's annual electricity consumption as follows:  -4% – 2 points  -8% – 4 points  -12% – 6 points					Responsibility: Architect, Mechanical, Electrical
	Enhanced Energy Submetering and Reporting	5	5	Required	Required	
3.1	Install energy meleting for the following. All major energy end uses (representing 10% or more of total energy consumption) for each major use class (e.g., residential, commercial or retail) and building 1. Major and an 3 pages use submeleting. — 2 points when the submellar energy consumption. Subject and an 3 pages use submeleting. — 3 points Subject to the submellar of th		-	,		Responsible: Energy Modeler, Mechanical, Electrical
	Electric Vehicle Charging Stations	3	3	Required		
4.1	Install Level 2 charging stations for visitor or shared use and/or the following percentage of owners/residents/parking, 1+ illulior and/or laments station per 100 units. — 1 point 1-5% of owners/residents/parking. — 1 point 1*UN of owners/residents/parking. — 1 point					Responsible: Electrical, Owner
	Total Optimization Points	16	35			

en Bu	ilding Action Plan Goals					
	levelop highly functioning landscapes at the building and site scale to contribute to biodiversity and nat	ural ecosystem p	rocesses.			
C will e	ngage campus teaching and research opportunities to enhance biodiversity management capacity.					
	Precondition			Submi BP	ssion OP	Comments
	Ecological Planting			Required		
P1	Select native or adaptive plant species that are appropriate for the ecoregion, suitable for the site conditions and climate (including charging conditions); and fulfill the design intert. Mature plant height, spread and form must be considered in plant selection as a means to reduce maintenance. Select plants that are suited to the sun and shade conditions of the site and are drought tolerant. Include plants that are pollinators and provide a food source for birds.					Responsible: Landscape Architect
	Light Pollution Reduction			Required		
P2	Do not exceed the current Illuminating Engineering Society (IES) illuminance requirements as stated in Lighting for Exterior Environments.					Responsible: Electrical, Landscape Architect
	Bird Friendly Design - Basic			Required		
	In compliance with the UBC Birl Friendy Design Guidelines for Euidings and CSA A460:19 Interferency Mulgines Standards. In the Compliance of the Complianc					Responsible: Architect
В	Optimization	Attempted Points	Total Points	Submi	ssion OP	Comments
	Planting for Biodiversity and Ecosystem Health	3	3	Required		
1.1	Enhance biodiventily and ecosystem health by achieving the following: Develop a Landicage Maintenance Plan - 1 point and the plant over the lifetime of the building and landicage. Manumba Nature Plant over the lifetime of the building and landicage. Manumba Nature Plant over the lifetime of the building and landicage. Manumba Nature Planticage - 1 point Politication Caudistims - 1 point Provides a plant list land demonstrates the bit 20% of planting (by number of plants) are native. Politication Caudistims - 1 point Provides a plant list land demonstrates that 20% of planting choices (by number of plants) and landicage design support politications such as humminghids, native bees, buttleffiles, moths, and planting the planting of the planting the planting the planting that the planting the planting that the planting t					Responsible: Landscape Architect
_	Site Green Space	1	- 1	Required		+
2.1	Dedicate 90% of the total site area (including the building footprint) to green space. Eligible spaces include: grass, areas with plants, vegetated roofs, living walls, balcony greenery, areas dedicated to foot production (excluding paving).					Responsible: Landscape Architect, Architect
	Bird Friendly Design - Enhanced	Not targeted	3	Required		
3.1	In complance with the UBC Dist Friendy Design Guidelines for Euildings and CSA A460:19 Sins-friendy Bulled Design Standards, Insertly the bird collision has in building and indiscape Fail 1 — 2 point Apply strategies from the UBC Bird Friendy Design Guidelines for Bulldings to treat a minimum of Payl 1 and Standard St					Responsible: Architect
	Food Growing Opportunity	Not targeted	- 1	Required		
4.1	Provide food gardening spaces of at least 2.4 m 2 for 30% of residential units which do not have access to a private outdoor space of more than 9.3 m 2. Food gardens can be provided in raised common area garden picts on grade and/or on rooftops in planters or communal gardens.					Responsible: Landscape Architect

JBC bu	Building Action Plan Goals ildings and landscapes will have the resilience to respond to both anticipated and unpredicts					
JBC wi	Il engage with researchers in a meaningful and ongoing way to inform building policy and gui	idelines around o	limate adap	otability. Submi	ission	Comments
٠.				BP	OP	Comments
P1	2850 Cilinate Ready Thermal Comfort Modelling FICH State climate Rise for the  Profirm Imention Confort of Modelling using PCIC future climate files for the  Profirm Imention Confort of Modelling Line Report  Fig. 19 Confort  Fig. 20 Confort  F			Required	Required	Responsible: Energy Modeler
CA	Optimization	Attempted Points	Total Points	Submi	ission OP	Comments
1.1	2850 Climate Ready Energy Efficient Design Using 2058 FCR 5 weather files, achieve a reduction in Coding Energy Demand Intensity (CEDI) over a base case 2050 ready design that meets REAP EE and CA proceedings of the plassive design measure (e.g., Tiede or penside sharking, reduced at building concapancy, "Skir desization, 3 points 1-10% reduction. 3 points 1-10% reduction. 5 points 1-10% reduction. 7 points	3	7	Required	Required	Responsible: Architect, Energy Mo
1.2	Enhanced Resiliency Achieve appropriate design strategies from the Mobilizing Building Adaptation and Resilience (MBAR) discussion papers on "Air Cuality", "Fire", "Heat waves" and "Power outages and emergenizeds—see with a least 1 from each paper. — I point - 15 different design strategies with at least 1 from each paper. — 2 points - 20 different design strategies with at least 2 from each paper. — 3 points	2	3	Required		Responsible: Architect
1.3	On Site Backup Power Design for protection from power outlages from the grid, through strategies including permanent back-up power, exhibiting gear and/or power hook-ups, and infrastructure for represent years to provide power for critical utilises such as HVAC and the electrical component of heating systems, potable water supply and security. Stack up power must be provided for a duration of flour consociative days, 2.4 hours a day;	Not targeted	3	Required		Responsible: Electrical



Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

REAP Checklist

DATE
DRAWN BY
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SCALE

JOB NUMBER

22038

_	ERIAL AND RESOURCES					
will	uilding Action Plan Goals prioritize the use of building materials that have net positive environmental impacts.					
will	support marketplace transformation by designing buildings with materials that are not harmful to human support the development of the circular economy by promoting the adaptation, reuse and recycling of m	and ecological laterials and pro-	health. ducts during a b	uilding's lifetir	ne	
s.R	Precondition			Subm	ission	Comments
	Zero Waste Ready			Required	OP Required	
м	Cardo Walles Neaby  Annual State (1997) and a second secon			rveyuneu	Required	Responsible. Architect, Owner
_	Embodied Carbon Reporting				Required	
2	Perform a LCA (file cycle assessment) of the projects foundation, structure and erroboure and report the embodied cutton. Use Athere impact Estimator or an approved LCA exhibite and include and subject and the project and the structure of the project and				requires	Responsible: LCA Consultant
	Construction and Demolition Waste				Required	
3	Prepare and implement a Waste Management Plan that diverts 85% (by weight) of construction and demotition waste from landfill.					Responsible: Contractor
&R	Optimization	Attempted Points	Total Points	Subm BP	ission OP	Comments
1.1	Environmentally Responsible Materials Specilly and use micromentally responsible materials for at least 50% of a building component", by weight or volume Malerials must meet one of the following requirements.  Contain at least 55% post-consumer of 50% per consumer recycled content Wood products that are certified Forest Stewardship Council, (FSC) or CSA, 2009  - Wood products that are certified Forest Stewardship Council, (FSC) or CSA, 2009  - Wood products that are certified 20% reduction in monoided castoon  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in an extended producer responsibility program  - Manufacture participates in	2	4.0		Required	Responsible: Confractor
	Local Materials	1	2		Required	
2	Specify and use products that were extracted, processed, and manufactured locally within 200km from project site for the following building components:  - Minimum 50% of aggregate for concrete by value. — 1 point  - Minmum 50% of drywall or interior sheathing by value. — 1 point					Responsible: Contractor
	Mass Timber Superstructure	Not targeted	1			
3	Specify and install a building superstructure consisting of at least 50% mass timber manufactured in					
.3	BC (by value of the total superstructure). — 1 point	- 1	1		Required	Responsible: Contractor
.4	BC (by value of the total superstructure) — 1 point Healthy Building Materials Install ten different building products from at least three different manufacturers which meet the inguident insequency ordinal of a program specified below. The chemical inventory of the products region of the products of the products of the products of the products - Declare Label (International Living Future Institute): Red List Free, Declared, or LBC Compliant if at least 156 9% of the regional see discloser. - Manufacturers inventory of all ingredients by Chemical Abstract Service Registry Nameer (CASRN).					

een Bu	ilding Action Plan Goals					
C buil	dings and landscapes will provide opportunities for collaboration, innovation and community development	nt to reflect the s	ocial and envir	onmental susta	inability aspira	ations of the University.
	Precondition			Subm BP	ission OP	Comments
P1	Project Community Amenity Spaces  Provide community in residents including:  Provide community in residents including:  A manufacture of the provident of the p			Required		Responsible: Architect
P&E	Optimization	Attempted Points	Total Points	Subm BP	ission OP	
	Project Exemplary Community Amenity Spaces	5	5	Required		7
	Install indoor and outdoor community amenities from the list below. Each listed amenity is awarded 1 or 2 points, for up to 5 points in total. If more than 2 points are targeted, a minimum of one indoor amenity and one outdoor amenity is required.					Responsible: Architect
	Indoor Amenities					
	Family friendly community spaces (additional to PE P1) within or adjacent to enhanced lobbies or multi-purpose rooms such as a community play area or youth friendly space. The total area should be minimum 91.44 m² (300 sq ft).		2	0 or 2		
	A shared utilitarian multi-purpose space for messy or noisy activities such as a workshop space, pet wash, community mudroom, or small kitchen area etc.		1			
	A secure community storage area on the ground floor for baby strollers with a minimum of one storage space per ten units. Strollers are used by young families on a daily basis and are often bulky to keep in the home.		1			
	Small-scale gathering spaces within circulation routes or the end of corridors on different floors to increase opportunities for relaxing, studying, and meetings or social activities. The total area should be minimum 91.44 mt (300 aq ft).		2			
	Designate a bookable guest suite within the building near the lobby.		1 1	i		
1.1	A community space for secure package delivery (in response to online shopping and food delivery services).		1			
	A new innovative community indoor amenity (additional to PE P1) that supports a range of intergenerational social and recreational opportunities.		1			
	Pet friendly washable flooring finishes installed for indoor common spaces.		1			
	Outdoor amenities			<b>—</b>		
	One accessible outdoor wash station for bikes and pets with a concrete pad, water source and good drainage.		1			
	A variety of outdoor spaces for small quiet gatherings to increase recreational choices and activities such as a BBQ area, fireplace, and comfortable seating and picnic tables etc. There must be a minimum of two defined spaces.		1			
	Roof top social spaces outfitted with comfortable seating and planters. The space would be able to comfortably accommodate a minimum of 10 people.		2			
	A small child friendly play area with complementary seating for adults.		1	1	1	
	A new innovative community outdoor amenity that supports a range of intergenerational social and recreational opportunities.		1			

	OVATION & RESEARCH					
	BUILDING ACTION PLAN GOALS dings and landscapes will be durable, reliable and resilient.					
I&R	Optimization	Attempted Points	Total Points	Subm BP	ission OP	Comments
	Exemplary Performance		2		Required	
1.1	Demonstrate exceptional performance above the requirements set by an existing credit, to reach the next performance level.					
	Innovation or Pilot		3	Required	Required	
1.2	Achieve significant, measurable sustainable building performance using a strategy not addressed in REAP; or Pilot specific a significant, measurable strategy or strategies from UBC's Green Building Action Plan.					
	Research	5	5	Required	Required	
2.1	Collaborate with UBC SEEDs or the CLL program in a research project. Project topic must be either:  - Based on the Green Building Action Plan's residential section or current priority area for the university, or  - A current topic relevant to the project which has been submitted for prior approval.			·		Responsible: Owner & Team
	Total Optimization Points	5	10			

	allding Action Plan Goals					
C will e	enhance the mental, physical and social dimensions of wellbeing by making them integral to building an	d landscape desi	an decisions.			
C rese	archers, community stakeholders and building occupants will be engaged in a meaningful and ongoing become a leader in enhancing wellbeing through the built environment within the context of higher educ	way to inform bu	ilding design de	ecisions arour	nd health and	d wellbeing.
&W	Precondition			Subm	ission	Comments
	Bicycle Parking & Storage Room(s)			Required	UP	
P1	Provide Dass blyogie storage and facilities below:  Provide Class blyogie storage facilities at rate of: 1.5 spaces per studio or one bedroom unit; 2.5 spaces per 2 bedroom unit; and 5 spaces per 3 or 4 bedroom units. (Requirements include 10% oversities spaces, and one electrical cold per but spaces), and of the control of the contro					Responsible: Architect
	Low-Emitting Products				Required	
P2	Specify and use:  A challevies, separation and sealant primers that have been tested and found compliant with the California Separation of Public health Standard Method VI 1–2010, using 6.4 Section 01550, 12-10 (a. 1) and 1.5 Section 01550. The Section 01550 is set to the Section of Section 01550 is set to the Section of Section 01550 is set to the Section 01550 i					Responsible: Architect, Contractor
	Construction Indoor Air Quality Management				Required	
P3	Pepare and implement an incoor AV Quality (AQI) Management Plan for the construction and pro-occupancy planes of the building. Jump construction, need or exceed all applicable recommended control measures of the Sheet Metal and Air Conditioning National Contractors Association (SMACNA) IAG Guidelines for Occupied Buildings under Construction, 2nd edition, 2007, ANSUSMACNA 008-2008, Chapter 3.					Responsible: Mechanical, Contractor
H&W	Optimization	Attempted Points	Total Points	Subm BP	ission OP	
	IAQ Assessment	1	1		Required	
1.1	After construction has ended and the building has been completely cleaned, prior to occupancy, complete one of the following:  I install new filtration media and flush out the building by supplying an outside air volume of 4,267,14 litrse per square metre of gross floor area; or  Conduct a Baseline Indoor Air Quality Test.					Responsible: Owner
	Additional Bicycle Facilities	2	2	Required		
2.1	In addition to the requirements for bloycle parking in HW P1, provide on of the following: - Provide an additional 25 Class I bloycle storage per bedroom or - Provide an all grade, Class I bloycle storage room for at least 50% of the Class I spaces with a bike specific entrance. "Provide points for giving each unit an on-campus bike share membership for the duration of their day in the building.					Responsible: Architect
	Low-Emitting Products	2	2		Required	
3.1	Specify and install products that meet the following requirements:  Capites and capite cushions: Corpet and Righ Institute General Label Plus or has been tested according to California Department of Public Health (CDPH) Starthard Method v12-2017 and can be considered to California Department of Public Health (CDPH) Starthard Method v12-2017 and can be compared to the Capite Corpet Cor					Responsible: Architect, Contractor
	Connection to Nature	1	1	Required		
4.1	Demonstrate connections to nature through direct visual connections to plants, suright, and views of nature and/or, inflient connections to nature through the use of natural materials, patterns, colours, or images. Ensure connections to nature in: 95% of units, with nature visible from the living room and at least one bedroom. • All occupied amenity spaces and lobbies; and 90% of building corridors.					Responsible: Architect, Interior Designer
	Daylight Access	1	1	Required		
5.1	Ensure adequate levels of daylight within each unit by achieving the following requirements:  - Transparent envelope glazing area is a minimum of 7% of the unit floor area.  - Visible light transmittance (V.1.7 of erwelope glazing is greater than 40%.  - 30% of the area is within 6 m (20 ft) of transparent envelope glazing.					Responsible: Architect, Daylight Analysis
6.1	Active Living Design a secondary staticase that is safe, visually appealing, and invites regular use through the (following statedgies: Fersize the staticase services all fouce of the project, excluding the parking garage, and can be Fersize the staticase services all fouces of the project, excluding the parking garage, and can be for the staticase of the staticase so that it is visible from the building entitance.  Locate the staticase so that it is visible from the building entitance. The area of glazing must open at least USS square medies (i) to square feet) in order to increase visibility of the staticase and "Use appealing materials and frishbes.	Not targeted	1	Required		Responsible: Architect
	Install visible signage at elevators and the entrance to the staircase to encourage stair use.					

reen B	uilding Action Plan Goals					
	dings and landscapes will be durable, reliable and resilient.					
Q	Precondition		DP	Submission BP	OP	Comments
P1	Sustainability Statement Submit a "Sustainability Statement" that describes how the development will be designed to achieve high environmental standards related to UBC's Green building Action Plan and the university's sustainability policies in the eight component areas.		Required			Responsible: REAP Executive and Owner
P2	Educate the Homeowner  Provide a homeowner improve to educate homeowners on the features of the building as well as the proper use and maintenance of facilities and equipment. Include the following details in the homeowners' immunity of FEAP results, hundring product immunicationers' manuals for all equipment, flotters, and appliances with Energy Stig details, and  1 cidantes on how for minitize energy, water, and resource use in everyday advities and choices throughout the home to provide sustainable behavior; and  And assistant on solving and respudies in the building.				Required	Responsible: REAP Executive and Owner
	<ul> <li>Ensure the manual is incorporated into record drawings or some form that will be accessible beyond the first generation of conversiosidents; and - Conduct a one-hour waithfrough with the occupants and building manager(s) to educate them on all sustainable equipment and features.</li> </ul>					
	Educate the Sales & Leasing Staff				Required	
P3	Develop marketing materials based on the environmental performance of the project and ensure the sales or leasing staff is knowledgeable about the green building features.					Responsible: Owner
P4	Green Building Specialist Engage a Green Building Specialist who is an expert in green buildings and sustainable construction practices to provide advice on effective green building strategies to the design team.			Required		Responsible: REAP Executive
	Design for Security and Crime Prevention			Required		
P5	Demonstrate that the design has been reviewed by an expert in Crime Prevention Through Environmental Design (CPTED) and that recommendations have been followed.					Responsible: Architect
Q	Optimization	Attempted Points	Total Points	Submi	ssion	Comments
	Integrated Design Beginning in pre-design and continuing throughout the design phases:	4	4			Responsible: Project team including Own
1.1	<ul> <li>Identify and use opportunities to achieve synergies across disciplines and building systems; and +Idd a preliminary energy and water workshop during schematic design. Use the analyses described below to inform the design.</li> </ul>					
	*See the reference guide for full wording on energy and water workshop requirements.					
	Durable Building  Develop and implement a Building Durability Plan in accordance with the principles in CSA	Not targeted	2			Responsible: Architect, Mechanical,
2.1	SAT8-19 - Duzbellly in Buldings, Include: Structure, building cladding assemblies, glazing assemblies and config assemblies.  - Design service life is 60 years.  - Design service life is 60 years.  - Where component and assembly design service lives are shorter than the design service life, design so they can be readily replaced.  - Pervelop and manages a quality immangement program in accordance with CSA 5478.  - Pervelop and manages a quality management program in accordance with CSA 5478.  - Configure of Sallure are 5, "in table 3 use a design service life, quality to all tests that of the design life.					Responsible: Alchied, Mechanica, Electrical.
	service life of the building.  - Qualified building science professional to develop and deliver the Building Durability Plan.					
3.1	Education and Awareness Develop the following programs to educate occupants and visitors about the benefits of the green building and the sustainable features of the project.  *A script for a guided tour of the building describing the sustainable features of the project; and  *A case-study highlighting the sustainable features of the project to inform the UBC community and future buildings of the successor of the project.	2	2			Responsible: Owner
	Total Optimization Points	6	8			





Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

REAP Checklist

DATE 5/29/2023 1:15:56 PM
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SCALE

JOB NUMBER 22038

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The southern of the dates mentioned other are supported by the control of the con

Appear of Parties PLAN LIES WITHIN THE GREATER HANDOUTER REGIONAL DISTRICT
(UNIVERSITY OF BRITISH COLUMBIA)

144 0-034-2854-

THIS PLAN SHOWS HORIZONTAL GROUND-LEVEL DISTANCES EXCEPT WHITE OFFERWEE NOTED. TO COMPUTE GRO DISTANCES, MILTIPLY GROUND-LEVEL DISTANCES BY COMMINED FACTOR GLIBBORS.

MURRAY & ASSOCIATES 201-12448 8204 AVENUE SURREY, B.C. (59) 352 (80) 357-939 Lawyer

gb[

SBL ARCHITECTS INC.

1-224 WEST 8TH AVENUE TEL 604.7:

NCOUVER, BC CANADA VST 1R8 FAX. 604.7:

VERGAT RESERVED. THIS PLAN AND DESIGN ARE AND AT ALL TIMES 850

NOTES

REVISIONS

NO. DATE DESCRIPTION

2023-05-23 DP Applica 2023-05-29 DP Applica

4 2022-09-16 FEASIBILITY 5 2022-10-03 FEASIBILITY

A COLUMN

Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

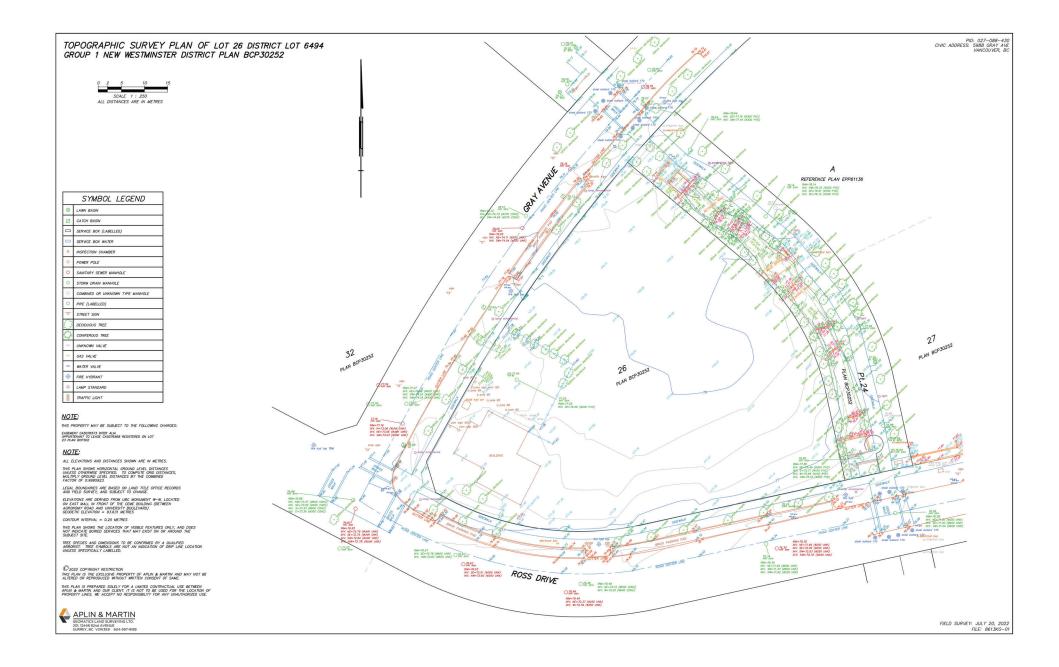
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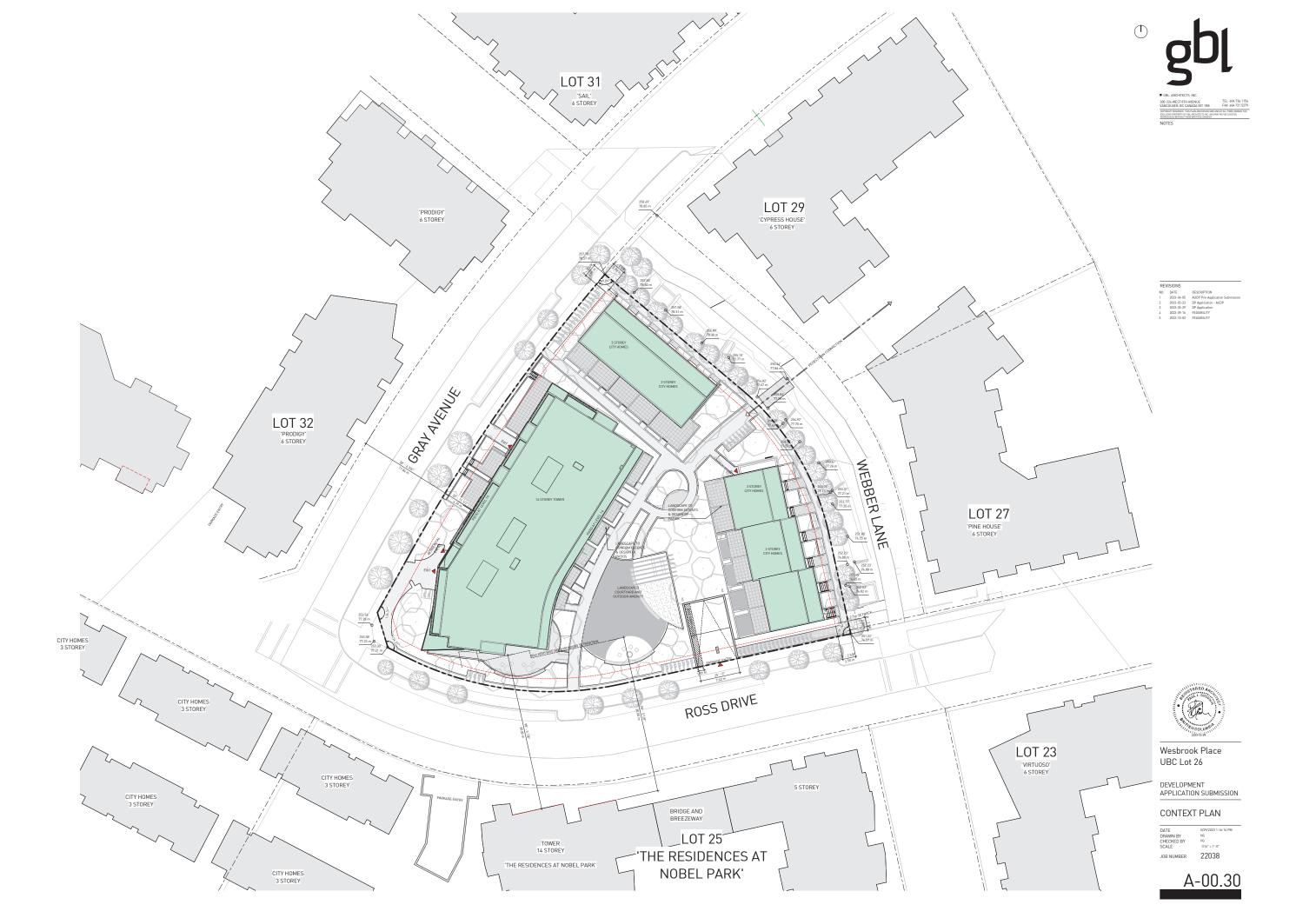


Wesbrook Place UBC Lot 26

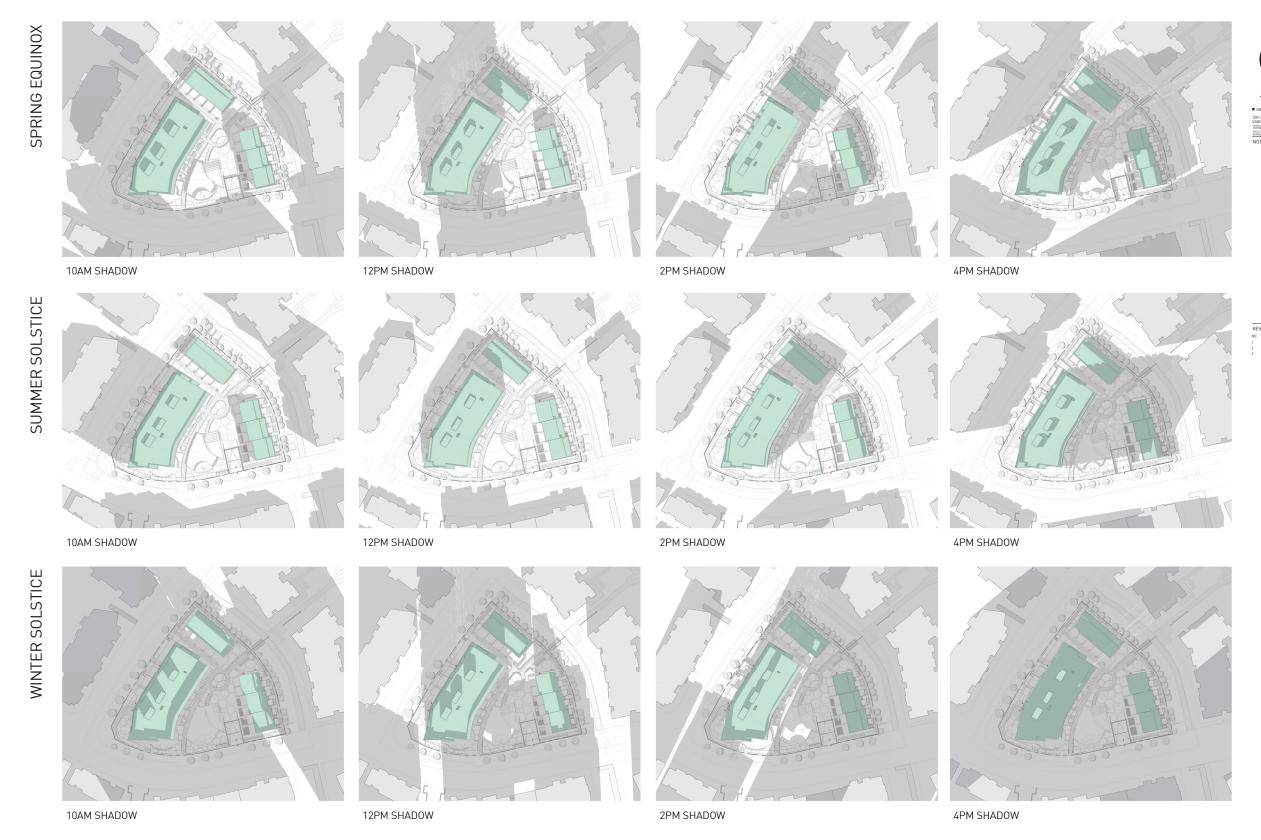
DEVELOPMENT APPLICATION SUBMISSION

SURVEY

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Wesbrook Place UBC Lot 26

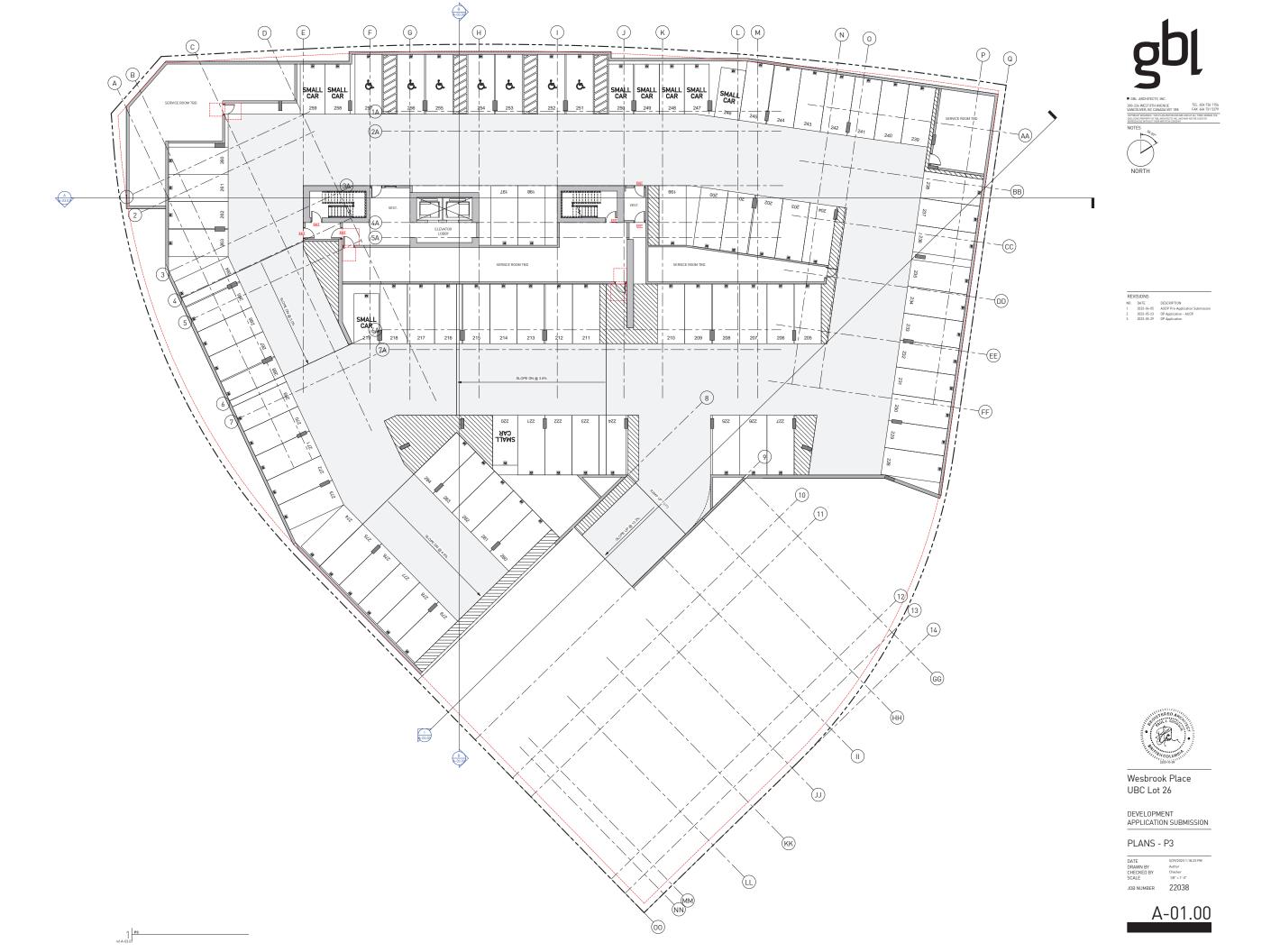
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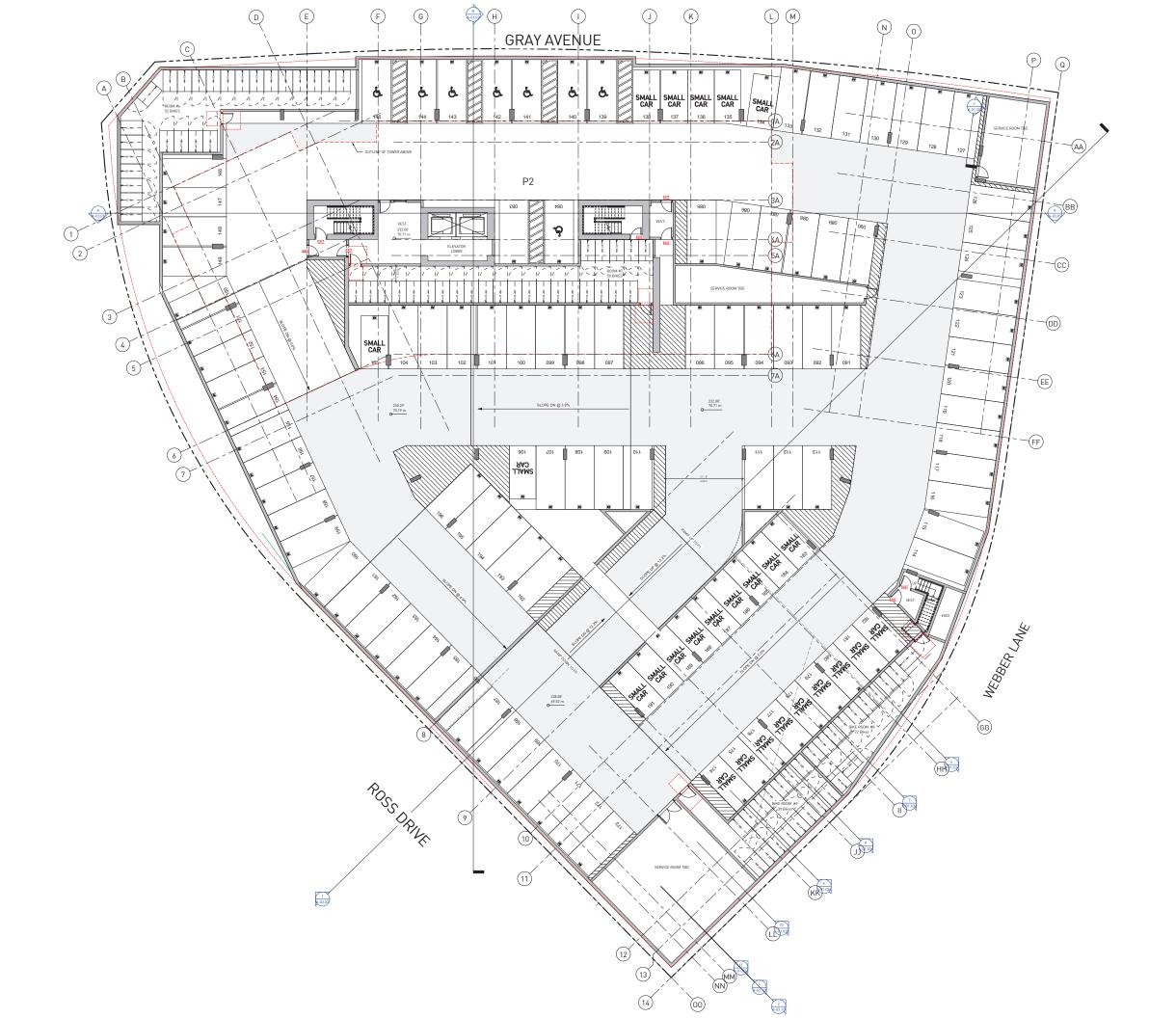
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| REVISIONS | NO. DATE | DESCRIPTION | 1 2023-04-05 | DP Application - AUDP | 2023-05-29 | DP Application - AUDP - AU

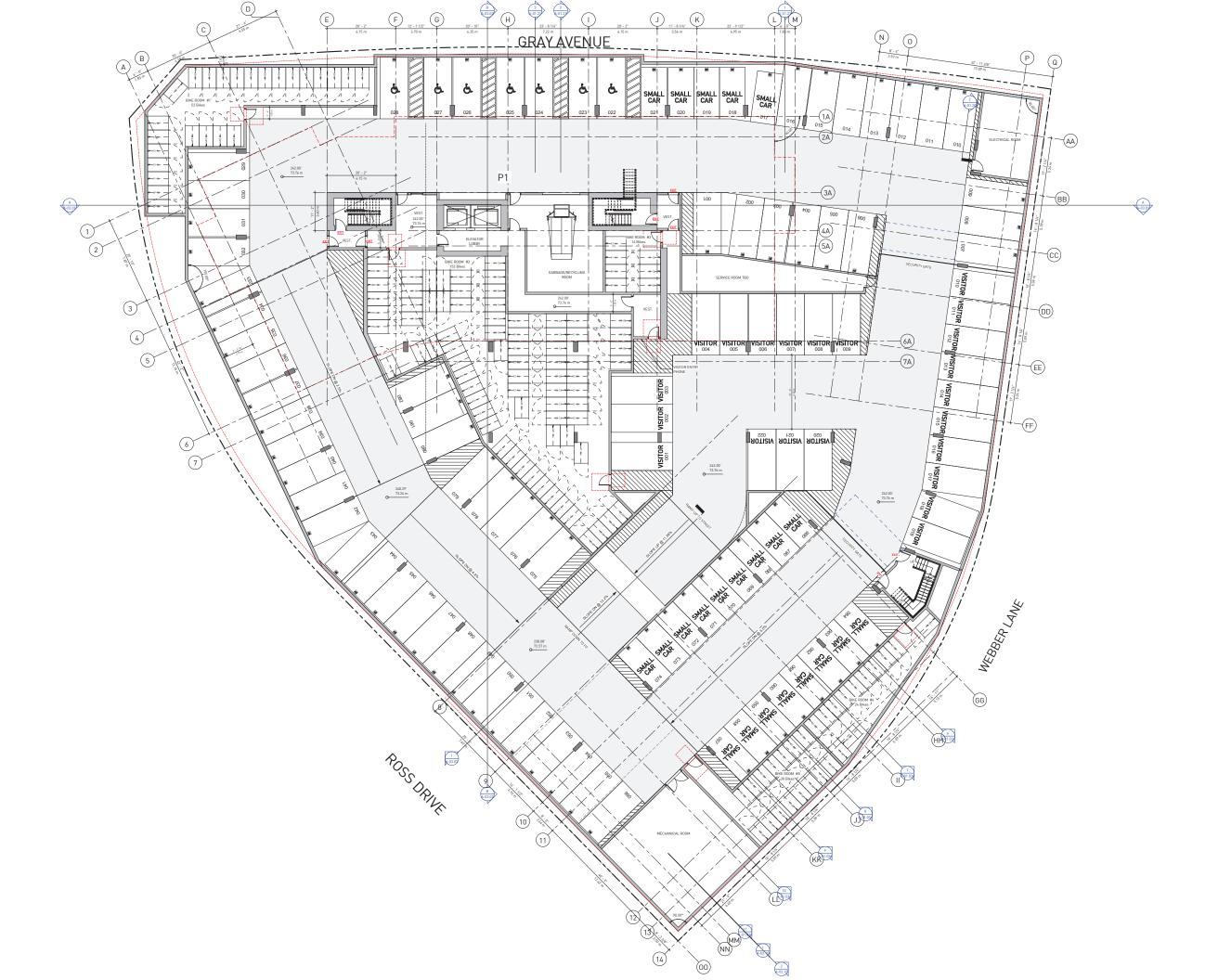


Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - P2

JOB NUMBER 22038







| REVISIONS | No. DATE | DESCRIPTION | 1 2023-04-05 | AUDP Pre-Application Submission | 2 2023-05-22 | DP Application - AUDP | 3 2023-05-29 | DP APPLICATION | DP APPLICATI



Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - P1

JOB NUMBER 22038







1 BED + DEN

2 BED

CITY HOME 3 BED

STUDIO



Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

### PLANS - LEVEL 1

DATE DRAWN BY CHECKED BY SCALE

JOB NUMBER 22038









Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - LEVEL 2

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1 BED 1 BED + DEN

CITY HOME 3 BED

STUDIO

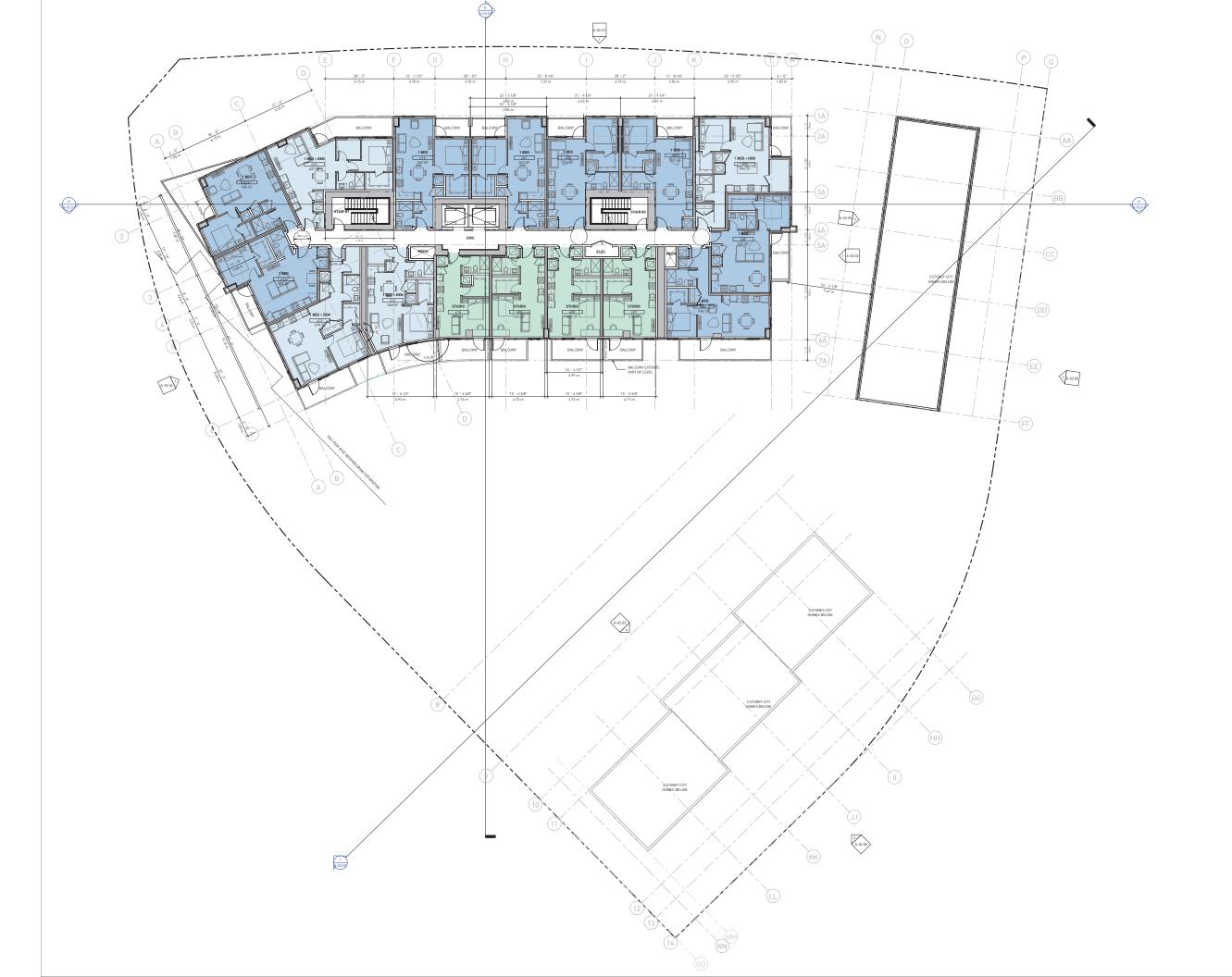


Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - LEVEL 3

JOB NUMBER 22038







1 BED 1 BED + DEN

STUDIO



Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - LEVEL 4

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Wesbrook Place UBC Lot 26

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PLANS - LEVEL 9 DATE DRAWN BY CHECKED BY SCALE JOB NUMBER 22038





GBL ARCHITECTS INC: 10-224 WEST 8TH AVENUE TEL INCOUVER, BC CANADA VST 1R8 FAX

SPECULATER, BL. LEGISLANCH TO THE SPECIAL PORT THE SPECIA

ALL UNIT AREAS SHOWN ARE MEASURED FROM MIDPOINT OF ALL EXTERIOR AND INTERIOR PAR

FOR FULL GROSS UNIT AREA MEASURED FROM EXTERIOR FACE OF EXTERIOR SHEATHING WALL TO CENTRE LINE OF DARTY WALLS OF EASE

### REVISIONS

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1 2023-04-05 AUDP Pre-Application Submi
2 2023-05-23 DP Application - AUDP

2 2023-05-29 DP Application

### UNIT TYPES LEGEND





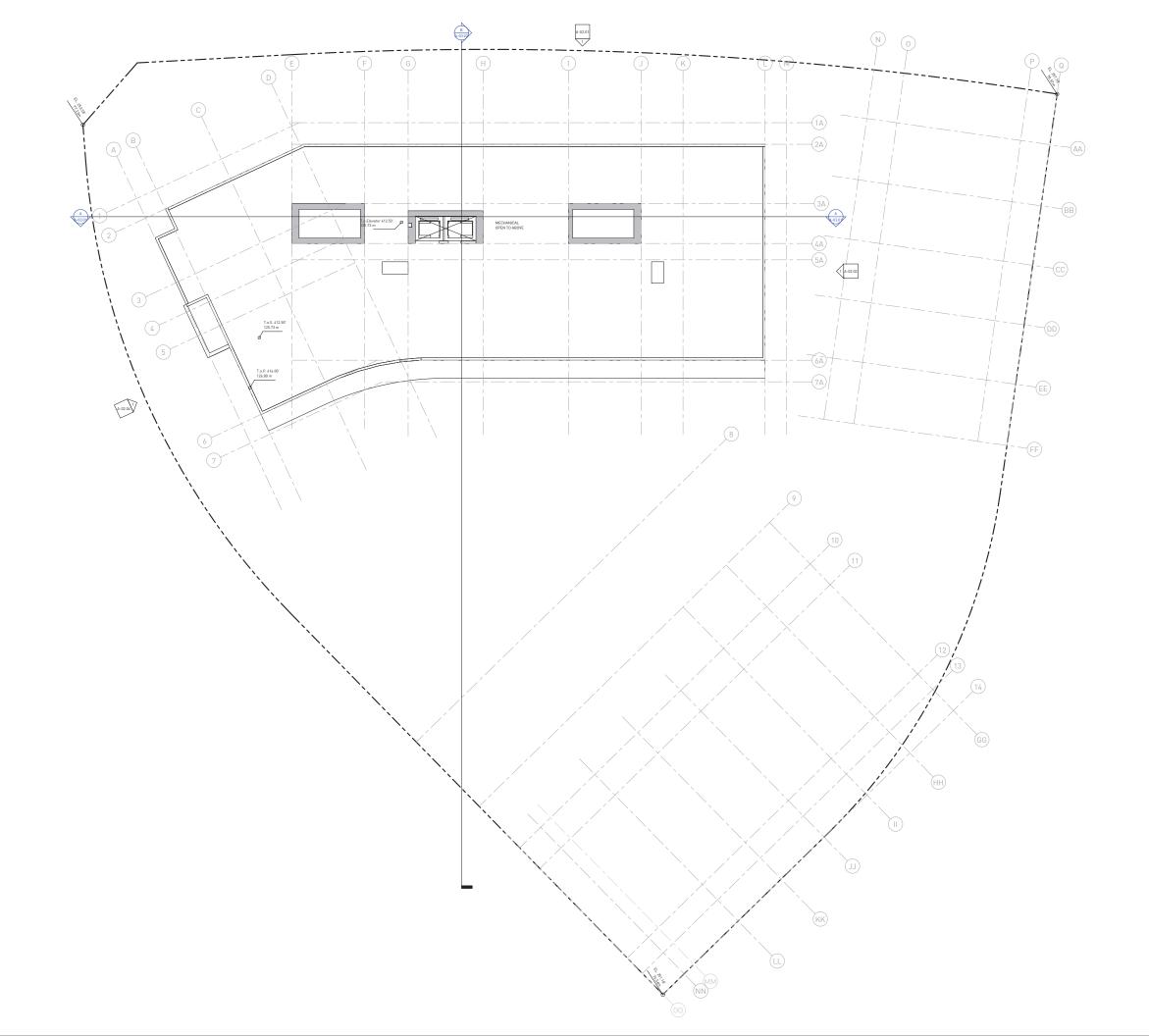
Wesbrook Place UBC Lot 26

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PLANS - LEVEL 16

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Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

PLANS - ROOF



North West Elevation

	MATERIAL LEGEND			
KEY	DESCRIPTION	COLOUR	NOTES	
A1	Window Wall With Charcoal Frames / Grey Metal Spandrel	Grey	-	
A2	Window Wall With White Frames / White Aluminum Panel	White	-	
C1	Fritted Guardrail with Powder Coated Aluminum Railings	Charcoal	-	
D1	Composite Aluminum Panel	Dark Charcoal	-	
D2	Composite Aluminum Panel	Space Grey	-	
D3	Composite Aluminum Panel	White	-	
E1	Concrete Painted Soffit	Potters Clay	-	
E2	Concrete Painted Soffit	Desert Sand	-	
F1	High Density Fibre Cement - Textured	Champagne	-	
F2	Perforated Metal Panel Privacy Screen	Champagne	-	
G1	Metal Louver Screened Mechanical Enclosure	Champagne	-	





Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION ELEVATION - NORTH

WEST

JOB NUMBER 22038



(7A) (6A) (5A) (4A) (3A) (2A) (1A) 4' - 6 1/2" 11' - 1 7/8" 16' - 4 7/8" 6' - 0" 14' - 6" 1.38 m 3.40 m 5.00 m 1.83 m 4.42 m 6' - 0" 1.83 m G1 D2 A1 A2 C1 ROSS DRIVE F1 E L9 333' - 4" F2 L8 322' - 8" D3 D2 WEBBER LANE F2 COLOUR NOTES

North East Elevation

Wesbrook Place

UBC Lot 26

DEVELOPMENT
APPLICATION SUBMISSION
ELEVATION - NORTH

ELEVATION - NORTH EAST

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High Density Fibre Cement - Textured

Champagne





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Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION ELEVATION - SOUTH EAST

DATE DRAWN BY CHECKED BY SCALE

MATERIAL LEGEND

High Density Fibre Cement - Textured

Dark Charcoal Space Grey
White
Potters Clay
Desert Sand

Champagne Champagne Champagne

JOB NUMBER 22038







Wesbrook Place UBC Lot 26

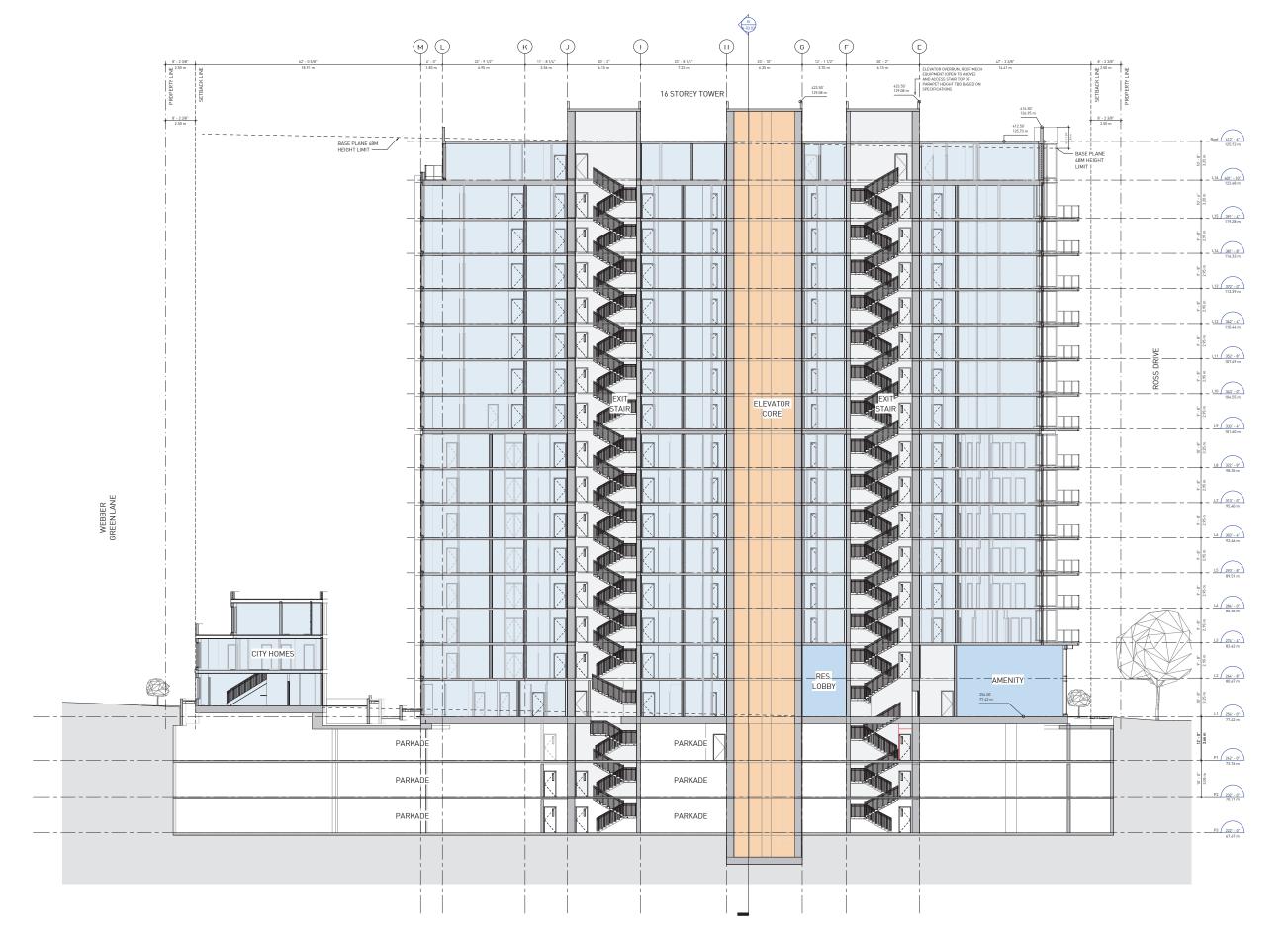
DEVELOPMENT APPLICATION SUBMISSION ELEVATION - SOUTH

WEST

JOB NUMBER 22038









Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

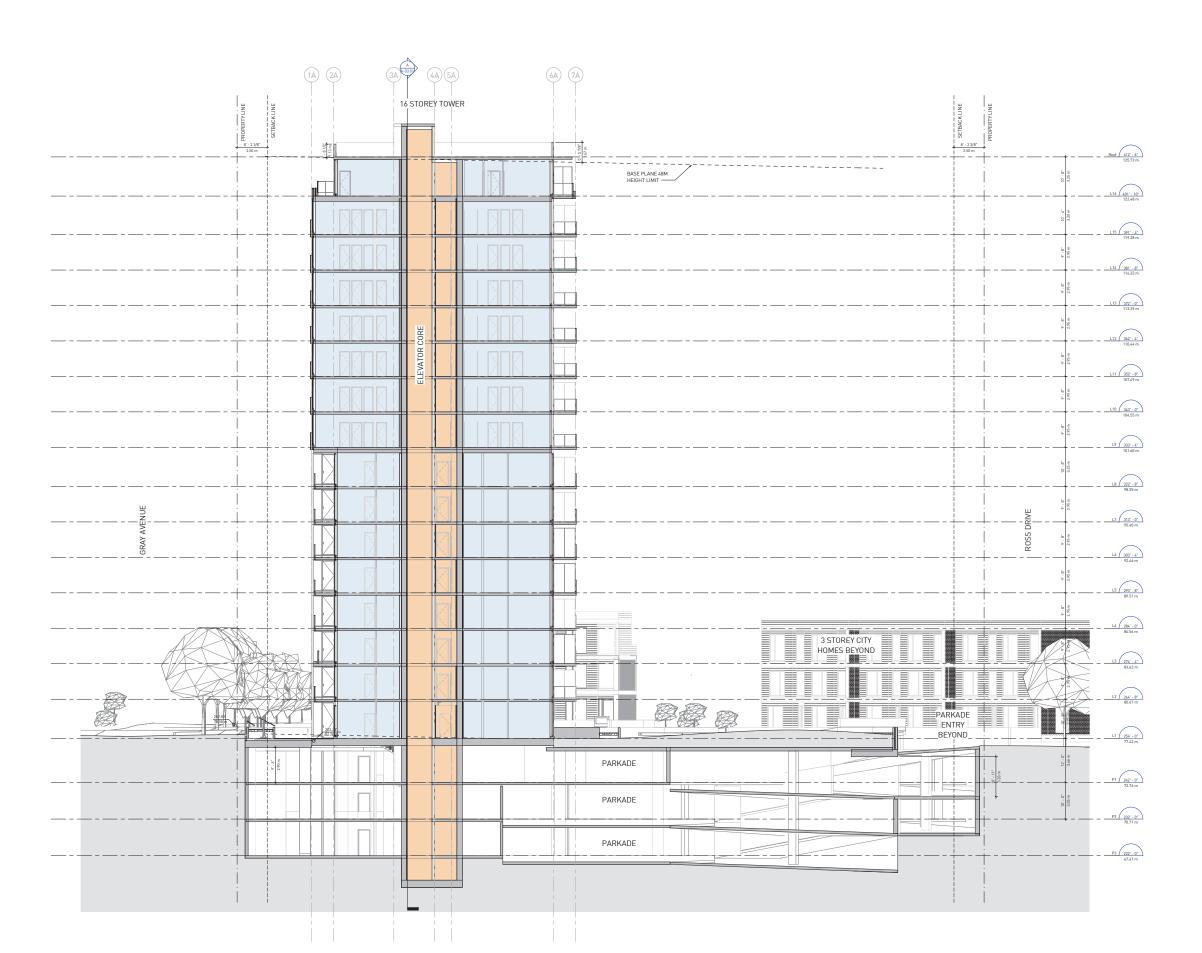
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 2023-05-23 DP Application - AUDP

2023-05-29 DP Application 2022-09-16 FEASIBILITY

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Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

SECTION B-B

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JOB NUMBER 22038

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Wesbrook Place UBC Lot 26

DEVELOPMENT APPLICATION SUBMISSION

SECTION C-C

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View from Gray Avenue and Ross Drive looking North-East



View from Main Entrance



View from Ross Drive Looking North



View from Courtyard Looking North-West



GBL ARCHITECTS INC.

100-222 WEST 8TH AVENUE TEL 604 736

ANCOUVER, BC CANADA VST 1R8 FAX 604 731

NOTES

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3D IMAGERY

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View from Courtyard Looking North



View from Ross Drive and Webber Lane



View from Ross Drive Looking North



View from Gray Avenue looking South



 ■ GBL ARCHITECTS INC.

 800-224 WEST 8TH AVENUE
 TEL 604 736

 /ANCOUVER, BC CANADA VST 1R8
 FAX 604 731

 XXYYEGGE RESERVED. THIS PLAN AND DESIGN ARE AND AT ALL TIMES REMAIL

REVISIO

1 2023-04-05 AUDP Pre-Application Submis 2 2023-05-23 DP Application - AUDP



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