City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7923-0297-00

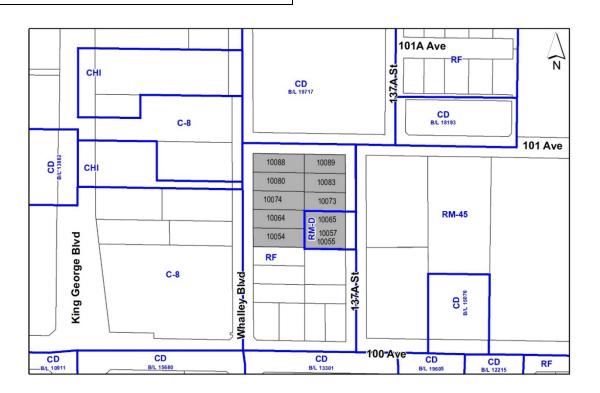
Planning Report Date: January 29, 2024

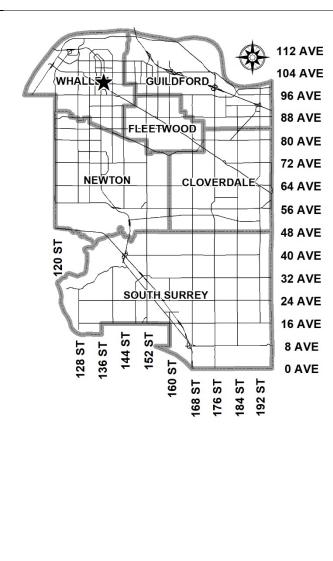
PROPOSAL:

- **OCP Amendment** to Figure 16: Downtown Densities from 3.5 FAR to 5.5 FAR
- **City Centre Plan Amendment** from Mid to High Rise Residential 3.5 FAR to High Rise Residential Type 1 5.5 FAR, for a portion of the site, and High Rise Mixed-Use Type I 5.5 FAR for a portion of the site
- Rezoning from RF and RM-D to CD
- Development Permit

to allow for one 38-storey mixed-used building and one 33-storey residential building consisting of 747 square metres of ground floor commercial and 822 residential units in City Centre.

LOCATION:	10073, 10083, 10089, 10055 – 137A Street (10057, 10065 -137A Street)
	10054, 10064, 10074, 10080, 10088- Whalley Boulevard
ZONING:	RF and RM-D
OCP DESIGNATION:	Downtown
CITY CENTRE DESIGNATION:	Mid to High Rise Residential 3.5 FAR





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RECOMMENDATION SUMMARY

- By-law Introduction and set date for Public Hearing for:
 - OCP Amendment; and
 - Rezoning.
- Approval to draft Development Permit for Form and Character.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- Proposing an amendment to the Official Community Plan to Figure 16: Downtown Densities from 3.5 FAR to 5.5 FAR to permit a higher density on the site.
- Proposing an amendment to the City Centre Plan from Mid to High Rise Residential 3.5 FAR to High Rise Residential Type 1 5.5 FAR, on the east portion of the site, and High Rise Mixed-Use Type I 5.5 FAR on the west portion of the site.

RATIONALE OF RECOMMENDATION

- The current proposal does not comply with the Downtown 3.5 FAR designation in the Official Community Plan (OCP) or the Mid to High Rise Residential 3.5 FAR designation in the Surrey City Centre Plan. Amendments are proposed to accommodate a higher density.
- Although the proposed density on the subject site is higher than that prescribed in the OCP and City Centre Plan, the proposed towers, including ground floor commercial along Whalley Boulevard, will support and complement this area of Surrey City Centre.
- The proposed density and building forms are appropriate for this part of Surrey City Centre, and form part of an emerging high-density mixed-use, office and residential hub around King George SkyTrain Station, Central Downtown and the surrounding area.
- The proposed development conforms to the goal of achieving high-rise, high-density development around the three SkyTrain Stations in City Centre. The King George Skytrain Station is located within walking distance of approximately 350 metres (a 5 minute walk) from the subject site.
- The provincial legislation introduced in December 2023, designates the site within a Skytrain Station Transit Oriented Area (TOA), Tier 2, which allows for a minimum FAR of 4.0 and a minimum height of 12-storeys.
- The proposed setbacks achieve a more urban, pedestrian streetscape in compliance with the Surrey City Centre Plan, adjacent developments, and in accordance with the Development Permit (Form and Character) design guidelines in the OCP.
- The applicant will provide a density bonus amenity contribution consistent with the Tier 2 Capital Projects Community Amenity Contributions (CACs), in support of the requested increased residential density.

- The street interface has been designed to a high quality to achieve a positive urban experience between the proposed building and the public realm, with public plaza spaces proposed along the north and south of the site.
- The proposed buildings achieve an attractive architectural built form, which utilizes high quality materials, contemporary lines, and unique form.

RECOMMENDATION

- 1. An OCP Amendment By-law be introduced to amend the OCP Figure 16: Downtown Densities for the subject site from 3.5 FAR to 5.5 FAR and a date be set for Public Hearing.
- 2. Council determine the opportunities for consultation with persons, organizations and authorities that are considered to be affected by the proposed amendment to the Official Community Plan, as described in the Report, to be appropriate to meet the requirement of Section 475 of the Local Government Act.
- 3 A Bylaw be introduced to rezone from "Single Family Residential Zone (RF)" and "Duplex Residential Zone (RM-D)" to "Comprehensive Development Zone (CD)" and a date be set for Public Hearing.
- 4. Council authorize staff to draft Detailed Development Permit No. 7923-0297-00 generally in accordance with the attached drawings (Appendix I).
- 5. Council instruct staff to resolve the following issues prior to final adoption:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
 - (c) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
 - (d) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department, including the provision of sufficient soil volumes to allow for tree planting within the public plaza;
 - (e) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
 - (f) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;
 - (g) submission of an acoustical report and registration of a Section 219 Restrictive Covenant to ensure implementation of noise mitigation measures;
 - (h) registration of a volumetric statutory right-of-way for public rights-of-passage for on the north and south portions the site;
 - registration of a Section 219 Restrictive Covenant to adequately address the City's needs with respect to public art, to the satisfaction of the General Manager Parks, Recreation and Culture and with respect to the City's Affordable Housing Strategy and Tier 1 Capital Project CACs, to the satisfaction of the General Manager, Planning & Development Services;

- (j) Submission and approval of a finalized Transportation Impact Assessment, prepared by Bunt and Associates, transportation demand management plan (TDM) and cash-in-lieu to the satisfaction of staff; and
- (k) registration of access easements to secure for future shared vehicle parking and shared outdoor amenity space at grade between the two (2) developments.
- 6. Council pass a resolution to amend the Surrey City Centre Plan to redesignate a portion of the land from 'Mid to High Rise Residential 3.5 FAR' to High Rise Residential Type 1 5.5 FAR and a portion of the site to High Rise Mixed-Use Type I 5.5 FAR.

Direction	Existing Use	City Centre Plan	Existing Zone
	Ū	Designation	C .
Subject Site	Single family	Mid to High Rise	RF and RM-D
	homes	Residential 3.5 FAR	
North (Across 101 Avenue):	3-storey rental	High Rise Mixed-	CD (By No.
	buildings, with	Use Type I, 5.5 FAR	19717)
	finalized		
	Development		
	Application No.		
	7918-0289-00,		
	allowing for		
	multiple high-rise,		
	mid and low rise		
	buildings		
East (Across 137A Street):	2-storey	Low to Mid Rise	RM-45
	townhouse units	Residential 2.5 FAR	
South:	Single family	Mid to High Rise	RF
	homes	Residential 3.5 FAR	
West (Across Whalley	2-storey	Mid to High Rise	C-8
Boulevard):	commercial	Residential 3.5 FAR	
	buildings		

SITE CONTEXT & BACKGROUND

Context & Background

- The 8,106 square metre subject site consists of 9 properties, located in City Centre, south of 101 Avenue, and between Whalley Boulevard and 137A Street.
- The subject site is designated Downtown 3.5 FAR, in the Official Community Plan (OCP), Mid to High Rise Residential (3.5 FAR) in the City Centre Plan and is zoned Single Family Residential (RF) Zone and Duplex Residential (RM-D) Zone.

- The subject application is generally consistent with the Downtown District designation in the Official Community Plan (OCP) and Mid to High Rise Residential designation in the CCP, while being higher in density. The west portion of the site, along Whalley Boulevard, is proposing an amendment to the City Centre Plan to allow for ground floor commercial.
- Staff are supportive of the increase in density given the site's location in City Centre and proximity to King George Skytrain Station and the Central Downtown area.

DEVELOPMENT PROPOSAL

Planning Considerations

- The applicant is proposing the following:
 - OCP Amendment to Figure 16: Downtown Densities from 3.5 FAR to 5.5 FAR.
 - City Centre Amendment from Mid to High Rise Residential (3.5 FAR) to High Rise Residential Type I 5.5 FAR on the east portion of the site and High Rise Mixed-Use Type I 5.5 FAR on the west portion of the site.
 - Rezoning from RF and RM-D to CD.
 - Development Permit.
 - Subdivision.

to allow for one 38-storey mixed-used building and one 33-storey residential building consisting of 747 square metres of ground floor commercial and 822 residential units in City Centre.

- The project is proposed as a 2-phased mixed-use and residential development with two towers in total.
- Phase 1 includes a 33-storey residential tower, with 6-storey podium, located on the east portion of the site along 137A Street.
- Phase 2 includes a 38-storey mixed-use tower, with 10-storey podium, and is located on the west portion of the site along Whalley Boulevard. Ground floor commercial is proposed along Whalley Boulevard and wrapping to 101 Avenue and the future green lane.
- Publicly accessible plazas are proposed along the south and north portions of the site adjacent to the internal courtyard.
- Development data is included in the following table:

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	Proposed	
Lot Area		
Gross Site Area:	8,106 square metres	
Road Dedication:	1,109 square metres	
Undevelopable Area:	N/A	
Net Site Area:	6,997 square metres	
Number of Lots:	9	
Building Heights:	33 and 38-storeys	
Floor Area Ratio (FAR):	Gross FAR: 7.4/ Net FAR: 8.6	
Floor Area		
Residential:	59,091 square metres	
Commercial:	747 square metres	
Total:	59,839 square metres	
Residential Units:		
Studio:	16	
1-Bedroom:	262	
1-Bedroom and den:	113	
2-Bedroom:	360	
2-Bedroom plus den:	44	
3-Bedroom:	17	
Townhouses:	10	
Total:	822	

Referrals

Engineering:	The Engineering Department has no objection to the project subject to the completion of Engineering servicing requirements as outlined in Appendix II.
School District:	The School District has advised that there will be approximately 29 school-age children generated by this development, of which the School District has provided the following expected student enrollment.
	16 Elementary students at Lena Shaw School 8 Secondary students at Guildford Park Secondary School
	(Appendix III)
	Note that the number of school-age children is greater than the expected enrollment due to students attending private schools, home school or different school districts.

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Parks, Recreation & Culture:	The closest active park is Holland Park and is 350 metres away, and the closest natural area is Green Timbers Park and is 800 metres away. Future parkland is proposed within 175 metres of the development as proposed in the City Centre Plan.
Surrey Fire Department:	No concerns
Advisory Design Panel:	The proposal was considered at the ADP meeting on December 14, 2023 and was supported. The applicant has resolved most of the outstanding items from the ADP review as outlined in the Development Permit section of this report. Any additional revisions will be completed prior to Council's consideration of Final Adoption of the rezoning by-law, to the satisfaction of the Planning and Development Department.

Transportation Considerations

Traffic Impacts

- A transportation impact analysis ("TIA") was required to be submitted to evaluate sitegenerated traffic impacts and identify required improvements to service the subject proposal.
- Based on the TIA, the subject proposal is anticipated to generate approximately three to four vehicles per minute in the peak hour.
- The TIA indicated that the road network and study intersections were projected to operate at acceptable levels of service with the additional traffic as a result of the subject proposal, with signal timing improvements to the existing signals on Whalley Boulevard.

Road Network and Infrastructure

- The applicant will be providing the following improvements along the subject site road frontages:
 - Dedication and construction of the east side of Whalley Boulevard to the City Centre arterial road standard;
 - Construction of the north side of 101 Avenue to the City Centre local road standard;
 - Construction of the west side of 137A Street to the City Centre local road standard; and
 - Dedication and construction of a green lane along the north side of the subject site.

Access and Parking

- The subject site is proposed to be accessed via 101 Avenue and the green lane.
- A total of 722 parking spaces are proposed to be provided on site, along with provision of transportation demand management ("TDM") measures, exceeding the Zoning Bylaw rates.

Sustainability Considerations

- The applicant has met all of the typical sustainable development criteria, as indicated in the Sustainable Development Checklist.
- In addition, the applicant has highlighted the following additional sustainable features:
 - Construction emphasizes the use of materials that are certified to be from renewable sources and are manufactured or assembled locally to save on transportation energy and emissions. The design also specifies the use of healthy materials, adhesives, sealants, paints and coatings to minimize the emission of harmful chemicals; all of which reduces impacts on outside ecosystems while helping create the healthiest indoor environment for homeowners and office workers.
 - The buildings are designed to maximize natural daylighting and solar efficiency. The design specifies efficient systems such as Energy Star appliances, Intelligent lighting systems and LED lighting throughout. The project will be designed to Step Code 2 Standards.
 - The multiple terraced roof areas of the Tangerine Residence Development are designed to incorporate living spaces, landscape, and technology to create a positive environmental effect. Areas will be dedicated to 'green roof', reducing waste heat generation, and creating beneficial urban eco-habitats.

POLICY & BY-LAW CONSIDERATIONS

Regional Growth Strategy

• The subject site is designated General Urban in Metro Vancouver's Regional Growth Strategy (RGS). The proposed development complies with the RGS.

Official Community Plan

Land Use Designation

- The subject site is designated Downtown in the Official Community Plan, with a permitted maximum density of 3.5 FAR as noted in Figure 16 of the OCP.
- The applicant is proposing to amend Figure 16 to accommodate the proposed development by increasing the allowable density from 3.5 FAR to 5.5 FAR.

• The proposed development will be subject to both Tier 1 and Tier 2 Capital Plan Project CACs.

Amendment Rationale

- The proposed density and building form are appropriate for this part of Surrey City Centre, and forms part of an emerging high-density mixed-use hub that will be complementary to the City Centre, Central Downtown and King George Hub area.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the OCP designation, as described in the Community Amenity Contribution section of this report.

Public Consultation for Proposed OCP Amendment

• Pursuant to Section 475 of the <u>Local Government Act</u>, it was determined that it was not necessary to consult with any persons, organizations or authorities with respect to the proposed OCP amendment, other than those contacted as part of the pre-notification process.

Themes/Policies

- The proposed development is consistent with the following OCP Themes and Policies:
 - o Growth Management
 - Accommodating Higher Density: Direct residential development into Surrey's City Centre at densities sufficient to encourage commercial development and transit services expansion.
 - Centres, Corridors and Neighbourhoods:
 - Dynamic City Centre: Strengthen Surrey's City Centre as a dynamic, attractive and complete Metropolitan Core, by providing a mix of commercial and residential space in a comprehensively-designed development.
 - Transit Corridors: Support Transit Oriented Development along major corridors linking urban centres and employment areas, through the development of a high density development within walking distance to the SkyTrain and other transit infrastructure.
 - Healthy Neighbourhood: Plan and design urban neighbourhoods with sufficient densities to support a higher-quality transit system that is accessible to most residents.
 - Urban Design: Implement high architectural and urban design standards to create both socially and environmentally sustainable high-density development, with a unique blend of safe, beautiful, active, and vibrant interconnected and publicly-accessible spaces.

Secondary Plans

Land Use Designation

• The subject site is designated Mid to High Rise Mixed Use in the City Centre Plan (CCP).

• The applicant is proposing to amend the City Centre Plan from Mid to High Rise Mixed Use (3.5 FAR) to High Rise Residential and Mixed-Use – Type I (5.5 FAR) to accommodate the proposed development.

Amendment Rationale

- The proposed density and building form are appropriate for this part of Surrey City Centre, and forms part of an emerging high-density mixed-use hub that will be complementary to Central Downtown area.
- The proposed development conforms to the goal of achieving high-rise, high-density development around the three SkyTrain Stations. The King George Skytrain Station is located within a walking distance of 350 metres from the subject site.
- The proposed development includes ground floor commercial space that will continue the pattern of commercial frontage established north of the site along Whalley Boulevard.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed residential density greater than the Secondary Plan designation, as described in the Community Amenity Contribution section of this report.

Themes/Objectives

- The proposed development is consistent with the following guiding principles:
 - Build Density, through the development of a high-density development close to the SkyTrain stations.
 - Encourage Housing Diversity, with a variety of unit types and sizes.
 - Create Vibrant Urban Space, with high quality architectural aesthetics, individual units oriented towards public streets to animate the street, and amenities such as plazas.
 - o Green the Downtown, with appropriate new tree planting and landscaping treatments.
 - Promote Identity and Sense of Place, with a blend of open landscaped spaces and enclosed residential spaces.

CD By-law

• The applicant proposes to rezone the subject site from "Single Family Residential Zone (RF) and 'Duplex Residential Zone (RM-D) to "Comprehensive Development Zone (CD)".

- The applicant is proposing a "Comprehensive Development Zone (CD)" to accommodate the proposed development on the subject site. The proposed CD By-law for the proposed development site identifies the uses, densities and setbacks proposed. The CD By-law will have provisions based on the "Multiple Residential 135 Zone (RM-135)" and the "Community Commercial Zone (C-8)".
- The CD Bylaw is divided into Blocks A and B. Block A contains the proposed 33-storey residential development on the east portion of the site. Block B contains the proposed 38-storey mixed-use development on the west portion of the site.
- A comparison of the density, lot coverage, setbacks, building height and permitted uses in the RM-135 Zone, C-8 Zone and the proposed CD By-law is illustrated in the following table:

	RM-135 and C-8 Zones	Proposed CD By-law
Land Use	The RM-135 Zone permits multiple unit residential buildings and ground- oriented multiple residential buildings. The C-8 Zone permits	Residential will comply with the RM-135 Zone in all Blocks A and B.
	 commercial uses including: Retail stores; Personal service uses; 	following: Block B
	 General service uses; Beverage container return centres; Eating establishments; Neighbourhood pubs; Liquor stores; Office uses; Parking facilities; Automotive service uses; Indoor recreational facilities; Entertainment uses; Assembly Halls; Community services; Child care facilities; and One dwelling unit. 	 Retail stores; Personal service uses; General service uses; Eating establishments; Neighbourhood pubs; Liquor stores; Office uses; Indoor recreational facilities; Entertainment uses; Community services; and Child care facilities.
FAR (Net Density)	2.5	Overall net site density: 8.6 Block A:
		Block A: 7.9 Block B: 9.2
Lot Coverage	33%	Block A: 50%

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	RM-135 and C-	8 Zones	Pı	roposed CD By-law
			Block H	3: 50%
Building Setbacks	50% of the height	of the	Block A	
8	building from all l		North:	4.5 metres
			South:	4.5 metres
			East:	4.5 metres
			West:	7.5 metres
			Block E	}
			North:	3.0 metres
			South:	3.0 metres
			East:	7.5 metres
			West:	3.0 metres
Building Height	Not Applicable		Block	A: 115 metres
			Block I	B: 129 metres
Amenity Space				
Indoor Amenity:	1,565 sq. metres	Block	кA	The 1,66m ² meets the
		750 sq	. m	minimum Bylaw
		Sq.me	tres	requirement and the
		Block	ĸВ	remaining m2 will be
		814 sq.m	netres	paid by cash-in-lieu.
Outdoor Amenity:	2,466 sq. metres	sq. me	tres	The proposed 3,787 m ²
-		2,444 S	q.m	exceeds the Bylaw
			-	requirement.
Parking (Part 5)		Requi	red	Proposed
Number of Stalls				
Commercial:		18		
Residential:		740		
Residential Visitor:		82		
Total:		840)	722
Bicycle Spaces				
Residential Secure Parking:		986	<u> </u>	990
Residential Visitor:		12		12
Total:		998	3	1,002

- The proposed net floor area ratio (FAR) of 7.9 (Block A) and 9.2 (Block B) and the lot coverage of 50% will exceed the maximum 2.5 FAR and 33% lot coverage permitted under the RM-135 Zone.
- While the proposed density exceeds that permitted in the Low to Mid Rise Residential designation (2.5 FAR) calculated on the gross site area, the proposed use and density complies with the intent of the proposed Mid to High Rise Residential and Mixed-Use (3.5 FAR) designations in the Surrey City Centre Plan, with density bonus. The overall gross density is 7.4 FAR.
- The proposed lot coverage is appropriate for the proposed development including significant podiums and is in context with proposed neighbouring high rise developments to the north along Whalley Boulevard.
- The RM-135 Zone requires the setbacks to be 7.5 metres or a minimum of 50% of the building height, whichever is greater. The applicant is proposing reductions for all setbacks in the CD By-law. The reduction in building setbacks is supportable as they allow for more active engagement of the streets, which is desirable for the City Centre area and consistent with the City Centre Plan design guidelines.

Capital Projects Community Amenity Contributions (CACs)

- On December 16, 2019, Council approved the City's Community Amenity Contribution and Density Bonus Program Update (Corporate Report No. R224; 2019). The intent of that report was to introduce a new City-wide Community Amenity Contribution (CAC) and updated Density Bonus Policy to offset the impacts of growth from development and to provide additional funding for community capital projects identified in the City's Annual Five-Year Capital Financial Plan. A fee update has been approved in April 2023, under Corporate Report No.R037;2023.
- The proposed development will be subject to the Tier 1 Capital Plan Project CACs. The contribution will be payable at the rate applicable at the time of Final Subdivision Approval. The current rate is \$2,136 on a per unit basis.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the City Centre Plan designation. The current rate for the Whalley Community Area is \$459.85 per sq.m of residential floor area above the current City Centre Plan designation.

Affordable Housing Strategy

- On April 9, 2018, Council approved the City's Affordable Housing Strategy (Corporate Report No. Ro66; 2018) requiring that all new rezoning applications for residential development contribute \$1,068 per new unit to support the development of new affordable housing. The funds collected through the Affordable Housing Contribution will be used to purchase land for new affordable rental housing projects.
- The applicant will be required to register a Section 219 Restrictive Covenant to address the City's needs with respect to the City's Affordable Housing Strategy.

Public Art Policy

The applicant will be required to provide public art, or register a Restrictive Covenant agreeing to provide cash-in-lieu, at a rate of 0.5% of construction value, to adequately address the City's needs with respect to public art, in accordance with the City's Public Art Policy requirements. The applicant will be required to resolve this requirement prior to consideration of Final Adoption.

PUBLIC ENGAGEMENT

• Pre-notification letters were sent on January 17, 2024, and the Development Proposal Signs were installed on January 16, 2023. Staff received no comments.

DEVELOPMENT PERMITS

Form and Character Development Permit Requirement

- The proposed development is subject to a Development Permit for Form and Character and is also subject to the urban design guidelines in the Surrey City Centre Plan.
- The proposed development complies with the Form and Character Development Permit guidelines in the OCP and the design guidelines in the Surrey City Centre Plan.
- The project is proposed as a 2-phased mixed-use and residential development with two towers in total.
- Phase 1 includes a 33-storey residential tower, with 6-storey podium, and is located on the east portion of the site along 137A Street.
- Phase 2 inlcudes a 38-storey mixed-use tower, with 10-storey podium, and is located on the west portion of the site along Whalley Boulevard. Ground floor commercial is proposed along Whalley Boulevard.
- The two towers have been positioned on site to maximize tower separation and view corridors. The podium forms are tiered with rooftop landscaping providing elevated areas of open space amenity for the residents of each tower.
- A significant courtyard internal to the site stretches from north to south between the buildings and provides ground level connections between the two phases. This design offers opportunities for residents to have green open space within their own development. This courtyard will be complemented with amenities spaces, providing both visual appeals, and gathering spots for the residents.
- Public plaza spaces will be secured along the north portion of the site, 101 Avenue, and south portion of the site, the future green lane. Detailed design and volumetric statutory rights-of-ways will be registered in advance of final approval.

- Phase 2 (Whalley Boulevard) is connected to a 10-storey podium that gradually steps down every 3 floors, and is thoughtfully sculpted, featuring articulated angled balconies facing north.
- Phase 1 (137A Street) is anchored by a 6-story podium with stepped articulation on the 5th floor. The angled podium steps create view corridors from each of the towers.
- The podium roof decks offer outdoor amenity areas spacious gathering area situated adjacent to the indoor social amenity space. Their southern orientation optimizes sunlight exposure throughout the day, creating an ideal setting for social gatherings and resident relaxation. We have varied the height between the two podiums to create more variety and dynamic expression.
- The design of the buildings incorporates horizontal bands that seamlessly integrate with the façade's window system and balcony guardrails, resulting in an elegant and dynamic expression. This design language includes clearly articulated podiums and tower forms, allowing the buildings to talk to each other while retaining their distinctive characteristics.
- On the western façade of Phase 2 and the eastern façade of Phase 1, two structural elements extend vertically from the ground to the top of tower. These architectural "spines" contribute to the building's vertical expression and introduce a unifying and visually captivating element, featuring prefinished metal panel in terracotta color that ties the entire structure together.
- The applicant has agreed to continue to work with staff to address the following items:
 - Development and refinement of the public realm interfaces, detailing of urban plaza concept along the north and south. and the interim conditions on the green lane.
 - Further refinement of the proposed materials and finishings.

Landscaping

- The streetscape has been designed to meet City Centre standards with enhanced public realm treatment.
- The commercial frontage will provide animation and extend onto the public realm.
- The residential frontages will include soft landscaping and hardscaping with usable patio depths.
- Direct access from the ground floor residential units will be provided to the sidewalks and interim walkway along the south.
- An internal courtyard is proposed between the two phases that will connect to the public realm and also create a hub of semi-private activity.
- Green edges will frame the pedestrian experience and separate the vehicular areas of the site.

- At the north end of the courtyard, a raised wood deck will create a gathering space and meeting point for the neighbourhood. A grove of trees will provide a green entry experience for the lobby, which will lead into an amenity space opening up on to the breezeway. Central to the breezeway, a children's play area will serve both phases of the project, with direct access from an amenity room in each phase.
- As the buildings step back, landscaping opportunities will be created at top levels of each of the steps. Shrub planting and trees will be used to accent the architectural expression and soften the edges of the terraces. The program will include spill out spaces off the amenity rooms, co-working spaces, pods, outdoor living rooms, BBQ areas, outdoor dining, dog off leash areas and central lawn areas for flexible use.
- The design tries to maximize the ability for several people to use the courtyard independently, with opportunities to come together as a community or host large family events. In addition to the hard surfaces, intensive green roofs will provide valuable habitat and food sources for nesting birds. In addition to habitat, the soft landscape areas will provide storm water benefits, reducing peak flows by absorbing water from rainfall events. Trees and trellises will float over the terrace, providing human scale spaces with dappled shade. Raised planters will be used on the upper levels to define spaces, to integrate pathway lighting into the design provide the required soil volumes for the trees.
- A mix of native and adaptive, drought tolerant plant material is proposed for the landscape areas on the podium. Site safety will be addressed throughout the site by selecting vegetation at recommended levels to maintain site lines adjacent to public areas and circulation routes. Evergreen shrubs, perennials and grasses, will comprise the majority of the plant palette, providing seasonal interest and a variety of habitat.

Indoor Amenity

- Per the Indoor Amenity Space requirements of the Zoning By-law No. 12000, high-rise towers that are 25 storeys or higher must provide 3 square metres of indoor amenity space per unit up to 557 square metres per tower, which equates to 186 units, plus 1 square metre per unit above 557 square metres, plus 4 square metre per micro unit and 1 square metre per lock-off unit for each building.
- Based upon the City's Zoning Bylaw requirement, the proposed development must provide a total of 1,564 square metres of indoor amenity space for the proposed 822 residential units, (there are no micro or lock-off units proposed). Of that 1,564 square metres of indoor amenity space, a total of 744 square metres must be provided on site (372 square metres per building), and the remainder can be provided through a cash-in-lieu contribution.
- The applicant is proposing 1,663 square metres of indoor amenity space located throughout the development, which exceeds the minimum requirement as outlined in the Bylaw.
- Phase 1 (east tower site) is proposing indoor amenity areas on the ground floor and in the podium on levels 7 and 34 for a total of 854 square metres.
- Phase 2 (west tower site) is proposing indoor amenity areas on the ground floor in the podium on levels 8, 11 and 39 for a total of 809 square metres.

- The primary indoor amenity spaces in both buildings are located on the ground floor and rooftops and are designed to provide for a wide range of activities and programming.
- The spaces will include games areas, fitness areas, working and meeting rooms, and multipurpose spaces and event areas.
- Indoor spaces are connected to outdoor amenity spaces with their complimentary programs and functions.

Outdoor Amenity

- Based upon the City's Zoning Bylaw requirement of 3 square metres per dwelling unit of outdoor amenity space, a total of 2,466 square metres of outdoor amenity space is required for the proposed development.
- The applicant is proposing 3,787 square metres of outdoor amenity space across the site, which exceeds the total outdoor amenity space required under the Zone.
- A central courtyard is proposed between the two sites and provides for a wide range of programmable space, including seating, tree groves and play and gathering areas. This plaza includes a mix of hard surface areas and trees and greenery.
- Phase 1 (east tower site) is proposing outdoor amenity areas on the ground floor and in the podium on levels 7 and 34, that are all connected to indoor amenity areas.
- Phase 2 (west tower site) is proposing outdoor amenity areas on the ground floor in the podium on levels 8, 11 and 39, that are all connected to indoor amenity areas.
- The program will include spill out spaces off the amenity rooms, co-working spaces, pods, outdoor living rooms, BBQ areas, outdoor dining, dog off leash areas and central lawn areas for flexible use.

TREES

• Francis Klimo, ISA Certified Arborist of Klimo and Associates prepared an Arborist Assessment for the subject property. The table below provides a summary of the proposed tree retention and removal by tree species:

Tree Species	Ex	isting	Remove	Retain	
Alde	Alder and Cottonwood Trees				
Alder		2	2	0	
Cottonwood		2	2	0	
(excluding		ous Trees nd Cottonwo	ood Trees)		
Bigleaf magnolia		1	1	0	
Common holly		3	3	0	
Black cherry		4	4	0	
Common cherry		7	7	0	
Mountain ash		2	2	0	
Butternut		2	2	0	
	Conife	rous Trees			
Leyland cypress		2	2	0	
Douglas fir		19	19	0	
Emerald cedar		1	1	0	
Norway spruce		1	1	0	
Western redcedar		3	3	0	
Colorado spruce		1	1	0	
Lodgepole pine		3	3	0	
Scots pine		1	1	0	
Total (excluding Alder and Cottonwood Trees)		50	50	0	
Total Replacement Trees Proposed (excluding Boulevard Street Trees)		105			
Total Retained and Replacement Trees Proposed		105			
Estimated Contribution to the Green City Program		N/A			

Table 1: Summary of Proposed Tree Preservation by Tree Species:

• The Arborist Assessment states that there are a total of 50 mature trees on the site, excluding Alder and Cottonwood trees. Of the 54 existing trees, approximately 7 % of the total trees on the site, are Alder and Cottonwood trees. The applicant proposes to retain no trees as part of this development proposal. The proposed tree retention was assessed taking into consideration the location of services, building footprints, road dedication and proposed lot grading.

- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for Alder and Cottonwood trees that are outside the streamside protection area, and a 2 to 1 replacement ratio for all other trees, including Alder and Cottonwood that are within a streamside protection area. This will require a proposed total of 104 replacement trees on the site. The applicant is proposing 105 replacement trees, exceeding City requirements.
- In addition to the replacement trees, boulevard street trees will be planted along all road frontages. This will be determined by the Engineering Department during the servicing design review process.
- The new trees on the site will consist of a variety of trees including Armstrong Maple, Coral Bark Japanese Maple, Eastern Redbud and Butterflies Magnolia.
- In summary, a total of 105 trees are proposed to be retained or replaced on the site with no estimated contribution to the Green City Program.
- The proposed tree retention and replacement strategy will be refined as the applicant works through the detailed design process.

CITY ENERGY

- The subject site is located within Service Area A, as defined in the "City Centre District Energy System By-law" (see Appendix VII for location). The District Energy System consists of three primary components:
 - community energy centres, City-operated facilities that generate thermal energy for distribution through a piped hot water network;
 - distribution piping that links the community energy centres with buildings connected to the system; and
 - City-owned energy transfer stations (ETS) located within the building connected to the system. The ETS transfers heat energy from the distribution system to the building's mechanical system, and is used to meter the amount of energy used.
- All new developments within Service Area A with a build-out density equal to or greater than a floor area ratio (FAR) of 1.0 will be required to provide hydronic thermal energy systems in support of the City's District Energy (DE) system including domestic hot water, make-up air units and in-suite hydronic space heating. The City is committed to having the DE system operational within the timeframe of this project. Therefore, the subject application will be required to connect to the City's DE system prior to occupancy.

- In order to avoid conflicts between the District Energy System and other utilities, the location of the ETS and related service connections are confirmed by Engineering and the applicant at the servicing agreement stage. The Engineering Department also requires the applicant to register a statutory right-of-way and Section 219 Restrictive Covenant over the subject site for the following purposes:
 - City access to, and maintenance and operation of, the ETS within the building and any infrastructure between the building and the property line; and
 - to prevent conflicts with other utilities.
- Prior to the issuance of a building permit, the Engineering Department will confirm that the applicant has met the requirements of the "City Centre District Energy System By-law".

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

- Appendix I. Proposed Subdivision Layout, Site Plan, Building Elevations, Landscape Plans and Perspective
- Appendix II. Engineering Summary
- Appendix III. School District Comments
- Appendix IV. Summary of Tree Survey, Tree Preservation and Tree Plans
- Appendix V. OCP Redesignation Map
- Appendix VI. ADP Comments and Response
- Appendix VII. District Energy

approved by Ron Gill

Don Luymes General Manager Planning and Development

IM/ar

<u>CONFIDENTIAL</u> <u>OWNER/AGENT/PROPERTY INFORMATION</u> <u>ACTION FOR CLERKS</u>

Information for City Clerk

Legal Description and Owners of all lots that form part of the application:

- 1. Properties involved in the Application
 - (a) Civic Address: 10073 137A Street 10083 137A Street 10089 137A Street 10057/55/65 137A Street 10054 Whalley Boulevard 10064 Whalley Boulevard 10074 Whalley Boulevard 10080 Whalley Boulevard 10088 Whalley Boulevard
 - (b) Civic Address: 10073 137A Street
 Owner: Surrey Central Tower I Holdings Inc
 <u>Director Information:</u>
 Kulwant Dhesi
 Amandeep Dhillon
 Charnjeev Makkar

No Officer Information Filed as at October 24, 2023.

PID: 005-561-060 Lot 7 Section 26 Block 5 North Range 2 West New Westminster District Plan 16017

(c) Civic Address: 10083 137A Street
 Owner: Surrey Central Tower I Holdings Inc
 <u>Director Information:</u>
 Kulwant Dhesi
 Amandeep Dhillon
 Charnjeev Makkar

No Officer Information Filed as at October 24, 2023.

PID: 011-523-573 Lot 8 Section 26 Block 5 North Range 2 West New Westminster District Plan 16017

(d) Civic Address: 10089 137A Street
 Owner: Fang Chen
 PID: 010-176-161
 Lot 9 Section 26 Block 5 North Range 2 West New Westminster District Plan 16017

(e)	Civic Address: Owner:	10057/55/65 137A Street Surrey Central Tower I Holdings Inc <u>Director Information:</u> Kulwant Dhesi Amandeep Dhillon Charnjeev Makkar
		No Officer Information Filed as at October 24, 2023.
	PID: Lot 10 Section 26 Blo	010-535-853 ck 5 North Range 2 West New Westminster District Plan 19693
(f)	Civic Address: Owner:	10054 Whalley Blvd Surrey Central Tower I Holdings Inc <u>Director Information:</u> Kulwant Dhesi Amandeep Dhillon Charnjeev Makkar
		No Officer Information Filed as at October 24, 2023.
	PID: Lot F Section 26 Bloc	010-142-860 ck 5 North Range 2 West New Westminster District Plan 15940
(g)	Civic Address: Owner:	10064 Whalley Blvd Surrey Central Tower I Holdings Inc <u>Director Information:</u> Kulwant Dhesi Amandeep Dhillon Charnjeev Makkar
		No Officer Information Filed as at October 24, 2023.
	PID: Lot "G" Section 26 Bl	004-780-469 ock 5 North Range 2 West New Westminster District Plan 15940
(h)	Civic Address: Owner:	10074 Whalley Blvd Surrey Central Tower I Holdings Inc <u>Director Information:</u> Kulwant Dhesi Amandeep Dhillon Charnjeev Makkar
		No Officer Information Filed as at October 24, 2023.
	PID: Lot "H" Section 26 B	004-780-477 lock 5 North Range 2 West New Westminster District Plan 15940

Civic Address:	10080 Whalley Blvd
Owner:	Surrey Central Tower I Holdings Inc
	Director Information:
	Kulwant Dhesi
	Amandeep Dhillon
	Charnjeev Makkar
	-

No Officer Information Filed as at October 24, 2023.

PID: 003-987-035 Block "I" Section 26 Block 5 North Range 2 West New Westminster District Plan 15940

(j) Civic Address: 10088 Whalley Blvd Owner: Surrey Central Tower I Holdings Inc Director Information: Kulwant Dhesi Amandeep Dhillon Charnjeev Makkar

No Officer Information Filed as at October 24, 2023.

PID: 004-027-540 Lot "J" Section 26 Block 5 North Range 2 West New Westminster District Plan 15940

2.	(a) Agent:	Name:	Richard Bernstein
	_		Chris Dikeakos Architects Inc.
		Address:	1635 West Broadway
			Vancouver, BC V6J 1W9

3. Summary of Actions for City Clerk's Office

- (a) Introduce a By-law to amend the Official Community Plan to redesignate the site.
- (b) Introduce a By-law to rezone the site.

PROPOSED MIXED-USE DEVELOPMENT

10054-88 WHALLEY BLVD. 10055-89 137A ST. SURREY, BC

SUBMISSION to COUNCIL

January 29, 2024

PROJECT NUMBER: 7923-0297-00

EMAIL: AMAN.DHESI@TANGERINEDEVELOPMENTS.COM

OWNER: TANGERINE DEVELOPMENTS #203-15350 CROYDON DRIVE, SURREY, BC V3Z 0Z5 TEL: 604.506.2535 CONTACT: AMAN DHESI

ARCHITECT:

CHRIS DIKEAKOS ARCHITECTS INC. 1635 W BROADWAY VANCOUVER BC, V6J 1W9 TEL: (604) 291-2660 FAX: (604) 291-2667 CONTACT: RICHARD BERNSTEIN EMAIL: RICHARD.B@DIKEAKOS.COM

LANDSCAPE ARCHITECT: DKL – DURANTE KREUK LTD. UNIT 102 - 1637 WEST 5TH AVENUE, VANCOUVER, BC, V6J 1N5 TELEPHONE 604-880-1721 CONTACT: DYLAN CHERNOFF E-MAIL: DYLAN@DKL.BC.CA

CIVIL:

COASTLAND ENGINEERING & SURVEYING LTD. #101- 19292 60TH AVENUE, SURREY, BC V3S 3M2 TELEPHONE 604-532-9700 EXT 203 CONTACT: MIKE HELLE E-MAIL: HELL@COASTLAND.BC.CA

GEOTECHNICAL: GEOPACIFIC CONSULTANTS 1779 WEST 75TH AVENUE, VANCOUVER BC, V6P 602, TEL: 778 994 7474 CONTACT: ALEX GOSSEN EMAIL: GOSSEN@GEOPACIFIC.COM

ELEVATOR: GUNN CONSULTANTS SUITE 166 1020 MAINLAND STREET, VANCOUVER, BC TEL:604-630-2276 CONTACT: THEDA KHUU EMAIL:CONTACT@GUNNCONSULTANTS.COM

TRAFFIC:

BUNT & ASSOCIATES ENGINEERING LTD. SUITE 1550 - 1050 WEST PENDER STREET, VANCOUVER, BC V6E 3S7 TEL: 604-685-6427 EXT 227 CONTACT: DANIEL FUNG E-MAIL: DFUNG@BUNTENG.COM

STRUCTURAL: KOR STRUCTURAL 502-510 BURRAND STREET,

VANCOUVER BC, V6C 3A8, TEL: 604 685 9533 CONTACT: JOHN MARKULIN EMAIL: JMARKULIN@KORSTRUCTURAL.COM

MECHANICAL/ENERGY MODEL:

EMEC SUITE 209, 5460 152 STREET, SURREY BC, V3S 5J9, TEL: 604 999 2069 CONTACT: ZEESHAN WAHLA EMAIL: ZEE@EMEC.CA

ELECTRICAL: EMEC SUITE 209, 5460 152 STREET, SURREY BC, V3S 5J9, TEL: 604 999 2069 CONTACT: DAVE HANS EMAIL: DAVE@EMEC.CA

SPRINKLER ENGINEERING: CARDINAL ENGINEERING LTD.

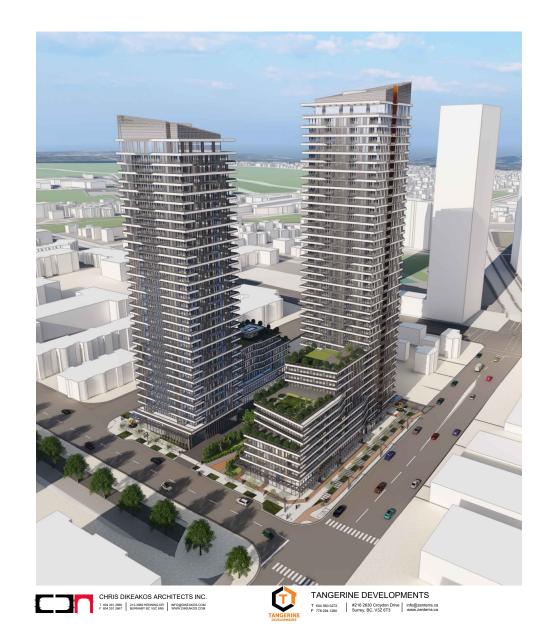
SUITE 709, 610 GRANVILLE STREET, VANCOUVER, BC, V6C 3T3 TEL: 604.605.0606 CONTACT: RYAN PAVEY E-MAIL: PAVEY@CARDINALFIRE.CA

CODE:

P SQUARE UNIT 208 314 WEST CORDOVA STREET, VANCOUVER, BC TEL: 778-882-7720 CONTACT: PETER HOSSEINI E-MAIL: PETER@PSQUARE.CA

ENVELOPE:

BC BUILDING SCIENCE 611 BENT COURT, NEW WESTMINSTER, BC V3M 1V3 TEL: 604-520-6456 CONTACT: ARNOLD LIMANTONO E-MAIL: ARNOLD@BCBUILDINGSCIENCE.COM

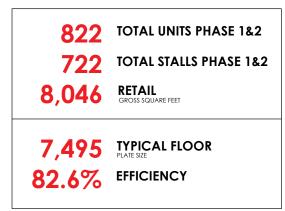


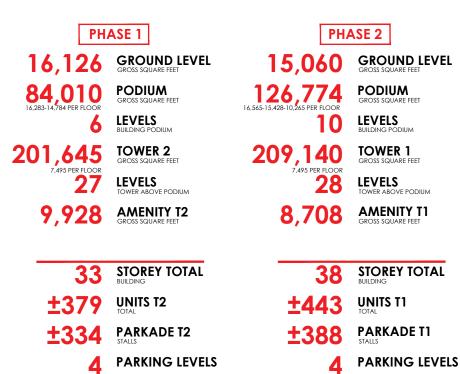






87,254 SITE SQUARE FEET 7.38 FAR ARTIO 644,097 GROSS AREA GROSS SALARE FEET





Whalley Blvd. & 10055-89 1														
	37A Street, Surrey BC													
oject:														
	fixed Use Tower & 10 Storey Resid esidential Tower & 6 Storey Reside													
	,													
gal Description:														
ning:														
Existing: Proposed:	RF CD (based on Surrey City Plan)													
торозва.	OD (Dased on Surrey City Fian)		Phase 1	Phase 1 Phase 2										
roposed Setbacks:		Dedication from	Setback from PL	Setba	ack from PL	E.	Building Height:							
		Street Centerline	Residential	Commercial	Residential		Max. Proposed Buildin	ig Height - Tower 1		128.25 m				
101 Avenue	*	0.0 m	4.5 m	3.0 m	4.5 m		Max. Proposed Buildin	g Height - Tower 2		114.25 m				
137A Street Green Lane		0.0 m 7.3 m (East)	4.5 m 4.5 m	- 3.0 m	- 4.5 m									
Whalley Boulevard		6.0 m (West)	4.5 M		4.5 m 4.5 m									
Phasing Line		5.9 m	- 0 m	3.0 m	0 m									
Gross Site Area	S:				8106 sq m		87,254 sq ft							
Dedication					0 sq m		0 sq ft							
Road Dedication Net Site Area					1109 sq m 6997 sq m		11,941 sq ft 75,313 sq ft							
FAR							7.38							
Total Allowable GFA					59839 sq m		644,097 sq ft							
oor Area Ratio (F.A.R.) C	alculation:													
	Residential FA	R Area	Commercial FAR Area	Proposed	d Total FAR Area	Gross F.A.R. (by Phase)	Net F.A.R. (by Phase)	Site Coverage Per Phase	Net Lot Area	Per Phase	Buildings and Structures			
(Phase 2)	31556.8 sq		747.5 sq m		304.3 sq m	(by Phase) 3.99	(by Phase) 9.22	49.9%	3504.2	sq m	1748.4 sq m			
(1 1100 2)	339,675 sq 27534.2 sq	ft	8,046 sq ft	347	7,721 sq ft 534.2 sq m				37,719 3492.6	sq ft	(18,820 sq ft) 1746.4 sq m			
(Phase 1)	27534.2 sq 296,376 sq			2/5	6,376 sq ft	3.40	7.88	50.0%	3492.0	sqft	(18,798 sq ft)			
Total	59091.0 sq		747.5 sq m		338.5 sq m	7.38	8,55	49.9%	6996.8		3494.8 sq m			
	636,051 sq	itt.	8,046 sq ft	644	4,097 sq ft				75,313	sqtt	(37,618 sq ft)			
Residential Statistics - Flo NOTE: All floor areas are "G loor area shall exclude vehic	ross Floor Area" as defined by the S cle parking and loading areas and bi	Surrey Zoning Bylaw: ali icycle storage areas wit	l the area of the floor enclosed by hin the building, stairways and m	/ the outside ed echanical room	lge of the exterior walls o s.	of a building, includin	ng without limitation stairv	vays, elevator shafts, stor	age rooms and	mechanical r	ooms. For the purpo	ose of Part 5 Off-Street Pa	rking and Loading/Ur	loading only, gross
IOTE: All floor areas are "G	ross Floor Area" as defined by the S le parking and loading areas and bi (PHASE 2)	icycle storage areas wit	hin the building, stairways and m	echanical room	s.								Total Gross Area	
OTE: All floor areas are "G	ross Floor Area" as defined by the 5 ke parking and loading areas and bi (PHASE 2) Level	Surrey Zoning Bylaw: all icycle storage areas with Number of Floors	i the area of the floor enclosed by hin the building, stairways and m Unit Area per Floor	echanical room	ige of the exterior walls o s. al Unit Area		Area per Floor 421.5 sq m	Total Common	Area 421.5 sq m		Amenity Area 230.1 sq m	Gross Area per Floor 651.6 sq m	Total Gross Area (all Floors) 651.6 sq m	FAR Exclusion 230.1 sq m
IOTE: All floor areas are "G por area shall exclude vehic L1	ross Floor Area" as defined by the 5 le parking and loading areas and bi (PHASE 2) Level (0 Unit)	icycle storage areas wit Number of Floors 1	hin the building, stairways and m Unit Area per Floor	echanical room	s. Il Unit Area		Area per Floor 421.5 sq m (4,537 sq ft)	Total Common	421.5 sq m (4,537 sq ft)		Amenity Area	Gross Area per Floor 651.6 sq m (7,014 sq ft)	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft)	FAR Exclusion
OTE: All floor areas are "G	ross Floor Area" as defined by the 5 ke parking and loading areas and bi (PHASE 2) Level	icycle storage areas wit	hin the building, stainways and m Unit Area per Floor 1281.8 sq m (13,797 sq tt)	echanical room	s. Il Unit Area 3945.3 sq m (41,391 sq ft)		Area per Floor 421.5 sq m (4,537 sq ft) 257.2 sq m (2,768 sq ft)	Total Common	n Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft)		Amenity Area 230.1 sq m	Gross Area per Floor 651.6 sq m (7,014 sq ft) 1538.9 sq m (16,565 sq ft)	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft) 461.6 sq g (49,695 sq ft)	FAR Exclusion 230.1 sq m
OTE: All floor areas are "G oor area shall exclude vehic L1	ross Floor Area" as defined by the 5 le parking and loading areas and bi (PHASE 2) Level (0 Unit)	icycle storage areas wit Number of Floors 1	hin the building, stainveys and m Unit Area per Floor 1281.8 sq m (13,797 sq ft) 11778 6 sq m	echanical room	s. 11 Unit Area 3845.3 sq m (41,391 sq ft) 3535.7 sq m		Area per Floor 421.5 sq m (4,537 sq ft) 257.2 sq m (2,768 sq ft) 254.7 sq m	Total Common	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m		Amenity Area 230.1 sq m	Gross Area per Floor 651.6 sq m (7,014 sq ft) 1538.9 sq m (16,565 sq ft) 1433.3 sq m	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft) 4616.8 sq m (49,695 sq ft) 4299.9 sq m	FAR Exclusion 230.1 sq m
OTE: All floor areas are "G foor area shall exclude vehic L1 L2-4 L5-7	ross Floor Area" as defined by the 5 le parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 I Unit) (19 Unit)	icycle storage areas with Number of Floors 1 3 3	1281 8 sq m (13,797 sq 8) (1286 8 sq m) (1286 8 sq ft) (1178 8 sq m (12,686 sq ft) 7.58.1 sq m	echanical room	s. Il Unit Area 3845.3 sq m (41,391 sq ft) 3535.7 sq m (33,058 sq ft) 2274.3 sq m		Area per Floor 421.5 sq m (4.537 sq ft) 257.2 sq m (2.742 sq ft) 254.7 sq m (2.742 sq ft) 1956 sq m	Total Commor	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m (8,226 sq ft) 586.7 sq m		Amenity Area 230.1 sq m	Gross Area per Floor 651.6 sq m (7,014 sq ft) 1538.9 sq m (16,565 sq ft) 14433.3 sq m (15,428 sq ft) 953.6 sq m	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft)) 4616.8 sq m (49,695 sq ft) 4299.9 sq m (46,284 sq ft)) 2860.9 sq m	FAR Exclusion 230.1 sq m
OTE: All floor areas are "G por area shall exclude vehic L1 L2-4 L5-7 L8-10	ross Floor Area" as defined by the the parking and loading areas and bin (PHASE 2) Level (0 Unit) (21 Unit) (19 Unit) (15 Unit)	icycle storage areas with Number of Floors 1 3 3 3	Unit Area per Floor 1281 8 sq m (13,797 sq ft) 1178 6 sq m (12,685 sq ft) 758.1 sq m (8,105 sq ft)	echanical room	s al Unit Area 3845.3 sqm (41,391 sq ft) 3535.7 sq m (38,058 sq ft) 2274.3 sq m (24,480 sq ft)		Area per Floor 421.5 sq m (4,537 sq ft) 257.2 sq m (2,768 sq ft) 254.7 sq m (2,742 sq ft) 195.6 sq ft) (2,105 sq ft)	Total Commor	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m (8,226 sq ft) 586.7 sq m (6,315 sq ft)		Amenity Area 230.1 sq m (2,477 sq ft)	Gross Area per Floor 651.6 sq m (7.014 sq ft) 1538.9 sq m (16,655 sq ft) 953.6 sq m (12,528 sq ft)	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft) 4616.8 sq m (49,695 sq ft) 4299.9 sq m (46,284 sq ft) 2860.9 sq m (30,795 sq ft)	FAR Exclusion 230.1 sq m (2,477 sq ft)
OTE: All floor areas are "G por area shall exclude vehic L1 L2-4 L5-7	ross Floor Area" as defined by the 5 le parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 I Unit) (19 Unit)	icycle storage areas with Number of Floors 1 3 3	Unit Area per Floor 1281 8 sqm (13,797 sq ft) 11786 8 sqm (12,686 sq ft) (12,686 sq ft) (12,686 sq ft) (13,797 sq ft) (13,797 sq ft) (13,68 sq ft) (13,68 sq ft) (16,160 sq ft)	echanical room	s al Unit Area 3845 3 sq m (41,391 sq ft) 3335 7 sq m (38,058 sq ft) 2274 3 sq m (24,480 sq ft) 495 7 sq m (5,338 sq ft)		Area per Floor 421.5 sq m (4.537 sq ft) 257.2 sq m (2.768 sq ft) 254.7 sq m (2.742 sq ft) 195.6 sq m (2.105 sq ft) 130.8 sq ft) (1.488 sq ft)	Total Common	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m (8,226 sq ft) 586.7 sq m (6,315 sq ft) 130.8 sq ft) (1,408 sq ft)		Amenity Area 230.1 sq m	Gross Area per Floor 6516 sq m (7.014 sq ft) 1538 sq m (16.565 sq ft) 1433.3 sq m (15.28 sq ft) 953.6 sq m (10.28 sq ft) 988.6 sq m (10.28 sq ft) 698.6 sq m (7.520 sq ft)	Total Gross Area (all Floors) 651.6 sq m 7(.014 sq ft) 4616.8 sq m (49,065 sq ft) 2890 9 sq m (46,224 sq ft) 2806 9 sq m (30,795 sq ft) 696.6 sq m (7,20 sq ft)	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft)
OTE: All floor areas are "G por area shall exclude vehic L1 L2-4 L5-7 L8-10	ross Floor Area" as defined by the the parking and loading areas and bin (PHASE 2) Level (0 Unit) (21 Unit) (19 Unit) (15 Unit)	icycle storage areas with Number of Floors 1 3 3 3	Unit Area per Floor 1281 8 sq m (13, 797 sq ft) 1178 6 sq m (12, 695 sq ft) (1786 sq m) (12, 695 sq ft) (12, 695 sq ft) (12, 695 sq ft) (13, 797 sq ft) (12, 695 sq ft) (12, 695 sq ft) (12, 695 sq ft) (13, 797 sq ft) (14, 695 rt) (15, 756, 15 qt) (5, 306 sq ft) 506, 15 qt) 506, 15 qt)	echanical room	s al Unit Area 3845.3 sq m (41,391 sq ft) 3335.7 sq m (38,058 sq ft) 2274.3 sq m (24,460 sq ft) 495.7 sq m (5,336 sq ft) 506.1 sq m		Area per Floor 421.5 sq m) (4.537 sq ft) 257.2 sq m (2.748 sq ft) 254.7 sq m (2.742 sq ft) 195.6 sq m (2.105 sq ft) 195.8 sq m (1.408 sq ft) 125.7 sq m	Total Common	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m (8,226 sq ft) 586.7 sq m (6,315 sq ft) 130.8 sq m (1,408 sq ft) 121.0 sq m		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m	Gross Area per Floor 651.6 sq m (7,014 sq ft) 1538.9 sq m (16,565 sq ft) 1433.3 sq m (15,428 sq ft) 953.6 sq m (10,225 sq ft) 693.6 sq m (7,520 sq ft) 627.1 sq m	Total Gross Area (all Floors) 6616 sq m (7,014 sq ft) 4616 8 sq m (40,085 sq ft) 2800 9 sq m (40,284 sq ft) 2800 9 sq m (30,755 sq ft) 698 6 sq m (7,520 sq ft) 627.1 sq m	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq m
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OTE: All floor amos are "G" or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38	Inters Fice A Ana" as defined by the 5 site parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (19 Unit) (9 Unit) (9 Unit) (10 Unit)	Number of Floors 1 3 3 3 1 1 1 2 6	Unit Area per Floor 1281 8 sq m (13,797 sq ft) 1178 6 sq m (12,695 sq ft) (13,697 sq ft) (12,695 sq ft) (12,695 sq ft) (13,695 sq ft) (13,695 sq ft) (12,695 sq ft) (12,695 sq ft) (12,695 sq ft) (13,695 sq ft) (14,695 rt) (15,006 rt) (15,035 sq ft) (5,348 sq ft) 575 3 sq m (5,753 sq m)	echanical room	s 30 Unit Area 30453 55 qm (41,391 5q U) 30555 75 qm (30,068 5q U) 2743 5q m (24,480 5q U) 4057 5 qm (6,336 5q U) 5001 5q m (6,448 5q U) 14055 15 qm (161,018 5q U) 285162 5q m		Area per Floor (4515 sq ft) 257 25 qt) 257 25 qt) 257 37 qt) 196 85 qt) 196 85 qt) 130.8 sq th (1.408 qt) (1.408 qt) (1.408 qt) (1.402 qt) (1.403 qt) (1.403 qt)	Total Common	Area 421.5 sq m (4,537 sq ft) 771.5 sq m (8,304 sq ft) 764.2 sq m (8,262 sq ft) 588.7 sq m (8,315 sq ft) 130.8 sq m (1,408 sq ft) 121.0 sq m (3,3852 sq ft) 5940.6 sq m		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft	Gross Area per Floor 651 6 sq m (7,014 sq fl) 1538 9 sq m (16,565 sq fl) 94 0 sq fl 1433 3 sq m (15,428 sq fl) 95 0 sq fl 10265 sq fl) 68 6 sq m (7,520 sq fl) 67,50 sq fl) 95 0 sq sq m (7,455 sq fl) 95 0 sq sq m (7,455 sq fl) 95 0 sq m (7,455 sq fl) 95 0 sq m (7,455 sq fl) (7,65 sq fl)	Total Gross Area (all Floors) 651 65 gn m (7,014 sq ft) 4616 88 gn m (49,065 sq ft) 4299 93 gn m (46,284 sq ft) 2800 93 gn m (7,520 sq ft) 621 5 sq m (6,750 sq ft) 18104 0.3 gn m (5,750 sq ft) 19104 (5,750 sq ft) 5006 83 gt) 5006 83 gt) 323056 88 gn m	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq ft) 0.0 sq ft) 506.8 sq m (5,455 sq ft) 809.0 sq ft)
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OTE: All floor amoas are "G oor aroa shall exclude vehic L1 L2:4 L5-7 L8:10 L11 L12 L13-38 L39 - Amenty	Ines Fico Anal as defined by the 5 be parking and loading areas and bi (PHASE 2) Level (0 Unit) (21 Unit) (15 Unit) (9 Unit) (9 Unit) (10 Unit) (10 Unit) (0 Unit)	Number of Floors 1 3 3 3 1 1 1 2 6 1 1 2 6 1 1 1 1 1 1 1 1 1 1 1	Linit Area per Floor 1281.8 sq m (13.797 sq ft) 11786 sq m (12.606 sq ft) 758.1 sq m (8.160 sq ft) 495.7 sq m (5.306 sq ft) 575.3 sq m (6.193 sq ft)	Tota Tota	s 30453 sq m (41,391 sq t), 30357 sq m (30,068 sq t), 22743 sq m (24,480 sq t), 40957 sq m (5,336 sq t), 50051 sq m (6,448 sq t), 140951 sq m (61,018 sq t), 140951 sq m (61,018 sq t), 140951 sq m (22616.2 sq m (276,731 sq t))	Common A	Area per Floor (4515 sq ft) 257 25 qt) 257 25 qt) 257 37 qt) 196 85 qt) 196 85 qt) 130.8 sq th (1.408 qt) (1.408 qt) (1.408 qt) (1.402 qt) (1.403 qt) (1.403 qt)	Total Common	Area 421.5 sq m (6.337 sq f) 771.5 sq (8.304 sq f) (8.28 sq f) 588.7 sq (8.28 sq f) 130.8 sq (1.408 sq f) 141.0 sq m (3.3852 sq ft) 5940.6 sq m (63.944 sq ft)		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft	Gross Area per Floor 6516 sq m (7,014 sq ff) 1538 sq m (16,665 sq ff) 1633 sq m (16,665 sq ff) 1643 sq m (15,428 sq ff) 953 6 sq m (10,265 sq ff) 686 sq m (7,520 sq ff) 697 6 sq m (6,750 sq ff) 697 8 sq m (7,445 sq ff) 506 8 sq m (7,445 sq ff) 506 8 sq m (7,645 sq ff) (76,492 sq ff)	Total Gross Area (all Floors) 6516 sq m (7,014 sq t) 4016 8 sq m (40,005 sq t) 1299 sq m (46,284 sq t) 2800 sq m (30,795 sq t) 980 6 sq m (7,500 sq t) 1804 0 sq m (6,750 sq t) 18104 0 sq m (5,455 sq t) 323058 sq m (348,383 sq ft) Total Area (all	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 809.0 sq m (8,708 sq ft)
DTE: All floor amos are "G" or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38 L39 - Amenty	ress Fico Area" as defined by the 5 cleb parking and loading areas and bi (PHASE 2) Level (0 Unt) (2 1 Unt) (1 9 Unt) (1 9 Unt) (9 Unt) (9 Unt) (0 Unt) (0 Unt) (0 Unt) (0 Unt)	Number of Floors 1 3 3 3 1 28 1 39	Unit Area per Floor (3,307 sq ft) (1281 8 sq m (13,797 sq ft) (1786 5 sq m (2,266 sq ft) (7581 5 sq m (8,160 sq ft) 495 7 sq m (5,366 sq ft) 575 3 sq m (6,193 sq ft) Unit Area per Floor 519 8 sq m	Tota Tota	s 39453 5q m (41,391 5q t) 30357 5q m (30,058 5q t) 274 3 5q m (24,480 5q t) 4957 5q m (24,480 5q t) 500,15q m (5,448 5q t) 14957 15q m (61,018 5q t) 14957 15q m (75,731 5q t) 255162 5q m (275,731 5q t) (275,731 5q t)	Common A	Area per Floor 421.5 sq m (4.537 sq f) (4.537 sq f) (2.768 sq f) (2.768 sq f) (2.745 sq f) (1.405 sq f) (1.408 sq f) (1.408 sq f) (1.408 sq f) (1.202 sq f) (1.302 sq f) (1.302 sq f) 4rea per Floor 543 sq m	Total Common	Area 421.5 sq.m (6.337 sq.ft) 771.5 sq.m (8.304 sq.ft) 764.2 sq.m (8.286 sq.ft) 130.8 sq.m (1.408 sq.ft) 121.0 sq.m (3.3852 sq.ft) 3145.0 sq.m (63.944 sq.ft) Area 5940.6 sq.m (63.944 sq.ft)		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft) 899.0 sq ft) 4menity Area 274.7 sq m	Gross Area per Floor 6516 sq m (7,014 sq ff) 1538 sq m (16,665 sq ff) 94 533 sq m (15,428 sq ff) 95 65 sq m (10,265 sq ff) 96 96 sq m (7,520 sq ff) 68 75 0 sq ff) 95 05 sq m (7,455 sq ff) 95 06 sq m (7,45 sq ff) 95 06 sq m (7,45 sq ff) (7,64 sq aper Floor 1342 8 sq m	Total Gross Area (all Floors) 6516 sq m (7,014 sq f) 47616 8 sq m (40,005 sq f) 14299 9 sq m (46,284 sq f) 2800 9 sq m (30,795 sq f) 1686 sq m (7,500 sq f) 18104 0 sq m (5,750 sq f) 506 8 sq m (5,455 sq f) 32365 8 sq m (348,383 sq ft) Total Area (all Floors) 13424 8 sq m	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (775 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m
DTE: All floor amos are "G or area shall exclude vehic L1 L2-4 L5-7 L8-10 L11 L12 L13-38 L39 - Amenity TOTAL L1	Ines Floor Anal [®] as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (15 Unit) (9 Unit) (16 Unit) (0 Unit) (0 Unit) (PHASE 1) Level (10 Unit)	Number of Floors 1 3 3 3 1 26 1 39 Number of Floors 1 26 1 39 Number of Floors 1	Unit Area per Floor Unit Area per Floor 1281.8 sq m (13.797 sq ft) 1178.6 sq m (12.686 sq ft) 758.1 sq m (5.366 sq ft) 506.1 sq m (5.448 sq ft) 575.3 sq m (6.193 sq ft) Unit Area per Floor	Tota Tota	s al Unit Area 3945.3 sq m (41.391.5 ql) 3035.5 r sq m (30.688 ql) 1274.3 sq m (24.480 sq l) 496.7 sq m (5.488 sq l) 1495.1 sq m (64.018 sq l) 1495.1 sq m (65.018 sq l) 1495.1 sq m (55.05 sq l) 1011 Area 518.8 q m (5.595 sq l)	Common A	Area per Floor 4215 sq m (4357 sq ft) 257 sq m (2,768 sq ft) 758 7 sq m (2,768 sq ft) 196 6 sq m (1,468 sq ft) 170 5 sq m (1,362 sq ft) 1210 sq m (1,362 sq ft) 259 7 sq m (1,362 sq ft) 250 7 sq m (1,362 sq ft) (1,362 sq ft) (1,3	Total Common	Area 421,5 sq m (4,537 sq t) 771,5 sq m (8,304 sq t) 764,2 sq m (8,315 sq t) 1308 sq m (1,408 sq t) 1316 sq m (1,308 sq m) (3,3852 sq t) 5940,6 sq m (6,3,944 sq tt)		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 200.8 sq m (5,455 sq ft) 809.0 sq m (8,706 sq ft) Amenity Area	Gross Area per Floor 651.6 sq m (7.014 sq tt) 1538 9 sq m (16,565 sq tt) 9433 3 sq m (15,428 sq tt) 9636 6 sq m (10,265 sq tt) 9636 6 sq m (12,255 sq tt) 9636 7 1 sq m (6,750 sq tt) 9708 8 sq m (7,455 sq tt) (7,465 sq tt) (7,465 sq tt) (7,465 sq tt) (7,465 sq tt) (74,455 sq tt)	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft) 4016 sq ft) 4016 sq ft) 4016 sq ft) 409.05 sq ft) 2000 sq ft) 2000 sq ft) 667.1 sq ft) 668 sq ft) 670 sq ft) 670 sq ft) 670 sq ft) 18164 o sq ft) 5008 sq ft) 32365 8 sq ft) 32365 8 sq ft) 70tal Area (all Floors) 1328 sq ft) 1328 sq ft	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq ft 0.0 sq ft 506.8 sq m (5,455 sq ft) 809.0 sq m (6,708 sq ft) FAR Exclusion
DTE: All floor amos are "G" or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38 L39 - Amenty	Incos Ficor Anos" as defined by the 5 site parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (15 Unit) (9 Unit) (9 Unit) (10 Unit) (0 Unit) (0 Unit) (0 Unit) (PHASE 1) Level	Number of Floors 1 1 3 3 3 1 1 1 2 6 1 3 9 Number of Floors Number of Floors Number of Floors	Unit Area per Floor (1281 8 sq m (13.797 sq ft) (1786 5 sq m (1278 sq m) (1266 sq ft) (1786 5 sq m) (1266 sq ft) (1266 s	Tota Tota	s al Unit Area 38453 sq m (41391 sq ft) 303557 sq m (30058 sq ft) 22743 sq m (24480 sq ft) 4967 sq m (6485 sq ft) 146651 sq m (275,731 sq ft) (275,731 sq ft) (518 sq ft) (519 sq	Common A	Area per Floor 421.5 sq m (4.537 sq ft) 27.768 sq ft) 27.478 sq m (2.748 sq ft) 19.66 sq m (1.468 sq ft) 19.00 sq m (1.302 sq ft) 42.05 sq m (1.302 sq ft) 42.05 sq m (5.902 sq ft)	Total Common	Area 421,5 sq m (4,537 sq t) 771,5 sq m (8,304 sq t) 764,2 sq m (8,326 sq t) 1308 sq m (1,408 sq t) 1308 sq m (1,308 sq m) (3,3852 sq t) 5940,6 sq m (6,3,844 sq t) (5,942 sq t)		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft) 899.0 sq ft) 4menity Area 274.7 sq m	Gross Area per Floor 651.6 sq m (7,014 sq tt) 1538 sq an (16,565 sq tt) 165.65 sq tt) 165.65 sq tt) 953.65 sq tt 10285 sq tt) 68.65 sq tt 69.75 sq tt 17.52 sq tt 69.75 sq tt 95.05 sq tt 95.06 sq tt 17.495 sq tt 95.07 sq tt 17.68 sq tt 17.68 sq tt 17.64 sq tt 17.64 sq tt 17.64 sq tt 17.64 sq tt 17.68 sq tt 17.64 sq tt 17.64 sq tt 17.65 sq tt 17.64 sq tt 17.65 sq tt	Total Gross Area (all Floors) 651.6 sq m (7,014 sq ft) 4616.8 sq m (49,085 sq ft) 479.9 sq m (46,284 sq ft) 2800 sq m (6,204 sq ft) 968 6 sq m (6,750 sq ft) 18104 0 sq m (6,750 sq ft) 506.8 sq m (5,455 sq ft) 32365.8 sq m (348,383 sq ft) Total Area (all Floors) 13124.8 sq m (14,454 sq ft) 519.6 sq m (14,454 sq ft)	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (775 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m
DTE: All floor amos are "G or area shall exclude vehic L1 L2-4 L5-7 L8-10 L11 L12 L13-38 L39 - Amenity TOTAL L1	Ines Floor Anal [®] as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (15 Unit) (9 Unit) (9 Unit) (10 Unit) (0 Unit) (PHASE 1) Level (10 Unit)	Number of Floors 1 3 3 3 1 26 1 39 Number of Floors 1 26 1 39 Number of Floors 1	Linit Area per Floor 1281 8 sq m (13.797 sq ft) 1178 6 sq m (12.868 sq ft) (12.868 sq ft) 1281 8 sq m (12.868 sq ft) 7758 1 sq m (8.160 sq ft) 495 7 sq m (5.306 sq ft) 506 1 sq m (6.193 sq ft) Unit Area per Floor 519 8 sq m (5.595 sq ft) (5.293	Tota Tota	s 30453 5q m (41,391 5q t) 3035 7 sq m (30,068 sq t) 2274 3 sq m (24,480 5q t) 4095 7 sq m (24,480 5q t) 4095 7 sq m (5,485 sq t) 4095 7 sq m (61,018 sq t) (161,018 sq t) (161,	Common A	Area per Floor 421.5 sq m (4.5.7 sq m) (4.5.7 sq m) (2.7.68 sq m) (2.7.68 sq m) (2.7.65 sq m) (2.16 sq n) (1.40 sq m) (1.40 sq m) (1.10 sq m) (1.30 sq m) (1.302 sq f) (5.902 sq f) (5.902 sq f) (5.902 sq f) 220.3 sq m (20.3 sq m)	Total Common	Area 421.5 sq m (4,537 sq t) 771.5 sq m (8,304 sq t) 774.5 sq m (8,304 sq t) 764.2 sq m (8,315 sq t) 130.8 sq m (1,408 sq t) 121.0 sq m (3,3852 sq t) 5940.6 sq m (6,3,944 sq t) Area 548.3 sq m (5,902 sq t) 600.8 sq m		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft) 899.0 sq ft) 4menity Area 274.7 sq m	Gross Area per Floor 6516 sq m (7,014 sq ff) 1538 sq m (16,665 sq ff) 91 533 sq m (15,428 sq ff) 9536 sq m (10,265 sq ff) 9636 sq m (7,520 sq ff) 687 sq m (7,520 sq ff) 687 sq m (7,520 sq ff) 697 sq m (7,520 sq ff) 697 sq m (7,520 sq ff) 500 sq sq m (7,520 sq ff) (7,645 sq ff) 500 sq m (7,645 sq ff) (14,454 sq ff) 519,6 sq m (5,533 sq ff) 519,6 sq m	Total Gross Area (all Floors) 6516 sq m (7,014 sq f) 47616 8 sq m (40,005 sq f) 14299 9 sq m (46,284 sq f) 2800 9 sq m (30,795 sq f) 1686 sq m (7,500 sq f) 18104 0 sq m (5,750 sq f) 18144 0 sq m (54,85 sq f) 32365 8 sq m (348,383 sq ft) 13124 2 sq m (14,454 sq f) 13124 2 sq m (550 sq f) 506 sq m (545 sq f) 132258 2 sq m (344,383 2 sq ft)	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (775 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m
DTE: All floor amos are 'G' or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38 L39 - Amenty TOTAL L1 TI Mazannine L2:4	Inese Ficon Anon" as defined by the 5 sele parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (15 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (0 Unit) (PHASE 1) Level (10 Unit) (2 Unit) (2 Unit)	Number of Floors 1 3 3 3 1 26 1 39 Number of Floors 1 3 3 3 1 26 1 39 Number of Floors 1 3	Unit Area per Floor (3, 797 sq ft) (1281 8 sq m (13, 797 sq ft) (1786 5 sq m (2, 666 sq ft) (758 1 sq m (8, 160 sq ft) 495 7 sq m (6, 193 sq ft) (6, 193 sq ft) (6, 193 sq ft) (6, 193 sq ft) (5, 505 sq ft) (5, 505 sq ft) (5, 505 sq ft) (13, 912 sq ft)	Tota Tota	s 3945.3 sq m (41.391 sq ft) 3035.7 sq m (30.068 sq ft) 2274.3 sq m (24.400 sq ft) 1495.7 sq m (5.336 sq ft) 5005.1 sq m (61.018 sq ft) 1495.1 sq m (75.731 sq ft) 22516.2 sq m (275,731 sq ft) 5016 sq m (5.555 sq ft) 505 sq ft] 505 sq ft] 5	Common A	Area per Floor 421.5 sq m (4.5.7 sq n) (4.5.7 sq n) (4.5.7 sq n) (2.7.68 sq n) (2.7.68 sq n) (2.7.68 sq n) (2.165 sq n) (1.408 sq n) (1.102 sq n) (1.302 sq n) (1.302 sq n) (5.902 sq n) (5.902 sq n) (5.902 sq n) (2.371 sq n) (2.371 sq n) (2.371 sq n) (2.37 sq n) (2.37 sq n) (2.37 sq n) (2.37 sq n) (2.37 sq n)	Total Common	Area 421.5 sq m (4,537 sq t) 771.5 sq m (8,304 sq t) 774.5 sq m (8,326 sq t) 5867 sq m (1,408 sq t) 121.0 sq m (3,3852 sq t) 5940.6 sq m (63,944 sq t) 5940.8 sq m (63,944 sq t) Area 5483 sq m (5,902 sq t) 000 8 sq m 416 6 sq m 416 8 sq m		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq ft) 899.0 sq ft) 4menity Area 274.7 sq m	Gross Area per Floor 651 6 sq m (7,014 sq fl) 1538 9 sq m (16,565 sq fl) 1433 3 sq m (15,428 sq fl) 963 6 sq m (10,265 sq fl) 687 750 sq fl) 670 5 sq fl) 067 750 sq fl) 07,455 sq fl) 07,65 sq fl) 07,65 sq fl) 07,65 sq fl) 76,65 sq fl) 77,65 sq fl) 510 6 sq m 1512 7 sq m 16,223 sq fl) 1512 7 sq m 16,223 sq fl) 1373 7 sp m	Total Gross Area (all Floors) 6516 sq m (7,014 sq f) 4016 8 sq m (40,005 sq f) 14016 8 sq m (46,284 sq f) 1200 9 sq m (30,795 sq f) 1300 705 sq f) 1686 6 sq m (7,500 sq f) 18104 0 sq m (6,750 sq f) 18104 0 sq m (5,455 sq f) 132458 sq m (348,383 sq ft) 132458 sq m (14,454 sq f) 132458 sq m (14,454 sq f) 132458 sq m (5,593 sq f) 132458 sq m (48,489 sq f) 144,454 sq f) 144,454 sq f) 144,454 sq f) 15106 sq m (6,894 sq f) 144,454 sq f) 144,454 sq f) 1519,65 sq m (48,489 sq f) 1247,05 q m	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (775 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 899.0 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m
DTE: All floor amous ure "G or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38 L39 - Amenity TOTAL L1 TH Mazannine	Ines Fico Anon" as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (1 5 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (PHASE 1) Level (1 0 Unit) (2 Unit) (2 Unit) (2 Unit) (2 Unit) (3 Unit) (3 Unit)	Number of Floors 1 3 3 3 3 1 26 1 39 Number of Floors 1 3 3 1 26 1 39 Number of Floors 1 3 2	Unit Area per Floor (13,797 sq.ft) (13,797 sq.ft) (13,797 sq.ft) (1786 sq.mt) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1297 sq.ft) (12	Tota Tota	s a) Unit Area 3945.3 sq m (41,391 sq t), 3055.7 sq m (30.68 sq t), 277.4 sq m (24.400 sq t), 506.1 sq m (6.448 sq t), 1495.1 sq m (161,018 sq t), 1495.1 sq m (275,731 sq t), 519.8 sq m (5,595 sq t), 519.8 sq m (5,595 sq t), 519.8 sq m (5,595 sq t), 519.8 sq m (377.4 sq m) (277.4 sq m), (276,731 sq t), (377.4 sq m) (377.4 sq m), (377.4 sq	Common A	Area per Floor 421.5 sq m (4.537 sq f) (4.537 sq f) (2.768 sq f) (2.768 sq f) (2.768 sq f) (1.96 sq f) (1.96 sq f) (1.96 sq f) (1.96 sq f) (1.90 sq f) (1.302 sq f) (1.302 sq f) (5.90 sq f) (2.03 sq m (5.90 sq f) (2.03 sq m (2.73 sq f) (2.23 sq f)	Total Common	Area 421.5 sq m (4.537 sq t) 771.5 sq m (8.304 sq t) 784.2 sq m (8.326 sq t) 1308 sq m (1.408 sq t) 1314 5 sq m (1.308 sq t) 1345 5 sq m (3.3852 sq t) 5940.6 sq m (6.3,944 sq t) 6,942 sq t) 6,942 sq t) 6,942 sq t) 6,942 sq t) 6,942 sq t) 6,944 sq t) 7,944 sq		Amenity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 809.0 sq m (8,708 sq ft) Amenity Area 274.7 sq m (2,957 sq ft)	Gross Ava per Floor 651.6 sq m (7,014 sq 0) 1538 sq m (16,665 sq 0) 163.65 sq 0) 193.56 sq m (10,265 sq 0) 694.65 sq 0) 695.65 sq 0) 697.52 sq 0) 697.52 sq 0) 697.52 sq 0) 697.52 sq 0) 698.53 sq 0) (7,642 sq 10) (76,452 sq 10) (76,452 sq 10) (76,452 sq 10) (1342 sq 10) 1512.7 sq m (162,453 sq 1) (173 5 sq 3) 1312.8 sq m (16,24 sq 10)	Total Gross Area (all Floors) 051.6 sq.m (7,014 sq.d) 4016.8 sq.m (49,005 sq.d) 4301.9 sq.m (46,284 sq.d) 2800.9 sq.m (30,795 sq.d) 0804.6 sq.m (7,500 sq.d) 071.5 sq.d) 18104.0 sq.m (5,750 sq.d) 18104.0 sq.m (5,455 sq.d) 32365.8 sq.m (348,383 sq.f) 1342.8 sq.m (14,454 sq.d) 519.6 sq.m (48,454 sq.d) 1918.5 sq.sq.m (48,454 sq.d) 519.6 sq.m (48,454 sq.d) 519.6 sq.m (48,454 sq.d) 519.6 sq.m (48,454 sq.d) 519.6 sq.m (5,455 sq.d) 519.6 sq.m (5,533 sq.d) 63.8 sq.m (22,585 sq.d)	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq m (0 sq ft) 0.0 sq m (5,455 sq ft) 89.9 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m (2,957 sq ft)
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DTE: All floor amos are 'G' or area shall exclude vehic L1 L2:4 L5:7 L8:10 L11 L12 L13:38 L39 - Amenty TOTAL L1 TI Mazannine L2:4	Ines Fico Anon" as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (1 5 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (PHASE 1) Level (1 0 Unit) (2 Unit) (2 Unit) (2 Unit) (2 Unit) (3 Unit) (3 Unit)	Number of Floors 1 3 3 3 3 1 26 1 39 Number of Floors 1 3 3 1 26 1 39 Number of Floors 1 3 2	Unit Area per Floor 1281 8 sq m (13.797 sq ft) 1178 6 sq m (12.868 sq ft) (12.868 sq ft) 758 1 sq m (8.160 sq ft) 495 7 sq m (6.193 sq ft) 519 8 sq m (6.193 sq ft) Unit Area per Floor 519 8 sq m (6.193 sq ft) (5.95 sq ft) (13.972 sq ft) 1152 2 sq ft) 1152 2 sq ft) (12.852 sq ft) (13.952 sq ft) (1	Tota Tota	s 3945.3 sq m (41.391 sq ft) 3035.7 sq m (30.068 sq ft) 274.3 sq m (24.400 sq ft) 197.4 sq m (6.336 sq ft) 500.1 sq m (6.448 sq ft) 10455.1 sq m (6.448 sq ft) 10455.1 sq m (75.731 sq ft) 25516.2 sq m (75.731 sq ft) 1016 sq m (5.555 sq ft) 5016 sq m (5.555 sq ft) 2016 sq m (5.555 sq ft) 2016 sq m (6.338 sq ft) 2016 sq m (6.338 sq ft) 2016 sq m (6.338 sq ft) 2016 sq m (6.338 sq ft) 2016 sq m (75.338 sq ft) (75.338	Common A	Area per Floor 421.5 sq m (4.5.7 sq n) (4.5.7 sq n) (2.7.68 sq n) (2.7.68 sq n) (2.7.65 sq n) (2.7.63 sq n) (2.16 sq n) (1.4.68 sq n) (1.1.62 sq n) (1.1.62 sq n) (1.1.202 sq n) (2.1.62 sq n) (2.3.7 sq n) (5.902 sq n) (2.3.7 sq n) (2.3.8 sq m) (2.2.3 sq m) (2.2.3 sq m) (2.3.8 sq m) (2.2.3 sq m) (2.3.8 sq m) (2.3.8 sq	Total Common	Area 4215 sq m (4537 sq t) 7715 sq m (8,304 sq t) 7715 sq m (8,304 sq t) 784 2 sq m (8,305 sq t) 1308 sq m (1,400 sq t) 1210 sq m (33,852 sq t) 5403 sq m (5,902 sq t) 6008 sq m (5,902 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,400 sq t) 1210 sq m (30,852 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,400 sq t) 1210 sq m (1,400 sq t) (1,400 sq t) 1210 sq m (1,400 sq t) 12		Amenity Area 230.1 sq m (2.477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5.455 sq ft) 899.0 sq (8,708 sq ft) Amenity Area 274.1 sq m (2.957 sq ft) 72.1 sq m	Gross Area per Floor 6516 sq m (7,014 sq fl) 1538 sq qm (16,565 sq fl) 94,525 sq fl (15,428 sq fl) 9536 sq m (10,265 sq fl) 9696 sq m (7,520 sq fl) 687 sq m (17,520 sq fl) 697 sq m (7,520 sq fl) 697 sq m (7,520 sq fl) 0505 sq m (7,455 sq fl) 07,65 sq fl) 07,65 sq fl) (7,645 sq fl) 76,65 sq fl) 516 sq m 516 sq m 550 sq fl) 516 sq m	Total Gross Area (all Floors) 6516 sq m (7)04 sq m (4)05 sq m (4)05 sq m (4)005 sq m (3)07 sq m (3)07 sq m (3)07 sq m (4)07 sq m (6)750 sq m (5)750 sq m (5)85 sq m (4)84 sq q (4)84 sq q (2)868 sq m (2)808 sq m (2)808 sq m<	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (775 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 506.8 sq m (6,455 sq ft) FAR Exclusion 274.7 sq m (2,957 sq ft) 72.1 sq m (775 sq ft) 72.1 sq m
DTE: All floor amos are "G or area shall exclude vehic L1 L2:4 L5:7 L8:10 L1 L1 L12 L13:38 L39 - Amenity TOTAL L1 TH Mazannine L2:4 L5:6 L7 L8	Ines Fico Area" as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Uni) (2 Unit) (10 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (0 Unit) (10 Unit) (10 Unit) (10 Unit) (10 Unit) (10 Unit) (2 Unit) (2 Unit) (10 Unit) (2 Unit) (9 Unit) (9 Unit) (9 Unit) (9 Unit) (9 Unit)	Number of Floors 1 3 3 3 3 3 1 28 1 39 Number of Floors 1 39 1 39 1 3 1 39 1 3 2 1 3 2 1 3 2 1 3 2 1 3 2 1 3 2 1 1 1	Unit Area per Floor (13,797 sq.ft) (13,797 sq.ft) (13,797 sq.ft) (1786 sq.mt) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1286 sq.ft) (1296 sq.ft) (12	Tota	s al Unit Area 3945.3 sq m (41,391 sq ft) 3055.7 sq m (30.68 sq ft) 277.4 sq m (24.400 sq ft) 495.7 sq m (6.448 sq ft) 14950 1 sq m (161,018 sq ft) (161,018 sq ft) 519.8 sq m (25,731 sq ft) 519.8 sq m (25,731 sq ft) 14957 sq m (25,731 sq ft) 519.8 sq m (5.595 sq ft) 519	Common A	Area per Floor 421.5 sq m (4.537 sq ft) 257.2 sq m (2.768 sq ft) 196.6 sq m (2.768 sq ft) 196.6 sq m (1.468 sq ft) 10.0 sq m (1.302 sq ft) 10.0 sq m (1.302 sq ft) 200.5 sq m (5.902 sq ft) 200.5 sq m (5.902 sq ft) 200.5 sq m (2.713 sq ft) 200.5 sq m (2.723 sq ft) 200.5 sq m (2.723 sq ft) 200.5 sq m (2.724 sq ft) 130.8 sq m (2.742 sq ft) (2.742 sq ft) (2.7	Total Common	Area 421.5 sq m (4.537 sq t) 771.5 sq m (8.304 sq t) 784.2 sq m (8.304 sq t) 1308 sq m (1.408 sq t) 1316 sq m (3.3852 sq t) 344.5 sq m (3.3852 sq t) 540.6 sq m (6.3,944 sq t) 540.8 sq m (1.408 sq t) 130.8 sq m (1.408 sq t) 130.8 sq m (1.408 sq t) 130.8 sq m (1.408 sq t) 121.0 sq m (1.408 sq t) 121.0 sq m		Amenity Area 230.1 sq m (2.477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5.455 sq ft) 899.0 sq (8,708 sq ft) Amenity Area 274.1 sq m (2.957 sq ft) 72.1 sq m	Gross Ava per Floor 651.6 sq m (7,014 sq 0) 1538 sq an (16,665 sq 0) 9433 sq m (15,428 sq 0) 9636 sq m (10,265 sq 0) 696 sq m (7,520 sq 0) 697 sq m (6,750 sq 0) 950 sq 0) (7,465 sq 0) (7,465 sq 0) (7,642 sq 10) (7,642 sq 10) (7,642 sq 10) (1342 sq 11) (1512 7 sq m (142 sq 3) (1512 7 sq m) (16,720 sq 0) (17,105 sq 1) (17,105 sq 1) (17,23 sq 10) (1512 7 sq m) (16,23 sq 10) (17,35 sq m) (17,35 sq m) (137,25 sq m) (137,25 sq m) (137,25 sq m) (14,74 sq 1) (14,74 sq 1) (14,75 sq 1) (14,75 sq 1)	Total Gross Area (all Floors) 051.6 sq.m (7,014 sq.t) 4016.8 sq.m (49,085 sq.t) 1439.9 sq.m (46,284 sq.t) 1280.9 sq.m (67,150 sq.t) 1810.4 cs.t 1910.4 cs.t 1910.5 cs.t	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (0 sq ft) 00 sq m (0 sq ft) 00 sq m (5,455 sq ft) 89.9 sq m (8,708 sq ft) FAR Exclusion 274.7 sq m (2,957 sq ft) 72.1 sq m (7,76 sq ft)
DTE-All floor amos are 'G' or area shall exclude vehic L1 L2-4 L5-7 L8-10 L11 L12 L13-38 L39 - Amenity TOTAL L1 TH Mazannine L2-4 L2-4 L5-6 L7	Inese Fico Area" as defined by the 5 sele parking and loading areas and bi (PHASE 2) Level (0 Unit) (2 Unit) (10 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (0 Unit) (10 Unit) (10 Unit) (10 Unit) (2 Unit) (2 Unit) (2 Unit) (2 Unit) (10 Unit) (9 Unit) (2 Unit) (10 Unit) (10 Unit) (2 Unit) (10 Unit) (10 Unit) (2 Unit) (10 Unit) (Number of Floors 1 3 3 3 1 26 1 39 Number of Floors 1 3 3 1 26 1 39 Number of Floors 1 3 2 1 3 2 1 3 2 1 3	Unit Area per Floor 1281.8 sq m (13.797 sq ft) 1178.6 sq m (12.806 sq ft) 778.1 sq m (12.806 sq ft) 778.1 sq m (12.806 sq ft) 778.1 sq m (6.193 sq ft) 576.3 sq m (6.193 sq ft) Unit Area per Floor 519.8 sq m (5.585 sq ft) (5.595 sq	Tota	s 3945.3 sq m (41.391 sq ft) 3035.7 sq m (30.068 sq ft) 274.3 sq m (24.400 sq ft) 197.4 sq m (6.336 sq ft) 500.1 sq m (6.448 sq ft) 10455.1 sq m (6.448 sq ft) 10455.1 sq m (75.731 sq ft) 25516.2 sq m (75.731 sq ft) 1016 sq m (5.555 sq ft) 5016 sq m (5.555 sq ft) 2016 sq m (5.555 sq ft) 2016 sq m (6.338 sq ft) 2016 sq m (75.338 sq ft) 2016 sq m (75	Common A	Area per Floor 421.5 sq m (4.37 sq f) (4.37 sq f) (2.768 sq f) (2.768 sq f) (2.768 sq f) (2.768 sq f) (1.90 sq f) (2.90 sq f) (5.90 sq f) (2.93 sq m (5.90 sq f) (2.93 sq m (2.92 sq f) (2.	Total Common	Area 4215 sq m (4537 sq t) 7715 sq m (8,304 sq t) 7715 sq m (8,304 sq t) 784 2 sq m (8,305 sq t) 1308 sq m (1,400 sq t) 1210 sq m (33,852 sq t) 5403 sq m (5,902 sq t) 6008 sq m (5,902 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,400 sq t) 1210 sq m (30,852 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,400 sq t) 1210 sq m (1,400 sq t) (1,400 sq t) 1210 sq m (1,400 sq t) 12		Amerity Area 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5,455 sq ft) 609.0 sq m (6,708 sq ft) Amerity Area 274.7 sq m (2,957 sq ft) 72.1 sq m (776 sq ft)	Gross Area per Floor 651.6 sq m (7,014 sq 0) 153.8 sq m (16,565 sq 0) 163.6 sq m (15,428 sq 0) 90.6 sq m (10,265 sq 0) 60.7 sq m (10,265 sq 0) 60.7 sq m (10,265 sq 0) 60.7 sq m (10,265 sq 0) 67.50 sq 0) 67.50 sq 0) (7,405 sq 0) (7,405 sq 0) (7,6492 sq 10) (7,716 sq 10) (7,716 sq 10) (7,716 sq 10) (7,716 sq 10) (7,763 sq 10) (7,716 sq 10) (7,716 sq 10) (7,716 sq 10) (7,716 sq 10) (7,715 sq 10) (7,715 sq 10) (7,715 sq 10) (7,720 sq 10) (7,720 sq 10) (7,720 sq 10) (7,720 sq 10)	Total Gross Area (all Floors) 051.6 sq.m 051.6 sq.m 07.014 sq.01 4016.8 sq.m 4490.9 sq.m 449.9 sq.m 449.9 sq.m 100.7 sd.sq.m 60.7 sd.sq.m 70.4 sq.m 60.7 sd.sq.m 60.7 sd.sq.m 70.7 sd.s	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (0 sq ft) 00 sq m (0 sq ft) 506 8 sq m (5,455 sq ft) 809.0 sq m (2,475 sq ft) 72.1 sq m (2,957 sq ft) 72.1 sq m (2,957 sq ft) 0.0 sq m (0 sq ft) 0.0 sq m
DTE-All floor amous ure "G oror area shall exclude vehice L1 L2-4 L5-7 L8-10 L1 L1 L12 L13-38 L39 - Amenity TOTAL L1 TH Mazannine L2-4 L5-6 L7 L8	Ines Fico Area" as defined by the 5 sep parking and loading areas and bi (PHASE 2) Level (0 Uni) (2 Unit) (10 Unit) (9 Unit) (9 Unit) (9 Unit) (0 Unit) (0 Unit) (0 Unit) (10 Unit) (10 Unit) (10 Unit) (10 Unit) (10 Unit) (2 Unit) (2 Unit) (10 Unit) (2 Unit) (9 Unit) (9 Unit) (9 Unit) (9 Unit) (9 Unit)	Number of Floors 1 3 3 3 3 3 1 28 1 39 Number of Floors 1 39 1 39 1 3 1 39 1 3 2 1 3 2 1 3 2 1 3 2 1 3 2 1 3 2 1 1 1	Unit Area per Floor 1281 8 sq m (13,797 sq ft) 1786 5 sq m (2,266 sq ft) (3,3797 sq ft) 1786 5 sq m (2,266 sq ft) 758 1 sq m (3,109 sq ft) 4957 5 sq m (5,109 sq ft) 506 1 sq m (6,193 sq ft) (6,193 sq ft) (6,193 sq ft) (5,505 sq ft) (5,505 sq ft) (5,505 sq ft) (13,912 sq ft) 1152 2 sq ft) 1152 2 sq ft) 1152 2 sq ft) 1152 2 sq ft) 1598 5 sq ft (3,3912 sq ft) 1152 2 sq ft) 1152 2 sq ft) 1598 5 sq ft (5,505 sq ft) (3,5912 sq ft) 1152 2 sq f	Tota	s 30453 5q m (41,391 5q th) 30357 5q m (30,068 5q th) 2274 3 5q m (24,480 5q th) 104957 5q m (24,480 5q th) 5001 5q m (5,485 5q th) 5001 5q m (61,018 5q th) (61,018 5q th) (7,595 5q th) (61,018 5q th) (7,595 5q th) (61,018 5q th) (7,595 5q th) (61,018 5q th) (61,018 5q th) (7,595 5q th) (61,018 5q th) (7,595 5q th) (61,018 5q th) (7,595 5q	Common A	Area per Floor 421.5 sq m (4.5.7 sq n) (4.5.7 sq n) (2.7.68 sq n) (2.7.68 sq n) (2.7.65 sq n) (2.7.65 sq n) (1.4.68 sq n) (1.4.68 sq n) (1.4.68 sq n) (1.3.02 sq n) (1.3.02 sq n) (5.902 sq n) (5.902 sq n) (2.3.3 sq m) (2.2.3 sq m) (2.2.3 sq m) (2.2.3 sq m) (1.4.88 sq m) (1.4.92 sq n) (1.4.92 sq n) (1.4.93 sq m) (2.2.3 sq m) (2.2.3 sq m) (1.4.88 sq m) (1.4.93 sq m) (1.4.93 sq m) (1.4.93 sq m) (1.4.94 sq m) <t< td=""><td>Total Common</td><td>Area 4215 sq m (4,537 sq t) 771 5 sq m (8,304 sq t) 771 5 sq m (8,304 sq t) 716 2 sq m (8,305 sq t) 1308 sq m (1,400 sq t) 121 0 sq m (3,3852 sq t) 5940.6 sq m (6,3,944 sq t) Area 5443 sq m (5,902 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,308 sq m (1,308 sq m) 1308 sq m (3,3852 sq t) 1318 sq m (3,3852 sq t) 1345 0 sq m (3,392 0 sq t)</td><td></td><td>Amenity Area 230.1 sq m (2.477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5.455 sq ft) 899.0 sq (8,708 sq ft) Amenity Area 274.1 sq m (2.957 sq ft) 72.1 sq m</td><td>Gross Area per Floor 6516 sq m (7,014 sq ff) 1538 sq m (16,665 sq ff) 943 sq m (15,428 sq ff) 9536 sq m (10,265 sq ff) 969 sq m (17,520 sq ff) 687 sq m (17,520 sq ff) 687 sq m (17,520 sq ff) 697 sq m (17,520 sq ff) 0508 sq m (7,50 sq ff) (76,492 sq ff) (14,454 sq ff) 510 sq ff) 550 sq ff) 519 sq m (14,744 sq ff) (14,744 sq ff) (14,744 sq ff) (14,741 sq ff) (14,751 sq m) (16,283 sq ff) (17,520 sq ff) (14,754 sq ff)</td><td>Total Gross Area (all Floors) 6516 sq m (7)04 sq m (4)05 sq m (4)05 sq m (4)005 sq m (3)07 sq m (3)07 sq m (3)07 sq m (4)005 sq m (3)07 sq m (6)01 sq m (3)07 sq m (6)750 sq m (5)05 sq m (2)05 sq m</td><td>FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 506.8 sq m (6,455 sq ft) FAR Exclusion 274.7 sq m (2,957 sq ft) 72.1 sq m (776 sq ft) 72.1 sq m</td></t<>	Total Common	Area 4215 sq m (4,537 sq t) 771 5 sq m (8,304 sq t) 771 5 sq m (8,304 sq t) 716 2 sq m (8,305 sq t) 1308 sq m (1,400 sq t) 121 0 sq m (3,3852 sq t) 5940.6 sq m (6,3,944 sq t) Area 5443 sq m (5,902 sq t) 6008 sq m (4,484 sq t) 1308 sq m (1,308 sq m (1,308 sq m) 1308 sq m (3,3852 sq t) 1318 sq m (3,3852 sq t) 1345 0 sq m (3,392 0 sq t)		Amenity Area 230.1 sq m (2.477 sq ft) 72.1 sq m (776 sq ft) 506.8 sq m (5.455 sq ft) 899.0 sq (8,708 sq ft) Amenity Area 274.1 sq m (2.957 sq ft) 72.1 sq m	Gross Area per Floor 6516 sq m (7,014 sq ff) 1538 sq m (16,665 sq ff) 943 sq m (15,428 sq ff) 9536 sq m (10,265 sq ff) 969 sq m (17,520 sq ff) 687 sq m (17,520 sq ff) 687 sq m (17,520 sq ff) 697 sq m (17,520 sq ff) 0508 sq m (7,50 sq ff) (76,492 sq ff) (14,454 sq ff) 510 sq ff) 550 sq ff) 519 sq m (14,744 sq ff) (14,744 sq ff) (14,744 sq ff) (14,741 sq ff) (14,751 sq m) (16,283 sq ff) (17,520 sq ff) (14,754 sq ff)	Total Gross Area (all Floors) 6516 sq m (7)04 sq m (4)05 sq m (4)05 sq m (4)005 sq m (3)07 sq m (3)07 sq m (3)07 sq m (4)005 sq m (3)07 sq m (6)01 sq m (3)07 sq m (6)750 sq m (5)05 sq m (2)05 sq m	FAR Exclusion 230.1 sq m (2,477 sq ft) 72.1 sq m (776 sq ft) 0.0 sq m (0 sq ft) 506.8 sq m (5,455 sq ft) 506.8 sq m (6,455 sq ft) FAR Exclusion 274.7 sq m (2,957 sq ft) 72.1 sq m (776 sq ft) 72.1 sq m





CHRIS DIKEAKOS
ARCHITECTS INC.



Phase 2 - Residential Floor Area 32365.8 sq m 348,383 sq ft -8,708 sq ft 339,675 sq ft Deduct Amenity Space -809.0 sq m Tower 1 - Net Residential Floor Area 31556.8 sa m 28387.8 sq m 305.564 sq ft Phase 1 - Residential Floor Area -853.6 sq m Deduct Amenity Space -9,188 sq ft Tower 2 - Net Residential Floor Area 27534.2 sq m 296,376 sq ft Total Residential Floor Area 60753.6 sq m 653,947 sq ft Deduct Amenity Space Net Residential Floor Area -1662.6 sq m -17,896 sa ft 59091.0 sq m 636,051 sq ft J. Commercial Statistics - Areas (PHASE 2) Level Commercial / Retail Community Amenity Large Retail Restaurant Service / Circulation Total 747.5 sq m 747.5 sq m 0.0 sq m 0.0 sq n L1 8,046 sq ft 0 sq ft 0 sq t 8,046 sq ft 747.5 sq m 0.0 sq m 0 sq ft 0.0 sq m 0 sq ft 0.0 sq m 0.0 sq m 0 sq f 747.5 sq m Total 8,046 sq ft 8,046 sq ft 0 sq ft Residential Statistics - Unit Counts к. (PHASE 2) TH Level Studio 1Bed 1Bed+Den 2Bed (Junior) 2Bed 2Bed+Den 3Bed Total (per Floor) Total (all Floors) # of Floors (459-460 sq ft) (443-514 sq ft) (504-588 sq ft) (625-761 sq ft) (625-815 sq fi (761-976 sq ft) (n/a) (n/a) 0 L2-4 L5-7 L8-10 63 19 45 L11 9 1 12 4 9 L13-38 26 4 10 260 L39 - Amenity 0 Total (all Floors 10 138 59 45 155 24 0 443 39 35.0% 2.7% 31.2% 10.2% 5.4% Distribution 2.3% 13.3% 0.0% 100.0% 40.4% 2.3% NOTE: 5% Adaptable units 22 (PHASE 1) 2Bed 3Bed Level Studio 1Red 1Bed+Den 2Bed (Junior) 2Bed+Den TH Total (per Floor) Total (all Floors) # of Floors (443-514 sq ft) (511-588 sa ft) (681-862 sa ft (769-979 sa ft) (517-666 sa ft) (459-460 sa ft) (673 sq ft) (n/a)TH Mezzanine L2-4 L5-6 10 18 1.9-33 25 4 250 L34 - Amenity Total (all Floors) 35 124 54 26 134 20 10 379 0 Distribution 1.6% 32.7% 14.2% 6.9% 35.4% 5.3% 1.3% 2.6% 100.0% 40.6% 1.6% 53.89 4.0% NOTE: 5% Adaptable units 19 Tower 1 & 2 3.3% TOTAL Building 1 & Building 2 923 Amenity INDOOR: 3.0 sq. m [32 sq.ft.] per dwelling unit up to 557 sq. m [6000 sq.ft.] of amenity space (equivalent to 186 dwelling units); and 1.0 sq.m [10.76 sq.ft.] per dwelling unit for that portion greater than 557 sq. m [6000 sq.ft.] of amenity space OUTDOOR: 3.0 Sq. m [32 sq.ft.] per dwelling unit and shall not be located within the required setbacks; Outdoor Amenity Amenity (Indoor) Amenity (Outdoor) Total Required Indoor Total Required Total Provided otal Provided Indoo Required Required Indoor Amenity per Unit Number of Units Provide d Indoor Amenity Tower 1 Tower 2 Amenity Amenity Outdoor Amenity Outdoor Amenity Outdoor Amenity Level 1 Level 11 Level 12 Level 39 L1 L2-4 (7,980 sq ft) (9,001 sq L1 (Phase 2) 443 3.0 sq r 814.4 sq m 230.1 sq m (2,477 sq ft) 0.0 sq 506.8 sq 809.0 sq 3.0 sq i 1317.0 sq 1824.1 sq L2-4 (3,122 sq ft (32 sq ft) (776 sq 1 (19,634 sq f (8.766 sq ft) (0 sq ft) (5.455 sq ft (8,708 sq (32 sq ft) (14,176 sq ft) 15-7 (1.228 sq LS (2.449 sq ft Level 1 Level 7 Level 8 Level 34 (7,578 sq L8-10 L7 1962.9 sq (Phase 1) 3.0 sa m 750.4 sq m 853.6 sq 3.0 sa m 1126.7 sq m 274.7 sq 0.0 sq r 506.8 sq r L11 (4.549 sg 72.1 s 379 (32 sq ft) (8,077 sq ft) (2,957 sq ft) (776 sq (0 sq ft) (5,455 sq ft (12,128 sq ft) (32 sq ft) TOTAL (21,129 sq ft TOTAL (19.634 sa

1662.6 sq r

(17,896 sq ft

PROJECT DATA

TOTAL

822

1564.8 sq m

(16,844 sq ft)

3787.0 sq m

(40,763 sq f

2443.7 sq m

(26.304 sq ft)



CHRIS DIKEAKOS
ARCHITECTS INC.

Parking Statistics						ng space calculations								
	/ 1: < 372 square metres [4,000 sq.) parking space for every 100 squa											q.ft.] of gross floor area; F	Restaurant in	
	und-Oriented Multiple Unit Resid			-				are metres [10,223 sq.1	L] 2.4 stails/100sin (includes 20/	a reduction to base rate to	ratycentre			
	of required parking spaces is gre								(and the second second second second					
where the number	or required parking spaces is gre	ater than 12, a minimum of 2	2% of the required	i parking spaces,	must be accessib	ore parking spaces; when	e accessible parking spac	es are required, 50% or	accessible parking spaces must	be provided as van-access	bie parking spaces;			
** Visitor Shared: 2/3	of Parking spaces shared with off	ice parking due to alternate I	hours of use.											
** TDM Reduction: Ma	aximum 20% is allowed in city cer	ter												
	ERIM (PHASE 1)													
INT	ERIM (FRASE 1)										Available	Parking stalls on each	phase	
		Ratio	P	auired / Allow	able	Required after TDM Reduction**	Total Provided	Provided within Total		F	(Phase 2) (Phase 1)		TOTAL	
-			Gross	H/C	Small		Gross	H/C Small		P1	(Phase 2) 77	(Filase I) 81	158	
Phase 1	Residential	0.00 -1-11 /11	341	7		296	296	6	0	P1 P2	96	94	158	
	Visitor*	0.90 stall / unit 0.1 stall / unit	341	0	119	296	296	0	13	P2 P3	96	94	190	
1	Total Parking Stalls	o. i stali/ unit	379	7	133	334	334	6	13	P3	84	96	194	
-										TOTAL	355	367	722	
												e Bike stalls on each p		
ULTIN	MATE (PHASE 1&2)										(Phase 2)	(Phase 1)	TOTAL	
		Ratio	_	quired / Allow			Total Provided	Provident	within Total	P1	30 150	18 154	48	
-		Rauo	Gross	H/C	Small	Required after TDM Reduction**	Gross	H/C	Small	P2 P3	150	154	304	
-	Retail	2.4 stalls / 100 m2	18	0.4	6	15	15	n/C	0	P4	171	154	325	
-	Commercial Subtotal	2.4 310137 100112	18	0.4	6	15	15	1	0	P5	0	0	0	
Phase 2	Residential	0.90 stall / unit	399	8	140	321	321	6	0	TOTAL	522	480	1002	
	Visitor*	0.1 stall / unit	44	0	16	44	44	0	0					
	On-Site Car Share Vehicles	;	0	0	0	8	8	0	0					
	Residential Subtotal Total Parking Stalls		443	8	155	373	373	6	0					
	Total Parking Stalls		401	8	101	388		for this tower will b	e in Phase 1 parking					
			3-stall reduction	n supported by	shared parking a	assessment between re	esidential visitor and reta		o in this of parking					
						ase rate for City Centre								
		Ratio	_						within Total					
-		Ratio	Gross	quired / Allow H/C	able Small	Required after TDM Reduction**	Total Provided Gross	H/C	Small					
Phase 1	Residential	0.90 stall / unit	341	7	119	296	296	6	0					
	Visitor*	0.1 stall / unit	38	0	13	38	38	0	13					
	Total Parking Stalls		379	7	133	334	334	6	13					
Total			840			722	722	Total at-U-	for both phases					
rotal			040			122	122	i otai stalis i	for bout phases					
	ne transitional provisions set out						internation and an							
(a) Must construct an	nd install an energized electrical	outlet for 100% of residenti	a parking space	s, ou% of visito	parking spaces	, and ∠0% of commerc	a parking spaces.							
Required Bike Stor	age	0.1 visitor bicycle spa	ices per 100 sq.	m of G.F.A. wh	ere the G.F.A. is	>= 4,645 sq. m		(1.2 Sta	alls per unit, 6 visitor bicycle sp	aces)				
		Retail			Restaurar	nt		Res. Vistor		Residential		Total Required		
Total		0			0			12		986		998		
Provied Bike Stora	ge	Retail			Restaurar			Res. Vistor		Residential	I	Total Provided		

T



DESIGN RATIONALE

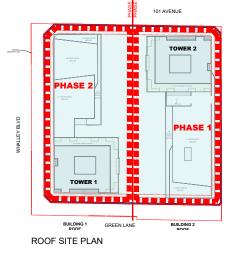
SITE DESCRIPTION

- The site is located between Walley Boulevard to the west, 101 Avenue to the north, a newly created green lane to the south and 137A Street to the east, with frontage on all four sides, covering an area of approximately 87,250 square feet. Several community facilities exist in the adjacent neighborhood, including Holland Park, Green Timbers Urban Forest Park, and Hawthorne Rotary Park. The site is within a few minutes' walking distance of large-format grocery stores, food outlets, and medical services at Central City Shopping Mall.
- Additionally, the site offers multiple public transit options along King George Boulevard, including the King George Skytrain Station, and a major bike route runs adjacent to the site on Whalley Boulevard.

SITE ORGANIZATION

- The project calls for an anticipated 2-phased mixed-use multifamily residential development with two towers and a component of commercial retail units principally along Whalley Blvd. Tower 1 (Phase 2) is at 38 storeys and is situated at the corner of Whalley boulevard and the future green lane with commercial retail space at ground level. Tower 2 (Phase 1) will be 33 storeys and is located at the corner of 101 Avenue and 137A street.
- The towers have also been positioned on site to maximize view corridors from each tower with offsetting positions and the podium forms all have landscaped roof treatments providing an elevated area of open space amenity for the residents of each tower.
- A significant courtyard stretches from North to South between the building forms and provides ground level connections between the two phases. This design offers opportunities for residents to have green open space within their own development. The plaza/open space will extend towards the proposed project to the North, creating a welcoming open area and enhancing the site's inviting atmosphere. This visual and physical connection further elevates the walkability aspect of this area of Surrey City Central. The North-South courtyard axis will be lined with amenities spaces, providing both visual appeal, and gathering spots for the residents.







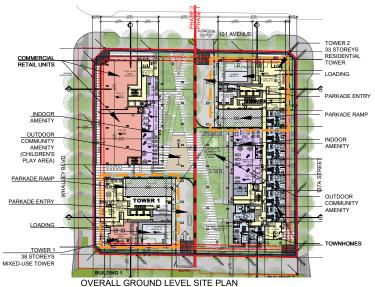
VIEW THROUGH THE PODIUM PLAZA

DESIGN RATIONALE - SITE & FLOOR ORGANIZATION SUBMISSION TO COUNCIL JANUARY 29, 2024



FLOOR PLAN ORGANIZATION & FEATURES

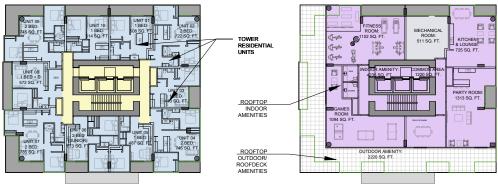
- The primary lobby access to the first residential tower is located at the corner of Whalley Blvd and the future green lane. Adjacent to the lobby on the southern side is a retail space reserved for CRU or a possible café.
- Ground-oriented indoor amenities are positioned back-to-back with the CRUs, facing the courtyard. This layout creates a seamless indoor/outdoor connection. The courtyard includes a kids' play area, seating area, and landscaped area.
- The main lobby for the second residential tower is situated at the corner of 101 Avenue and 137A Street. Adjacent to the lobby on the south side, there are seven two-story townhouses that face along 137A Street and extend to the secondary residential access located at the southeast corner. Additionally, there are four townhomes wrapping around the southwest corner of the building.
- This design animates the lane and treats it more like a street, providing 'eyes on the street.' Access to each townhouse at grade is available via the sidewalk through patios as well as through the primary and secondary lobbies, allowing residents to go directly from the below-grade parkade to their units without having to go outside.
- On the west side of building and facing the courtyard, there are ground oriented indoor amenities.
- Loading bays, garbage staging areas, and the ramp to access below-grade parking levels for Tower 1 is accessible from the Green Lane and for Tower 2 from 101 Avenue
- Terraced podium levels in both towers create opportunities for rooftop outdoor amenities and private patios, offering commanding views of the surrounding Surrey City Central neighborhood, as well as panoramic views of Downtown Vancouver, Mt. Baker, and the North Shore mountains.







TOWER 2 TOWNHOMES AND COURTYARD AT GRADE



10054-88 WHALLEY BLVD. & 10055-89 137A ST. SURREY, BC MIXED-USE DEVELOPMENT

TOWER TYPICAL FLOOR PLAN

TOWER AMENITY FLOOR PLAN



DESIGN RATIONALE - SITE & FLOOR ORGANIZATION SUBMISSION TO COUNCIL JANUARY 29, 2024



BUILDING ORGANIZATION/MASSING

- Tower 1 is connected to a 10-storey podium that gradually steps down every 3 floors, and is thoughtfully sculpted, featuring articulated angled balconies facing north.
- Tower 2 is anchored by a 6-story podium with stepped articulation at the 5th floor.
- The angled podium steps opens up view corridors from the towers of each of the adjacent phases.
- The podium roof decks on the 11th floor of Tower 1 and 7th floor of Tower 2 will feature a green rooftop accessible to residential units. This outdoor amenity offers a spacious gathering area situated adjacent to the indoor social amenity space. Its southern orientation optimizes sunlight exposure throughout the day, creating an ideal setting for social gatherings and resident relaxation. We have varied the height between the two podiums to create more variety and a more dynamic look in the building forms as per our discussions with the Surrey Planning Department.



PODIUM OUTDOOR AMENITY SPACES





MASSING & BUILDING ORGANIZATION

DESIGN RATIONALE - SITE & FLOOR ORGANIZATION SUBMISSION TO COUNCIL JANUARY 29, 2024





ARCHITECTURAL EXPRESSION/ FORM & CHARACTER

- The design of the buildings incorporates horizontal bands that seamlessly integrates with the window system and balcony guardrails, resulting in a simple and elegant expression. This design language includes clearly articulated podiums and tower forms, allowing the buildings to talk to each other while retaining their distinctive characteristics.
- The orderly arrangement of horizontal lines creates a visually pleasing effect that not only gives an elegant and dynamic visual impact, but also contributes significantly to the city's skyline.
- The podium levels feature angled facades that face North and South, and they are stepped to add visual interest to the form and reduce its visual mass, creating corridor views for the units and allowing more sunlight to reach the courtyard area.
- On the western façade of Tower 1 and the eastern façade of Tower 2, two structural elements extend vertically from the ground to the top of tower. These architectural "spines" contribute to the building's structural integrity and introduce a unifying and visually captivating element, featuring prefinished metal panel in terracotta color that ties the entire structure together.
- To conceal mechanical equipment on the tower tops and service areas on the ground floor of each tower, perforated metal panels have been introduced, which gradually taper toward the corners, echoing the tapered roof decks on the podium levels.









SHENZHEN METRO CHANGZHEN DEPOT COMPLEX by BLVD INTERNATIONAL

PINNACLE ONE YONGE by HARIRI PONTARINI ARCHITECTS

SCARBOROUGH TWIN TOWERS by HILLAM ARCHITECTS

PRECEDENT IMAGES SUBMISSION TO COUNCIL JANUARY 29, 2024



ARCHITECTS INC.

TOWER 1 LEVEL 11 FLOOR INDOOR/OUTDOOR AMENITIES







PRECEDENT IMAGES - AMENITIES SUBMISSION TO COUNCIL JANUARY 29, 2024



TOWER 2 LEVEL 7 FLOOR INDOOR/OUTDOOR AMENITIES









TOWER 1 LEVEL 39 FLOOR INDOOR AMENITIES







PRECEDENT IMAGES - AMENITIES SUBMISSION TO COUNCIL JANUARY 29, 2024



TOWER 2 LEVEL 34 FLOOR INDOOR AMENITIES







NTS A017



TOWER 1 & 2 LEVEL 1 FLOOR INDOOR/OUTDOOR AMENITIES



















PRECEDENT IMAGES - AMENITIES
SUBMISSION TO COUNCIL JANUARY 29, 2024



CHRIS DIKEAKOS ARCHITECTS INC



The Tangerine Project is 400 meters walking distance to the King George Skytrain Station. Additionally it is well serviced by major bus lines which run along King George Blvd.

PUBLIC TRANSIT



A major bike route runs adjacent to the site on Whalley Boulevard. Additionally, provisions for dedicated bike parking will be located throughout the project.

ALTERNATIVE TRANSPORTATION



The project is within walking distance of community facilities including green spaces, grocery stores, food outlets and medical services. Enhanced sidewalk widths and landscaping along Whalley Boulevard and the Plaza will encourage pedestrian activity for residents.

WALKABILITY



The buildings in the Tangerine project are designed to maximize natural daylighting and solar efficiency. The design specifies efficient systems such as Energy Star appliances, Intelligent lighting systems and LED lighting throughout. The project will be designed to Step Code 2 Standards.





The Tangerine project utilizes a pre-developed site and increases the densification of this existing very low-density site. The project is close to transit systems, as well as outdoor green spaces. The result is an eco-efficient urban lifestyle which brings diversity, energy and renewed vitality to this neighborhood.



Construction of the Tangerine Residence Development emphasizes the use of materials that are certified to be



from renewable sources and are manufactured or assembled locally to save on transportation energy and emissions. The design also specifies the use of healthy materials, adhesives, sealants, paints and coatings to minimize the emission of harmful chemicals; all of which reduces our impact on outside ecosystems while helping create the healthiest indoor environment for homeowners and office workers.



Traditionally, rooftops have been wasted areas of the urban landscape. By contrast, the multiple terraced roof areas of the Tangerine Residence Development are designed to incorporate living spaces, landscape and technology to create a positive environmental effect. Where possible, areas will be dedicated to 'green roof', ROOF DESIGN reducing waste heat generation and creating beneficial urban eco-habitats.

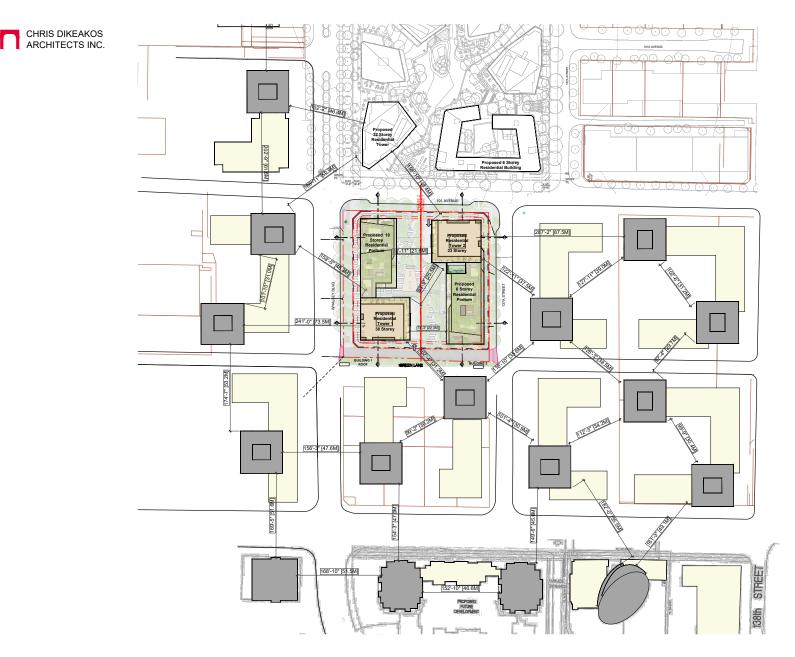


Stormwater collection system is being designed which will filter runoff and reduce pressure on the public storm water system. This extensive perimeter stormwater management system will be assisted by the water-retaining STORMWATER capacity of the landscaped open space, roof decks and permeable surfaces. MANAGEMENT



SUSTAINABILITY STRATEGIES SUBMISSION TO COUNCIL JANUARY 29, 2024

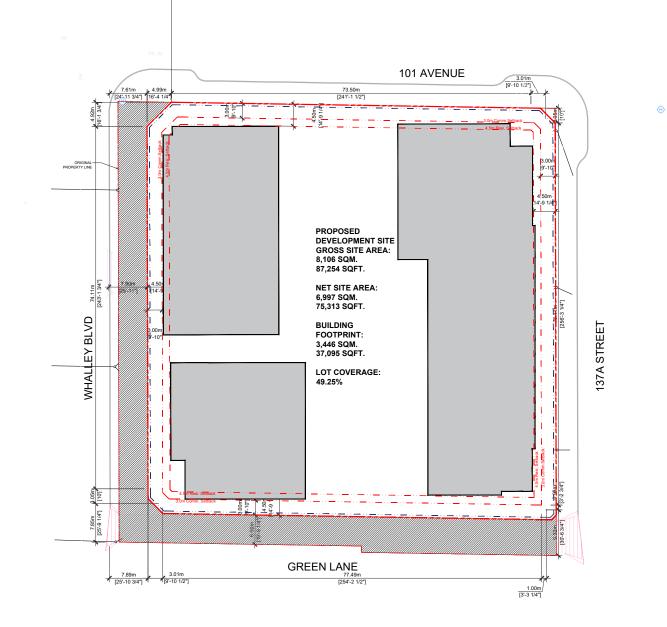




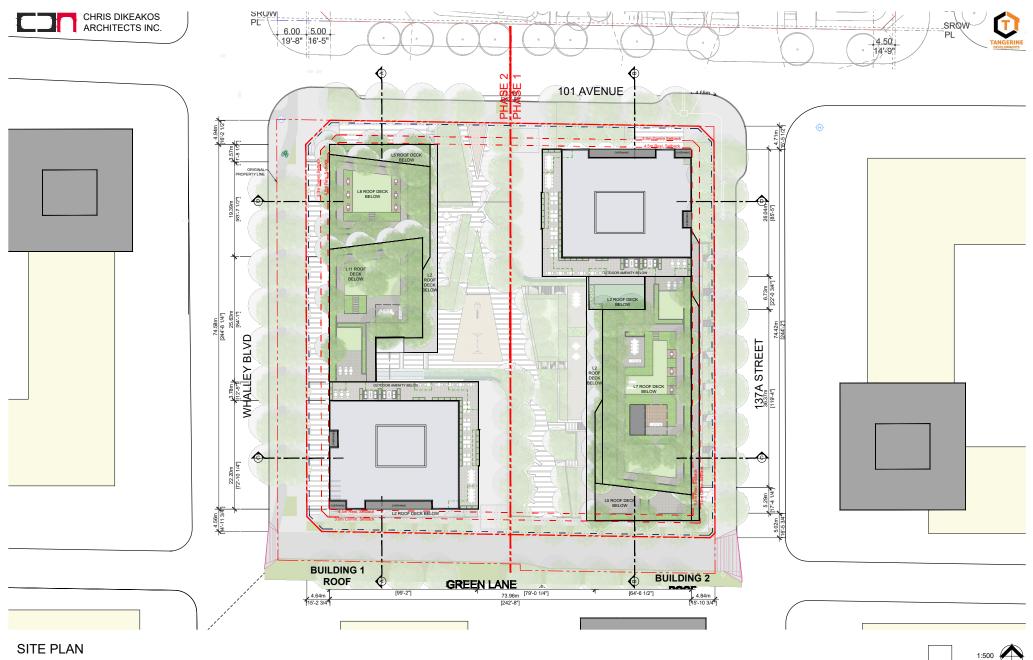








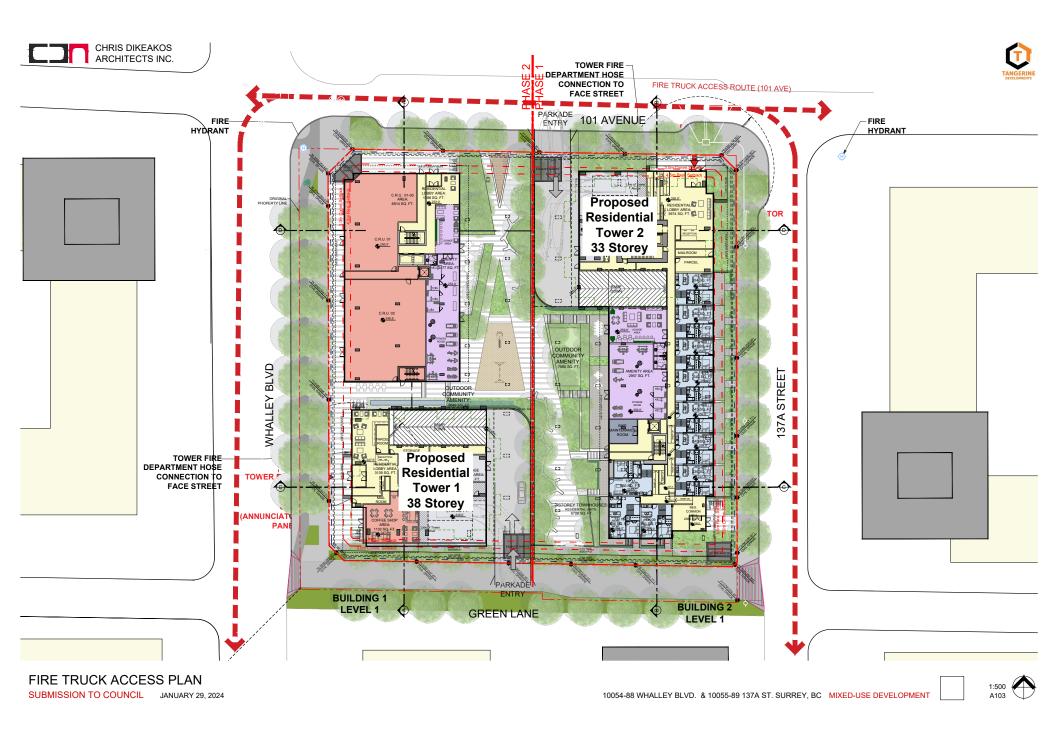




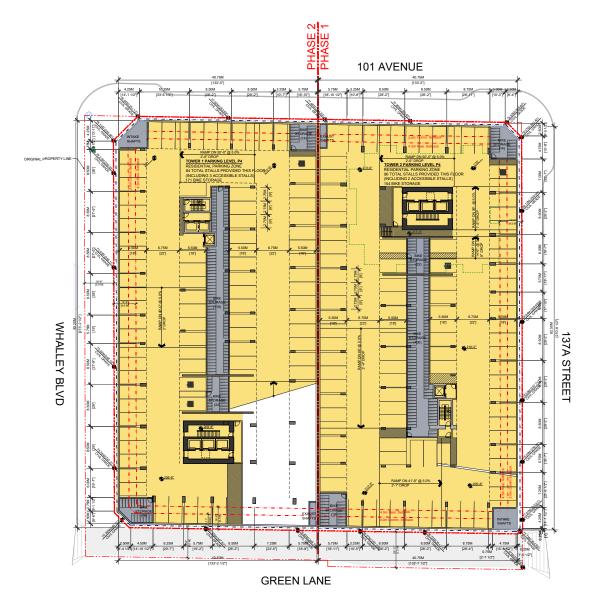
SUBMISSION TO COUNCIL JANUARY 29, 2024

10054-88 WHALLEY BLVD. & 10055-89 137A ST. SURREY, BC MIXED-USE DEVELOPMENT

A102



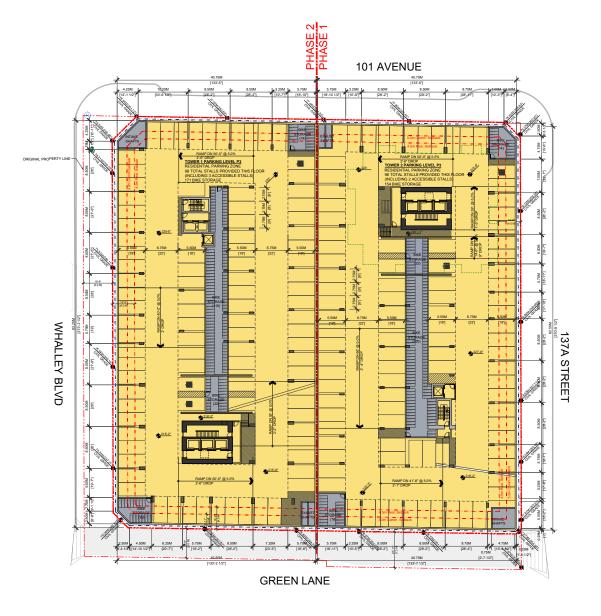




LEVEL P4 PARKADE FLOOR PLAN SUBMISSION TO COUNCIL JANUARY 29, 2024



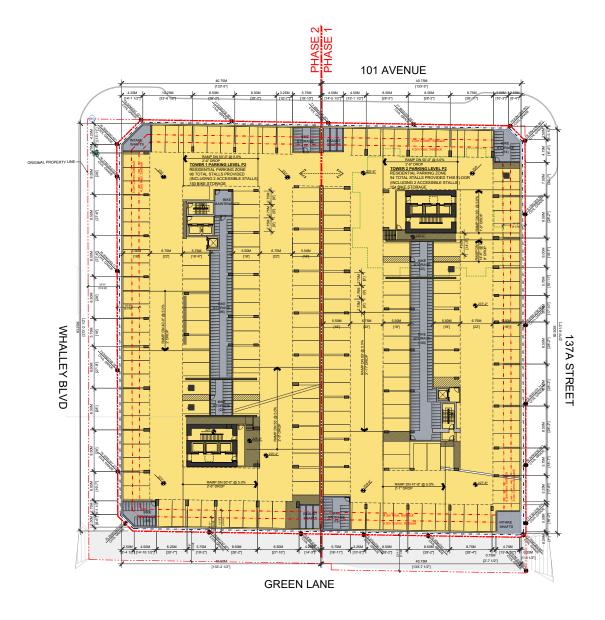




LEVEL P3 PARKADE FLOOR PLAN SUBMISSION TO COUNCIL JANUARY 29, 2024



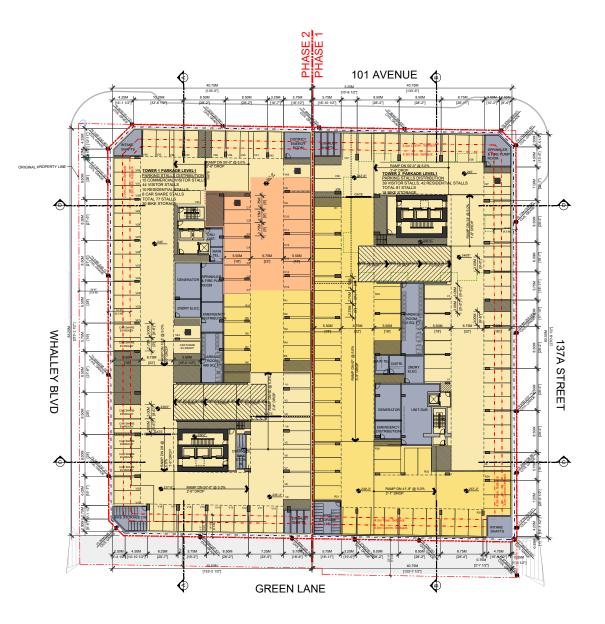












PMENT 1:500 A203























PODIUM AMENITY - L7(PHASE 1) & L11(PHASE 2)

SUBMISSION TO COUNCIL JANUARY 29, 2024







SUBMISSION TO COUNCIL JANUARY 29, 2024





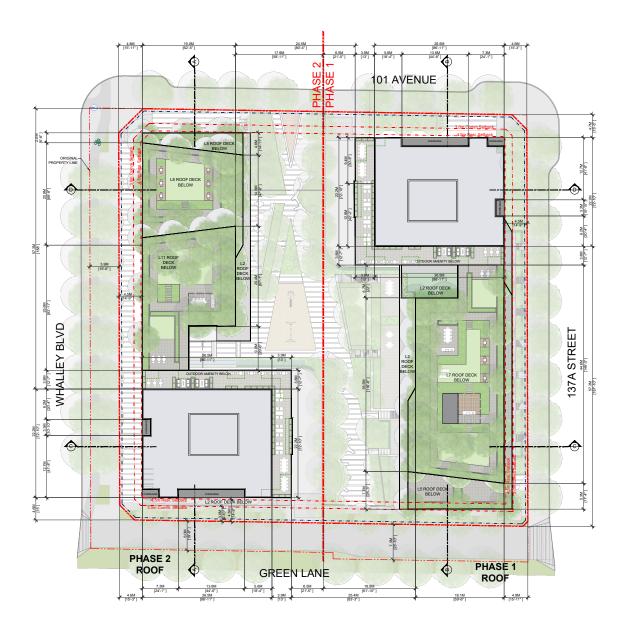




















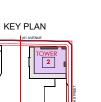


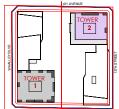
AMENITY FLOOR PLAN - PHASE 2 SUBMISSION TO COUNCIL JANUARY 29, 2024











AMENITY FLOOR PLAN - PHASE 1 SUBMISSION TO COUNCIL JANUARY 29, 2024







TANGERINE

KEY PLAN



SOUTH ELEVATION

BUILDING ELEVATIONS SUBMISSION TO COUNCIL JANUARY 29, 2024

10054-88 WHALLEY BLVD. & 10055-89 137A ST. SURREY, BC MIXED-USE DEVELOPMENT

1:600 A300





2

KEY PLAN

1

MATERIAL LEGEND

SPANDREL GLASS:

6 PERFORATED METAL:

ARCHITECTURAL FINISH PAINT:

8 PREFINISHED METAL PANEL:

10 ALUMINUM METAL PANEL & SOFFIT:

CANOPY SUPPORTS:

12 ALUMINUM METAL FINS:

13 ALUMINUM SUNSHADE:

9 ALUMINUM PANEL:

4

6

ALUMINUM WINDOW WALL FRAME, GUARDRAIL:

ALUMINUM CURTAIN WALL FRAME:

RESIDENTIAL GLASS - Tinted Sealed Unit

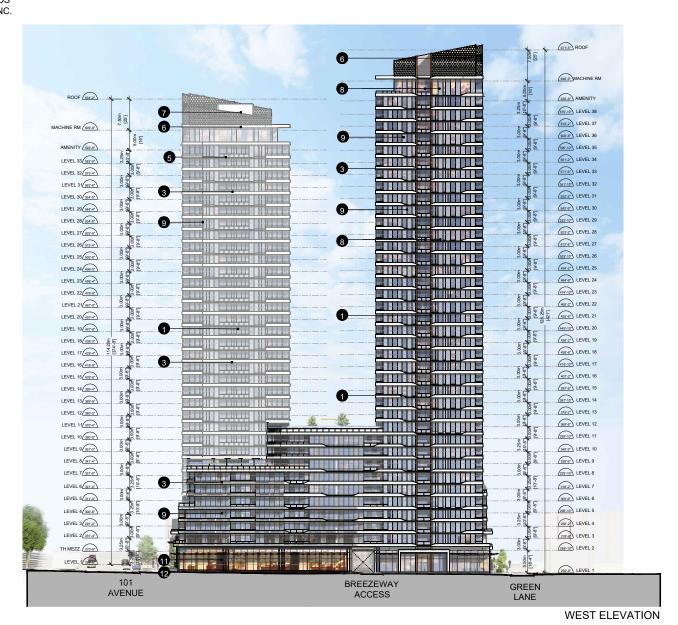
COMMERCIAL GLASS - Tinted Sealed Ur



NORTH ELEVATION

BUILDING ELEVATIONS SUBMISSION TO COUNCIL JANUARY 29, 2024





TANGERINE







BUILDING ELEVATIONS SUBMISSION TO COUNCIL JANUARY 29, 2024

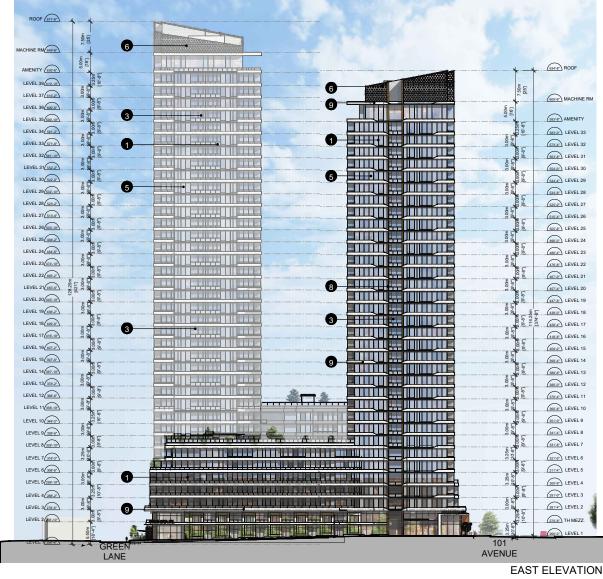




KEY PLAN





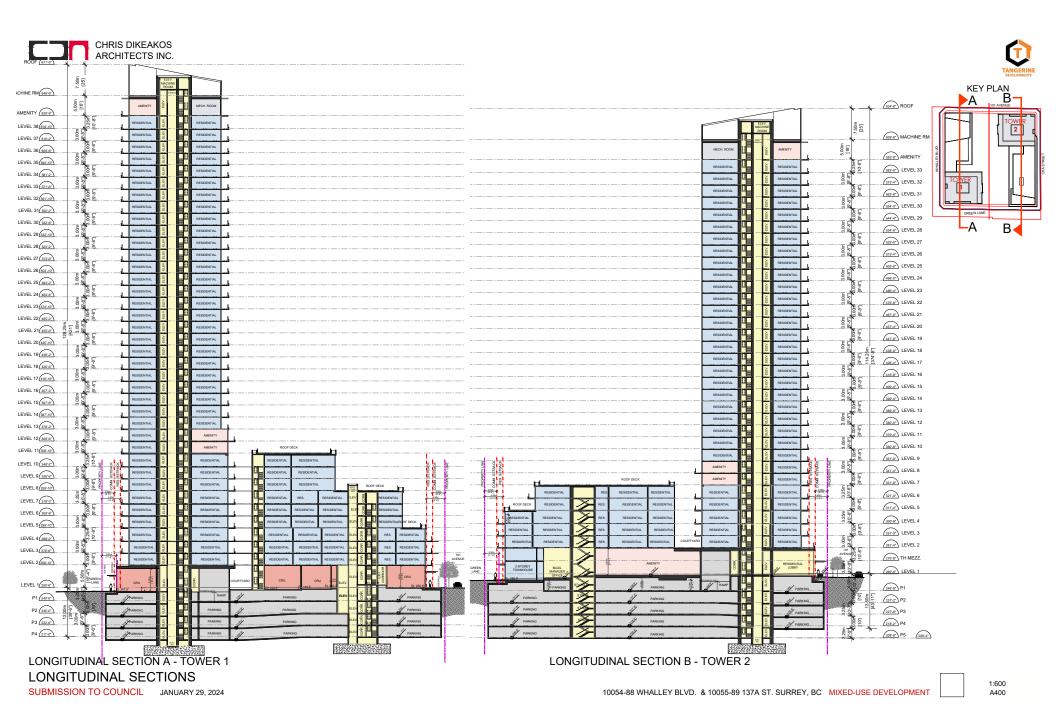


BUILDING ELEVATIONS SUBMISSION TO COUNCIL JANUARY 29, 2024

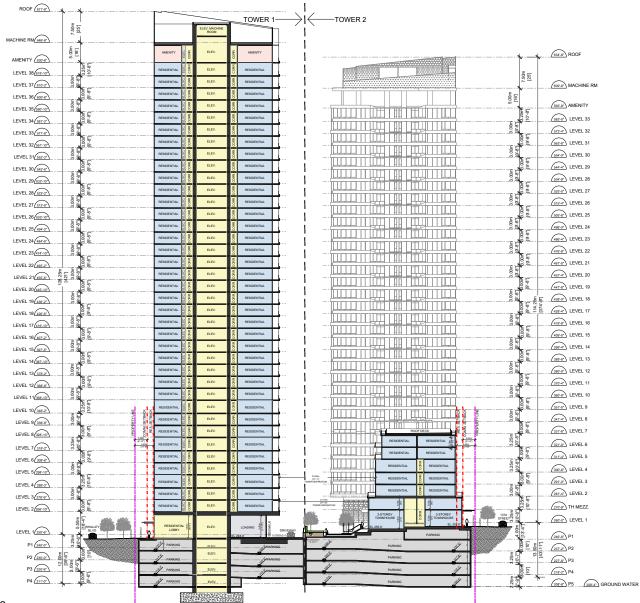
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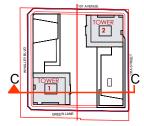










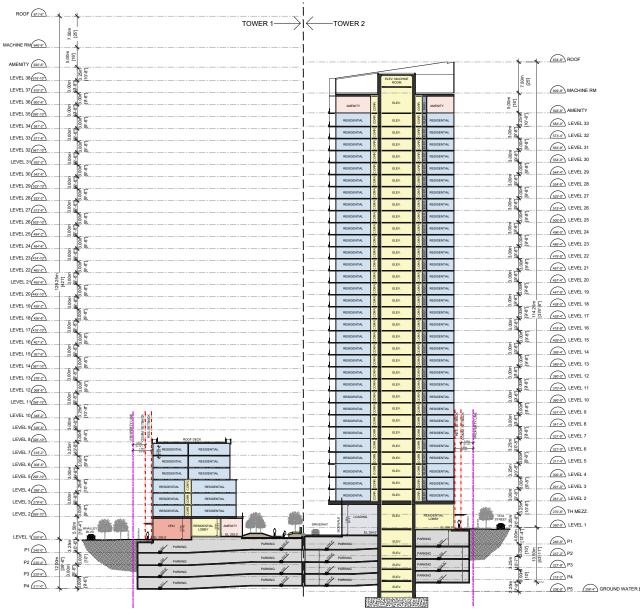


LATERAL SECTION C - TOWER 1 & 2

LATERAL SECTION - C

SUBMISSION TO COUNCIL JANUARY 29, 2024

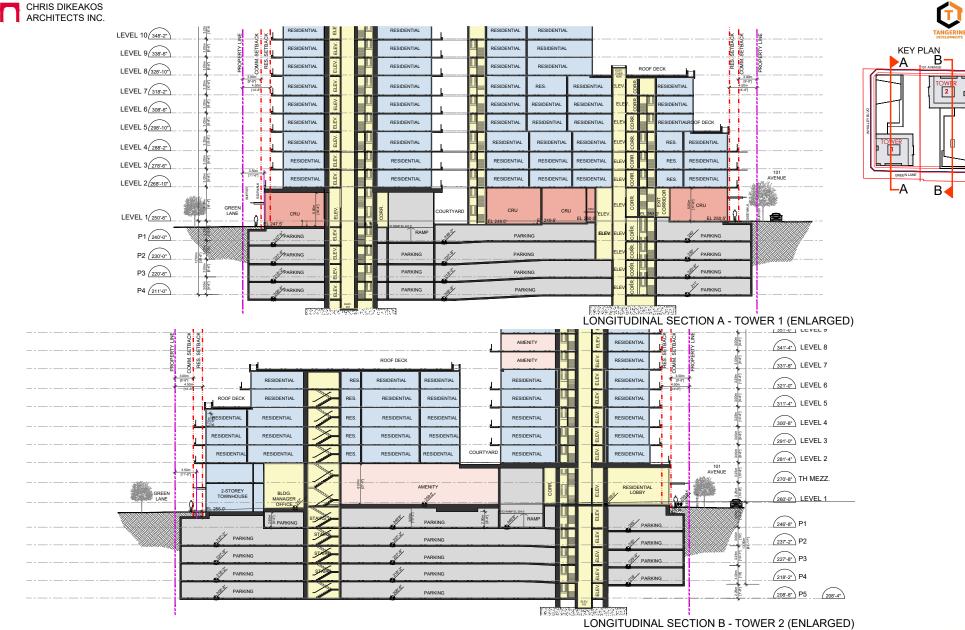








LATERAL SECTION D - TOWER 1 & 2 LATERAL SECTION - D SUBMISSION TO COUNCIL JANUARY 29, 2024



LONGITUDINAL SECTIONS SUBMISSION TO COUNCIL JANUARY 29, 2024



LATERAL SECTIONS

SUBMISSION TO COUNCIL JANUARY 29, 2024







CONTEXT VIEW FACING NORTHWEST & SURREY CITY CENTRE







CONTEXT VIEW FACING SOUTHWEST







CONTEXT VIEW FACING SOUTHEAST

3D VIEW SUBMISSION TO COUNCIL JANUARY 29, 2024





NTS A503



VIEW LOOKING SOUTH EAST FROM 101 AVE/WHALLEY BLVD





NTS

A504



VIEW LOOKING SOUTH EAST FROM 101 AVE/WHALLEY BLVD

VIEW LOOKING NORTH WEST FROM GREEN LANE













VIEW LOOKING NORTH WEST FROM GREEN LANE & 137A AVE







VIEW LOOKING NORTH WEST FROM GREEN LANE & 137A AVE

NTS A507







VIEW LOOKING NORTH WEST FROM GREEN LANE & 137A AVE

NTS A508



CHRIS DIKEAKOS ARCHITECTS INC.







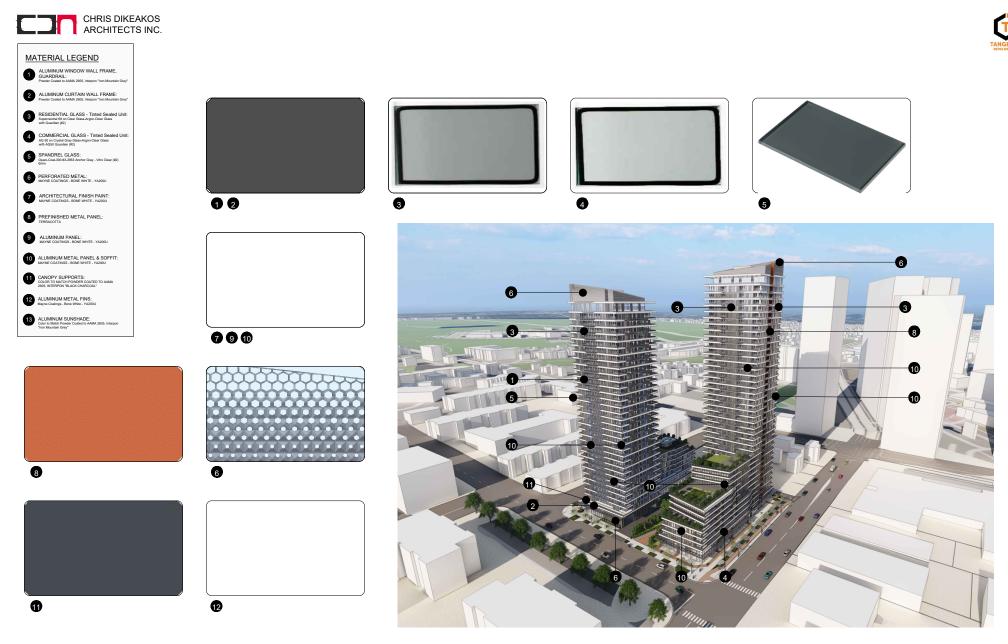




3D VIEW SUBMISSION TO COUNCIL JANUARY 29, 2024

10054-88 WHALLEY BLVD. & 10055-89 137A ST. SURREY, BC MIXED-USE DEVELOPMENT

NTS A511



MATERIAL BOARD SUBMISSION TO COUNCIL JANUARY 29, 2024

10054-88 WHALLEY BLVD. & 10055-89 137A ST. SURREY, BC MIXED-USE DEVELOPMENT

NTS A600

DRAWING LIST

SHEET	DRAWING TITLE
L100	COVER SHEET
L100.1	NOTES
L101	LANDSCAPE PLAN - GROUND
	LANDSCAPE PLAN - GROUND (EAST)
	PLANTING PLAN - GROUND (EAST)
1013	LANDSCAPE PLAN - GROUND (WEST)
L101.4	PLANTING PLAN - GROUND (WEST)
L102	LANDSCAPE PLAN - ROOF LEVELS
L102.1	LANDSCAPE PLAN - ROOF (EAST)
L102.2	
	LANDSCAPE PLAN - ROOF (WEST)
L102.4	PLANTING PLAN - ROOF (WEST)
L103	LANDSCAPE PLAN - TOP ROOF
L201	LANDSCAPE SECTIONS - GROUND
L202	LANDSCAPE SECTIONS - GROUND
L205	LANDSCAPE SECTIONS - GROUND
203	LANDSCAPE SECTIONS - ROOF (WEST)
1204	LANDSCAPE SECTIONS - ROOF (EAST)
1301	DETAILS

MATERIALS LEGEND

UNIT PAVING - SPECIAL PATTER

WALKWAYS - PUBLIC REALM

HYDROPRESSED SLABS

UNIT PAVERS

CIP CONCRETE

PARKING AREA

GROUND LEVEL

GROUND LEVEL

GROUND LEVEL

NEW PLANTING

REFER TO PLANT LIST

REFER TO PLANT LIST

WATER

HEDGES REFER TO PLANT LIST

LAWN

RUBBER SURFACE

WOOD SEATING DECK

PATHWAYS

ASPHALT

PATHWAYS

PATIOS

CHRIS DIKEAKOS

ARCHITECTS INC.

dk

SCALE

1:500 1:250 1:250 1:250 1:250 1:250 1:250 1:250 1:250 1:250 1:250 1:250

LEGEND WOOD DECK SEATING THE BREEZEWAY 6 THE GROVE AMENITY PATIOS 2 3 PAVILIONS THE MEWS KIDS PLAY AREA 9 MOUNDED LAWN 5 LAWN AND PODS SLOPED LAWN

LANDSCAPE RATIONALE

The streetscape has been designed to City Centre standards with an enhanced public realm treatment around the building. This treatment includes a dedicated bike lane and a double row of trees that will cast dappled shade over the paved areas and buffer pedestrians from Whalley Boulevard. On the commercial frontages, the retail uses will be encouraged to spill out and animate the public realm. The residential frontages will include a green buffer, useable depth patio and a gated direct access to the adjacent walkway. A green lane will be incorporated into the final design at the south edge, with a walkway proposed for the north side to take advantage of the winter sunlight and collect the

create a hub of semi-public activity. The intent is to have a semi-public amenity, but three control points give the experience and separate the vehicular areas of the site. Activities from the building will be encouraged to spill out into the breezeway, where opportunities for people to come together will be sprinkled throughout.

At the north end of the breezeway, a raised wood deck will create a gathering space and meeting point for the neighbourhood. A grove of trees will provide a green entry experience for the lobby, which will lead into an amenity space opening up on to the breezeway. Central to the breezeway, a children's play area will serve both phases of the project, with direct access from an amenity room in each phase. A storm water feature is being considered at the mid-point of the site to collect the runoff from the north half of the breezeway. This water will be used to water the

The driveway entires will be framed by a large green planting area with accent trees to punctuate the arrival experience and scale down the loading area wall. Alternating toned modular paving will be used to define the public realm with a consistent rhythm around the building and throughout the breezeway. Where possible, the patios will be elevated to provide separation and eyes on the street, while hedging and planting will buffer the private spaces and punctuate the public realm.

amenity terraces have been designed for the exclusive use of the tower residents and their guests. A network of pathways will connect the larger spaces with a range of program that can be found in smaller, more intimate spaces throughout. The program will include spill out spaces off the amenity rooms, co-working spaces, pods, outdoor living rooms, BBQ areas, outdoor dining, dog off leash areas and central lawn areas for flexible use.

come together as a community or host large family events. In addition to the hard surfaces, intensive green roof will provide valuable habitat and food sources for nesting birds. In addition to habitat, the soft landscape areas will provide storm water benefits, reducing peak flows by absorbing water from rainfall events. Trees and trellises will float over the terrace, providing human scale spaces with dappled shade. Raised planters will be used on the upper levels to define spaces, to integrate pathway lighting into the design provide the required soil volumes for the trees.

safety will be addressed throughout the site by selecting vegetation at recommended levels to maintain site lines adjacent to public areas and circulation routes. Evergreen shrubs, perennials and grasses, will comprise the majority of the plant palette, providing seasonal interest and a variety of habitat.

direct entries to the ground level units.

space the ability to be fenced off to limit public access if required for CPTED. Green edges will frame the pedestriar

plants under the building overhang and create a unique experience during storm events

As the building steps back, landscaping opportunities will be created top levels of each of the steps. Shrub planting and trees will be use to accent the architectural expression and soften the edges of the terraces. The common

The design tries to maximize the ability for several people to use the courtyard independently, with opportunities to

A mix of native and adaptive, drought tolerant plant material is proposed for the landscape areas on the podium. Site

A generous breezeway has been provided between the two phases that will connect to Whalley Boulevard and

~~~ 10 3 88 7 8 5 4 WHALLEY BLVD CD CD CD CD CD 38 **A**ATA**A**AT 3 **GREEN LANE** 

**101 AVENUE** 

COVER SHEET

January 29, 2024

Submission to Council



137A STREE

# CHRIS DIKEAKOS ARCHITECTS INC.



#### LANDSCAPE NOTES

1. All work shall meet or exceed the requirements as outlined in the current Edition of the Canadian Landscape Standard.

- Plant sizes and related container classes are specified according to the Canadian Landscape Standard current Edition. For container classes #3 and smaller, plant sizes shall be as shown in the plant list. Specifically, when the plant list call for #5 class containers, these shall be as defined in the CLAL (ANS) Standard. 2.
- 3. Area of search for specified plant material shall include the Lower Mainland of British Columbia, Vancouver Island, Washington and Oregon States.

dk

- All plant material used on this project shall be hardy in this climate. Plant types have been selected with this as a primary criteria. This Contractor shall guarantee that plant material supplied has equal provenance, is: it is developed from outlings or seeds collected in an area of similar climatic characteristics. 4.
- 5. Substitutions in plant material will not be considered unless written proof is submitted thirty (30) days prior to scheduled installation stating a specified plant cannot be obtained within the specified area of search.
- 6. All trees to be staked in accordance with CNLA Standards.
- 7. For all existing on site services and survey symbols refer to survey drawings.
- All landscaping and treatment of the open portions of the site shall be completed in accordance with the approved drawings within six (6) months of the date of issuance of any required occupancy permit, or any use or occupancy of the proposed development not requiring an occupancy permit, and hereafter permanently maintained in good conditions. 8.

### **IRRIGATION NOTES**

1. All on-site 'Soft Landscape Areas' are to be irrigated with high-efficiency automatic irrigation systems, including rain sensors, to IIABC Standards.

2. Irrigation stub-outs and hose bib locations will be provided to mechanical and electrical consultants for coordination.

January 29, 2024

- 3. Irrigation system is a deign-build. Landscape contractor to provide irrigation design/layout for review by Landscape Consultant for approval.
- 4. No visible irrigation lines will be accepted.
- 5. All irrigation baxes to be equipped with quick couplers.
- 6. Irrigation controller to be located in mechanical room.

### PLANT LIST

| TREES     |     |                           |                           |                |
|-----------|-----|---------------------------|---------------------------|----------------|
| SYMBOL.   | QTY | BOTANICAL NAME            | COMMON NAME               | SIZE / SPACING |
| $\odot$   | 42  | 'Acer rubrum 'Armstrong   | Armstrong Maple           |                |
| $\odot$   | 45  | Acer palmatum 'Sangokaku' | Coral Bark Japanese Maple |                |
| $\odot$   | 10  | Cercis canadensis         | Eastern Redbud            |                |
| $\otimes$ | 2   | Gleditsia triacanthos     | Thornless Honeylocust     | 5cm cal.       |
| $\odot$   | 7   | Magnolia x 'Butterflies'  | Butterflies Magnolia      |                |
|           |     |                           |                           |                |

#### SHRUBS

| SYMBOL    | QTY        | BOTANICAL NAME                            | COMMON NAME                        | SIZE / SPACING       |
|-----------|------------|-------------------------------------------|------------------------------------|----------------------|
| Ah        | 432        | Azalea 'Hino-Crimson'                     | Hino-Crimson Azalea                | #2 pot / 24" O.C.    |
| Es        | 740        | Erica carnea                              | Spring Heath                       | #1 pot / 18" O.C.    |
| Ew        | 420        | Erica carnea 'Springwood White'           | Springwood White Heather           | #1 pot / 16" O.C.    |
| Hb        | 23         | Hydrangea macrophylla 'Blushing Bride'    | Endless Summer® Blushing Bride Hyd | ir#3 Pot / 36" O.C.  |
| Lt        | 197        | Lavandula angustifolia 'Thumbelina Leigh' | Thumbelina Leigh English Lavender  | #1 pot / 18" O.C.    |
| Lg        | 168        | Lavandula x intermedia 'Grosso'           | Fat Bud French Lavender            | #2 pot / 24" O.C.    |
| Lc        | 194        | Lonicera caerulea                         | Haskap                             | #1 pot / 10" O.C.    |
| Lp        | 337        | Lonicera Pileata                          | Privet honeysuckle                 | #2 pot / 42" O.C.    |
| Sg        | 127        | Senecio greyi                             | Daisy bush                         | #2 pot/ 30" O.C.     |
| т         | 520        | Taxus x media 'Hillii' (Male Plants Only) | Hill's Yew                         | 4' ht, B&B, 18" O.C. |
|           |            |                                           |                                    |                      |
| GROUNDCON | FRS GRASSE | S. FERNS & VINES                          |                                    |                      |

| BROUNDCO | VERS, GRA | SSES, FE | ERNS & VI |
|----------|-----------|----------|-----------|
|----------|-----------|----------|-----------|

| SYMBOL | QIY  | BOTANICAL NAME                             | COMMON NAME                   | SIZE / SPACING    |
|--------|------|--------------------------------------------|-------------------------------|-------------------|
| Au     | 182  | Arctostaphylos uva-ursi                    | Bearberry                     | #1 pot / 12" O.C. |
| CI     | 91   | Calamagrostis x acutiflora `Karl Foerster` | Foerster'S Feather Reed Grass | #2 pot / 10" O.C. |
| Pt     | 1170 | Pachysandra terminalis                     | Japanese Spurge               | #1 Pot / 12" O.C. |

Submission to Council



# CHRIS DIKEAKOS ARCHITECTS INC.

dk







ACTIVE COMMERICAL SPACE



SLEEK FINISHES



ACTIVE COMMERICAL SPACE





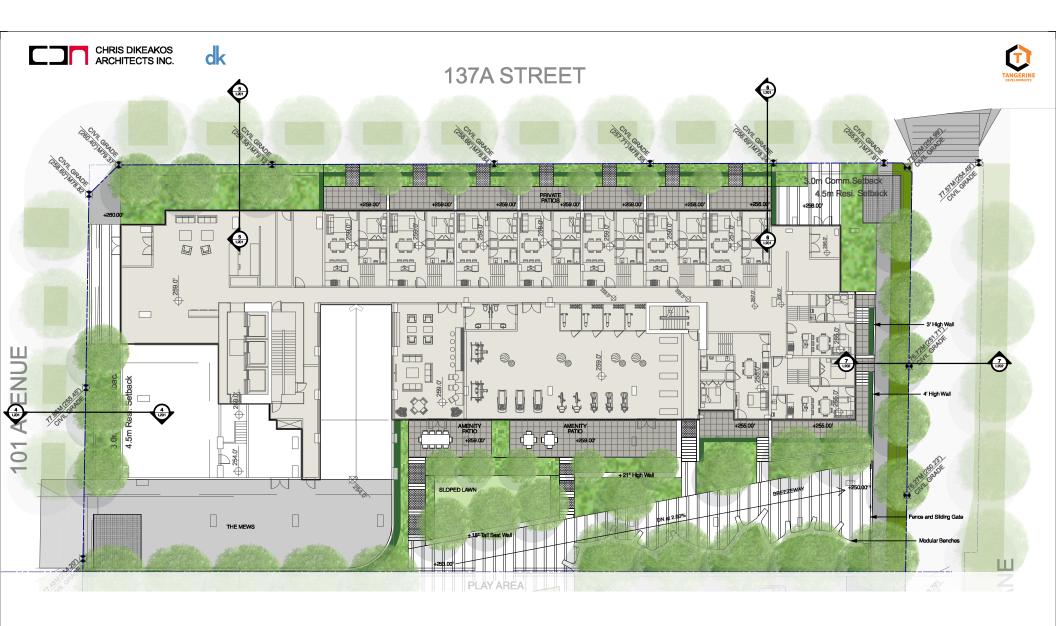


January 29, 2024

Submission to Council

MIXED USE DEVELOPMENT 10054-88 WHALLEY BLVD. 1055-89 137A ST. SURREY, BC





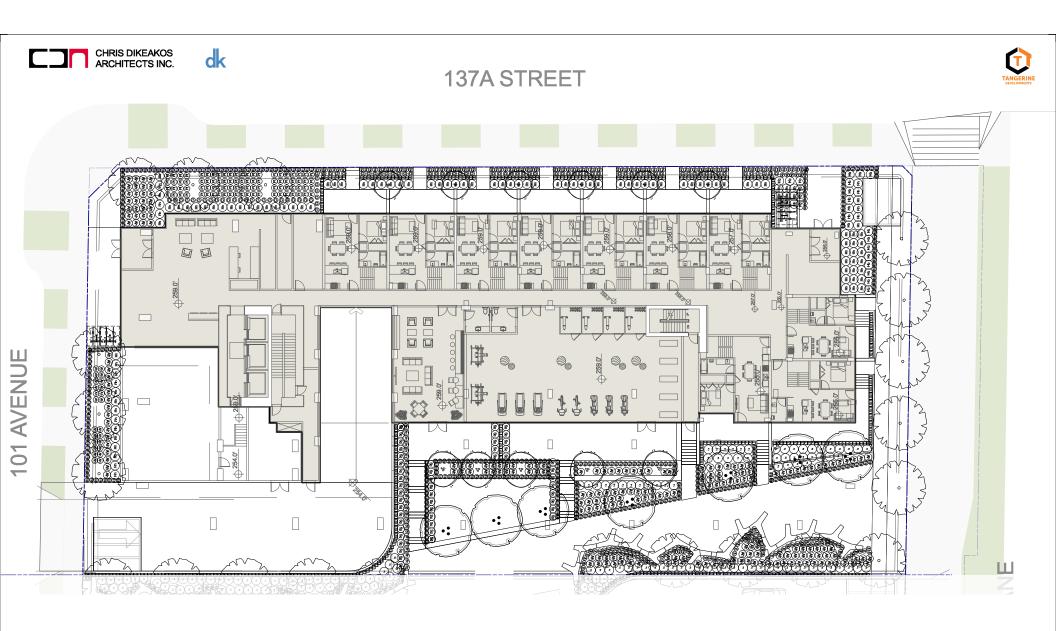
### LANDSCAPE PLAN - GROUND (EAST)

Submission to Council

to Council January 29, 2024

10054-88 WHALLEY BLVD. 1055-89 137A ST. SURREY, BC MIXED USE DEVELOPMENT





### PLANTING PLAN - GROUND (EAST)

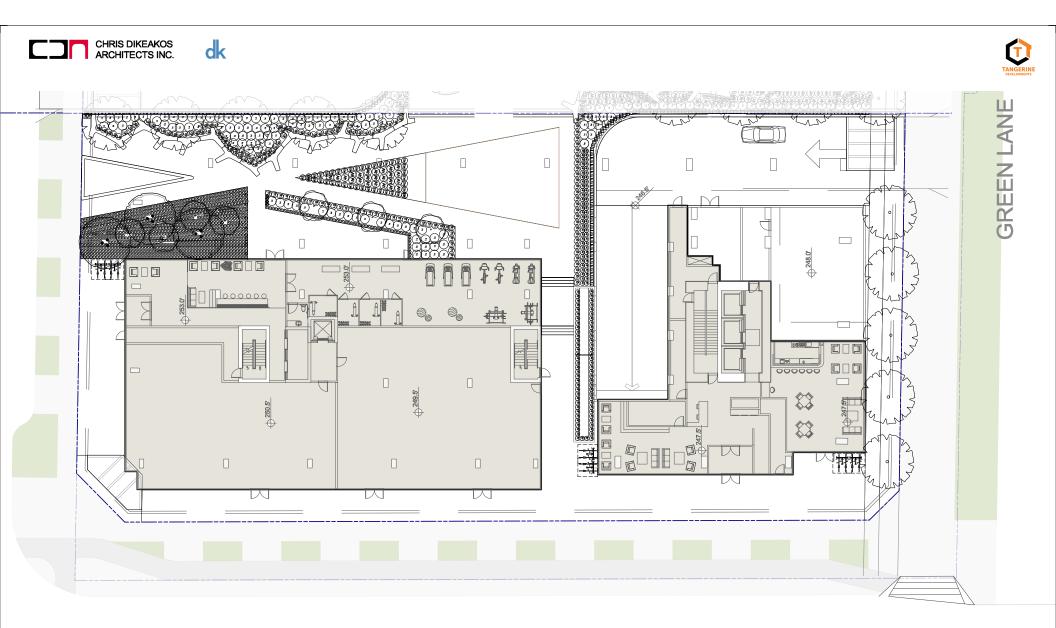
Submission to Council

January 29, 2024

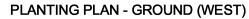
MIXED USE DEVELOPMENT 10054-88 WHALLEY BLVD. 1055-89 137A ST. SURREY, BC

1:250 L101.2 \bigg





WHALLEY BLVD



Submission to Council

January 29, 2024

10054-88 WHALLEY BLVD. 1055-89 137A ST. SURREY, BC MIXED USE DEVELOPMENT

1:250 L101.4





| INTE | ER-OF | FICE | MEMO |
|------|-------|------|------|
|------|-------|------|------|

| TO:   | Director, Area Planning & l<br>- North Surrey Division<br>Planning and Developmen | -             |              |  |
|-------|-----------------------------------------------------------------------------------|---------------|--------------|--|
| FROM: | Development Services Manager, Engineering Department                              |               |              |  |
| DATE: | January 23, 2024                                                                  | PROJECT FILE: | 7823-0297-00 |  |
|       |                                                                                   |               |              |  |

# RE: Engineering Requirements Location: 10054/64/74/80/88 - Whalley Blvd. & 10055/57/65/73/82/89 - 137A St.

# **OCP AMENDMENT/CCP AMENDMENT**

The following issues are to be addressed as a condition of the OCP Amendment/CCP Amendment:

The applicant is required to complete a downstream sanitary sewer capacity analysis due to the proposed Land use plan amendment and increased sanitary demand. The applicant will be required to resolve any downstream pipe capacity constraints.

# **REZONE/SUBDIVISION**

# Property and Right-of-Way Requirements

- Dedicate 5.942 m along Whalley Blvd;
- Dedicate 5 m x 5 m corner cut at 101 Ave. and Whalley Blvd;
- Dedicate 3 m x 3 m corner cut at green lane and 137A Street;
- Dedicate 3 m x 3 m corner cut at 101 Ave/137A St;
- Dedicate 1 m x 1 m corner cut at green lane/137A St;
- Dedicate varying widths between 6.0 m and 7.29 m at south property line for Green Lane;
- Register 0.5 m statutory right-of-way (SRW) along road frontages for maintenance.

# Works and Services

- Construct east side of Whalley Blvd;
- Construct west side of 137A Street;
- Construct south side of 101 Ave;
- Construct green lane;
- Construct adequately-sized service connections (drainage, water, and sanitary), complete with inspection chambers/water meter, to the lot.
- Construct required servicing mains (drainage, water, and sanitary) along the site frontage in order to meet frontage requirements and to provide servicing to the development site.

A Servicing Agreement is required prior to Rezone/Subdivision.

### **DEVELOPMENT PERMIT**

There are no engineering requirements relative to issuance of the Development Permit.

Jeffy lang

Jeff Pang, P.Eng. Development Services Manager M<sub>51</sub>

NOTE: Detailed Land Development Engineering Review available on file



| Department: | Planning and Demographics |
|-------------|---------------------------|
| Date:       | January 16, 2024          |
| Report For: | City of Surrey            |

### Development Impact Analysis on Schools For:

Application #:

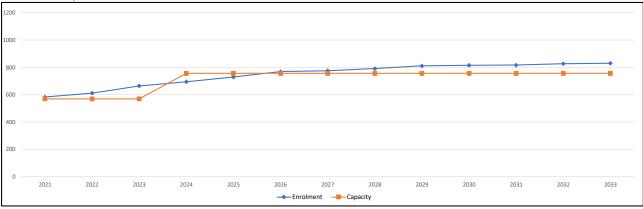
tion # 23 0297 00

The proposed development of **822** High Rise Apartment units are estimated to have the following impact on elementary and secondary schools within the school regions.

| within the school regions.                    |           | The following tables illustrate the historical, current and future enrolment projections<br>including current/approved ministry operating capacity for the elementary and secondary<br>schools serving the proposed development.                                                                                                                                                           |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| School-aged children population projection    | 29        |                                                                                                                                                                                                                                                                                                                                                                                            |
|                                               |           | The NCP for the area calls for significant redevelopment located along King George Boulevard and<br>104th Avenue with the current building form changing into mid to high-rise residential development<br>and mixed use. The timing of these future high-rise developments, with good market conditions<br>could impact the enrolment growth upwards even more from the projections below. |
| Projected Number of Students From This Develo | oment In: |                                                                                                                                                                                                                                                                                                                                                                                            |
| Elementary School =                           | 16        | Lena Shaw operates at or slightly above the school's capacity. Post 2023, the projected growth trend                                                                                                                                                                                                                                                                                       |
| Secondary School =                            | 8         | begins to get stronger finishing at end of the decade to around 830 students. In anticipation of further                                                                                                                                                                                                                                                                                   |
| Total Students =                              | 24        | growth associated with the proposed transit oriented housing mentioned above, the Ministry<br>approved in November 2023 the installation of 8 modulars to open in September 2024 tentatively.                                                                                                                                                                                              |
| Current Enrolment and Capacities:             |           | Guildford Park Secondary is currently operating at 132% and is projected to minimally grow. This                                                                                                                                                                                                                                                                                           |
| Lena Shaw Elementary                          |           | school will be impacted by development along the Guildford 104th Ave Corridor when that NCP has                                                                                                                                                                                                                                                                                            |
| Enrolment                                     | 664       | been adopted. The impact of this plan will not be included in this projection until the plan has been                                                                                                                                                                                                                                                                                      |
| Operating Capacity                            | 569       | approved. In May 2023, the District received capital funding approval from the Ministry to build a                                                                                                                                                                                                                                                                                         |
| # of Portables                                | 5         | 450-capacity addition, targeted to open in the spring of 2028.                                                                                                                                                                                                                                                                                                                             |
|                                               |           |                                                                                                                                                                                                                                                                                                                                                                                            |
| Guildford Park Secondary                      |           |                                                                                                                                                                                                                                                                                                                                                                                            |
| Enrolment                                     | 1390      |                                                                                                                                                                                                                                                                                                                                                                                            |
| Operating Capacity                            | 1050      |                                                                                                                                                                                                                                                                                                                                                                                            |
| # of Portables                                | 11        |                                                                                                                                                                                                                                                                                                                                                                                            |

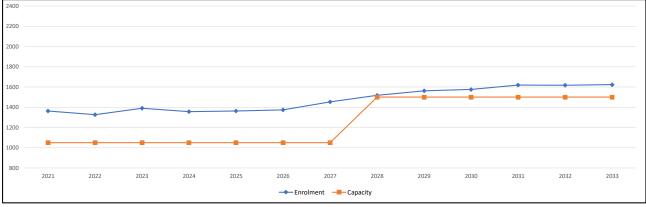
Summary of Impact and Commentary

### Lena Shaw Elementary



Note: If this report is provided in the months of October, November and December, the 10-year projections are out of date and they will be updated in January of next year.

Guildford Park Secondary



Note: If this report is provided in the months of October, November and December, the 10-year projections are out of date and they will be updated in January of next year.

**Population** : The projected population of children aged 0-17 impacted by the development. **Enrolment:** The number of students projected to attend the Surrey School District ONLY.

### **8.0 TREE PRESERVATION SUMMARY**

Surrey Project No: N/A

Address: 10054-88 Whalley Blvd & 10055-89 137A St, Surrey

Registered Arborist: Francis Klimo

| On-Site Trees                                                                                                                                              | Number of Trees |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Protected Trees Identified                                                                                                                                 | 54              |
| (on-site and shared trees, including trees within boulevards and proposed streets and lanes,                                                               |                 |
| but excluding trees in proposed open space or riparian areas and non-bylaw protected trees)                                                                |                 |
| Protected Trees to be Removed                                                                                                                              | 54              |
| Protected Trees to be Retained                                                                                                                             | 0               |
| (Excluding trees within proposed open space or riparian areas)                                                                                             |                 |
| Total Replacement Trees Required:                                                                                                                          |                 |
| Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio<br>4 X one (1) = 4<br>All other Trees Requiring 2 to 1 Replacement Ratio<br>50 X two (2) = 100 | 4<br>100        |
| Replacement Trees Proposed                                                                                                                                 | 105             |
| Replacement Trees in Deficit                                                                                                                               | 0               |
| Protected Trees to be Retained in Proposed [Open Space / Riparian Areas]                                                                                   | N/A             |

| Off-Site Trees                                                                 | Number of Trees |
|--------------------------------------------------------------------------------|-----------------|
| Protected Off-Site Trees to be Removed                                         | 0               |
| Total Replacement Trees Required:                                              |                 |
| Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio<br>0 X one (1) = 0 | 0               |
| All other Trees Requiring 2 to 1 Replacement Ratio                             |                 |
| 0 X two (2) = 0                                                                | 0               |
| Replacement Trees Proposed                                                     | 0               |
| Replacement Trees in Deficit                                                   | 0               |

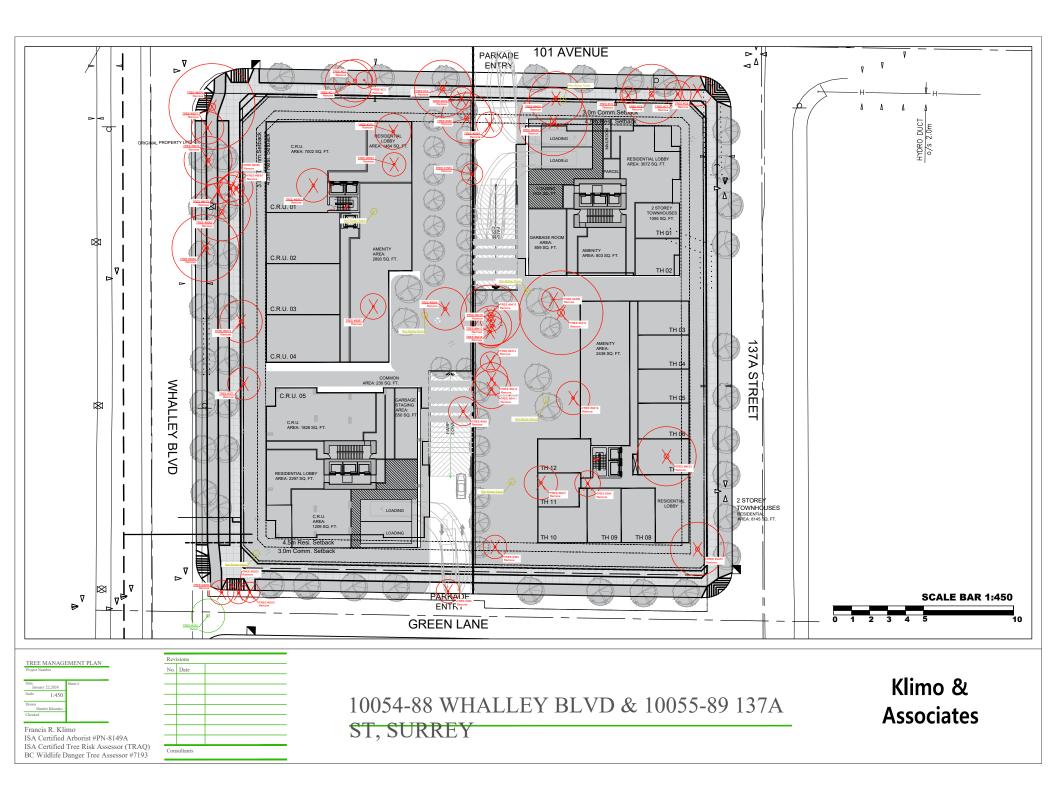
Summary, report and plan prepared and submitted by:

Frances kelmo

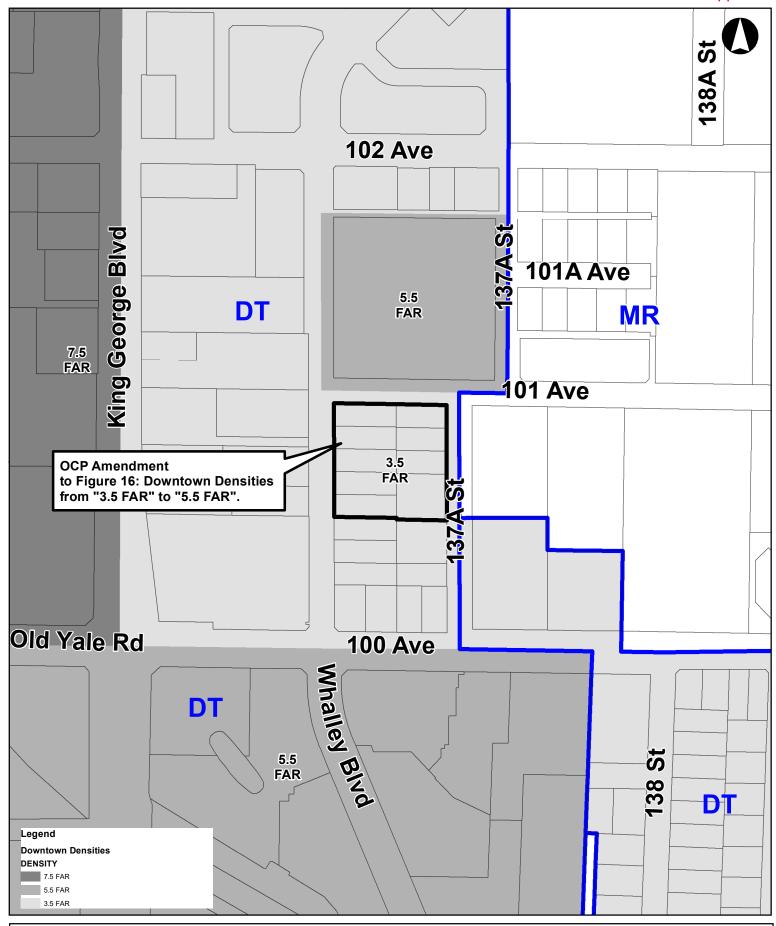
January 23, 2023

(Signature of Arborist)

Date



Appendix V





# **OCP Amendment 23-0297-00**

OCP Amendment to Figure 16: Downtown Densities from "3.5 FAR" to "5.5 FAR".





# Advisory Design Panel Minutes

Location: Virtual THURSDAY, DECEMBER 14, 2023 Time: 4:00 p.m.

### <u>Present:</u>

<u>Panel Members</u>: N. Couttie, Chair S. MacRae M. Mitchell J. Packer R. Salcido

### <u>Guests:</u>

Richard Bernstein, Chris Dikeakos Architects Inc Mani Mahmoudian, Chris Dikeakos Architects Inc Kanwar Dhamrait, Oviedo Group Tom Gill, Tangerine Developments Mark van der Zalm, Van Der Zalm & Associates Dylan Chernoff, Durante Kreuk Ltd.

### Staff Present:

A. McLean, City Architect S. Maleknia, Senior Urban Design Planner A. Yahav, Clerk 3

### A. RECEIPT OF MINUTES

It was

Moved by J. Packer Seconded by R. Salcido

That the minutes of the Advisory Design Panel

meeting of November 23, 2023, be received. <u>Carried</u>

### **B. NEW SUBMISSION**

2. 5:45 p.m.

| File No.:             | 7923-0297-00                                                  |
|-----------------------|---------------------------------------------------------------|
| New or Resubmit:      | New                                                           |
| Last Submission Date: | N/A                                                           |
| Description:          | City Centre Plan and OCP amendments, Rezoning and             |
|                       | Development Permit to allow for 2 towers (37 & 39-storeys)    |
|                       | with a total of 822 residential units, 747 sq.m of commercial |
|                       | space and a gross FAR of 7.40.                                |
| Address:              | 10054-10088 Whalley Blvd. & 10055 to 100898 137A St.          |
| Developer:            | Surrey Central Tower Holdings Inc.                            |
| Architect:            | Richard Bernstein, Chris Dikeakos Architects Inc.             |
| Landscape Architect:  | Dylan Chernoff, Durante Kreuk Ltd.                            |
| Planner:              | Ingrid Matthews                                               |
| Urban Design Planner: | Sam Maleknia                                                  |

The Urban Design Planner gave an overview of the policy and area context, noting anticipated future context, and advised that staff generally support the project.

The Panel was asked to comment on the overall site planning, pedestrian and vehicular movement, architectural expression, overall landscape concept, and public realm interfaces.

The Project Architect presented an overview of the site planning, streetscapes, building concept, and 3D Views.

The Landscape Architect presented an overview of the general concept for the Landscape design.

### **ADVISORY DESIGN PANEL STATEMENT OF REVIEW**

It was

Moved by S. MacRae Seconded by R. Salcido That the Advisory Design Panel (ADP) SUPPORT the project and recommends that the applicant address the following issues to the satisfaction of the Planning & Development Department. Carried

### **Key Points**

- Consider adding more three-bedroom, family-oriented units. The larger 2B-D units with the Den against the exterior wall have been converted to 3 Bedroom units. Please refer to sheets A206 to A208
- Consider adding more emphasis to the building entries. A metal frame has been added to the exterior façade of the building entries to provide more emphasis. Please refer to A500 sheets set.
- Consider colour-fast materials. Review the longevity of the orange-coloured material, ensuring that it will not be impacted by sun conditions over time. A specific-coloured metal panel system material will be selected for durability and non-fading performance qualities.
- Consider further development of energy modelling. Noted. We are in communication with the mechanical engineering consultant and will provide this as soon as the energy modelling is completed.
- Consider relocating public art into the breezeway rather than the interior corner. Noted. This will be considered with communication with our public art consultant.
- Consider indoor and outdoor parking for E-bikes. Noted. The team will consider provisions for charging e-bikes at the short-term bike rack locations. Refer to sheets A200 to A203 and 'Landscape Plan - Ground' on sheet L101.

### Site

No specific issues were identified.

### Form and Character

Consider a detailed design strategy for the mews such that echo effects and noise reverberations from the public are limited. Canopies will be provided at various points along the building faces fronting the mews to deflect echo effects and noise reverberations to the higher storeys in the podiums and towers.

Consider emphasizing the entries to lobbies through use of colour, trims, frames, and other materials.
 Coloured metal frames have been added to the exterior façade of the building entries to provide more emphasis. Please refer to A500 sheets set.

### Landscape

- Ensure all trees have adequate soil volume and depth. The initial design was coordinated with the architectural team to provide adequate soil volumes and depths. A couple locations included small trees to accommodate limited soil volumes and one location was planted as a stand of trees to share a collective volume of soil. A soil volume overlay will be provided as part of an upcoming submission and the architectural team is aware of the soil requirements. Refer to 'Planting Plan – Ground' on sheets L101.2 and L101.4, and 'Planting Plan – Roof' on sheets L102.2 and L102.4.
- Ensure diversity in tree and shrub species for optimum wildlife habitat and four-season interest.
   The planting plans will be refined to include a greater diversity of tree and shrub species. Refer to the 'Plant List' on sheet L100.1.
- Consider providing conifer tree species.
   Coniferous planting was considered in clusters during the early stages of the design.
   Coniferous hedges have been included throughout the development, but larger coniferous trees have been avoided to address CPTED concerns on the ground level and provide more useable landscapes on the upper levels of the building. Refer to 'Planting Plan Ground' on sheets L101.2 and L101.4, and 'Planting Plan Roof Levels' on sheets L102.2 and L102.4.
- Consider providing community gardens.
   Community gardens were initially considered as part of the program for the outdoor amenities. After a work session with the client, their marketing consultant and the architectural team, the program we included was determined to best align with the desires of the anticipated residents. Refer to 'Landscape Plan Ground' on sheets L101.1 and L101.3, 'Landscape Plan Roof' sheets L102.1 and L102.3, and 'Landscape Plan Top Roof' on sheet L103.
- Consider reviewing amenity areas for weather protection. The architectural design includes weather protection for the roof decks, under the building overhangs and along the edges of some of the other outdoor amenity spaces. In addition to the building overhangs and canopies, the team is considering integrating some level of weather protection into the pavilion structures on the podium levels. Refer to 'Landscape Plan – Ground' on sheet L101, and 'Landscape Plan – Roof Levels' on sheet L102.
- Consider providing dog relief stations for residents with pets. Dog relief stations are very important to the team and will be provided on the podium of each building. Refer to 'Landscape Plan – Roof' on sheets L102.1 and L102.3.
- Review private patios adjacent to amenity spaces and ensure there is a buffer. Private patios will be buffered, where adjacent to the amenity spaces by using raised planters and gates with hedges and layered shrub planting to provide privacy. Refer to 'Landscape Plan – Ground (EAST)' on sheet L101.1, and 'Landscape Plan – Roof Levels' on sheet L102.
- Consider providing more diverse programming, including play spaces, active

and passive zones, eating areas, and work or office zones. Since the early stages of the project, we worked carefully with the client, their marketing consultant and the architectural teams to develop a diverse range of outdoor program. The proposed program includes passive and active play spaces, active and passive zones, eating areas and co-working spaces. We will continue to work with the project team to refine the broad range of program already being proposed and look for opportunities to expand the offering to best align with the future residents. Refer to 'Landscape Plan – Ground' on sheets L101.1 and L101.3, 'Landscape Plan – Roof' sheets L102.1 and L102.3, and 'Landscape Plan – Top Roof' on sheet L103.

### CPTED

• No specific issues were identified.

### Sustainability

- Consider energy modeling at earlier stages of the project to help inform the design process.
   Noted. We are in communication with the mechanical consultant and will provide this as soon as the energy modelling is completed.
- Consider using future climate files for thermal comfort modelling to test resiliency and ensure livability in the future.

Noted. This will be considered in our upcoming design development stages.

• Consider the location of HRVs and heat pumps at the early stages of the design; for a little bit more space, significantly better units can be produced. This will render higher efficiency, lower noise, better filtration, and (critically) summer bypass.

Noted. This will be included in our upcoming design development stages.

- Consider high-quality bike amenities including good wayfinding for bicyclists, automatic door operators to ease entry and exit, ample room for cargo bikes and trailers, and electric bike charging.
   Noted. This will be included in our upcoming design development and construction document stages.
- Consider indoor and outdoor parking for E-bikes. Noted. The team will consider provisions for charging e-bikes at the short-term bike rack locations. Refer to sheets A200 to A203 and 'Landscape Plan – Ground' on sheet L101.
- Consider incorporating a bike maintenance area that can also serve as a casual space for interaction.

This has been provided as is shown on Plan A204.

- Consider how bicyclists interact with pedestrians and drivers both on the ground plane and within buildings to inform layout and design decisions. Designated bike elevators are provided in both Phases. The Phase 1 elevator will open up to a corridor exiting out to the center courtyard, while the Phase 2 elevator will be shared with the commercial uses and exiting onto the walkway on Whalley Blvd. Please refer to sheets A200 to A204.
- Consider how best to encourage waste management with both a three-stream in-suite system and central recycling rooms that are well-lit, include sorting

tables, and include pictograms to address language barriers. Noted. This will be considered in our upcoming design development stages.

• Consider including a resilient water access point that residents can access in the event of a power outage so everyone can fill vessels when city water pressure will not reach the top of the towers.

Noted. This will be included in our Construction document stage of work.

- Consider opportunities to maximize operable window area and opportunities for cross ventilation for passive cooling and ventilation.
   Residential units for both towers and their podium levels will have operable windows and/or patio doors facing their respective balconies. This is in addition to windows facing outwards from primary bedroom and living room areas. Also, larger corner units will have cross-ventilation in living rooms with exposures on two faces of the buildings. Please refer to A500 sheets set.
- Review the depth of balconies to reduce unwanted solar gain, particularly on the south elevations.

Noted. This will be considered in our upcoming design development stages.

### Accessibility

• No specific issues were identified.

# C. OTHER BUSINESS

### 1. Roundtable

A roundtable of discussion was held.

### D. NEXT MEETING

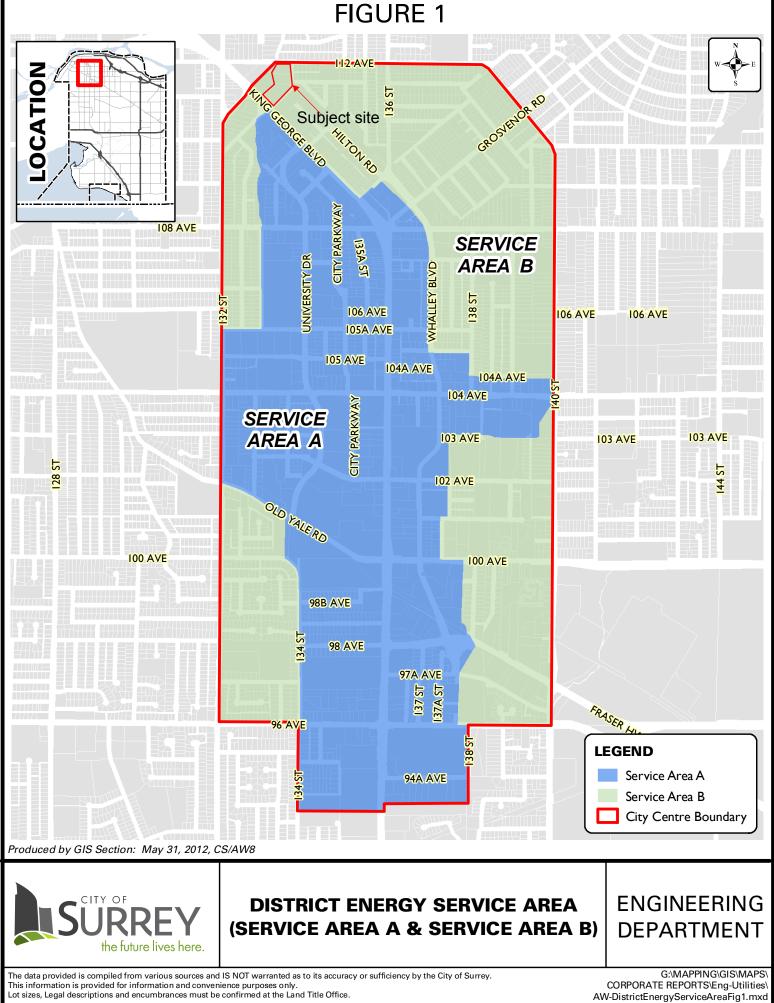
The next Advisory Design Panel is scheduled for Thursday, January 11, 2024.

### E. ADJOURNMENT

The Advisory Design Panel meeting adjourned at 6:47 p.m.

Jennifer Ficocelli, City Clerk

N. Couttie, Chairperson



Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.