

City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7917-0315-00

Planning Report Date: December 21, 2020

PROPOSAL:

- NCP Amendment to introduce a new land use designation: Cluster Residential 15-25 upa
- NCP Amendment from Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m to Cluster Residential 15-25 upa, Linkages, and for changes to the road network and realignment of the Drainage Corridor 5 m
- **Rezoning** from RA to RM-30
- Development Permit
- Development Variance Permit

to permit the development of 194 townhouses.

LOCATION: 16498, 16560, 16578, 16538, 16550,

16528, 16508, 16596 - 24 Avenue

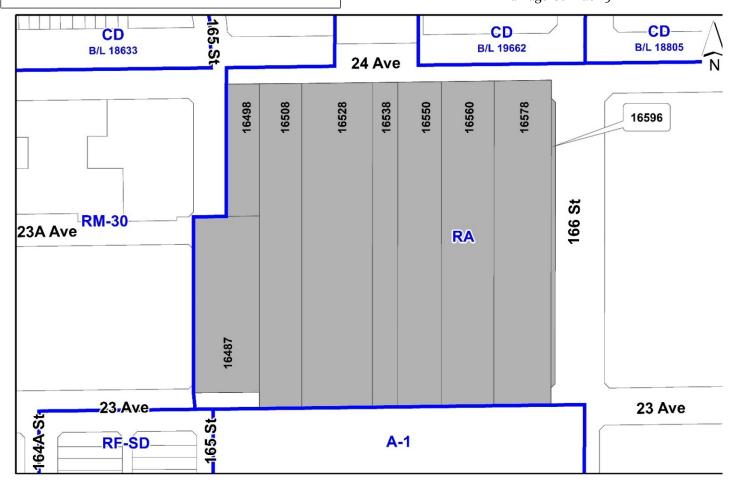
16487 - 23 Avenue,

ZONING: RA

OCP DESIGNATION: Urban

NCP DESIGNATION: Cluster Residential 10-15 upa,

Proposed Flex Road 15 m and Drainage Corridor 5 m



RECOMMENDATION SUMMARY

- Bylaw Introduction and set date for Public Hearing for Rezoning.
- Approval to draft Development Permit for Form and Character.
- Approval for Development Variance Permit to proceed to Public Notification.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- Proposing an amendment to the Sunnyside Heights Neighbourhood Concept Plan (NCP) from Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m to Cluster Residential 15-25 upa, Linkages, and realignment of the Drainage Corridor 5 m.
- Proposing to reduce the setback requirements of the "Multiple Residential 30 Zone (RM-30)".

RATIONALE OF RECOMMENDATION

- The proposal partly complies with the Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m designation in the Sunnyside Heights Neighbourhood Concept Plan (NCP). The proposal does require the introduction of a new Cluster Residential 15-25 upa in the Sunnyside Heights Neighbourhood Concept Plan (NCP) to accommodate the proposed density.
- The proposal complies with the General Urban designation in the Metro Vancouver Regional Growth Strategy (RGS).
- The proposed density and building form are appropriate for this part of Sunnyside Heights.
- The proposal complies with the Development Permit requirements in the Official Community Plan (OCP) for Form and Character.
- The proposed setbacks achieve a more urban, pedestrian streetscape in compliance with the Sunnyside Heights Neighbourhood Concept Plan (NCP) 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 density.
- The proposed buildings achieve an attractive architectural built form, which utilizes high quality, natural materials, and contemporary lines. The street interface has been designed to a high quality to achieve a positive urban experience between the proposed building and the public realm.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. A Bylaw be introduced to rezone the subject site from "One-Acre Residential Zone (RA)" to "Multiple Residential 30 Zone (RM-30)" and a date be set for Public Hearing.
- 2. Council authorize staff to draft Development Permit No. 7917-0315-00 generally in accordance with the attached drawings (Appendix I).
- 3. Council approve Development Variance Permit No. 7917-0315-00 (Appendix VI) varying the following, to proceed to Public Notification:
 - (a) to reduce the minimum west setback of the RM-30 from 4.5 metres to 4.0 metres to the principal building face; and
 - (b) to reduce the minimum south setback of the RM-30 from 4.5 metres to 3.9 metres to the principal building face.
- 4. 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;
 - (e) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
 - (f) the applicant satisfy the deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department;
 - (g) the applicant provide a density bonus amenity contribution consistent with the Tier 2 Capital Projects CACs in support of the requested increased density, to the satisfaction of the General Manager, Planning and Development Department;
 - (h) provision of cash-in-lieu contribution to satisfy the indoor amenity space requirement of the RM-30 Zone, at the rate in effect at the time of Final Adoption;
 - (i) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;

- (j) submission of an acoustical report for the units adjacent to 24 Avenue and registration of a Section 219 Restrictive Covenant to ensure implementation of noise mitigation measures;
- (k) registration of a Section 219 Restrictive Covenant to specifically identify the allowable tandem parking arrangement and to prohibit the conversion of the tandem parking spaces into livable space; and
- (l) 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.
- 5. Council pass a resolution to amend the Sunnyside Heights Neighbourhood Concept Plan (NCP) to introduce a new Cluster Residential 15-25 upa designation, and to redesignate the land from Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m to Cluster Residential 15-25 upa, Linkages, and for changes to the road network and realignment of the Drainage Corridor 5 m when the project is considered for final adoption.

SITE CONTEXT & BACKGROUND

Direction	Existing Use	NCP Designation	Existing Zone
Subject Site	Single family dwellings and vacant land	Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and	RA
		Drainage Corridor 5 m	
North (Across 24 Avenue):	Vacant land, townhouses, and apartments (under construction)	Multi-Use Pathway (8 m SROW), Multi-Family (30-45 upa) and Multi-Family (65 upa)	RA, RM-30 and CD (By-law No. 19662)
East (Across 166 Street):	Metro Vancouver Grandview Reservoir and South Surrey Operations Centre	Civic Utility, Linkages, Buffer and Drainage Corridor 10 m	RA
South (Across 23 Avenue):	Edgewood Park	Park / Open Space	A-1
West (Across 165 Street):	Townhouses	Cluster Residential 10-15 upa, Multiple Residential 15-25 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m	RM-30

Context & Background

• The site is designated Urban in the OCP and Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m in the Sunnyside Heights NCP. The site is comprised of 8 single family properties currently zoned "One-Acre Residential (RA) Zone".

- This 4.1-hectare site is bounded by four roads: 24 Avenue to the north, 23 Avenue to the south, 166 Street to the east and 165 Street to the west. Both 23 Avenue and 165 Street are currently unopened and will be dedicated and constructed as part of this proposal.
- There are two townhouse sites to the west of the property, Edgewood Park to the south, Metro Vancouver Grandview Reservoir and South Surrey Operations Centre to the east and vacant land, townhouses, and apartments (under construction) to the north.

DEVELOPMENT PROPOSAL

Planning Considerations

- The applicant is proposing an amendment to the Sunnyside Heights NCP to introduce a new land use designation: Cluster Residential 15-25 upa and to redesignate the land from Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m to Cluster Residential 15-25 upa, Linkages, and for changes to the road network and realignment of the Drainage Corridor 5 m, and to rezone the site from "One-Acre Residential (RA) Zone" to "Multiple Residential 30 Zone (RM-30)", a Development Permit for Form & Character and a Development Variance Permit for reduced setbacks.
- The proposal is to permit the development of 194 townhouse units, with a proposed Floor Area Ratio (FAR) of 0.74 and unit density of 55.8 units per hectare (22.6 upa). Half (50%) of the units are proposed with a tandem garage arrangement, and the other half with double garages.

	Proposed
Lot Area	
Gross Site Area:	41,260 m ²
Road Dedication:	6,510 m ²
Net Site Area:	34,750 m ²
Number of Lots:	1 lot
Building Height:	12.8 metres
Unit Density: 55.8 units per hectares (22.6 upa)	
Floor Area Ratio (FAR):	0.74
Floor Area	
Residential:	25,553 m ²
Total:	25,553 m ²
Residential Units:	
2-Bedroom:	97
3-Bedroom:	97
Total:	194

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 provided the following projections for

the number of students from this development:

49 Elementary students at Pacific Heights Elementary School 31 Secondary students at Earl Marriott Secondary School

(Appendix III)

Parks, Recreation &

Culture:

The applicant is requested to ensure CPTED principles are

considered on units facing the greenway on 24 Avenue, and to work with Parks on a coordinated design for 23 Avenue, facing Edgewood

Park.

Surrey Fire Department: No concerns.

Advisory Design Panel: The application was not subject to review by the ADP but was

reviewed by staff, including the City Architect, and found

satisfactory.

Transportation Considerations

• Vehicular access to the site is proposed at three locations: two accesses on 166 Street and one access on 165 Street.

• The applicant is required to dedicate and construct 165 Street and 23 Avenue, and there is additional road dedication on 24 Avenue, as follows:

o 24 Avenue: 10.6 metres, which includes a multi-use pathway

o 23 Avenue: 12.8 metres

o 165 Street: 20 metres on the southern half portion of the site

- The Sunnyside Heights NCP identifies a 15-metre wide Flex Road running centrally east-west through the site. As part of the review of this application, staff and the applicant worked to retain several trees along the original road alignment. The road was eliminated in lieu of a pedestrian pathway running parallel to the drainage corridor.
- The Sunnyside Heights NCP also identifies a Linkage along the northern property line of the site. This is accomplished through the dedication of a Multi-Use-Pathway along the south side of 24 Avenue, included in the road dedication requirements, as well as a 4.5-metre setback on the north portion of the site.
- The applicant is required to provide 388 residential parking spaces, and 39 visitor parking spaces, which meets the requirements of the Zoning By-law. The proposal includes half the units (94 units) with double garage arrangement, and half the units (94 units) with tandem garage arrangement. The required 39 visitor parking stalls are proposed to be distributed throughout the site.

Parkland and/or Natural Area Considerations

- The Sunnyside Heights NCP identifies a 5-metres wide drainage corridor running east-west through the site. The drainage corridor was originally anticipated to be parallel to the new road. As part of the review of this application, the applicant and staff worked to retain several trees along the planned road alignment by eliminating the road and maintaining an east-west drainage corridor through the site. This corridor will be protected by a Restrictive Covenant, to ensure the area remains pervious.
- The drainage corridor will also feature a pathway to maintain the planned east-west pedestrian connection through the site.
- The total corridor width varies through the site but maintains a minimum 10 metres in width.

Sustainability Considerations

• The applicant has met all of the typical sustainable development criteria, as indicated in the Sustainable Development Checklist.

POLICY & BYLAW CONSIDERATIONS

Regional Growth Strategy

• The proposal complies with the General Urban designation in the Regional Growth Strategy (RGS).

Official Community Plan

Land Use Designation

• The proposal complies with the Urban designation in the Official Community Plan (OCP). The applicant proposes a unit density of 62 units per hectare. In NCP areas, a density of up to 76 units per hectare is permitted for Urban designated properties located within a Secondary Plan.

Themes/Policies

The proposed development is supported by the following policies in the Official Community Plan:

• A 1.1 Support compact and efficient land development that is consistent with the Metro Vancouver *Regional Growth Strategy* (RGS) (2011).

(The proposal complies with the site's General Urban designation in the RGS).

• A 1.2 Ensure that urban development occurs within the Urban Containment Boundary shown in Figure 17.

(The proposal is within the Urban Containment Boundary and within a planned Neighbourhood Concept Plan).

• A 3.4 Retain existing trees and natural and heritage features in existing neighbourhoods, where possible, in order to preserve neighbourhood character and ecology.

(Efforts have been made to retain groups of significant trees along the drainage corridor alignment, in the southwest portion of the site and smaller groups in other areas of the site).

 B 4.6 Direct higher residential densities to locations within walking distance of neighbourhood centres, along main roads, near transit routes and adjacent to major parks or civic amenities.

(There is a transit route on the abutting 24 Avenue, which is an arterial road, and a park directly across the street to the south, on 23 Avenue).

• B 4.7 Design housing units to front directly onto public streets and/or public spaces, in order to facilitate a safe, welcoming, public streetscape and public realm.

(The proposal is bounded by 4 streets, and units face the streets on all streets).

 B 4.29 Where necessary, provide pedestrian connections mid-block or through private and/or strata developments to facilitate neighbourhood access to transit stops, shops, local services and amenities. Connect on-site pathways on private property with public walkways and streets.

(A public pathway is proposed that will run east-west through the site in lieu of the originally planned road connection, in an effort to retain a significant number of trees while still preserving pedestrian connectivity).

• B 6.1 Ensure high-quality and sustainable urban design through the implementation of Development Permit Areas and Guidelines, as set out in DP1 Of the Implementation Section of this Official Community Plan.

(The proposal follows the DP1 quidelines for Form & Character Development Permit).

- B 6.4 Ensure new development responses to the existing architectural character and scale of its surroundings, creating compatibility between adjacent sites and within neighbourhoods.
- B 6.6 Design buildings to enhance the activity, safety and interest of adjacent public streets, plazas, and spaces (...).

(The proposal is consistent with other developments in the neighbourhood regarding building character, scale and setbacks, and has units facing all four streets and providing active frontage for Edgewood Park to the south, and the South Surrey Operations Centre to the east).

- C 2.7 Consider modifying infrastructure requirements to respond specifically to special considerations such as crossing riparian areas or significant tree retention.
- C 2.15 Reduce the impacts of transportation infrastructure on the natural environment including watercourses, vegetation, trees, agriculture and conservation lands by: (...) –

Modifying road layouts and cross sections, where feasible, to protect significant trees and natural areas.

(The east-west road that was originally planned in the NCP has been eliminated in an effort to retain trees along the corridor. Pedestrian connectivity has been maintained through a public pathway through the proposed development).

- D 1.7 Develop and implement strategies for protecting and enhancing biodiversity throughout Surrey, such as: (...) Retaining and protecting significant trees and undisturbed natural vegetation areas through the development process and the implementation of *Surrey's Tree Protection By-law* (as amended) and other regulatory by-laws to achieve the City's conservation objectives; Encourage the clustering of development to achieve conservation objectives; (...).
- D 3.3 Maximize the retention of existing native vegetative cover on development sites to help provide environmental benefits by controlling development-cause erosion and runoff.

(The proposal includes over 30% of the site as open space and the retention of significant groups of trees, for a total of 72 retained trees, representing 24% tree retention [excluding Alders and Cottonwoods]).

Secondary Plans

Land Use Designation

- The applicant is proposing an amendment to the Sunnyside Heights NCP to introduce a new land use designation: Cluster Residential 15-25 upa and to redesignate the land from Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m to Cluster Residential 15-25 upa, Linkages, and for changes to the road network and realignment of the Drainage Corridor 5 m.
- The proposal partly complies with the Cluster Residential 10-15 upa, Linkages, Proposed Flex Road 15 m and Drainage Corridor 5 m designation in the Sunnyside Heights Neighbourhood Concept Plan (NCP). The proposal maintains the Linkages that are shown, realigns the Drainage Corridor 5 m, and provides 30% of green space and significant tree retention which is consistent with the objectives of the NCP.
- The proposed amendments include the elimination of an east-west Flex Road, and to redesignate the site to from Cluster Residential 10-15 upa to Cluster Residential 15-25 upa, which necessitates the introduction of a new NCP designation of Cluster Residential 15-25 upa.

Amendment Rationale

- The elimination of the road allows for retention of several good quality trees along the original road alignment.
- Over 30% of the site is proposed to be retained as green space, as was the intent under the original Cluster Residential 10-15 upa designation. However, the overall unit density on the

site is proposed to be 23 units per acre, which cannot be accommodated under the current designation.

- The new designation will allow for 30% of the site to be retained as green space which will include significant tree retention, with an overall unit density of 15-25 units per acre, which is consistent with the unit density that is being proposed or achieved on other developments in the area.
- The applicant has agreed to provide a density bonus amenity contribution consistent with the Tier 2 Capital Projects CACs in support of the requested increased density. The amount will be confirmed prior to Final Adoption.

Themes/Objectives

• The NCP Cluster Designation locations were determined by the high value tree stand locations in the plan area. Through the Cluster Residential Designation, properties will be required to protect between 30% and 40% Open Space. In exchange, the density from the land provided for open space will be transferred to the remaining portion of the development, thus allowing for a higher net density.

(The proposal includes over 30% open space and the retention of significant groups of trees, for a total of 69 retained trees, representing 24% tree retention [excluding Alders and Cottonwoods]).

Land consolidation areas have been identified in the NCP to help advise future developers of
the consolidation requirement, to ensure compatibility and feasible development areas, and to
achieve an equitable distribution of road dedication and construction costs amongst
properties.

(The proposal achieves the required land consolidation for a feasible and equitable development).

- Design Principles:
 - Sense of Place & Identity:
 - Principle #1: Maintain community identity and character through the retention, wherever possible, of trees and vegetation of environmental significance, integration of heritage features into design and identification of places, respect for ALR, and protection of key view corridors of mountains and water at the viewpoints along the Grandview Ridge Trail.

(The proposal proposes significant tree retention with 70 trees proposed for retention and over 30% of the site as open space).

• Principle #2: Design spaces for gathering that are accessible, provide amenities (public art, benches etc.) and promote social interaction.

(The proposal includes seating areas at all four corners of the site, as well an east-west pathway with accessible amenities through the site).

o Natural Environment:

 Principle #3: Enhance the natural environment through maximum retention of valuable trees and natural areas, clustering of development and promoting natural drainage systems.

(The proposal includes significant tree retention with 70 trees proposed for retention and over 30% of the site to be set aside as open space. The proposal also allows for the east-west drainage corridor shown in the NCP to be achieved).

Livability & Connection:

 Principle #5: Promote a healthy community by development of a highly walkable community with pedestrian networks interconnecting with trails, parks, and corridors.

(The proposal includes the dedication for a multi-use pathway along the south side of 24 Avenue, as well as a pedestrian east-west connection through the site, adjacent to the drainage corridor).

 Principle #7: Provide a range of housing types, densities, and forms to allow a range of housing choices for people across the spectrum of income, ability, family type and age.

(The proposal includes 50% tandem garage and 50% double garage units, with all the double garage units being 3-bedroom units and all the tandem units being 2-bedroom units).

Safety:

- Principle #8: Support crime reduction by using CPTED practices in design considerations for all developments.
- Principle #9: Enhance public safety and promote social interaction in neighbourhoods, by designing dwellings to provide "eyes on the public realm".

(The proposal has units facing all streets and several pathways running through the site to increase visual surveillance).

Zoning Bylaw

- The applicant proposes to rezone the subject site from "One-Acre Residential Zone (RA)" to "Multiple Residential 30 Zone (RM-30)".
- The table below provides an analysis of the development proposal in relation to the requirements of the Zoning Bylaw, including the "Multiple Residential 30 Zone (RM-30)" and parking requirements.

RM-30 Zone (Part 22)	Permitted and/or Required	Proposed

RM-30 Zone (Part 22)	Permitted and/or Required	Proposed
Unit Density:	75 dwellings units per hectare	61 dwelling units per hectare
	(30 upa)	(25 upa)
Floor Area Ratio:	1.00	0.81
Lot Coverage:	45%	40%
Yards and Setbacks		
North:		4.6 m
East:		4.5 m
South:	4.5 m	3.96 m (DVP)
West:		4.0 m (DVP)
Height of Buildings		
Principal buildings:	13 m	12.8 m
Accessory buildings:	11 m for amenity buildings and 4.5 m for all other buildings	7.3 m amenity building
Amenity Space		
Indoor Amenity:	3 m² per unit = 582 m²	The proposed 324 m² + CIL of \$129,000 meets the Zoning Bylaw requirement. (amount to be revised, and payable at the rate in effect at the time of Final Approval)
Outdoor Amenity:	3 m ² per unit = 582 m ²	The proposed 726 m² exceeds the Zoning Bylaw requirement.
Parking (Part 5)	Required	Proposed
Number of Stalls		
Residential:	2 per unit = 388	388
Residential Visitor:	o.2 per unit = 39	39
Total:		427
Tandem (%):	50%	50 % (97 units)
Bicycle Spaces	1	
Residential Visitor:	n/a	1 bike rack next to the indoor amenity space

Setback Variances

- The applicant is requesting the following variances:
 - (a) to reduce the minimum west setback of the RM-30 from 4.5 metres to 4.0 metres to the principal building face; and
 - (b) to reduce the minimum south setback of the RM-30 from 4.5 metres to 3.9 metres to the principal building face.
- The proposed setbacks on the western portion of the site are for two buildings, to help accommodate tree protection zones within the site.

- The proposed setback on the southern portion is for one unit only, on the southwest portion of the site, white the remainder of the units on 23 Avenue setback 4.5 metres.
- Staff support the requested variances to proceed for consideration.

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.
- The proposed development will be subject to the Tier 1 Capital Plan Project CACs. The contribution rates will be introduced based on a three-phase schedule, with rates increasing as of January 1, 2021. The proposed development will be required to pay the rates that are applicable at the time of Building Permit issuance.
- The proposed development will also be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the Secondary Plan designation.
- The applicant will be required to provide a cash contribution in order to satisfy the proposed Secondary Plan Amendment. The applicable contribution will be confirmed prior to Final Adoption of the Rezoning By-law.

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 0.25% 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 December 04, 2019, and the Development Proposal Signs were installed on March 27, 2020. Staff received 1 response from neighbour who was seeking information on the proposal.
- The subject development application was reviewed by the Grandview Heights Stewardship Association and the Little Campbell Watershed Society. The Little Campbell Watershed Society has provided the following comments:

We support retaining as much of the native arboreal biomass as possible and having room to allow for as much canopy restoration over time as possible.

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 Sunnyside Heights Neighbourhood Concept Plan (NCP).
- The proposed development generally complies with the Form and Character Development Permit guidelines in the OCP and the design guidelines in the Sunnyside Heights Neighbourhood Concept Plan (NCP).
- The applicant has worked with staff to address tree preservation and grading concerns, resulting in a good public realm interface.
- The proposed 194 ground-oriented townhouse units will be comprised of 97, 3-bedroom, double garage units, and 97, 2-bedroom tandem units, located within 33 buildings. These buildings will have between 2 and 10 units in each building.
- Each unit has a distinct entry and unique visual identities. The variation of exterior finishes
 and horizontal and vertical rhythms reinforces the distinctness of each unit. The proposed
 development is comprehensively designed and is appropriate in scale and density to the
 existing neighbourhood context. The units have been organized to respond to the street
 frontages.
- Building materials include hardie and vinyl siding, as well as brick veneer. The colour scheme is shades of grey, beige and brown.

Landscaping

- Landscaping is provided along all property lines and incorporates the 72 trees proposed for retention. Landscaping is also provided between buildings and at the site entrances.
- There are several internal walkways to connect the buildings and the outdoor spaces.
- The new trees on the site will consist of a variety of trees including Vine Maple, Bowhall Red Maple, Japanese Maple, Jacquemontii Birch, Red Bud, Satomi Dogwood, Shrubby Althea, Galaxy Magnolia, Mount Fuji Cherry, Red Oak, Laceleaf Sumac, Japanese Snowbell, Douglas Fir, Serbian Spruce and Emerald Green Cedar, as well as a variety of shrubs.

Indoor Amenity

- The Zoning By-law requires a minimum of 3 square metres per unit of indoor amenity space, for a total of 582 square metres. The applicant proposes to provide 324 square metres of built indoor amenity space and provide a cash-in-lieu contribution for the remainder, as permitted in the Zoning By-law.
- The contribution will be approximately \$129,000 and will be payable at the rate in effect at the time of Final Adoption.
- The amenity building is proposed in the central-west portion of the site, close to one of the entrances, adjacent to the drainage corridor and the outdoor amenity space. It is a two-storey building, with three visitor stalls nearby and a large green space.
- The amenity space is proposed with a kitchen, lounge space and accessible bathroom proposed on each floor. The lower floor also accommodates the mailroom and a patio.

Outdoor Amenity

- The Zoning By-law requires a minimum of 3 square metres per unit, for a total of 582 square metres. The applicant proposes to provide 726 square metres of outdoor amenity space.
- The outdoor amenity space is located throughout the site, taking advantage of the green spaces between trees, mainly along the east-west treed drainage corridor central to the site.
- The outdoor amenity includes a gathering space with a firepit just east of the indoor amenity space, and continues east with a sandpit play area, a children's active area, and an outdoor gym with some equipment and some resting areas with benches. There are also seating areas at all four corners of the property.

Outstanding Items

- There are a limited number of Urban Design items that remain outstanding, and which do not affect the overall character or quality of the project. These generally include the resolution of grading and street interface along the northwest portion of the site.
- The applicant has been provided a detailed list identifying these requirements and has agreed to resolve these prior to Final Approval of the Development Permit, should the subject application be supported by Council.

TREES

• Jeff Ross, ISA Certified Arborist of Mike Fadum and Associates Ltd. prepared an Arborist Assessment for the subject property. The table below provides a summary of the tree retention and removal by tree species:

Table 1: Summary of Tree Preservation by Tree Species:

Tree Species	Existing	Remove	Retain			
Alder and Cottonwood Trees						
Alder / Cottonwood	153	152	1			
Deciduous Trees						
	g Alder and Cotton	wood Trees)				
Almond	1	1	0			
Apple	3	3	0			
Beech, European	1	0	1			
Birch, Paper	10	9	1			
Cherry, Bitter	1	1	0			
Cherry, Japanese	2	2	0			
Cherry	6	6	0			
Dogwood, Pacific	1	1	0			
Dogwood, Variegated	1	1	0			
Horsechestnut	1	1	0			
Maple, Bigleaf	26	22	4			
Maple, Vine	1	1	0			
Magnolia	1	1	0			
Oak, Pin	1	1	0			
Walnut, English	2	2	0			
	Coniferous Tree	s				
Cedar, Western Red	54	45	9			
Cedar, Deodar	1	1	0			
Cedar, Zabrina	1	1	0			
Cypress, Lawson	2	2	0			
Cypress, Sawara	8	8	0			
English Holly	2	2	0			
Western Hemlock	7	7	0			
Douglas Fir	140	86	54			
Pine, Black	1	1	0			
Redwood, Giant	1	1	0			
Spruce, Norway	1	1	0			
Spruce, Sitka	2	2	0			
Yew, Pacific	1	1	О			
Fotal (excluding Alder and			_			
Cottonwood Trees)	279	210	69			
Total Replacement Trees Proposed (excluding Boulevard Street Trees)	1	377				
Total Retained and Replacement T	rees	447				
Contribution to the Green City Fu	nd	\$78,000				

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- The Arborist Assessment states that there is a total of 279 mature trees on the site, excluding Alder and Cottonwood trees. 153 existing trees, approximately 35 % of the total trees on the site, are Alder and Cottonwood trees. It was determined that 70 trees can be retained 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.
- The proposed alignment of the sidewalk on 165 Street and 23 Avenue was altered in order to maximize tree preservation on the site.
- 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, and a 2 to 1 replacement ratio for all other trees. This will require a total of 572 replacement trees on the site. Since only 377 replacement trees can be accommodated on the site, the deficit of 195 replacement trees will require a cash-in-lieu payment of \$78,000, representing \$400 per tree, to the Green City Fund, in accordance with the City's Tree Protection Bylaw.
- Some individual trees were retained, and there was an effort to retain large stands of trees together, particularly in the central and southern portion of the site.
- In summary, a total of 447 trees are proposed to be retained or replaced on the site with a contribution of \$78,000 to the Green City Fund.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Survey Plan, Site Plan, Building Elevations and Landscape Plans

Appendix II. Engineering Summary
Appendix III. School District Comments

Appendix IV. Summary of Tree Survey and Tree Preservation

Appendix V. NCP Plan

Appendix VI. Development Variance Permit No. 7917-0315-00

approved by Shawn Low

Jean Lamontagne General Manager Planning and Development

LFM/cm

Appendix I



STREET SCAPE - NORTH (24 AVENUE)

SCALE : I" = 30'-0"



STREET SCAPE - NORTH (24 AVENUE)

SCALE : I" = 30'-0"

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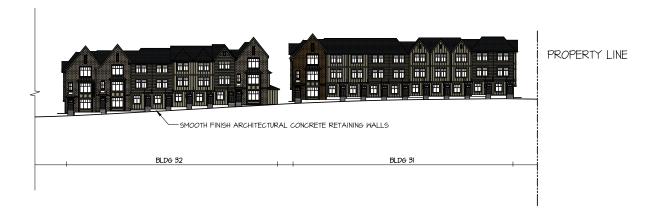
UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8
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CLIENT NO.	AC-I.ID
PROJECT NO.	REV. NO.
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STREET SCAPE - SOUTH (23 AVENUE)

SCALE : I" = 30'-0"



STREET SCAPE - SOUTH (23 AVENUE)

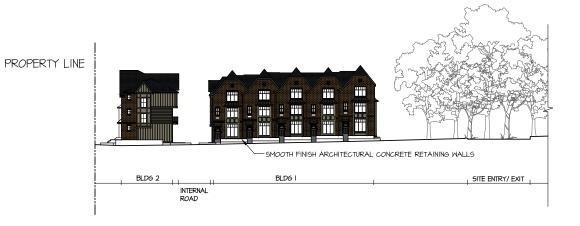
SCALE : I" = 30'-0"

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PROJECT NO.	REV. NO.
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STREET SCAPE - WEST (165 STREET)

SCALE : I" = 30'-0"



STREET SCAPE - WEST (165 STREET)

5CALE : I" = 30'-0"

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CLIENT NO.	AC-I.IF
PROJECT NO.	REV. NO.
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DEVELOPMENT DATA

GROSS SITE AREA: 444/06 S.F. 10.145 AC 4.126 HA
ROAD DEDICATION: 70/026 S.F. 16/08 AC 0.651 HA
NET SITE AREA: 314/080 S.F. 8.581 AC 3.415 HA

MULTI-USE PATHWAY &

DRAINAGE CORRIDOR AREA: 34,754 S.F. 0.748 AC 0.323 HA

DENSITY: 22.6 U.P.A 61.5 U.P.HA. (194 UNITS) F.A.R. 0.74 (275,051 S.F.) (25,553 m2)

SITE COVERAGE: 36%

BUILDING HEIGHT: 12.8 m

AMENITY:

REQUIRED:

INDOOR: 194 x 3m2/UNIT = 582 m2 (6,265 S.F.)
OUTDOOR: 194 x 3m2/UNIT = 582 m2 (6,265 S.F.)

PROVIDED:

INDOOR: 324.2 m2 (3,490 S.F.) OUTDOOR: 726.2 m2 (7,817 S.F.)

(NOT INCLUDING MUP & TPZ & DRAINAGE & SETBACKS)

OUTDOOR AMENITY OUTSIDE TPZ AND INSIDE SETBACKS:

1897.9 m2 (20,429 S.F.) (AREA HATCHED ON THE PLAN)

AMENITY BUILDING HEIGHT: 7.26 m

SETBACKS:

NORTH: 4.57m SOUTH: 3.96m EAST: 4.5m WEST: 4.0m

PARKING:

REQUIRED :

RESIDENTIAL: 194 UNITS x 2 = 388 SPACES VISITOR: 194 UNITS x 0.2 = 38.8 SPACES

PROVIDED:

RESIDENTIAL: 388 SPACES

VISITOR: 39 SPACES

71 TANDEM GARAGE UNITS 25 B UNITS 47 DOUBLE GARAGE UNITS 47 C UNITS 194 UNITS 194 UNITS

GREEN SPACE:

119,585 S.F. 36%

INITE SIMMARY .

UNIT	UNIT AREA	NO. OF UNITS	TOTAL AREA
A	1,530	22	33,660
A1	1,574	5	7,870
A2	1,544	5	7,720
A3	1,544	4	6,176
A4	1,580	4	6,320
A5	1,640	3	4,920
A6	1,590	1	1,590
A7	1,620	1	1,620
A8	1,740	1	1,740
A9	1,618	1	1,618
A10	1,631	1	1,631
A11	1,546	6	9,276
A12	1,595	5	7,975
A13	1,573	3	4,719
A14	1,667	6	10,002
A15	1,696	2	3,392
A16	1,717	2	3,434
В	1,502	16	24,032
B1	1,527	1	1,527
B2	1,543	2	3,086
B3	1,504	3	4,512
B4	1,508	3	4,524
С	1,261	43	54,223
C1	1,277	4	5,108
C2	1,261	22	27,742
C3	1,305	2	2,610
C4	1,305	7	9,135
C5	1,260	10	12,600
C6	1,318	1	1,318
C7	1,268	2	2,536
C8	1,260	4	5,040
C9	1,268	1	1,268
C10	1,277	1	1,277
TOTAL RE	SIDENTIALA	REA	274,201
ELECTRIC	ALROOMS/ C	LOSETS	850
TOTAL F.	A.R. AREA		275,051
TOTAL F.			2/5,051

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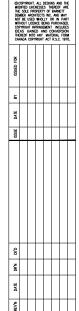
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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

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PROJECT NO. 16072	REV. NO.





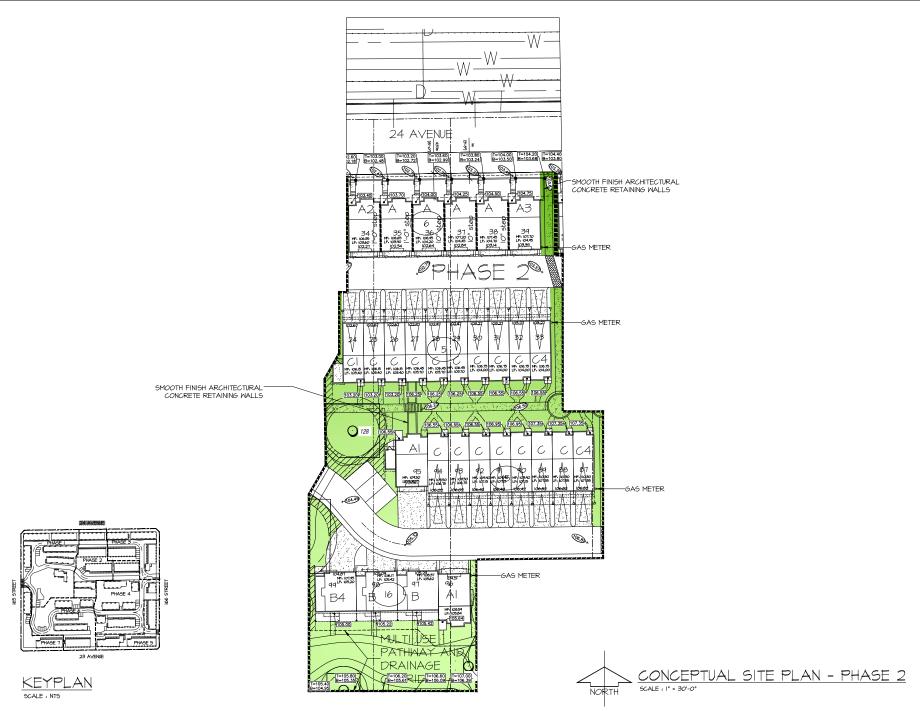
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barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

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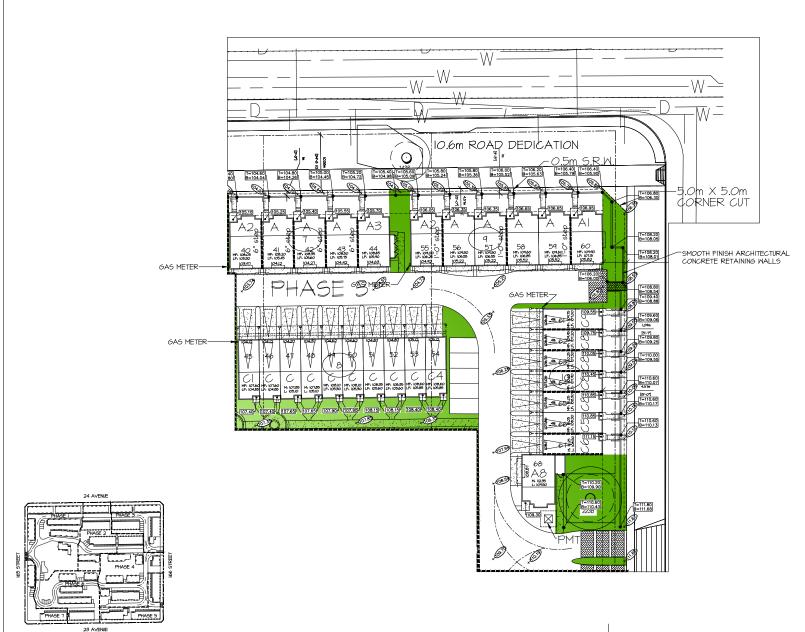
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CLIENT: HJMMINGBIRD PROPERTIES - DP 11-0315-00 PESON: (GRANDNIFW IT)		PROJECT : TOWINHOUSE DEVELOPMENT	1649b, 16508/28/38/50/60/19 24TH AVE. ¢ 16481 23 AVE, SURREY	SHEET CONTENTS .	CONCEDENTAL SITE OF AN - DUAGE 2	A MONTH I THE PART I T

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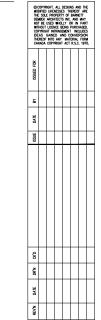
UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

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KEYPLAN

SCALE : NTS





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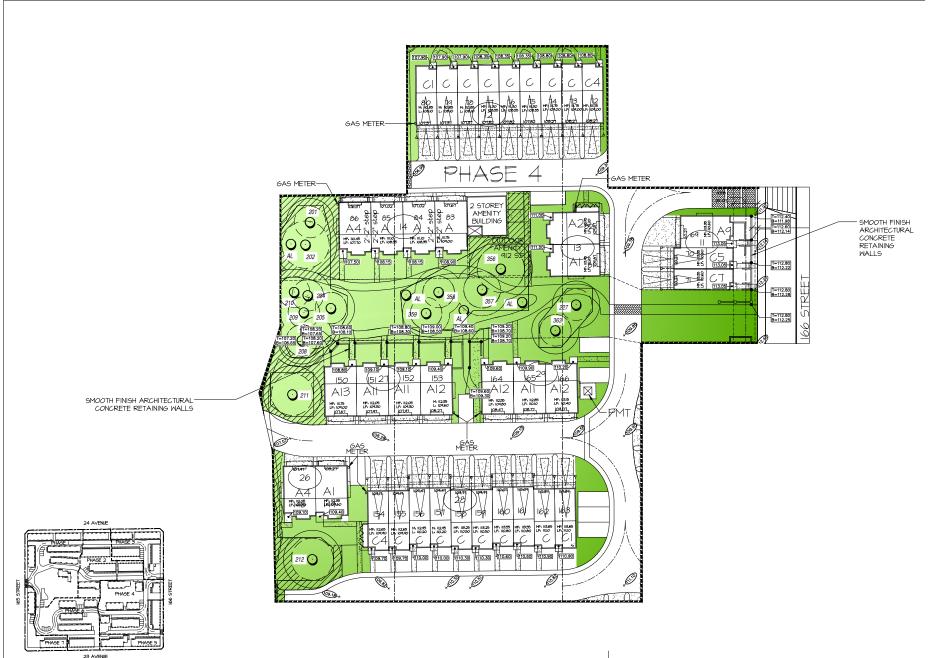
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barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

CLIENT NO.	SHEET NO.
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PROJECT NO.	REV. NO.
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SCALE : NTS



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CLIENT: HJMMINGBIRD PROPERTIES - DP 17-0315-00 (GRANDVIEWLTD.)		PROJECT : TOWINHOUSE DEVELOPIMENT	16498, 16508/28/38/50/60/T8 24TH AVE. ¢ 16487 23 AVE., SURREY	CHEET CONTENTS -	F HIGH TAY NO HOLD TO COMMISSION OF THE PARTY OF THE PART	+ 30ALL - NAT - 316 TWO - 120AA

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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

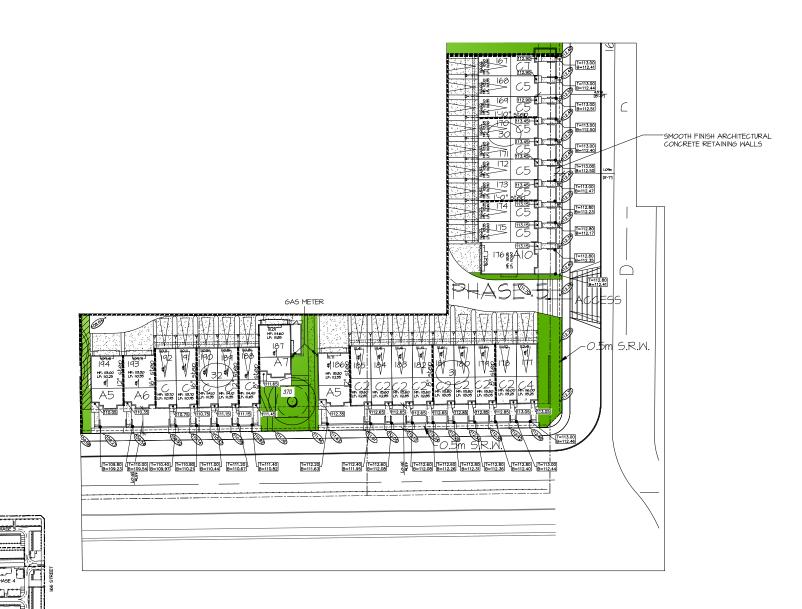
PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

CONCEPTUAL SITE PLAN - PHASE 4

SCALE : I" = 30'-0"

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CLIENT NO.	SHEET NO. AC-1.5
PROJECT NO. 16072	REV. NO.









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QLENT: HJMMINGBIRD PROPERTIES - DP 11-0315-00 PESON (GRANDMEWITD)		PROJECT : TOWINHOUSE DEVELOPMENT	1649b, 1650b/26/36/50/60/16 24TH AVE. ¢ 1648T 29 AVE, SIRREY	SHEET CONTENTS .	Supplied and the supplied of t	CONCELION STEP STORY

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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

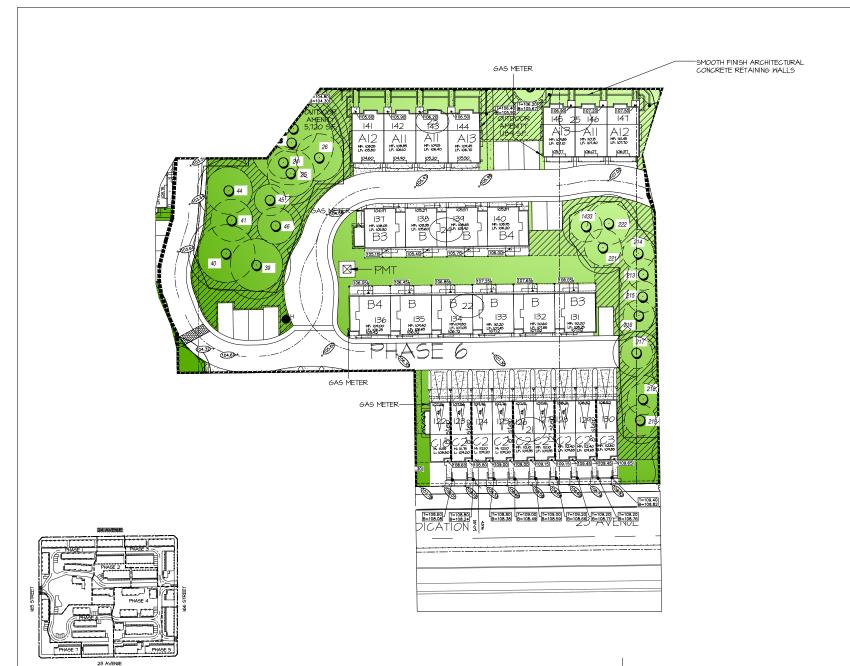
PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

CLIENT NO.	SHEET NO.
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PROJECT NO.	REV. NO.
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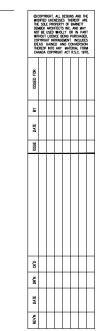
24 AVENUE

23 AVENUE



KEYPLAN

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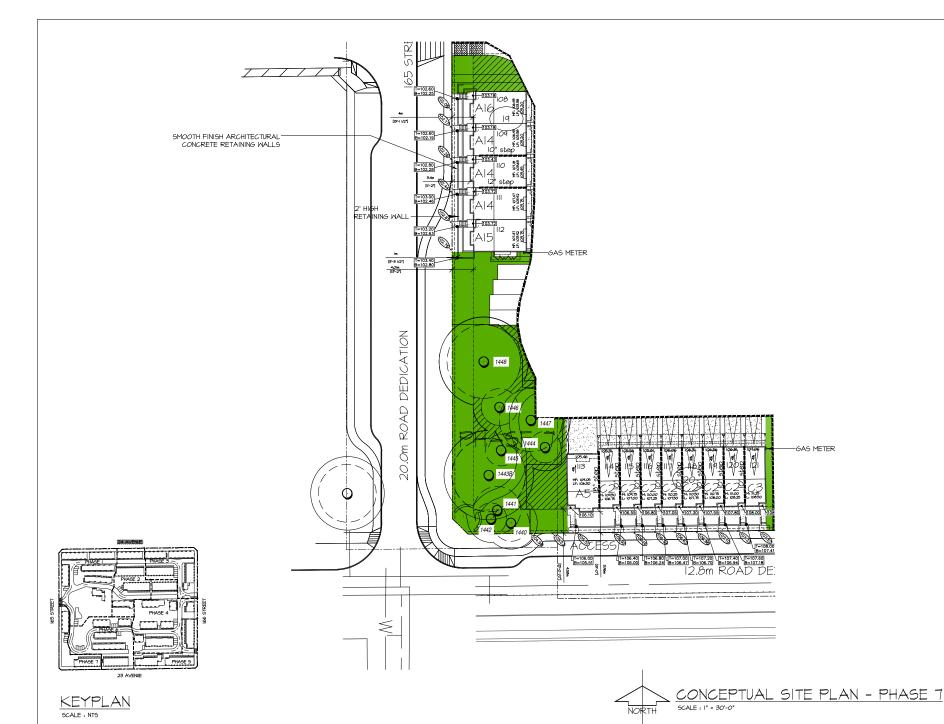
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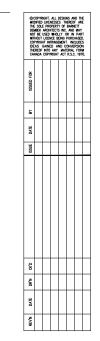
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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

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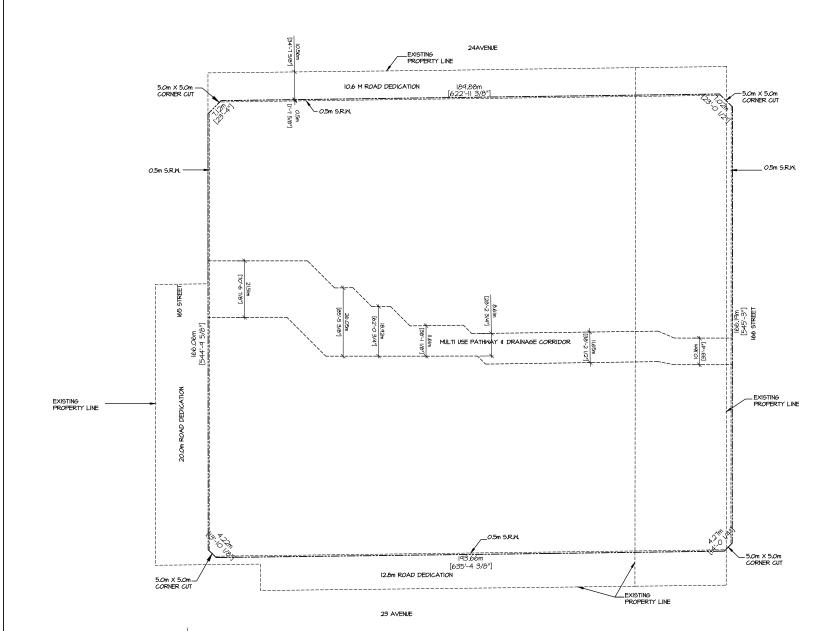
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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

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PROJECT NO.	REV. NO.
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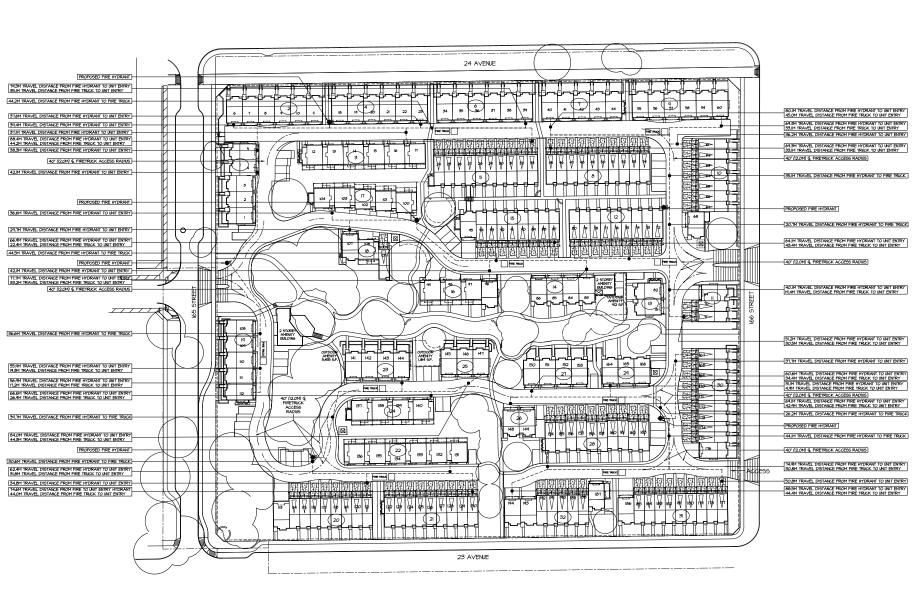
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CLIENT NO.	SHEET NO. AC-1.9
PROJECT NO. 16072	REV. NO.



FIRE DEPARTMENT SITE PLAN

SCALE : I" = 40'-0"

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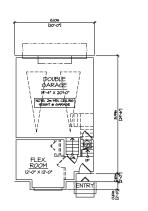
윤 HUMMINGBIRD PROPERTIES (GRANDVIEW LTD.) **DEVELOPMENT** TOWNHOUSE

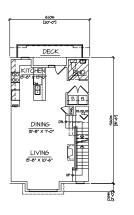
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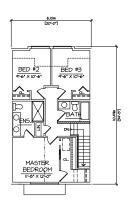
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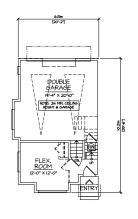
UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

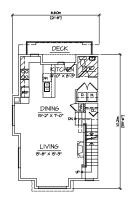
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PROJECT NO.	REV. NO.
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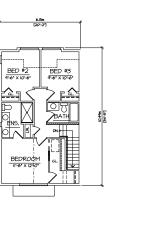












LOWER FLOOR PLAN 215 S.F. SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN 63I S.F. SCALE : 1/8" = 1'-0"

UPPER FLOOR PLAN 684 S.F. SCALE : 1/8" = 1'-0"

LOWER FLOOR PLAN 217 S.F. SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN

652 S.F. SCALE : 1/8" = 1'-0"

UPPER FLOOR PLAN

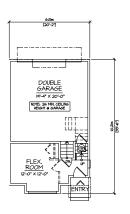
705 S.F. SCALE : 1/8" = 1'-0"

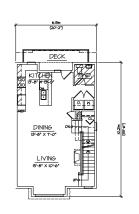
TOTAL AREA: 1,574 S.F. NOT INCLUDING GARAGE

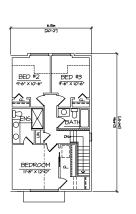
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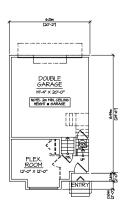
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TOTAL AREA: 1,530 S.F. NOT INCLUDING GARAGE AREAS

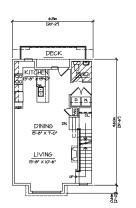


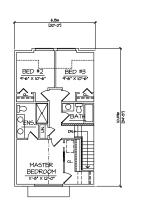






SCALE : 1/8" = 1'-0"





LOWER FLOOR PLAN 217 S.F. SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0"

637 S.F.

UPPER FLOOR PLAN 690 S.F. SCALE : 1/8" = 1'-0"

TOTAL: 1544 S.F. (INCLUDING BASEMENT)

LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 217 S.F.

MAIN FLOOR PLAN

637 S.F.

UPPER FLOOR PLAN

690 S.F.

TOTAL AREA: 1544 S.F. NOT INCLUDING GARAGE AREAS

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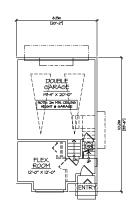
barnett dembek

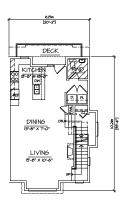
HUMMINGBIRD PROPERTIES - DP (GRANDVIEW LTD.)

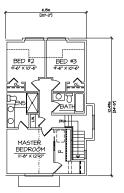
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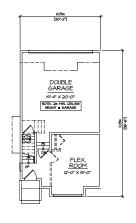
TOWINHOUSE DEVELOPMENT
MARK, INSORIZBOSPONDOTO 24TH AVE. 4 MARS

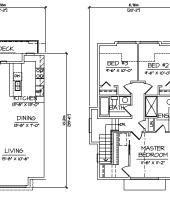
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PROJECT NO.	REV. NO.
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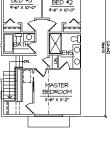












LOWER FLOOR PLAN 217 S.F. SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 655 S.F. UPPER FLOOR PLAN 708 S.F. SCALE : 1/8" = 1'-0"

LOWER FLOOR PLAN 277 S.F. SCALE : 1/8" = 1'-0"

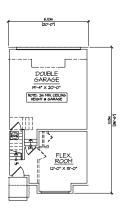
MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 655 S.F.

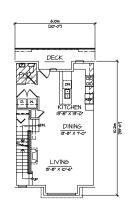
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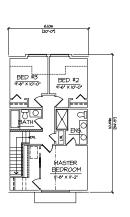
UPPER FLOOR PLAN SCALE : 1/8" = 1'-0" 708 S.F.

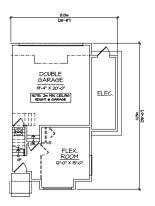
TOTAL AREA: 1,640 S.F. NOT INCLUDING GARAGE AREAS

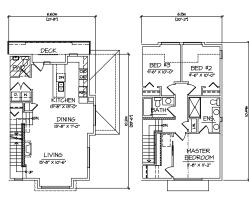
TOTAL AREA: 1,580 S.F. NOT INCLUDING GARAGE











LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 275 S.F.

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 63I S.F.

UPPER FLOOR PLAN SCALE : 1/6" = 1'-0" 684 S.F.

TOTAL AREA: 1,590 S.F. NOT INCLUDING GARAGE AREAS

Α6

LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 278 S.F.

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 652 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0" 690 S.F.

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8 PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

SHEET NO.

REV. NO.

AC-2.2

barnett dembek

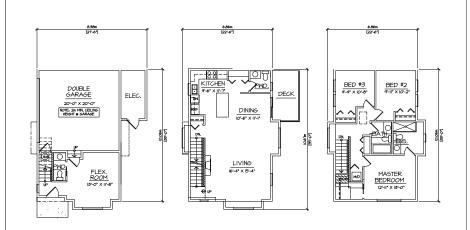
HUMMINGBIRD PROPERTIES - DP (GRANDVIEW LTD.)

CLENT:

TOWNHOUSE DEVELOPMENT 1649, 16506/28/38/30/80/19 24TH AME. 1 1849

TOTAL AREA: 1,620 S.F. NOT INCLUDING GARAGE AREAS

	EMAIL: mail
T	CLIENT NO.
	PROJECT NO.
	16072



MAIN FLOOR PLAN

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

TOTAL AREA: 1,740 S.F. NOT INCLUDING GARAGE AREAS

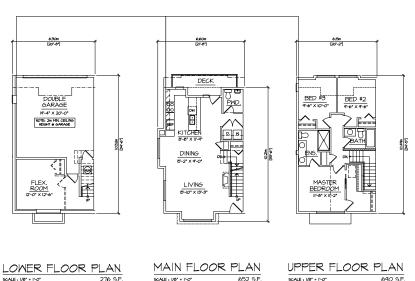
743 S.F.

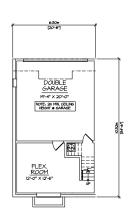


723 S.F.

UPPER FLOOR PLAN

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





LOWER FLOOR PLAN

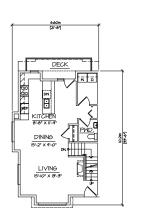
284 S.F.

SCALE - 1/8" = 1'-0"

LOWER FLOOR PLAN

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

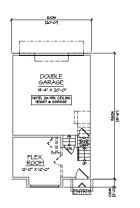
274 S.F.



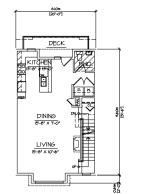


MAIN FLOOR PLAN SCALE - 1/8" = 1'-0" 652 S.F. UPPER FLOOR PLAN SGALE - 1/8" = 1'-0" 690 SE

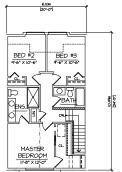
TOTAL AREA: 1,631 S.F. NOT INCLUDING GARAGE











UNIT

barnett dembek UPPER FLOOR PLAN

684 S.F.

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

TOWNHOUSE DEVELOPMENT 1649, 16506/28/36/30/10/10

HUMMINGBIRD PROPERTIES - DP 17-0315-00 (GRANDVIEW LTD.)

CLENT:

PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

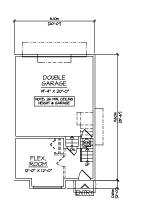
CLIENT NO. SHEET NO. AC-2.3 PROJECT NO. REV. NO. 16072

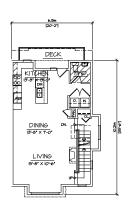
NOT INCLUDING GARAGE AREAS

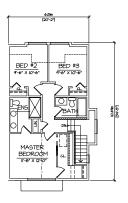
SCALE : 1/8" = 1'-0"

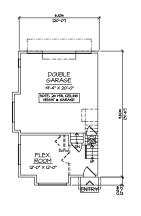
TOTAL AREA: 1,546 S.F.

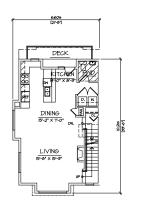
	LIVING B-G/X B-9	MASTER BEDROOM INDIVIDUAL		
			5	
FLOOR PLAN	MAIN FLOOR PLAN	UPPER FLOOR PLAN	88.	
276 S.F.	SCALE , 1/8" = 1'-0" 652 S.F.	SCALE : 1/8" = 1'-0" 690 S.F.	DATE	
			N.S.	П
		REA: 1618 S.F. UNIT A9		

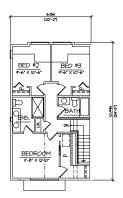












LOWER FLOOR PLAN 232 S.F. SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 655 S.F.

TOTAL AREA: 1,595 S.F.

NOT INCLUDING GARAGE

UPPER FLOOR PLAN 708 S.F. SCALE : 1/8" = 1'-0"

UNIT AI2

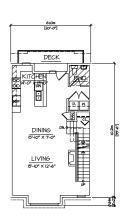
LOWER FLOOR PLAN 232 S.F. SCALE : 1/8" = 1'-0"

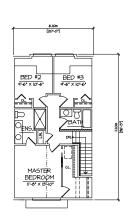
MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 652 S.F. UPPER FLOOR PLAN SCALE : 1/8" = 1'-0" 690 S.F.

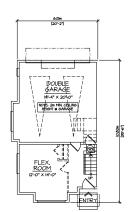
TOTAL AREA: 1,573 S.F. NOT INCLUDING GARAGE AREAS

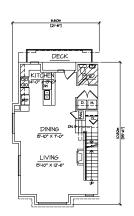
UNIT AI3

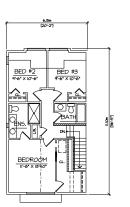
DOUBLE GARAGE NOTE: 2m MIN, CEILING HEIGHT & GARAGE FLEX. ROOM 12'-0' X 14'-0'











LOWER FLOOR PLAN 272 S.F.

ENTRY

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 671 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0" 724 S.F. LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 274 S.F. MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 692 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0" 730 S.F.

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8 PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

barnett dembek

CLIENT NO. SHEET NO. AC-2.4 PROJECT NO. REV. NO. 16072

HUMMINGBIRD PROPERTIES - DP (GRANDVIEW LTD.)

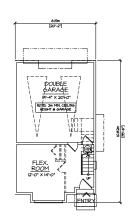
CLENT:

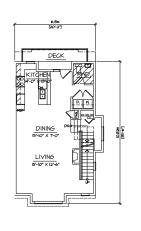
TOWNHOUSE DEVELOPMENT 1649, 1650/280805006078 24TH AVE. 1 1649

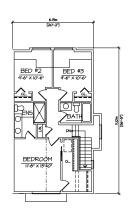
TOTAL AREA: 1,667 S.F. NOT INCLUDING GARAGE AREAS

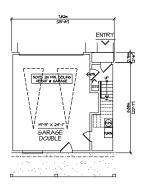
TOTAL AREA: 1,696 S.F. NOT INCLUDING GARAGE

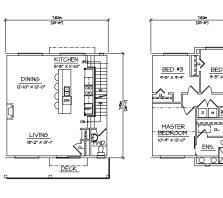
AREAS

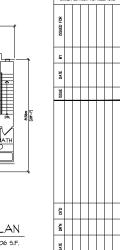












LOWER FLOOR PLAN SCALE : 1/8" = 1'-0"

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 695 S.F.

TOTAL:

(INCLUDING BASEMENT)

1717 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0"

LOWER FLOOR PLAN 127 S.F.

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 669 S.F.

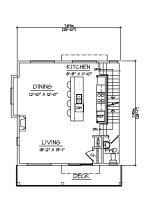
UPPER FLOOR PLAN SCALE : 1/8" = 1'-0"

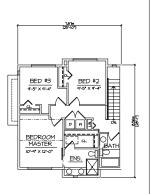
706 S.F.

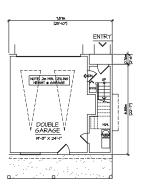
BED #2

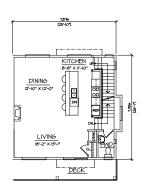
TOTAL AREA: 1502 S.F. NOT INCLUDING GARAGE

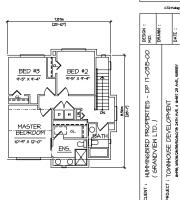
ENTRY V NOTE 2m MIN, CEILING HEIGHT @ GARAGE 19'-3" × 24'-1" GARAGE DOUBLE











LOWER FLOOR PLAN 127 S.F. MAIN FLOOR PLAN SCALE : 1/8" = 1'-0" 690 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0"

710 S.F.

LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 131 S.F.

MAIN FLOOR PLAN SCALE : 1/8" = 1'-0"

688 S.F.

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0'

724 S.F.

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

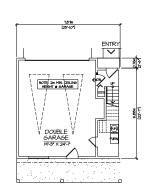
barnett dembek

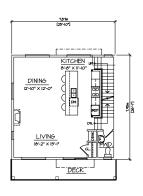
PHONE: (604) 597-7100 FAX: (604) 597-2099 FAX: (604) 597-7100 EMAIL: mail@bdarkitex.com

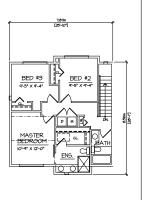
CLIENT NO. SHEET NO. AC-2.5 PROJECT NO. REV. NO. 16072

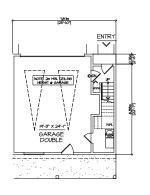
TOTAL AREA: 1,527 S.F. NOT INCLUDING GARAGE AREAS

TOTAL AREA: 1,543 S.F. NOT INCLUDING GARAGE AREAS

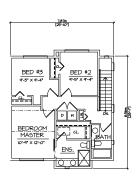












LOWER FLOOR PLAN SCALE : 1/8" = 1'-0" 127 S.F. MAIN FLOOR PLAN 674 S.F.

UPPER FLOOR PLAN 710 S.F.

LOWER FLOOR PLAN 131 S.F. MAIN FLOOR PLAN 674 S.F.

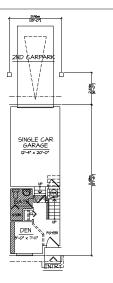
UPPER FLOOR PLAN

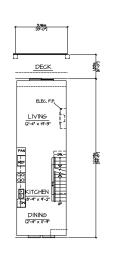
703 S.F.

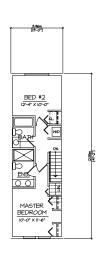
TOTAL AREA: 1,504 S.F. NOT INCLUDING GARAGE

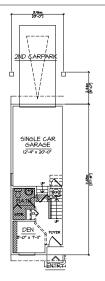
UNIT B3

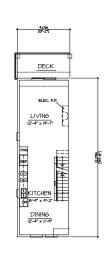
TOTAL AREA: 1,508 S.F. NOT INCLUDING GARAGE

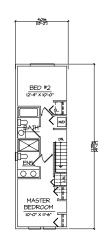












BASEMENT FLOOR PLAN 210 S.F. SCALE : 1/8" = 1'-0"

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

MAIN FLOOR PLAN 516 S.F.

TOTAL:

UPPER FLOOR PLAN SCALE : 1/8" = 1'-0"

1.261 S.F.

(INCLUDING BASEMENT)

535 S.F.

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

BASEMENT FLOOR PLAN 213 S.F.

MAIN FLOOR PLAN

SCALE : 1/8" = 1'-0" 522 S.F. UPPER FLOOR PLAN SCALE : 1/8" = 1'-0"

542 S.F.

TOTAL: 1,277 S.F. (INCLUDING BASEMENT) UNITC

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PROJECT : TOWNHOUSE DEVELOPMENT
1649, 16509/28/36/50/80/78 24TH AVE. 4: 16467

HUMMINGBIRD PROPERTIES - DP (GRANDVIEW LTD.)

CLIENT:

CLIENT NO.	SHEET NO. AC-2.6
PROJECT NO.	REV. NO.
16072	



TOTAL:

(INCLUDING BASEMENT)

1305 S.F.

PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com SHEET NO. AC-2.7 PROJECT NO. 16072

HUMMINGBIRD PROPERTIES - DP 17-0315-00 (GRANDVIEW LTD.)

CLIENT :

TOWNHOUSE DEVELOPMENT
MARK RECONSTRUCTOR SATH AVE. 6 1649

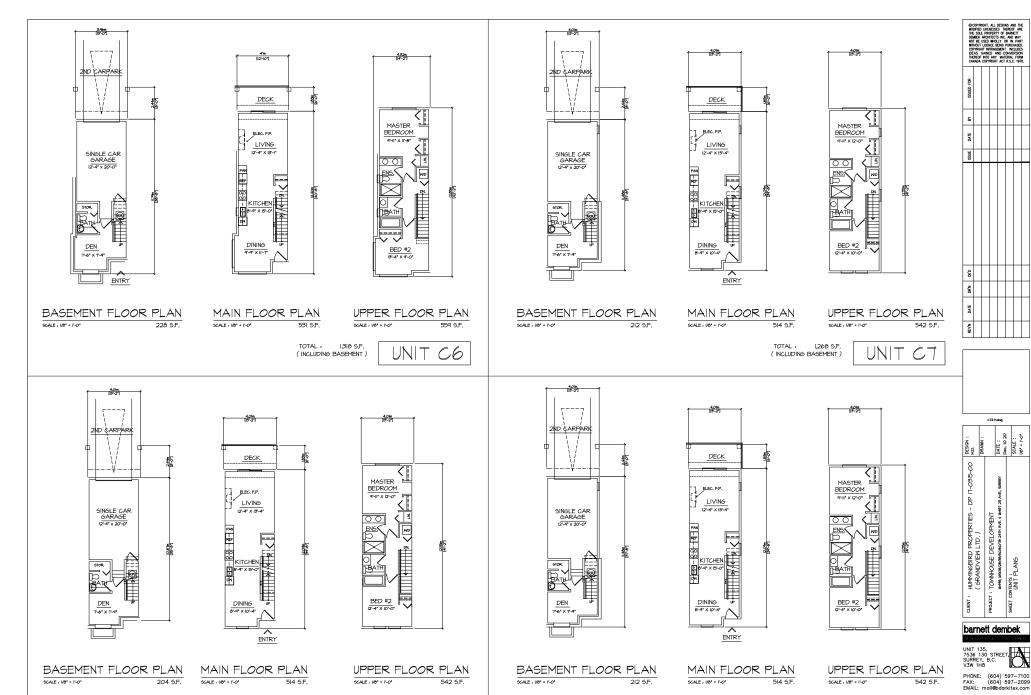
barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

TOTAL:

(INCLUDING BASEMENT)

1.260 S.F.



TOTAL:

(INCLUDING BASEMENT)

1260 S.F.

CLIENT NO. SHEET NO. AC-2.8

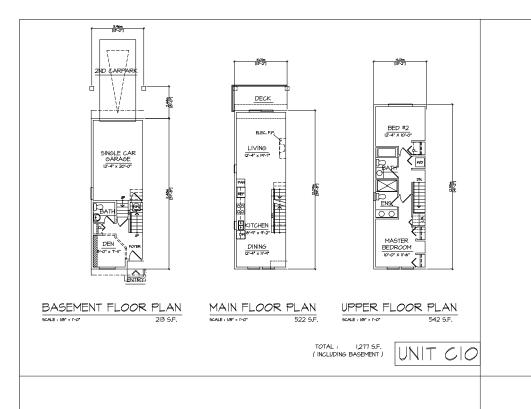
PROJECT NO. REV. NO. 16072

09

TOTAL:

(INCLUDING BASEMENT)

1.268 S.F.



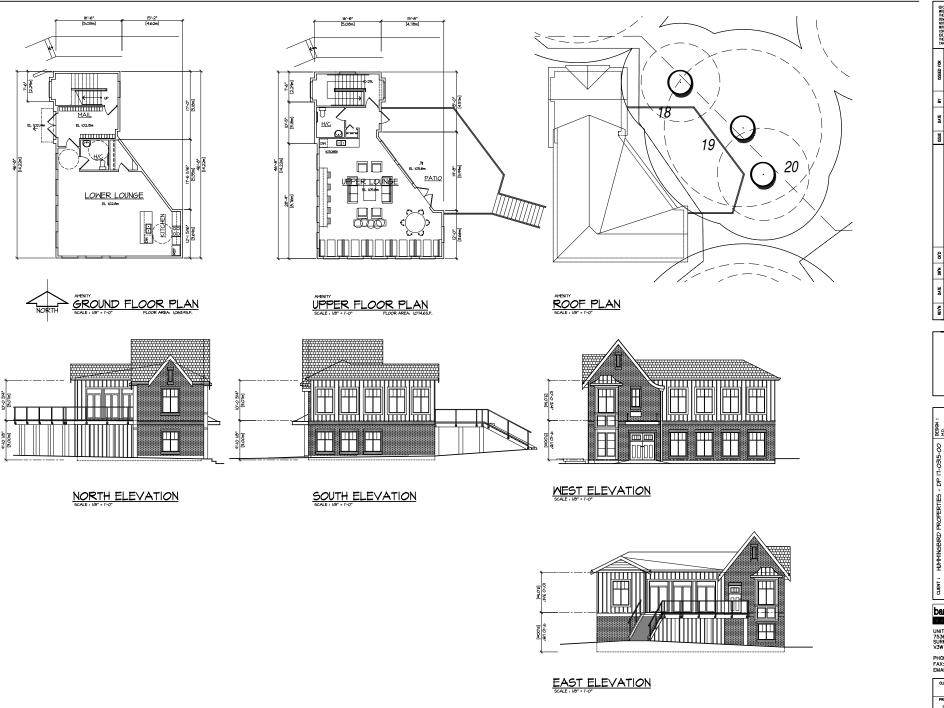
612-Hab

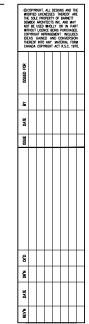
| CESON : HAM-INGBIRD PROPERTIES - DP 17-0315-00 | DRIAN : PROCT : TONNOLOGE DE-PLO-PME, SARES : PROCT : TONNOLOGE DE-PLO-PME : MAIN BANK : SARE : PROCESSERVE : MAIN FLANK : SARE : PROCESSERVE : MAIN FLANK : MAIN

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UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

CLIENT NO.	SHEET NO. AC-2.9
PROJECT NO.	REV. NO.
16072	







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DESIGN :	DRAWN:		DATE:		SCALE :	.o-,i = .@/i
HUMMINGBIRD PROPERTIES - DP IT-03I5-00 DESIGN :	CONTRIBATE CIDE	: TOWNHOUSE DEVELOPMENT	1649b, 16508/28/38/50/60/T0 24TH AVE. ¢ 1648T 23 AVE., SURREY	- STABLY	AND THE PROPERTY OF THE PROPER	BUILDING PLANS AND ELEVATIONS

barnett dembek



CLIENT NO.	SHEET NO. AC-3.00
PROJECT NO.	REV. NO.
16072	











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	DATE							
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10-03|5-00 PESSON 1: POSSON 1: POSSO

| HAMMIKBIRD PROPERTIES - DP 11-0315-00 | MSS |
| (GRANDVIEW LTD.) | PRANT |
| (GRANDVIEW LTD.) |
| (GRANDVIEW LTD.)

barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

CLIENT NO.	SHEET NO. AC-3.06
PROJECT NO.	REV. NO.
16072	











COLOUR LEGEND

SIDING

IXL BRICK HEBRON - SAHARA

IXL BRICK

CHARCOAL

HEBRON - MAROON

BENJAMIN MOORE - "FATIGUE GREEN"

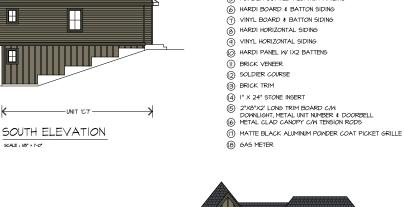
BENJAMIN MOORE - "COPLEY GREY" BENJAMIN MOORE - "GLOUCESTER SAGE"

TIMBERLINE HD ASHPHALT SHINGLES

GUTTERS, DOWNSPOUTS AND RAILINGS

ENTRY DOOR & GARAGE DOORS

BENJAMIN MOORE - "BLACK IRON"



SCALE : 1/6" = 1'-0"

BUILDING LOCATION





HANDRAIL DETAIL

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

BUILDING #11	PROJECT NO.
DUILDING #II	16072

점 PROPERTIES - I TOWINHOUSE DEVELOPMENT HUMMINGBIRD F (GRANDVIEW L CUENT :

barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

PHONE: (604) 597-7100 FAX: (604) 597-2099 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

	CLIENT NO.	SHEET NO. AC-3.11
Ī	PROJECT NO. 16072	REV. NO.





MOT AS LIGHT MOLECULE ON 18 PARTS
PORT MOTHER CONTROLLED
SEAS CONTROLLED
SEAS

DRAWN :: 64 DATE :: DATE :: SCALE :: SCALE :: DRAWN :: DR

DESIGN :	DRAWN	H.0	DATE:		SCALE:	Y. = .@/
HUMMINGBIRD PROPERTIES - DP 17-0315-00	7.4.1	I : TOWNHOUSE DEVELOPMENT	16499, 16508/28/38/30/60/16 24TH AVE. 1 1648/1 23 AVE., SIRREY	· SINEING	ELEVATIONS	

barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

CLIENT NO.	SHEET NO. AC-3.16
PROJECT NO. 16072	REV. NO.



















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

ESC OWNER AND CONTROL SECTION OF METAL S

CT2+Ldng

| HAMINGBIRD PROPERTIES - DP 11-0915-00 | MSS |

barnett dembek

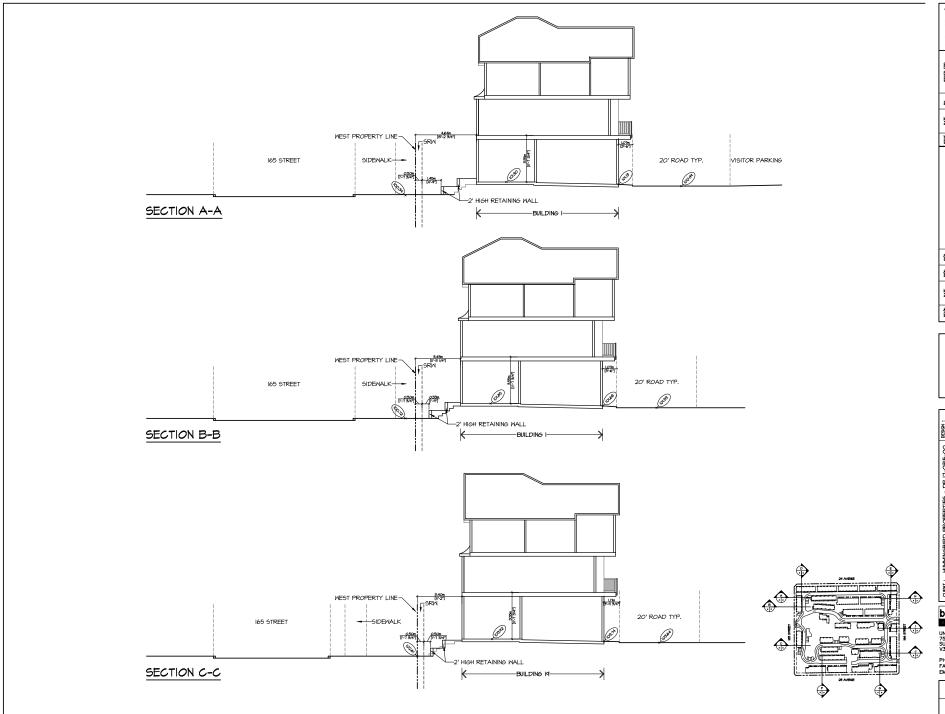
UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

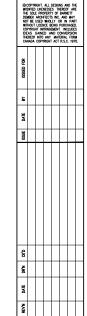
PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

CLIENT NO.	SHEET NO. AC-3,31
PROJECT NO. 16072	REV. NO.

BUILDING #31



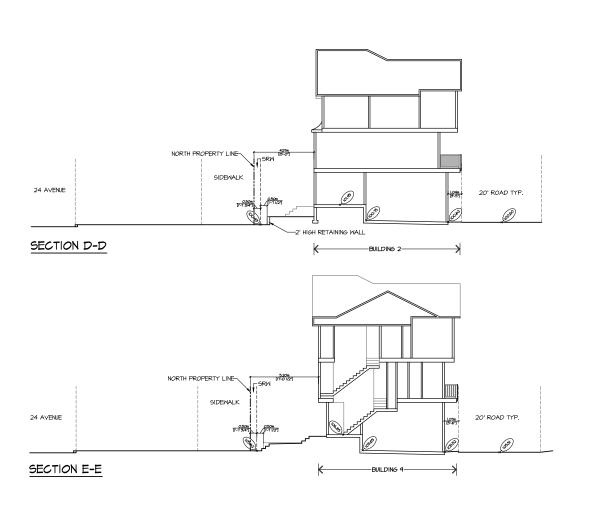


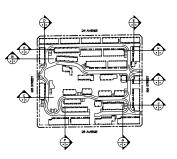




barnett dembek

CLIENT NO.	SHEET NO. AC-5,1
PROJECT NO.	REV. NO.
16072	





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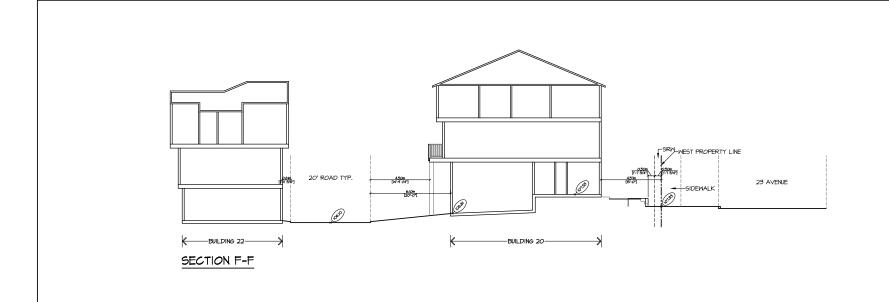


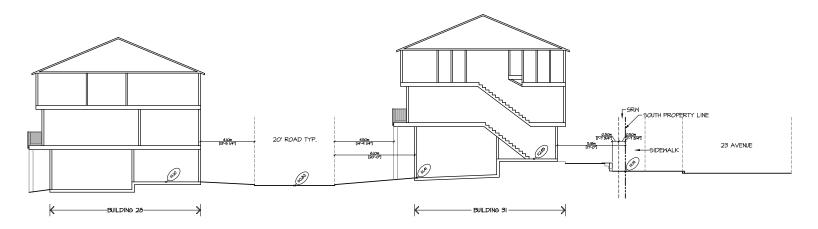
O NESIG		DATE		
11-03I5-C		AVE, SURREY		
CLENT: HUMMINGBIRD PROPERTIES - DP 17-0315-00 (GRANDVIEW LTD.)	PMENT	1649b, 16508/28/38/50/60/18 24TH AVE. ¢ 16487 23 AVE., SURREY		
IRD PROPE :W LTD.)	PROJECT : TOWINHOUSE DEVELOPMENT	78650/60/TB 24TH		
HUMMINGBIRD PR (GRANDVIEW LTD.)	TOWNHOUS	1644b, 1650b/2b	VTENTS :	SITE SECTIONS
CLENT:	PROJECT :		SHEET CONTENTS:	

barnett	dembek

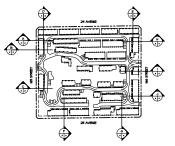
UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

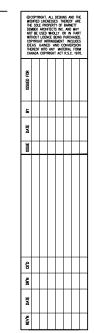
CLIENT NO.	SHEET NO. AC-5.2
PROJECT NO.	REV. NO.
16072	





SECTION G-G







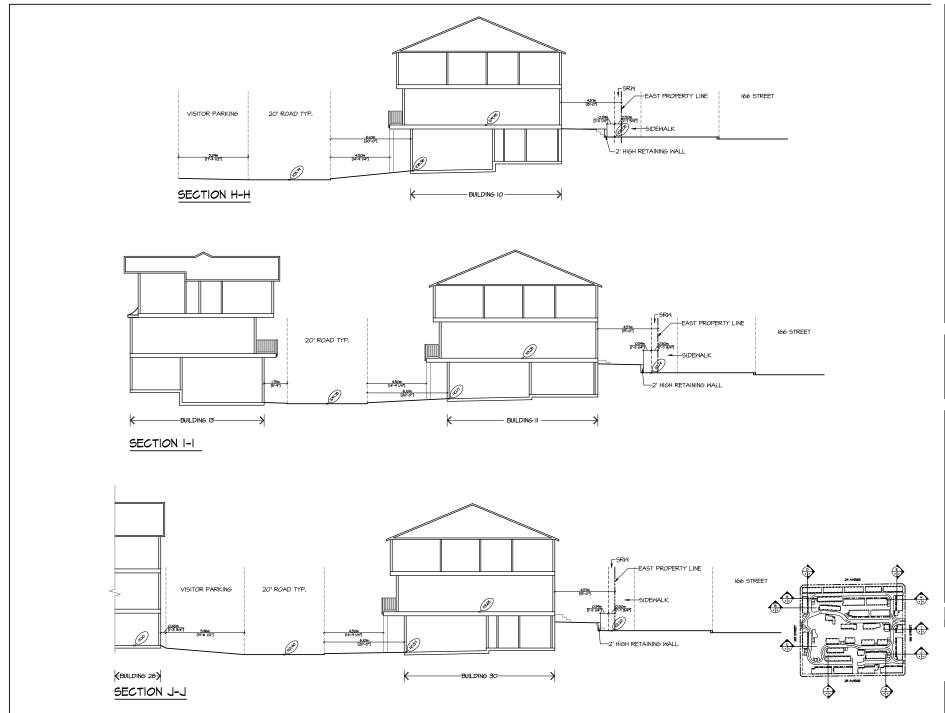
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M.	DRAWN:		DATE:	Dec. 4 20	SCALF .	0-1= 8/

ESI F	P.	_	PA §		SCA	8
CLENT: HUMMINGBIRD PROPERTIES - DP 17-0315-00 DES	(GRANDVIEW LID.)	PROJECT: TOWNHOUSE DEVELOPMENT	1649b, 1650b/2b/3b/50/60/Tb 24TH AVE. ¢ 1648T 29 AVE., SURREY	SHEET CONTENTS :	2077	Sin Sicilora

barnett dembek

NIT 135, 536 130 STREET, URREY, B.C. 3W 1H8

CLIENT NO.	SHEET NO. AC-5.3
PROJECT NO. 16072	REV. NO.







: NOISEG	į	DRAWN:		DATE:	Dec. 4 20			
CLENT: HUMMINGBIRD PROPERTIES - DP 17-0315-00	(GRANDVIEW ITD)		PROJECT : TOWNHOUSE DEVELOPMENT	1649b, 16508/28/38/50/60/18 24TH AVE. ¢ 16481 28 AVE, SURREY		SHEET CONTENTS :	SITE SECTION	
ha	m	ю	tt c	lei	mi	×	k	

SHEET NO. AC-5.4
D. REV. NO.

- ALL PLANT MATERIAL SHALL MEET OR EXCEED STANDARDS REQUIRED BY BONTA OR BOSLA GUIDELINES. TOPSOIL SUPPLIED SHALL BE FROM REPUTABLE SOURCE. A FULL ANALYSIS OF THE TOPSOIL WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE, SUBMIT TO LANDSCAPE CONSULTANT FOR APPROVAL.
- 3. ANIMEND TOPSOL PER SOL ANALYSIS RECOMMENDATIONS PLOR TO SPREADING ON SITE, REJECTED
- MINISTRU TOPSOLL PER SOLL PROMINES RECUMBERED TO STOLL FOR TO STREAM OF STIEL PEDIC. ED.
 TOPSOLL SHALL BE REMOVED OFF SITE IMMEDIATELY AT THE LANDSCAPE CONTRACTORS EXPENSE.
 TOPSOIL DEPTHS FOR PLANTING AS FOLLOWS:
- B. GROUND DOVERS: 300MM
 C. SHRUBS: 450MM
 D. TREE PITS: 1000MM WITH 300MM (BELOW ROOT BALL)
- LAWIN AREAS SHALL BE SODDED WITH 41 PREMIUM RESIDENTIAL SOD.
 ALL SHRIUB PLANTING AREAS SHALL HAVE GROUND COVERS 14 O.C.
 2" DEPTH OF 1 MINUS COMPOST MULCH TO BE INSTALLED IN ALL SHRIUB PLANTING AREAS.
- IRRIGATION SYSTEM (AUTOMATIC) SEE IRRIGATION PLANS.
 RIOCK AND BOULDER MATERIALS
 ALL BOULDERS SHALL BE SMOOTH FINISH SOURCED FROM HIVER OR FIELD. DO NOT SUPPLY STRAIGHT. OF SOLT FACES TITLE. THEY MILL BE RESERVED, PROVIDE PROCESSION OF STORE TO LANGUAGE.

 SINGLE FACES TO THEY MILL SOLD SET TO BE DIRECTED INFO GAME DO NOT REST ON SURFACE.

 SIZES: N. 24 TO 0.44 CHAMPLES.

 R. 24 TO 0.47 CHAMPLES.

 REPORT OF THE PROVIDENCE TO THE TO THE PROVIDENCE TO THE TO THE TO THE MASSION OF LANGUAGE.

 REPORT OF THE TO THE REST SOUND OF LANGUAGE PLAN.

10. PAVING TYPES AND MATERIALS AS FOLLOWS:

- AWARD THES ARM WHITEMED AS TOLLOWS.

 OFF SITE SIDEWALKS AND ON SITE WALKWAYS, CAST IN PLACE CONCRETE W/BROOM FINISH,
 INSTALL SAW CUT CONTROL JOINT MAX, EVERY 8' AND ISOLATE JOINT MAX, EVERY 29',
 DRIVEWAY ENTRANCE, DEAD END AND PEDESTRIAN CROSS: STAMPED COLORED CONCRETE PANING.

- DPIEWAY ETHANCE, DED BIO AND PERSTAND CROSS; STAMPED COLORED CONCRETE PAMIN WITH POYEDS CAREFORD THE STAMPAN.

 ***URTOO PAMINE, AULIANDES STAMPANE, COLOR BROWN, AVAILABLE FROM ABBUTSORID CONCRETE PRODUCTS, PHE BADIN GAS-BUTSORID CONCRETE PRODUCTS, PHE BADIN GAS-BUTSORID CONCRETE PRODUCTS, PHE BADIN CHARLAS AND CONCRETE PRODUCTS BROWN BROWN BE SOME PRODUCTS AND CONCRETE PRODUCTS BROWN BRO CHARCOAL AVAILABLE FROM ABBOTSFORD CONCRETE PRODUCTS PH: 1-800-663-4091
- 12. BENCHES MAGLIN 970 BECKED BENCH WITH SIDE ARM, IPE WOOD, ALL METAL COMPONENTS TO BE POWDER COATED WITH STANDARD DOLOR GUINNETFAL.

 13. BIKE PROK MAGLIN 400 SERBES, ILS. STEEL TUBE-5 BIKES, SURFACE MOUNT, POWER COATED
- ALL PATHWAY AND OTHER WORK WITHIN THE TPZ IS TO BE INSTALLED ABOVE EXISTING GRADE UNDER THE SUPERMISION OF THE PROJECT ARBORIST.
- HINAL SELECTION OF STREET TREES SHALL BE MADE BY THE CITY OF SURREY PRIOR TO INSTALLATION, LANGSCAPE CONTRACTOR TO CONTACT CITY ARBORIST TO COORDINATE RIVAL LAYOUT OF STREET TREES. INSTALL TO CITY OF SURREY LANDSCAPE REQUIREMENTS.

OUTDOOR FITNESS EQUIPMENT SCHEDULE:

STATION	MODEL NO.	EQUIPMENT NAME
1	13590\$	COMBO FITNESS HUB, SURFACE MOUNT.
2	13280	BALANCE BOARD STATION
	13570	SIT-UP STATION
	13565	FITNESS SIGN POST FOR STICKER
3	13561S	SIT-UP/BACK EXTENSION
	13560S	CAPTAIN'S CHAIR
4	13272S	LAT PULL DOWN - ADA, SURFACE MT.
	14922S	RECUMBENT CYCLE, SURFACE MT.
5	13562S	CARDIO WALKER, SURFACE MT.
-	14925S	ACCESSIBLE HAND CYCLE, SURFACE MT.

OUTDOOR FITNESS EQUIPMENTS ARE AVAILABLE FROM PARK N PLAY DESIGN. INSTALLATION AS PER MANUFACTURE SPECIFICATIONS. PH: 1-866-551-8188 WEBSITE: WWW.PARKNPLAYDESIGN.COM













UNIT PAVERS W.

DEVELOPER: HUMMINGBIRD PROPERTIES - DP 17-03 ARCHITECT: BARNETT DEMBEK ARCHITECTS INC.

B.C.

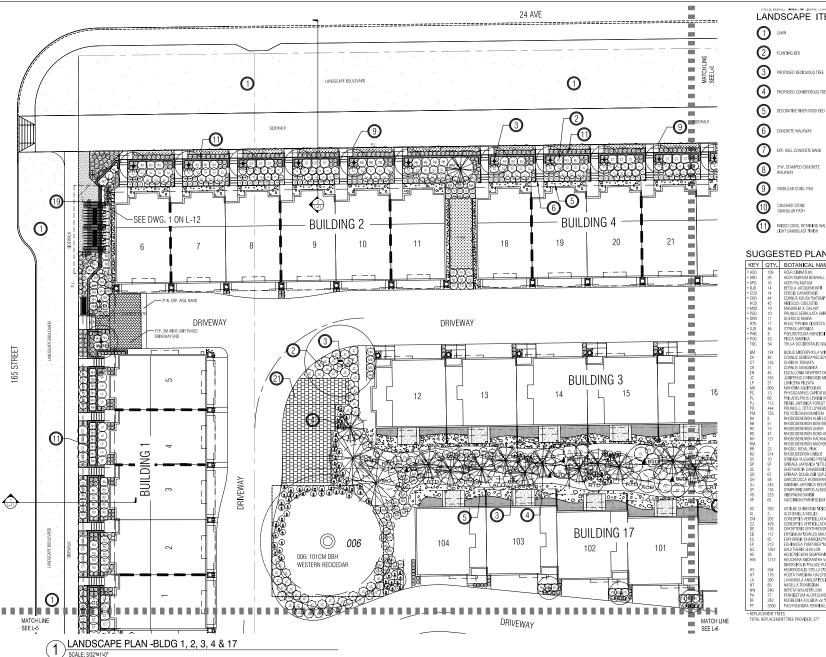
SURREY,

23 AVE.,

16487

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. &

SHEET TITLE
LANDSCAPE
SITE PLAN
SHEET NO.



LANDSCAPE ITEMS:

(1) LAWN (12) 6 HT. PRIVACY WOOD FENCE

(13) 3°HT, WOOD FENCE

 PROPOSED DECIDUOUS TREE (14) WOOD PERGOLA

(15) OUTDOOR GYM PROPOSED CONIDFEROUS TREE

(16) BENCH 6 CONCRETE WALKWAY (17) DECORATIVE POT

(18) GATEWAY SIGN BY OTHERS EXP. AGG. CONCRETE BAND

(20) BIKE RACK MODULAR CONC. PAD

CRUSHED STONE GRANULAR PATH

22 STRUCTURAL SOIL RAISED CONC. RETAINING WALL LIGHT SANDBLAST FINISH

SUGGESTED PLANT LIST:

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
* ACD	109	ACER CIRINATUM	VINE MAPLE	3.0M HT
* ARD	29	ACER RUBRUM BOWHALL	BOWHALL RED MAPLE	5CM CAL
* APD	10	ACER PALMATUM	JAPANESE MAPLE	5CM CAL
* BJD	14	BETULA JACQUEMONTII	JACQUEMONTII BIRCH	3.5M HT.
+ CCD	14	CERCIS CANADENSIS	RED BUD	5CM CAL
* CKD	44	CORNUS KOUSA SATOMI	SATOMI DDGWOOD	5CM CAL
HCD	45	HIBISCUS COELESTIS	SHRUBBY ALTHEA	5CM CAL
* MXD	19	MAGNOLIA X, GALAXY	GALAXY MAGNOLIA	5CM CAL
* PSD	10	PRUNUS SERBULATA SHIROTAE	MOUNT FLUI CHERRY	5CM CAL
~ ORD	11	QUERCUS RUBRA	RED OAK	5CM CAL
BTD	17	RHUS TYPHINA DISSECTA	LACELEAF SUMAC	1.8M HT
* SJD	46	STYBAX JAPONICA	JAPANESE SNOWBELL	5CM CAL
* PMC	8	PSEUDOTSUGA MENZIESI	DDUGLAS FIR	3.5M HT
* PDC	63	PICEA OMORIKA	SERBIAN SPRUCE	3.5M HT.
TOC	54	THUJA OCCIDENTALIS SMARAGD	EMERALD GREEN CEDAR	1.75M H
BM	124	BUXUS MICROPHYLLA WINTER GEM	WINTER GEM BOXWOOD	#3
CK	48	CORNUS SERICEA KELSEY	DWARF RED-OSIER DOGWOOD	#3
CT	135	CHOISYA TERNATA	MEXICAN MOCK GRANGE	#3
CR	31	CORNUS SANGUINEA	BLOODTWIG DOGWOOD	#3
EN	45	ESCALLONIA NEWPORT DWARE	NEWPORT DWARF ESCALLONIA	#3
JC	355	JUNIPERUS CHINENSIS MINT JULEP	SEAGREEN JUNIPER	#3
I P	27	LONGERA PILEATA	PRIVET HONEYSLICKLE	#3
MA	869	MAHONIA AQUIFOLIUM	OREGON GRAPE	#3
PC	13	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#3
PL.	66	PHILADELPHUS LEWISH VAR.GORDONIANUS	MOCK ORANGE	#3
P.I	113	PIERIS JAPONICA FOREST FLAME	JAPANESE PIERIS	#3
PO	444	PRUNUS L. OTTO LUYKENS	OTTO LUYKEN LAUREL	#3
PM	735	POLYSTICHUM MUNITEM	WESTERN SWORD FERN	#2
RA	8	RHODODENDRON ALBIFLORUM	WHITE-FLOWERED RHODO.	#3
RB	51	RHODODENDRON BOW BELLS	BOW BELL RHODO.	#3
BC.	15	RHODODENDRON CHEER	CHEER RHOOG.	#3
RD	47	RHODODENDRON DORA AMETEIS	DORA AMETEIS RHODO.	#3
BH	121	BHODDENDRON HACHMANN'S FANTASTICA	EANTASTIC BHODODENDRON	#3
BM	7	RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	#3
RR.	23	RHODO, ROYAL PINK	ROYAL PINK RHODO.	#3
RU	214	RHODDEDRON UNIQUE	UNIQUE RHOOO.	#3
SV		SYRINGA VIJI GARIS PRESIDENT LINCOLN		#3
SP	10 97		ULAC	#3
SC	97	SPIRAEA JAPONICA LITTLE PRINCESS	LITTLE PRINCESS SPIRAEA SOAPBERRY	#3
SD	67	SHEPHERDIA CANADENSIS		#3
		SPIRAEA DOUGLASII SSP.DOUGLASII	HARDHACK	
SH	58	SARCOCOCCA HODKERANA HUMILIS	HIMALAYAN SWEET BOX	#3
SJ	245	SKIMMIA JAPONICA REEVESIANA	JAPANESE SKIMMIA	#3
SY	135	SYMPHORICARPOS ALBUS	COMMON SNOWBERRY	#3
VD	223	VIBURNUM DAVIDII	DAVID'S VIBURNUM	#3
VP.	65	VACCINIUM PARVIFOLIUM	RED HUCKLEBERRY	#3
AC	293	ASTILBE CHINENSIS VISIONS	ASTILBE	#1
AL.	3	ALCHEMILLA MOLLIS	LADY'S MANTLE	#1
CM	202	COREOPSIS VERTICILLATA MOONBEAM	MOONBEAM TICKSEED	#1
CZ	429	COREOPSIS VERTICILLATA ZAGREB	ZAGREB TICKSEED	#1
DE	126	DRYOPTERIS ERYTHROSORA 'BRILLIANCE'	AUTUMN FERN	#1
EB	112	ERYSIMUM BOWLES MAUVE	PURPLE WALLFLOWER	#1
EC	85	EUPHORBIA CHARACIAS WULFENI	WOOD SPURGE	#1
EP	213	ECHINACEA PURPUREA MAGNUS	PURPLE CONEFLOWER	#1
GS	1261	GAULTHER I A SHALLON	SALAL	#1
HE	28	HELICTRICHON SEMPERVIRONS	BLUE OAT GRASS	#1
HM	1212	HEUCHERA MICRANTHA VAR.	CORAL BELLS	#1
		DIVERSIFOLIA PALACE PURPLE		1
HS	594	HEMEROCALIS STELLA D'ORO	DAY LILY	#1
HT	179	HOSTA TARDIANA HALCYON	PLANTAIN LILY	#1
LA	280	LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER	#1
NT	85	NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	#1
NW	240	NEPETA WALKER'S LOW	WALKER'S LOW CATMINT	#1
PA	77	PENNISETUM ALOPECUROIDES HAMELIN	DWARF FOUNTAIN GRASS	#1

* REPLACEMENT TREES TOTAL REPLACEMENT TREE PROVIDED: 377

RUDBECKIA FULGIDA VAR GOLDSTRUM PACHYSANDRA TERMINALIS

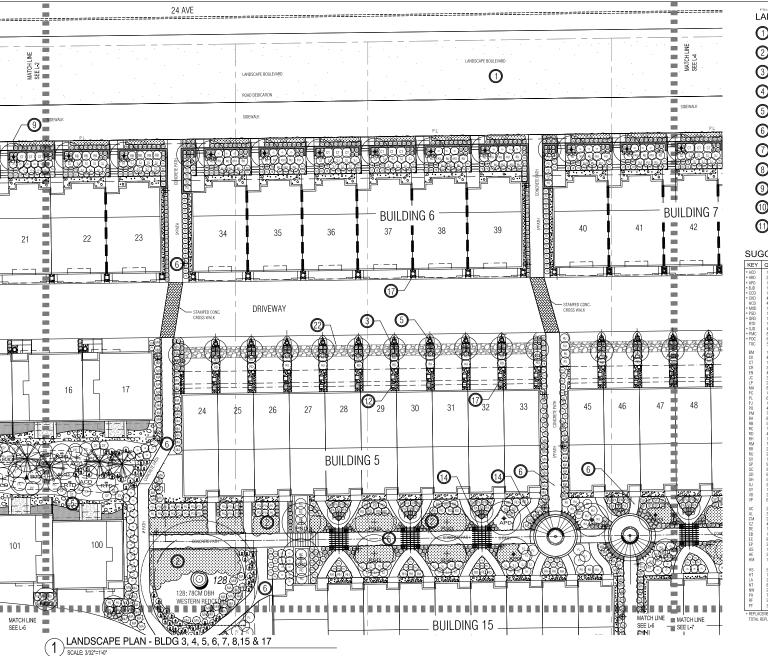
BLACK EYED SUSAN JAPANESE SPURGE



SURREY,

& 16487 23 AVE.,

SHEET TITLE
LANDSCAPE PLAN BLDG 1, 2, 3, 4 & 17



LANDSCAPE ITEMS:

(1) LAWN (12) 6 HT. PRIVACY WOOD FENCE

2 PLANTING BED 13) 3 HT. WOOD FENCE

(14) WOOD PERGOLA PROPOSED DECIDUOUS TREE

(15) OUTDOOR GYM (4) PROPOSED CONIDFEROUS TREE DECORATIVE RIVER ROCK BED (16) BENCH

6 CONCRETE WALKWAY (17) DECORATIVE POT

(7) EXP. AGG. CONCRETE BAND

20) BIKE RACK MODULAR CONC. PAD CRUSHED STONE GRANULAR PATH

STRUCTURAL SOIL

RAISED CONC. RETAINING WALL LIGHT SANDBLAST FINISH

SUGGESTED PLANT LIST:

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
* ACD	109	ACER CIRINATUM	VINE MAPLE	3,0M HT.
* ARD	29	ACER RUBRUM BOWHALL	BOWHALL RED MAPLE	5CM CAL
* APD	10	AGER PALMATUM	JAPANESE MAPLE	5CM CAL
* BJD	14	BETULA JACQUEMONTII	JACQUEMONTII BIRCH	3.5M HT.
* CCD	14	CERCIS CANADENSIS	RED BUD	5CM CAL
* CKD	44	CORNUS KOUSA SATOMI	SATOMI DOGWOOD	5CM CAL
HCD	45	HIBISCUS COELESTIS	SHRUBBY ALTHEA	5CM CAL
* MXD	19	MAGNOLIA X, GALAXY	GALAXY MAGNOLIA	5CM CAL
* PSD	10	PRUNUS SERRULATA SHIROTAE	MOUNT FLUI CHERRY	5CM CAL
◆ QRD	11	QUERCUS RUBRA	RED DAK	5CM CAL
RTD	17	RHUS TYPHINA DISSECTA	LACELEAF SUMAC	1.8M HT.
* SJD	46	STYRAX JAPONICA	JAPANESE SNOWBELL	5CM CAL
* PMC	8	PSEUDOTSUGA MENZIESI	DOUGLAS FIR	3.5M HT.
* P0C	63	PICEA OMORIKA	SERBIAN SPRICE	3.5M HT
TOC	54	THUA OCCIDENTALIS SMARAGD	EMERALD GREEN CEDAR	1.75M H1
BM	124	BUXUS MICROPHYLLA WINTER GEM	WINTER GEM BOXWOOD	#3
CK	48	CORNUS SERICEA KELSEY!	DWARF RED-OSIER DOGWOOD	#3
CT	135	CHOISYA TERNATA	MEXICAN MOCK ORANGE	#3
CR	31	CORNUS SANGUINEA	BLOODTWIG DOGWOOD	#3
EN	45	ESCALLONIA NEWPORT DWARF	NEWPORT DWARF ESCALLONIA	#3
JC	355	JUNIPERUS CHINENSIS MINT JULEP	SEAGREEN JUNIPER	#3
LP	27	LONICERA PILEATA	PRIVET HONEYSUCKLE	#3
MA	869	MAHONIA AQUIFOLIUM	OREGON GRAPE	#3
PC PC	13	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#3
PL.	66	PHILADELPHUS LEWISH VAR GORDONIANUS	MOCK ORANGE	#3
PJ	113	PIERIS JAPONICA FOREST FLAME	JAPANESE PIERIS	#3
P0	444	PRUNUS L. OTTO LUYKENS	OTTO LUYKEN LAUREL	#3
PM	735	POLYSTICHUM MUNITEM	WESTERN SWORD FERN	#2
RA	8	RHODODENDRON ALBIFLORUM	WHITE-FLOWERED RHODO.	#3
RB	51	RHODODENDRON BOW BELLS	BOW BELL RHODO.	#3
RC.	15	RHODODENDRON CHEER	CHEER RHODO.	#3
RD	47	RHODODENDRON DORA AMETEIS	DORA AMETEIS RHODO.	#3
BH	121	RHODODENDRON HACHMANN'S FANTASTICA	FANTASTIC RHODODENDRON	#3
BM BM	7	RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	#3
RR	23			#3
		RHODO, ROYAL PINK	ROYAL PINK RHODO.	
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SP	97	SPIRAEA JAPONICA LITTLE PRINCESS	LITTLE PRINCESS SPIRAEA	#3
SC	9	SHEPHERDIA CANADENSIS	SOAPBERRY	#3
SD	67	SPIRAEA DOUGLASII SSP.DOUGLASII	HARDHACK	#3
SH	58	SARCOCOCCA HOOKERANA HUMLIS	HIMALAYAN SWEET BOX	#3
SJ	245	SKIMMIA JAPONICA REEVESIANA	JAPANESE SKIMMA	#3
SY	135	SYMPHORICARPOS ALBUS	COMMON SNOWBERRY	#3
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VP.	65	VACCINIUM PARMEDIJUM	RED HUCKLEBERRY	#3
				l
AC	293	ASTILBE CHINENSIS VISIONS	ASTILBE	#1
AL.	3	ALCHEMILLA MOLLIS	LADY'S MANTLE	#1
CM	202	COREOPSIS VERTICILLATA MOONBEAM	MOONBEAM TICKSEED	#1
CZ	429	COREOPSIS VERTICILLATA ZAGREB	ZAGREB TICKSEED	#1
DE	126	DRYOPTERIS ERYTHROSORA 'BRILLIANCE'	AUTUMN FERN	#1
FB	112	ERYSIMUM BOWLES MAUVE	PURPLE WALLFLOWER	#1
EC	85	EUPHORBIA CHARACIAS WULFENII	WOOD SPURGE	#1
EP	213	ECHINACEA PURPUREA MAGNUS	PURPLE CONEFLOWER	#1
6S	1261	GAULTHERIA SHALLON	SALAI	#1
HE	28	HELICTRICHON SEMPERVIRONS	BLUE OAT GRASS	#1
		HEUCHERA MICRANTHA VAR.	BLUE OAT GRASS CORAL BELLS	#1
HE HM	28 1212	HEUCHERA MICRANTHA VAR. DIVERSIFOLIA: PALACE PURPLE	CORAL BELLS	#1
HE HM HS	28 1212 594	HEUCHERA MICRANTHA VAR. DIVERSIFOLIA PALACE PURPLE HEMEROCALIS STELLA DORIO	CORAL BELLS DAY ULY	#1 #1
HE HM HS HT	28 1212 594 179	HEUCHERA MICRANTHA VAR. DIVERSIFOLIA PALACE PURPLE HEMEROCALIS STELLA DORO HOSTA TARDIANA HALCYON	CORAL BELLS DAY LILY PLANTAIN LILY	#1 #1 #1
HE HM HS HT LA	28 1212 594 179 280	HEUCHERA MICRANTHA VAR. DIVERSIFOLIA PALACE PURPLE HEMEROCALIS STELLA DORD HOSTA TARDIAMA HALCYON LAVANDULA ANGUSTIFOLIA	CORAL BELLS DAY ULY PLANTAIN LILY ENGLISH LAVENDER	#1 #1 #1 #1
HE HM HS HT LA NT	28 1212 594 179 280 85	HEUCHERA MICRANTHA VAR. DIVERSFOLIA PALACE PURPLE HEMEROCALIS STELLA D'ORIO HOSTA TARDIANA HALCYON LAVANDULA ANGUSTFOLIA NASELLA TENLISSIMA	CORAL BELLS DAY LILY PLANTAIN LILY ENGLISH LAVENDER MEXICAN FEATHER GRASS	#1 #1 #1 #1 #1
HE HM HS HT LA NT NW	28 1212 594 179 280 85 240	HEUCHERA MICRANTHA VAR. DIVERSFOLIA PALACE PUPPLE HEMERGOGALIS STELLA VORO HOSTA TARDIANA HALCYON LAYANDULA ANGUSTFOLIA NASELLA TENLISSIMA NEPETA WALKERS LOW	CORAL BELLS DAY LILY PLANTAIN LILY ENGLISH LAVENDER MEXICAN FEATHER GRASS WALKER'S LOW CATMINIT	#1 #1 #1 #1 #1
HE HM HS HT LA NT NW PA	28 1212 594 179 280 85 240 77	HEUGHERA MICHANTHA VAR. DIVERS FOLIA PALACE PURPLE* HEMEROCALIS STELLA PORO HOSTA TARDINIA HALCYON LAVANDULA AMOUSTFOLIA NASELLA TENLISSIMA NEPETA WALKERS LOW PENNISETUM ALOPECUMODES HAMELIN*	CORAL BELLS DAY LILY PLANTAIN LILY ENGLISH LAVENDER MODICAN FEATHER GRASS WALKER'S LOW CATMINT DWARF FOUNTAIN GRASS	#1 #1 #1 #1 #1 #1
HE HM HS HT LA NT NW	28 1212 594 179 280 85 240	HEUCHERA MICRANTHA VAR. DIVERSFOLIA PALACE PUPPLE HEMERGOGALIS STELLA VORO HOSTA TARDIANA HALCYON LAYANDULA ANGUSTFOLIA NASELLA TENLISSIMA NEPETA WALKERS LOW	CORAL BELLS DAY LILY PLANTAIN LILY ENGLISH LAVENDER MEXICAN FEATHER GRASS WALKER'S LOW CATMINIT	#1 #1 #1 #1 #1

TOTAL REPLACEMENT TREE PROVIDED: 377



SURREY,

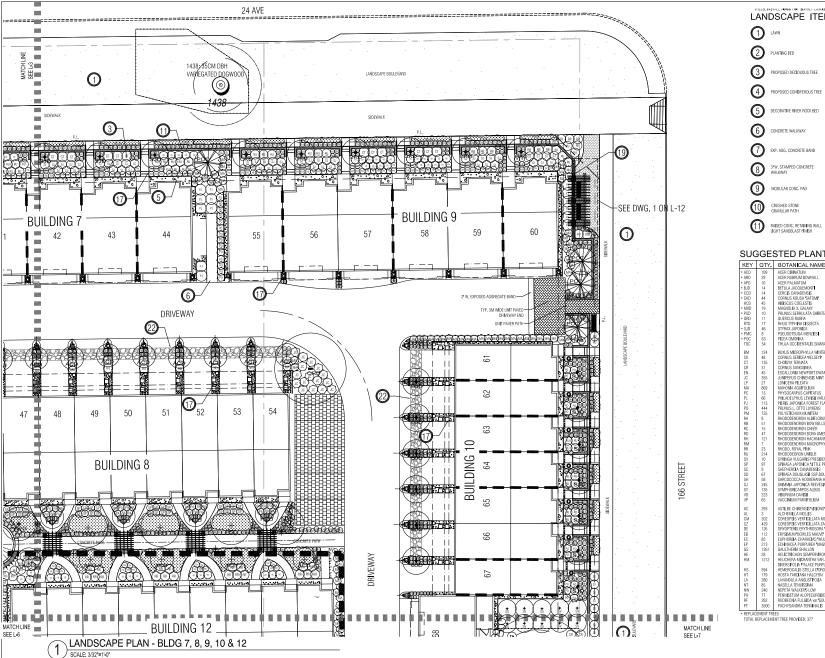
23 AVE.,

16487

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COWNHOUSE DEVELOPMENT 6498, 16508/28/38/50/60/78 24TH AVE.

SHEET TILE LANDSCAPE PLAN -BLDG 3, 4, 5, 6, 7, 8,15 & 17



LAN	DSCAPE ITEM	IS:	
1	LAWN	12	6' HT. PRIVACY WOOD FENCE
2	PLANTING BED	1 3	3' HT. WOOD FENCE
3	PROPOSED DECIDUOUS TREE	1 4	WOOD PERGOLA
4	PROPOSED CONIDFEROUS TREE	(15)	OUTDOOR GYM
(5)	DECORATIVE RIVER ROCK BED	1 6	BENCH
6	CONCRETE WALKWAY	17	DECORATIVE POT
0	EXP. AGG. CONCRETE BAND	(18)	GATEWAY SIGN BY OTHERS
8	3' W. STAMPED CONCRETE WALKWAY	19	FEATURE WALL & WOOD TRELLIS
9	MODULAR CONC. PAD	20	BIKE RACK
110	CRUSHED STONE GRANULAR PATH	21	PERMEABLE PAVERS
_			

22 STRUCTURAL SOIL

SUGGESTED PLANT LIST:

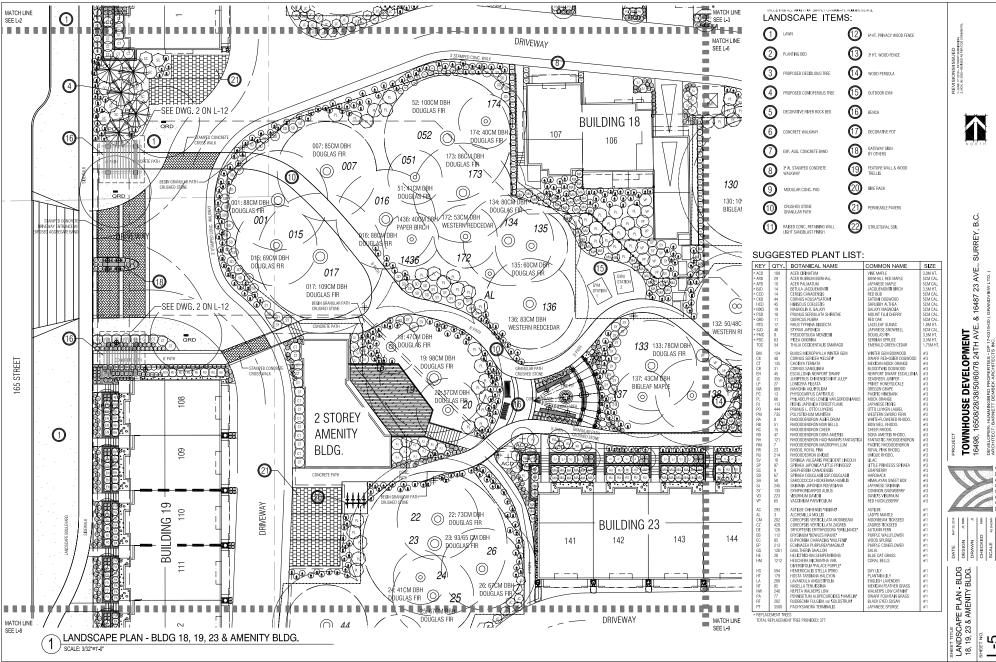
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
* ACD	109	ACER CIRINATUM	VINE MAPLE	3,0M HT,
* ARD	29	ACER RUBRUM BOWHALL	BOWHALL RED MAPLE	5CM CAL.
* APD	10	ACER PALMATUM	JAPANESE MAPLE	5CM CAL.
* BJD	14	BETULA JACQUEMONTI	JACQUEMONTII BIRCH	3.5M HT.
+ CCD	14	CERCIS CANADENSIS	RED BUD	5CM CAL
* CKD	44	CORNUS KOUSA SATOM	SATOMI DOGWOOD	5CM CAL
HDD	45			5CM CAL
	19	HIBISCUS COELESTIS	SHRUBBY ALTHEA	5CM CAL
* MXD * PSD	10	MAGNOLIA X, GALAXY	GALAXY MAGNOLIA	
		PRUNUS SERRULATA SHIROTAE	MOUNT FLUI CHERRY	5CM CAL.
* QRD	11	QUERCUS RUBRA	RED OAK	5CM CAL.
RTD	17	RHUS TYPHINA DISSECTA	LACELEAF SUMMC	1.8M HT.
* SJD	46	STYRAX JAPONICA	JAPANESE SNOWBELL	5CM CAL.
* PMC	8	PSEUDOTSUGA MENZIESI	DOUGLAS FIR	3.5M HT.
* P0C	63	PICEA OMORIKA	SERBIAN SPRUCE	3.5M HT.
TOC	54	THLUA OCCIDENTALIS SMARAGD	EMERALD GREEN CEDAR	1.75M HT.
BM	124	BUXUS MICROPHYLLA WINTER GEM	WINTER GEM BOXWOOD	#3
CK	48	CORNUS SERICEA KELSEYI	DWARF RED-OSIER DOGWOOD	#3
CT	135	CHOISYA TERNATA	MEXICAN MOCK ORANGE	#3
CR	31	CORNUS SANGUINEA	BLOODTWIG DOGWOOD	#3
EN	45	ESCALLONIA NEWPORT DWARF	NEWPORT DWARF ESCALLONIA	#3
JC	355	JUNIPERUS CHINENSIS MINT JULEP	SEAGREEN JUNIPER	#3
I.P	27	LONICERA PLEATA	PRIVET HONEYSLICKLE	#3
MA	869	MAHONIA AQUIFOLIUM	OREGON GRAPE	#3
PC	13	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#3
	66			#3
PL PJ	113	PHILADELPHUS LEWISII VAR GORDONIANUS	MOCK ORANGE	#3
		PIERIS JAPONICA FOREST FLAME	JAPANESE PIERIS	
P0	444	PRUNUS L. OTTO LUYKENS	OTTO LUYKEN LAUREL	#3
PM	735	POLYSTICHUM MUNITEM	WESTERN SWORD FERN	#2
RA	8	RHODODENDRON ALBIFLORUM	WHITE-FLOWERED RHODO.	#3
RB	51	RHODODENDRON BOW BELLS	BOW BELL RHODO.	#3
RC	15	RHODODENDRON CHEER	CHEER RHOOD.	#3
RD	47	RHODODENDRON DORA AMETEIS	DORA AMETEIS RHODO.	#3
RH	121	RHODODENDRON HACHMANN'S FANTASTICA	FANTASTIC RHODODENDRON	#3
RM	7	RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	#3
RR	23	RHODD, ROYAL PINK	ROYAL PINK RHODO.	#3
RU	214	RHODODEDRON UNIQUE	UNIQUE RHODO.	#3
SV	10	SYRINGA VULGARIS PRESIDENT LINCOLN	LILAC	#3
SP	97	SPIRAEA JAPONICA LITTLE PRINCESS	LITTLE PRINCESS SPIRAEA	#3
SC	9	SHEPHERDIA CANADENSIS	SDAPBERRY	#3
SD	67	SPIRAEA DOUGLASII SSP.DOUGLASII	HARDHACK	#3
SH	58	SARCOCOCCA HOOKERANA HUMLIS	HIMALAYAN SWEET BOX	#3
SJ	245	SKIMMIA JAPONICA REEVESIANA	JAPANESE SKIWIMA	#3
SY	135	SYMPHORICARPOS ALBUS	COMMON SNOWBERRY	#3
VD	223	VIBURNUM DAVIDII	DAVID'S VIBURNUM	#3
VP	65	VACCINIUM PARMFOLIUM	RED HUCKLEBERRY	#3
				l .
AC	293	ASTILBE CHINENSIS VISIONS	ASTILBE	#1
AL_		ALCHEMILLA MOLLIS	LADY'S MANTLE	
CM	202	COREOPSIS VERTICILLATA MOONBEAM	MOONBEAM TICKSEED	#1
CZ	429	COREOPSIS VERTICILLATA ZAGREB	ZAGREB TICKSEED	#1
DE	126	DRYOPTERIS ERYTHROSORA BRILLIANCE	AUTUMN FERN	#1
EB	112	ERYSIMUM BOWLES MAUVE	PURPLE WALLFLOWER	#1
EC	85	EUPHORBIA CHARACIAS WULFENII	WOOD SPURGE	#1
EP	213	ECHINACEA PURPUREA 'MAGNUS'	PURPLE CONEFLOWER	#1
GS	1261	GAULTHERIA SHALLON	SALAL	#1
HE	28	HELICTRICHON SEMPERVIRONS	BLUE OAT GRASS	#1
HM	1212	HEUCHERA MICRANTHA VAR.	CORAL BELLS	#1
		DIVERSIFOLIA PALACE PURPLE	I	i
HS	594	HEMEROCALIS STELLA D'ORO	DAY ULY	#1
HT	179	HOSTA TARDIANA HALCYON	PLANTAIN LILY	#1
LA	280	LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER	#1
NT	85	NASELLA TENLISSIMA	MEXICAN FEATHER GRASS	#1
NW	240	NEPETA WALKER'S LOW	WALKER'S LOW CATMINT	#1
PA	77	PENNISETUM ALOPECUROIDES HAMELIN	DWARE FOUNTAIN GRASS	#1
RE	282	RUDBECKIA FULGIDA var GOLDSTRUM	BLACK EYED SUSAN	#1

REPLACEMENT TREES
TOTAL REPLACEMENT TREE PROVIDED: 377

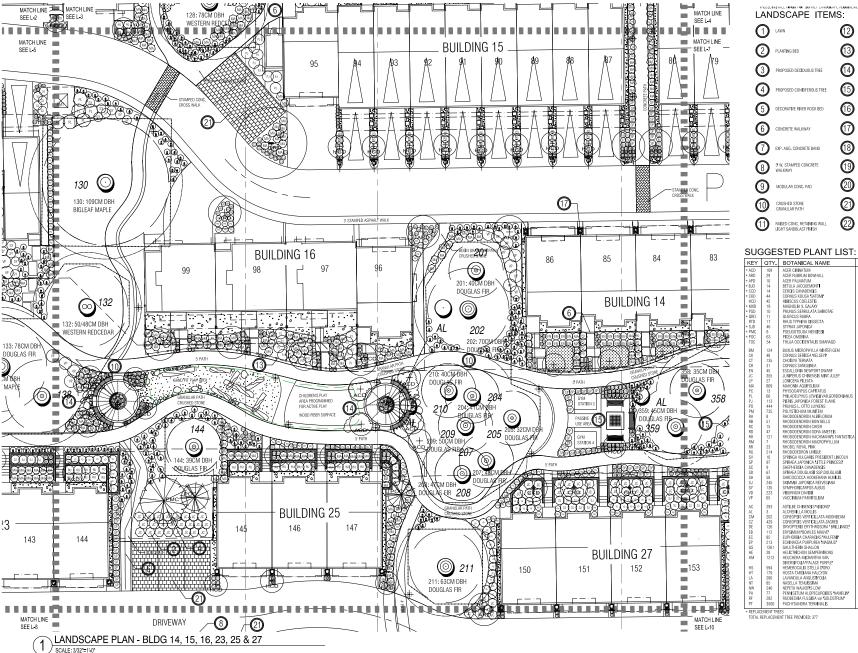


TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. & 16487 23 AVE., SURREY, B.C.

SHEET TITLE LANDSCAPE PLAN -BLDG 7, 8, 9, 10 & 12



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(12) # HT, PRIVACY WOOD FENCE (13) 3 HT. WOOD FENCE

(14) WOOD PERGOLA

(15) OUTDOOR GYM

(16) BENCH

(17) DECORATIVE POT

(18) GATEWAY SIGN BY OTHERS 19 FEATURE WALL & WOOD TRELLIS

20 BIKE RACK

(21) PERMEABLE PAVERS

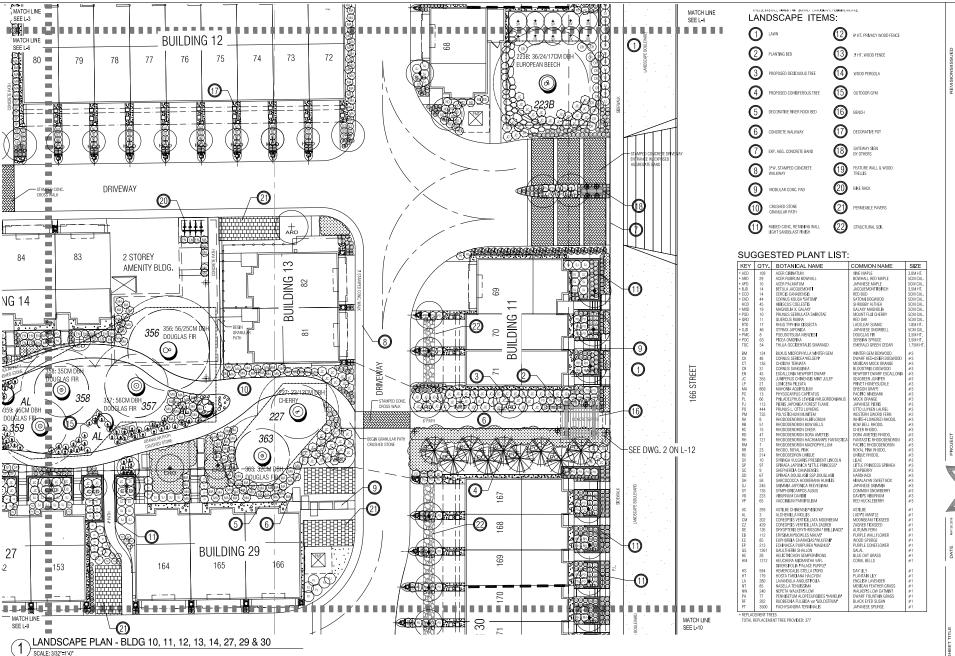
22) STRUCTURAL SOIL

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
* ACD	109	ACER CIRINATUM	VINE MAPLE	3.0M HT
* ARD	29	ACER BUBRUM BOWHALL	BOWHALL RED MAPLE	5CM CAL
* APD	10	ACER PALMATUM	JAPANESE MAPLE	5CM CAL
* BJD	14	BETULA JACQUEMONTI	JACQUEMONT BIRCH	3.5M HT.
≠ CCD	14	CERCIS CANADENSIS	RED BUD	5CM CAL
* CKD	44	CORNUS KOUSA SATOM	SATOMI DOGWOOD	5CM CAL
HCD	45	HIBISCUS COELESTIS	SHRUBBY ALTHEA	5CM CAL
* MXD	19			5CM CAL
* PSD	10	MAGNOLIA X. GALAXY	GALAXY MAGNOLIA	
		PRUNUS SERRULATA SHIROTAE	MOUNT FUJI CHERRY	5CM CAL
≠ QRD RTD	11	QUERCUS RUBRA	RED OAK	5CM CAL 1.8M HT.
	46	RHUS TYPHINA DISSECTA	LACELEAF SUMAC	
* SJD * PMC	8	STYRAX JAPONICA	JAPANESE SNOWBELL	5CM CAL
		PSEUDOTSUGA MENZIESII	DOUGLAS FIR	3.5M HT.
* POC	63	PICEA OMORIKA	SERBIAN SPRUCE	3.5M HT.
TOC	54	THLUA OCCIDENTALIS SMARAGD	EMERALD GREEN CEDAR	1.75M H
BM	124	BUXUS MICROPHYLLA WINTER GEM	WINTER GEM BOXWOOD	#3
CK	48	CORNUS SERICEA KELSEVII	DWARE BED-OSIER DOGWOOD	#3
CT	135	CHOISYA TERMATA	MEXICAN MOCK ORANGE	#3
CB	31	CORNUS SANGUINEA	BLOODTWIG DOGWOOD	#3
EN	45	ESCALLONIA NEWPORT DWARF	NEWPORT DWARF ESCALLONIA	#3
JC	355	JUNIPERUS CHINENSIS MINT JULEP	SEAGREEN JUNIPER	#3
LP	27	LONICERA PLEATA	PRIVET HONEYSUCKLE	#3
MA	869	MAHONIA AQUIFOLIUM	OREGON GRAPE	#3
PC	13	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#3
PL.	66	PHILADELPHUS LEWISII VAR GORDONIANUS	MOCK ORANGE	#3
P.I	113	PIERIS JAPONICA FOREST FLAME	JAPANESE PIERIS	#3
PO	444	PRUNUS L. OTTO LUYKENS	OTTO LLIYKEN LAUREI	#3
PM	735	POLYSTICHUM MUNITEM	WESTERN SWORD FERN	#2
RA	8	RHODODENDRON ALBIFLORUM	WHITE-FLOWERED RHOOD.	#3
RB	51	RHODOGENDRON BOW BELLS	BOW BELL RHODG.	#3
RC	15		CHEER RHODO.	#3
RD.	47	RHODODENDRON CHEER		#3
		RHODODENDRON DORA AMETEIS	DORA AMETEIS RHODO.	#3
RH	121	RHODODENDRON HACHMANN'S FANTASTICA		
RM BB	7 23	RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	#3
		RHODO, ROYAL PINK	ROYAL PINK RHODO.	
RU	214	RHODODEDRON UNIQUE	UNIQUE RHODO.	#3
SV	10	SYPINGA VULGARIS PRESIDENT LINCOLN	LILAC	#3
SP	97	SPIRAEA JAPONICA LITTLE PRINCESS	LITTLE PRINCESS SPIRAEA	#3
SC	9	SHEPHERDIA CANADENSIS	SOAPBERRY	#3
SD	67	SPIRAEA DOUGLASII SSP.DOUGLASI	HARDHACK	#3
SH	58	SARCOCOCCA HOOKERANA HUMILIS	HIMALAYAN SWEET BOX	#3
SJ	245	SKIMMA JAPONICA REEVESIANA	JAPANESE SKIMMA	#3
SY	135	SYMPHORICARPOS ALBUS	COMMON SNOWBERRY	#3
VD	223	VIBURNUM DAVIDI	DAVID'S VIBURNUM	#3
VP	65	VACCINIUM PARVIFOLIUM	RED HUCKLEBERRY	#3
AC	293	ASTILBE CHINENSIS VISIONS	ASTILBE	#1
Al	3	ALCHEMILLA MOLLIS	LADY'S MANTLE	#1
CM	202	COREOPSIS VERTICILLATA MOONBEAM	MOONBEAM TICKSEED	#1
CZ	429	COREOPSIS VERTICILLATA ZAGREB	ZAGREB TICKSEED	#1
DE	126	DRYOPTERIS ERYTHROSORA BRILLIANCE	AUTUMN FERN	#1
EB	112	ERYSIMUM BOWLES MAUVE	PURPLE WALLFLOWER	#1
FC	85	FUPHORBIA CHARACIAS WUI FENII	WOOD SPURGE	#1
EP	213	ECHINACEA PURPUREA MAGNUS	PURPLE CONEFLOWER	#1
6S	1261	GAULTHERIA SHALLON	SALAL	#1
HF	28	HELICTRICHON SEMPERVIRONS	BLUE DAT GRASS	#1
HM	1212	HEUCHERA MICRANTHA VAR.	CORAL BELLS	#1
пм	1212		COUNT DELLS	97.1
		DIVERSIFOLIA 'PALACE PURPLE'	B. D. D. D.	
HS	594	HEMEROCALIS STELLA D'ORO	DAY LILY	#1
HT	179	HOSTA TARDIANA HALCYON	PLANTAIN LILY	#1
LA	280	LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER	#1
NT	85	NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	#1
W	240	NEPETA WALKER'S LOW	WALKER'S LOW CATMINT	#1
PA	77	PENNISETUM ALOPECUROIDES HAMELIN	DWARF FOUNTAIN GRASS	#1
RF	282	RUDBECKIA FULGIDA var GOLDSTRUM	BLACK EYED SUSAN	#1

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. & 16487 23 AVE.,

SURREY, B.C.

BLDG PLAN - 6 SHEET TITLE LANDSCAPE F 14, 15, 16, 23, 2



REVIS LAUNE 13

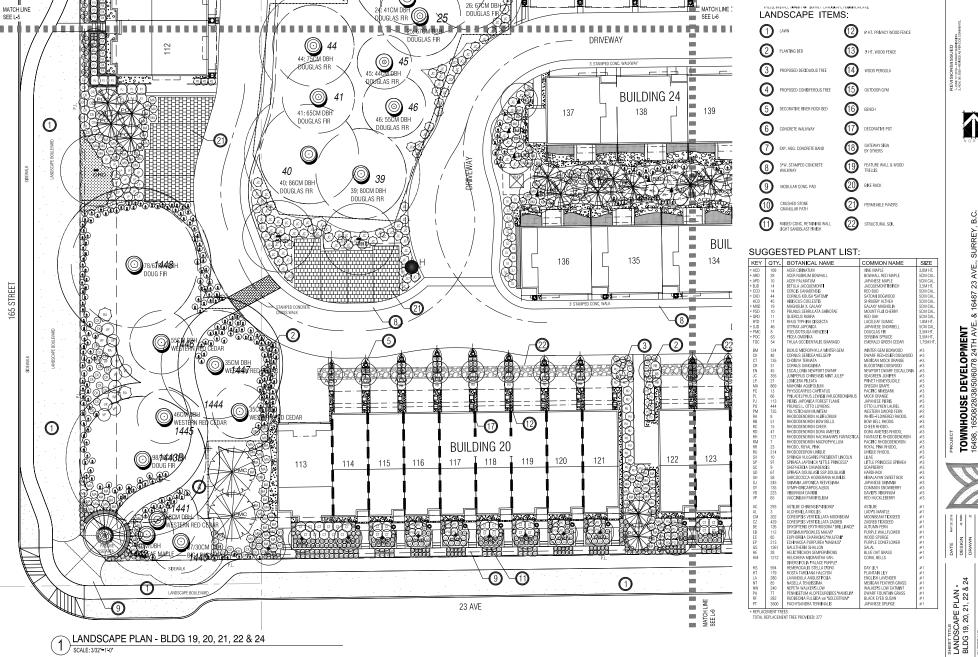


SURREY, 23 AVE., 16487 ∞

B.C.

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. : HUMMINGBIRD PROPERTIES - DP 17-BARNETT DEMBEK ARCHITECTS INC.

- BLDG 29 & 30 PLAN 14, 27, LANDSCAPE F 10, 11, 12, 13, 1 SHEET NO.

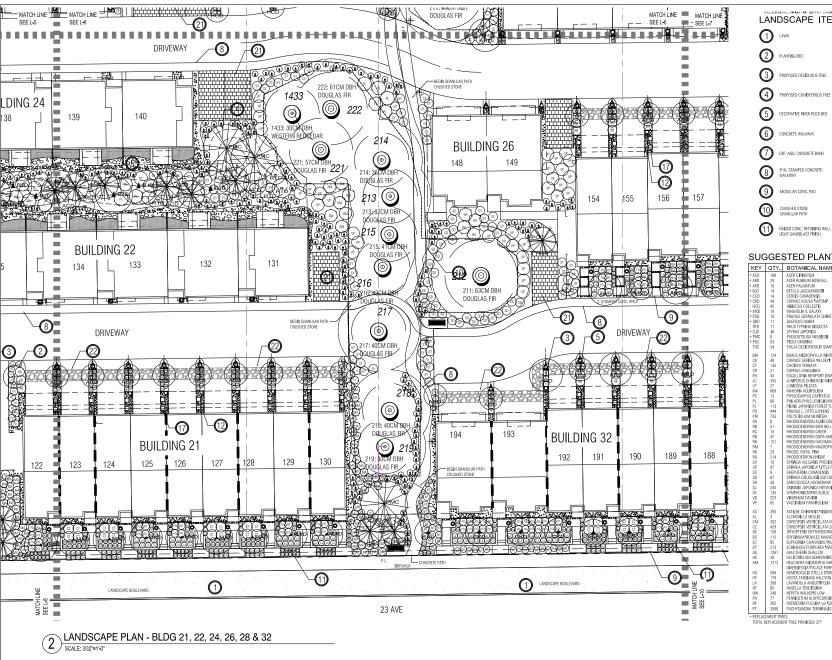




23 AVE., 16487 ∞

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. HUMMINGBIRD PROPERTIES - DP 17. BARNETT DEMBEK ARCHITECTS INC.

24



LANDSCAPE ITEMS:

(12) # HT. PRIVACY WOOD FENCE (13) 3 HT. WOOD FENCE

 PROPOSED DECIDUOUS TREE (14) WOOD PERGOLA

(15) ОПТОООЯ СУМ PROPOSED CONIDFEROUS TREE

(16) BENCH (17) DECORATIVE POT 6 CONCRETE WALKWAY

(7) EXP. AGG. CONCRETE BAND

19 FEATURE WALL & WOOD TRELLIS

20) BIKE RACK MODULAR CONC. PAD 21) PERMEABLE PAVERS

22) STRUCTURAL SOIL

SUGGESTED PLANT LIST:

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
* ACD	109	ACER CIBINATUM	VINE MAPLE	3.0M HT.
* ARD	29	ACER RUBRUM BOWHALL	BOWHALL RED MAPLE	5CM CAL.
* APD	10	ACER PALMATUM	JAPANESE MAPLE	5CM CAL.
* BJD	14	BETULA JACQUEMONTII	JACQUEMONTII BIRCH	3.5M HT.
* CCD	14	CERCIS CANADENSIS	RED BUD	5CM CAL.
* CKD	44	CORNUS KOUSA SATOMI	SATOM DOGWOOD	5CM CAL.
HCD	45	HIBISCUS COELESTIS	SHRUBBY ALTHEA	5CM CAL.
* MXD	19	MAGNOLIA X. GALAXY	GALAXY MAGNOLIA	5CM CAL.
* PSD	10	PRUNUS SERRULATA SHIROTAE	MOUNT FUJI CHERRY	5CM CAL.
◆ QRD	11	QUERCUS RUBRA	RED GAK	5CM CAL.
RTD	17	RHUS TYPHINA DISSECTA	LACELEAF SUMAC	1.8M HT.
* SJD	46	STYRAX JAPONICA	JAPANESE SNOWBELL	5CM CAL.
* PMC	8	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	3.5M HT.
* P0C	63	PICEA OMORIKA	SERBIAN SPRUCE	3.5M HT.
TOC	54	THUJA OCCIDENTALIS SMARAGD	EMERALD GREEN CEDAR	1.75M HT.
BM	124	BUXUS MICROPHYLLA WINTER GEM	WINTER GEM BOXWOOD	#3
CK	48	CORNUS SERICEA KELSEYI	DWARF RED-OSIER DOGWOOD	#3
CT	135	CHOISYA TERNATA	MEXICAN MOCK ORANGE	#3
CB	31	CORNUS SANGUINEA	BLOODTWIG DOGWOOD	#3
EN	45	ESCALLONIA NEWPORT DWARF	NEWPORT DWARF ESCALLONIA	#3
JC	355	JUMPERUS CHINENSIS MINT JULEP	SEAGREEN JUMPER	#3
IP.	27	LONICERA PLEATA	PRIVET HONEYSLICKLE	#3
MA	869	MAHONIA AQUIFOLIUM	OREGON GRAPE	#3
PC	13	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#3
PL	66	PHILADELPHUS LEWISII VAR.GORDONIANUS	MOCK ORANGE	#3
P.J	113	PIERIS JAPONICA FOREST FLAME	JAPANESE PIERIS	#3
PD	444	PRUNUS L. OTTO LUYKENS	OTTO LINKEN LAUREI	#3
PM	735	POLYSTICHUM MUNITEM	WESTERN SWORD FERN	#2
BA	8	RHODODENDRON ALBIFLORUM	WHITE-FLOWERED RHODO.	#3
BB.	51	RHODODENDRON BOW BELLS	BOW BELL RHOOD.	#3
RC	15	RHODODENDRON CHEER	CHEER RHODO.	#3
RD	47	RHODODENDRON DORA AMETEIS	DORA AMETEIS RHODO.	#3
RH	121	RHODODENDRON HACHMANN'S FANTASTICA		#3
RM	7	RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	#3
RR	23	RHODO, ROYAL PINK	ROYAL PINK RHODO.	#3
RU	214	RHODODEDRON UNIQUE	UNIQUE RHODO.	#3
SV	10	SYRINGA VULGARIS PRESIDENT LINCOLN	LILAC	#3
SP	97	SPIRAEA JAPONICA LITTLE PRINCESS	LITTLE PRINCESS SPIRAEA	#3
SC	9	SHEPHERDIA CANADENSIS	SOAPBERRY	#3
SD	67	SPIRAEA DOUGLASII SSP.DOUGLASII	HARDHACK	#3
SH	58	SARCOCOCCA HOOKERANA HUMILIS	HIMALAYAN SWEET BOX	#3
SJ	245	SKIMINIA JAPONICA REEVESIANA	JAPANESE SKIMMIA	#3
SY	135	SYMPHORICARPOS ALBUS	COMMON SNOWBERRY	#3
VD	223	VIBURNUM DAVIDII	DAVID'S VIBURNUM	#3
VP	65	VACCINIUM PARVIFOLIUM	RED HUCKLEBERRY	#3
AC	293	ASTILBE CHINENSIS VISIONS	ASTILBE	#1
AL	3	ALCHEMILLA MOLLIS	LADY'S MANTLE	#1
CM	202	COREOPSIS VERTICILLATA MOONBEAM	MOONBEAM TICKSEED	#1
CZ	429	COREOPSIS VERTICILLATA ZAGREB	ZAGREB TICKSEED	#1
DE	126	DRYOPTERIS ERYTHROSORA BRILLIANCE	AUTUMN FERN	#1
EB	112	ERYSIMUM BOWLES MAUVE	PURPLE WALLFLOWER	#1
EC	85	EUPHORBIA CHARACIAS WULFENII	WOOD SPURGE	#1
FP	213	ECHINACEA PURPUREA MAGNUS	PURPLE CONFELOWER	#1
GS	1261	GAULTHERIA SHALLON	SALAI	#1
HE	28	HELICTRICHON SEMPERVIRONS	BLUE DAT GRASS	#1
HM	1212	HEUCHERA MICRANTHA VAR.	CORAL BELLS	#1
		DIVERSIFOLIA PALACE PURPLE		
HS	594	HEMEROCALIS STELLA D'ORO	DAY LILY	#1
HT	179	HOSTA TARDIANA HALCYON	PLANTAIN ULY	#1
LA	280	LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER	#1
NT	85	NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	#1
NW	240	NEPETA WALKER'S LOW	WALKER'S LOW CATMINT	#1
PA	77	PENNISETUM ALOPECUROIDES HAMELIN	DWARF FOUNTAIN GRASS	#1
BF.	282	RUDBECKIA FULGIDA var GOLDSTRUM	BLACK EYED SUSAN	#1
HF	282	NUMICULUS ISS RUBBLE PAR STUDIOS HUM	DUNUK ETEU SUSAN	·F

JAPANESE SPURGE

TOTAL REPLACEMENT TREE PROVIDED: 377

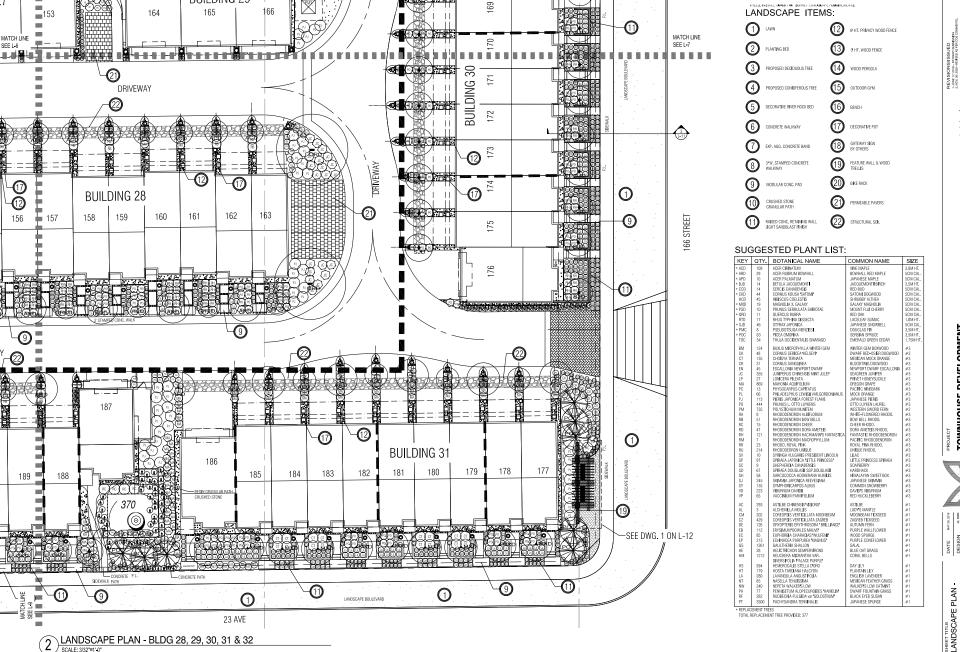
TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE.

SURREY,

23 AVE.,

16487 ∞ర

32 SHEET TITLE LANDSCAPE PLANM -BLDG 21, 22, 24, 26, 28 & 35



DUILDING 29

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE.

B.C.

SURREY,

23 AVE.,

16487

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: HUMMINGBIRD PROPERTIES - DP 17-BARNETT DEMBEK ARCHITECTS INC.

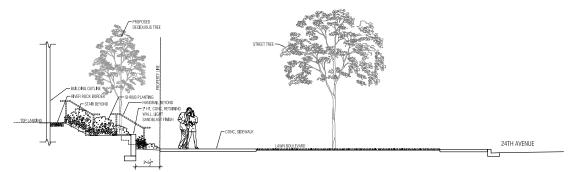
PLAN - 30, 31 & 3 SHEET TITLE
LANDSCAPE F
BLDG 28, 29, 30

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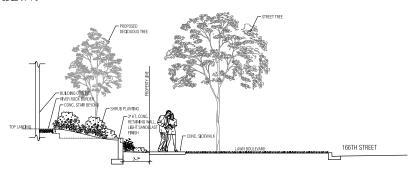
TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. & 16487 23 AVE., SURREY, B.C. DEVELOPER: HUMMINGBIRD PROPERTIES - DP 17-03 ARCHITECT: BARNETT DEMBEK ARCHITECTS INC.

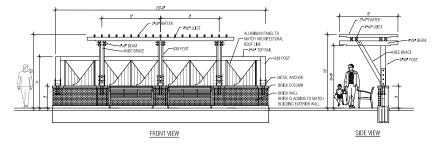
BUILDING OUTLINE -CONC. STAIR -BEYOND RIVER ROCK BORDER -TOP LANDING TYP. 2' HT. CONC.— RETAINING WALL, LIGHT SANDBLAST_FNISH 165TH STREET

TYP. SECTION - FRONT YARD ALONG 165TH STREET

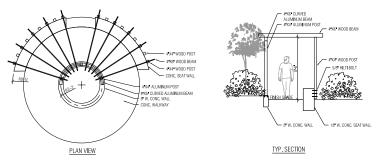


TYP. SECTION - FRONT YARD ALONG 24TH AVENUE

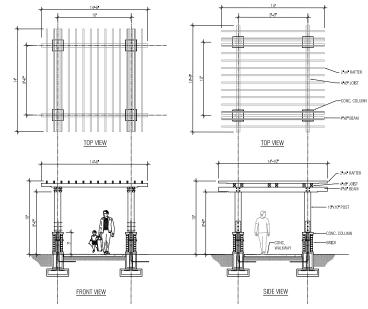




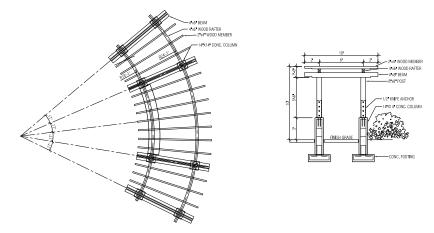
CORNER PLAZA - FEATURE WALL & TRELLIS SCALE: 1/4"=1'-0"



CURVED WOOD PERGOLA - TYPE A SCALE: 1/4"=1'-0"



SITE ENTRANCE PERGOLA SCALE: 1/4"=1'-0"

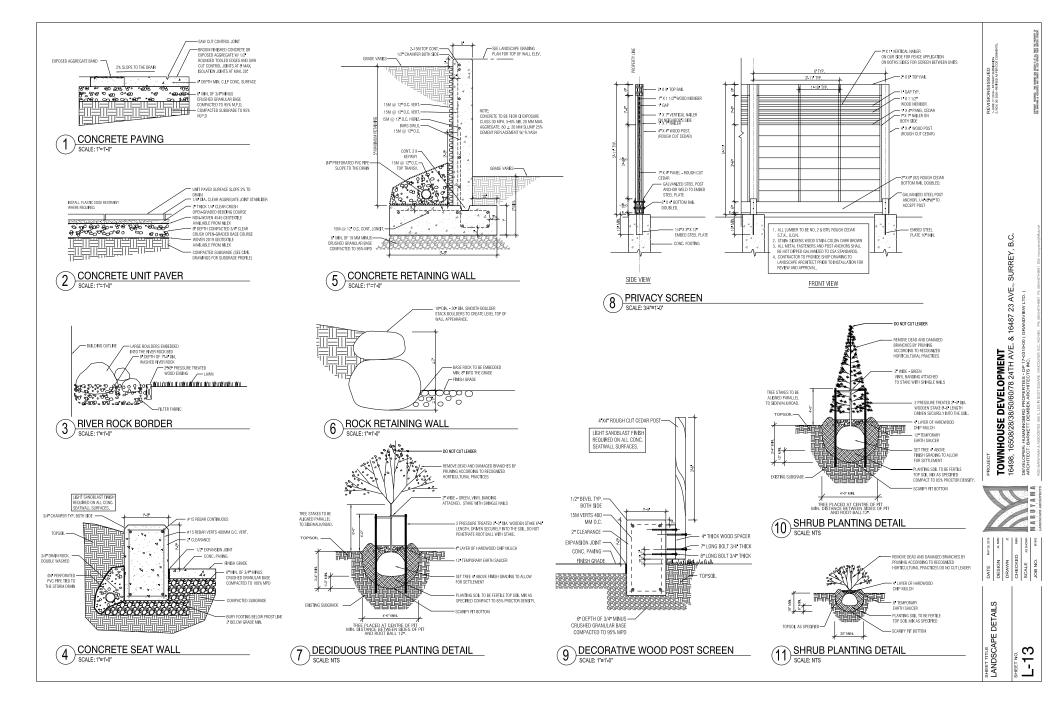


CURVED WOOD PERGOLA - TYPE B SCALE: 1/4"=1'-0"

TOWNHOUSE DEVELOPMENT 16498, 16508/28/38/50/60/78 24TH AVE. & 16487 23 AVE., SURREY, B.C.

DEVELOPER: HUMMINGBIRD PROPERTIES - DP 17-03 ARCHITECT: BARNETT DEMBEK ARCHITECTS INC.

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INTER-OFFICE MEMO

TO: Manager, Area Planning & Development

- South Surrey Division

Planning and Development Department

FROM: Development Engineer, Engineering Department

DATE: November 25, 2020 PROJECT FILE: 7817-0315-00

RE: Engineering Requirements

Location: 16487 23 Ave; 16498 24 Ave; 16560 24 Ave; 16578 24 Ave; 16538 24 Ave;

16550 24 Ave; 16528 24 Ave; 16508 24 Ave; and 16596 24 Ave.

NCP AMENDMENT

There are no engineering requirements relative to the NCP Amendment.

REZONE & SUBDIVISION

Property and Right-of-Way Requirements

- Dedicate 10.642 metres along 24 Avenue;
- Dedicate 12.50 metres along 23 Avenue;
- Dedicate 3.0-metre x 3.0-metre corner cut at the intersection of 166 Street and 23 Avenue;
- Dedicate 5.0-metre x 5.0-metre corner cut at the intersection of 24 Avenue and 167 Street;
- Register 0.50 metre statutory right-of-way (SRW) along all road frontages.

Works and Services

- Construct 165 Street to local road standard;
- Construct 166 Street to local road standard;
- Construct 24 Avenue MUP to multi-use pathway standard;
- Construct 23 Avenue to local road standard;
- Construct drainage, water, and sanitary service connections, complete with inspection chambers and water meter, to the lot. Any existing service connections are to be abandoned:
- Construct drainage, water, and sanitary mains along road frontages required to service the site

A Servicing Agreement is required prior to Rezone & Subdivision. A processing fee of \$45,822.00 is required.

DEVELOPMENT PERMIT & DEVELOPMENT VARIANCE PERMIT

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

Tommy Buchmann, P.Eng.

Development Engineer

M51



December 15, 2020

Planning

THE IMPACT ON SCHOOLS

APPLICATION #: 17 0315 00

SUMMARY

The proposed 194 townhouse units are estimated to have the following impact on the following schools:

Projected enrolment at Surrey School District for this development:

Elementary Students:	49
Secondary Students:	31

September 2020 Enrolment/School Capacity

Pacific Heights Elementary	
Enrolment (K/1-7):	106 K + 474
Operating Capacity (K/1-7)	76 K + 512
Earl Marriott Secondary	
Enrolment (8-12):	1882
Capacity (8-12):	1500

rojected population of school-age children for this development: 97

Population: The projected population of children aged 0-19 Impacted by the development. **Enrolment**: The number of students projected to attend the Surrey School District ONLY.

School Enrolment Projections and Planning Update:

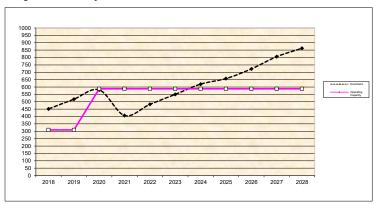
The following tables illustrate the enrolment projections (with current/approved ministry capacity) for the elementary and secondary schools serving the proposed development.

In March 2020, a new twelve-classroom addition opened at Pacific Heights Elementary. As of September 2020, school enrolment was below the new school capacity of 588 by 8 students.

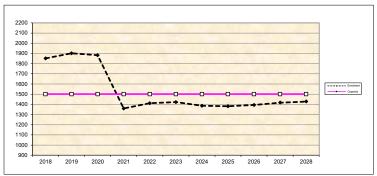
The new Edgewood Elementary, located at 16666 23rd Avenue (Sunnyside Heights NCP), targeted to open early 2021 will reduce the existing Pacific Heights catchment by almost half. As part of the District's boundary change process, the District consulted with the school community in the fall 2019 to determine the required boundary changes within this Grandview Heights community. The 10-year projections indicate that the growth trend will continue to be strong and Pacific Heights Elementary will surpass 100% occupancy by 2024, even with a smaller catchment.

To relieve the pressure at Earl Marriot, a new 1500 capacity high school, Grandview Heights Secondary, located on 26th Ave next to the existing Pacific Heights Elementary is currently in construction; and targeted to open September 2021; which will provide some enrolment relief to both Earl Marriott and Semiahmoo Secondary schools. Pacific Heights will feed the new secondary school.

Pacific Heights Elementary



Earl Marriott Secondary



^{*} Nominal Capacity is estimated by multiplying the number of enrolling spaces by 25 students. Maximum operating capacity is estimated by multipying the number of enrolling spaces by 27 students.

MIKE FADUM AND ASSOCIATES LTD. VEGETATION CONSULTANTS

Tree Preservation Summary

Surrey Project No: 17-0315-00

Address: 16487-23 Avenue and 16498, 16508, 16528, 16538, 16550, 16560, 16578-24 Avenue, Surrey,

BC

Registered Arborist: Jeff Ross #PN-7991A

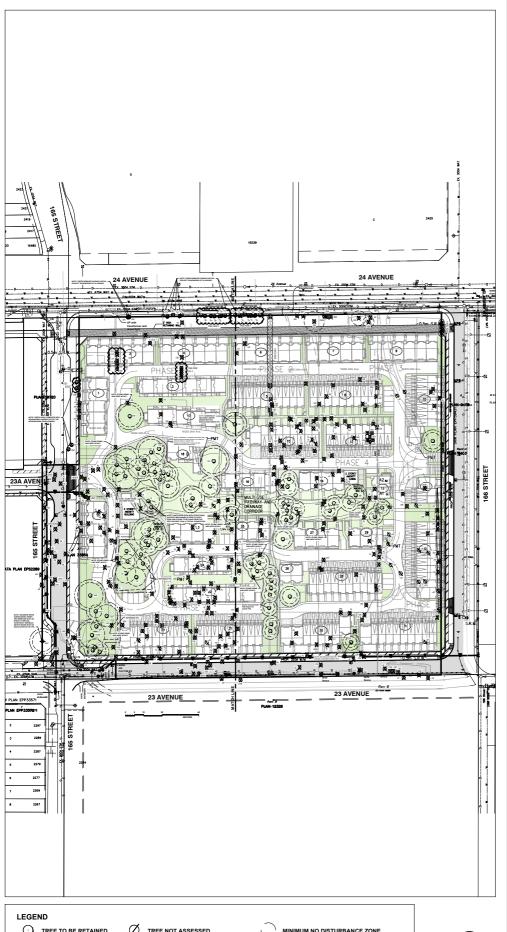
On-Site Trees	Number of Trees
Protected Trees Identified	
(on-site and shared trees, including trees within boulevards and proposed streets	432
and lanes, but excluding trees in proposed open space or riparian areas)	
Protected Trees to be Removed	362
Protected Trees to be Retained	70
(excluding trees within proposed open space or riparian areas)	70
Total Replacement Trees Required: - Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 152 X one (1) = 152 - All other Trees Requiring 2 to 1 Replacement Ratio 210 X two (2) = 420	572
Replacement Trees Proposed	377
Replacement Trees in Deficit	195
Protected Trees to be Retained in Proposed [Open Space / Riparian Areas]	NA

Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Removed	2
Total Replacement Trees Required:	
- Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 1 X one (1) = 1	3
- All other Trees Requiring 2 to 1 Replacement Ratio 1 X two (2) = 2	
Replacement Trees Proposed	NA
Replacement Trees in Deficit	NA

Summary report and plan prepared and submitted by: Mike Fadum and Associates Ltd.			
Signature of Arborist:	Date: December 8, 2020		







MIKE FADUM AND ASSOCIATES LTD. VEGETATION CONSULTANTS

#105, 8277 129 St. Surrey, British Columbia V3W 0A6 Ph: (778) 593-0300

Fax: (778) 593-0302 Email: mfadum@fadum.ca

CLIENT

GRAMERCY DEVELOPMENTS LTD.

FILE NO.

PROJECT TITLE

TREE PRESERVATION AND PROTECTION PLAN

16498, 16508, 16528 16538, 16550, 16560, 16578 24 AVENUE 16487 23 AVENUE SURREY, B.C.

RI	REVISIONS:					
NO.	DATE	BY	REVISION			
1	MAY29/17	MK	SITE PLAN			
2	JUN13/17	MK	ADDITIONAL SURVEY			
3	NOV14/17	MK	REVISED SITE PLAN			
4	APR03/18	MK	REVISED SITE PLAN			
5	MAR12/19	MK	REVISED SITE PLAN			
6	JUN28/19	MK	REVISED SITE PLAN			
7	AUG22/19	SGL	REVISED SITE PLAN			
8	AUG27/20	мк	REVISIONS			
9	SEPT03/20	мк	KEY PLAN			
10	OCT08/20	MK	REVISED SITE PLAN			
11	OCT22/20	мк	REVISED KEY PLAN			

NOV13/20 MK

REVISED KEY PLAN

- HERAL NOTES:

 REASSESS ALL RETAINED TREES WITH FINAL
 BUILDING AND CONSTRUCTION PLANS.

 ALL EDGE TREES TO INDERFOR AN EDGE TREE

 RULE REASESS ALL RETAINED THE SET OF BE REASESSED FOR

 RISK RATING WITH FINAL DEVELOPMENT.

 REMOVAL OR ROOFFICATION OF REAL DEFE AND

 PROJECT ARBORRST TO IDENTIFY STUMPS TO BE

 LEFT IN GROUND AT TIME OF LAND CLEARING.

 PROJECT ARBORRST TO DIRECT EXCLAVATION

 PROJECT ARBORRST TO DIRECT EXCLAVATION

 PROJECT ARBORRST TO MERCET EXCLAVATION

 PROJECT ARBORRST TO MERCET EXCLAVATION

 REASSESS TREES AT THIS TIME.

SHEET TITLE

T1 - TREE PRESERVATION AND REMOVAL PLAN **KEY PLAN**

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MK

AS SHOWN

FEBRUARY 15, 2017

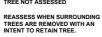


TREE TO BE RETAINED

TREE TO BE REMOVED

NON BY-LAW TREE

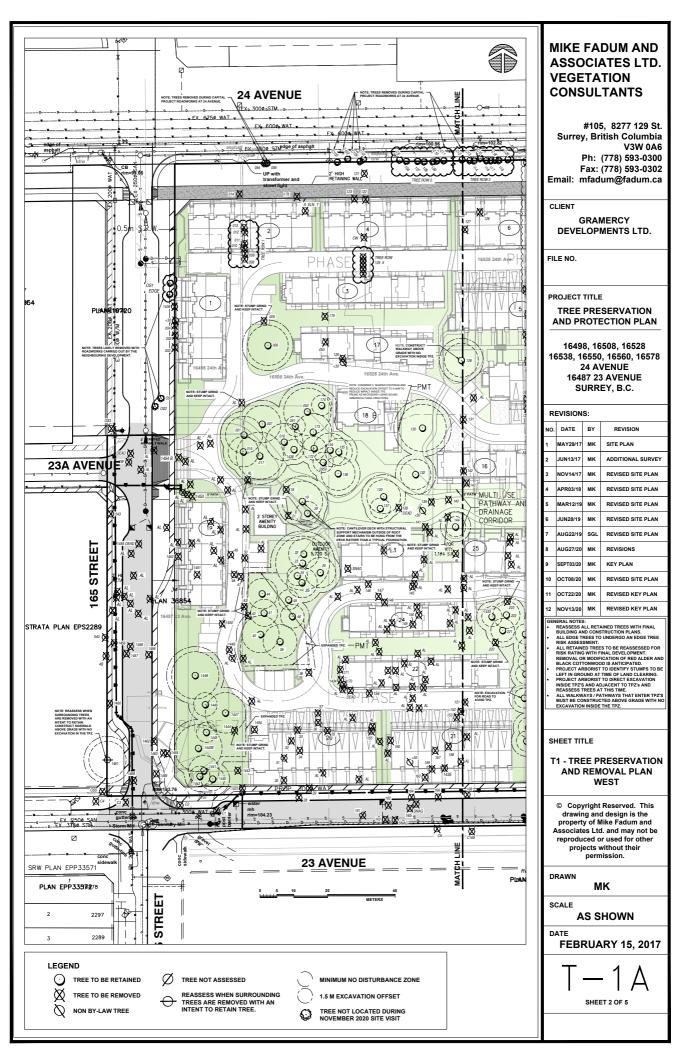
TREE NOT ASSESSED

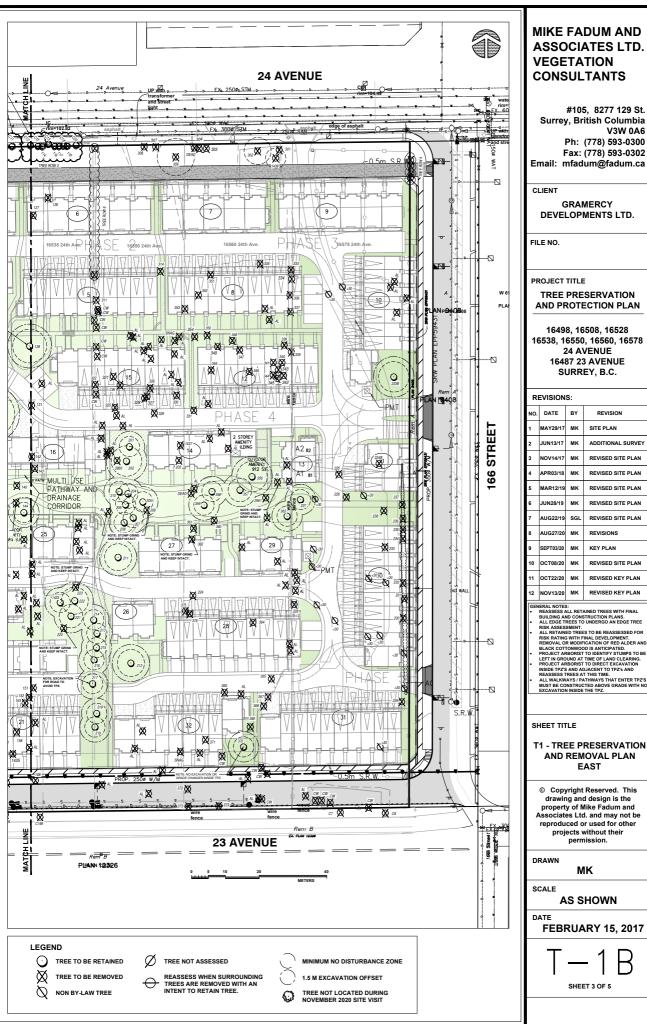




1.5 M EXCAVATION OFFSET

TREE NOT LOCATED DURING NOVEMBER 2020 SITE VISIT





MIKE FADUM AND ASSOCIATES LTD.

#105, 8277 129 St. Surrey, British Columbia V3W 0A6 Ph: (778) 593-0300 Fax: (778) 593-0302 Email: mfadum@fadum.ca

AND PROTECTION PLAN

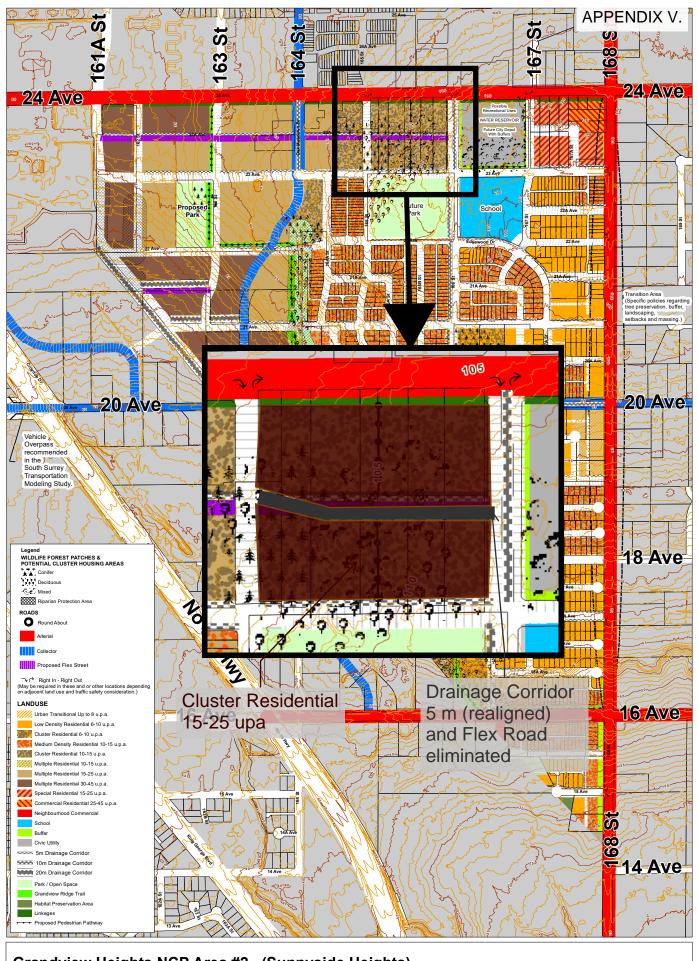
16538, 16550, 16560, 16578 16487 23 AVENUE

R	REVISIONS:						
NO.	DATE	BY	REVISION				
1	MAY29/17	мк	SITE PLAN				
2	JUN13/17	MK	ADDITIONAL SURVEY				
3	NOV14/17	мк	REVISED SITE PLAN				
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7	AUG22/19	SGL	REVISED SITE PLAN				
8	AUG27/20	мк	REVISIONS				
9	SEPT03/20	мк	KEY PLAN				
10	OCT08/20	мк	REVISED SITE PLAN				
11	OCT22/20	мк	REVISED KEY PLAN				
	NOVANION	MV	DEVICED KEY DI ANI				

AND REMOVAL PLAN

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FEBRUARY 15, 2017



Grandview Heights NCP Area #2 (Sunnyside Heights)

City of Surrey Planning & Development Department

V:\Policy&Long Range\GIS_ANALYSIS\SECONDARY PLANS\NCI

CITY OF SURREY

(the "City")

DEVELOPMENT VARIANCE PERMIT

NO.: 7917-0315-00

Issued To:

Address of Owner:

Issued To: City of Surrey

Address of Owner: 13450 – 104 Avenue

Surrey, BC V₃T ₁V8

(collectively referred to as the Owner")

- 1. This development variance permit is issued subject to compliance by the Owner with all statutes, by-laws, orders, regulations or agreements, except as specifically varied by this development variance permit.
- 2. This development variance permit applies to that real property including land with or without improvements located within the City of Surrey, with the legal description and civic address as follows:

Parcel Identifier: 007-977-450 Lot 1 Section 13 Township 1 New Westminster District Plan 19720

16498 - 24 Avenue

Parcel Identifier: 007-420-811 Lot 34 Section 13 Township 1 New Westminster District Plan 36854

16487 - 23 Avenue

Parcel Identifier: 011-386-321 West 105 Feet Lot "B" Section 13 Township 1 New Westminster District Plan 9408

16560 - 24 Avenue

Parcel Identifier: 003-970-060 Lot "B" Except: West 105 Feet, Section 13 Township 1 New Westminster District Plan 9408

16578 - 24 Avenue

Parcel Identifier: 011-386-371 West 50 Feet Lot "C" Section 13 Township 1 New Westminster District Plan 9408

16538 - 24 Avenue

Parcel Identifier: 000-506-427 Lot "C" Except: West 50 Feet, Section 13 Township 1 New Westminster District Plan 9408

16550 - 24 Avenue

Parcel Identifier: 006-154-913 Lot "D" Section 13 Township 1 New Westminster District Plan 9197

16528 - 24 Avenue

Parcel Identifier: 011-382-015 Lot "E" Section 13 Township 1 New Westminster District Plan 9197

16508 - 24 Avenue

Parcel Identifier: 011-386-282 Lot A Section 13 Township 1 New Westminster District Plan 9408 Except Plan EPP59432

16596 - 24 Avenue

(the "Land")

3. (a) As the legal description of the Land is to change, the City Clerk is directed to insert the new legal description for the Land once titles have been issued, as follows:

Parcel Identifier:

- (b) If the civic addresses change, the City Clerk is directed to insert the new civic address for the Land, as follows:
- 4. Surrey Zoning By-law, 1993, No. 12000, as amended is varied as follows:
 - (a) In Subsection F. Yards and Setbacks of Part 22 Multiple Residential 30 Zone, the minimum west setback is reduced from 4.5 metres to 4.0 metres; and
 - (b) In Subsection F. Yards and Setbacks of Part 22 Multiple Residential 30 Zone, the minimum south setback is reduced from 4.5 metres to 3.9 metres.

construction with respect to which this development variance permit is issued, within two (2) years after the date this development variance permit is issued.		3
provisions of this development variance permit. 7. This development variance permit shall lapse if the Owner does not substantially start any construction with respect to which this development variance permit is issued, within two (2) years after the date this development variance permit is issued. 8. The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land. 9. This development variance permit is not a building permit. AUTHORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20.	5.	Schedule A which is attached hereto and forms part of this development variance permit. This development variance permit does not apply to additions to, or replacement of, any of the existing buildings shown on attached Schedule A, which is attached hereto and
construction with respect to which this development variance permit is issued, within two (2) years after the date this development variance permit is issued. 8. The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land. 9. This development variance permit is not a building permit. AUTHORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20 .	6.	
persons who acquire an interest in the Land. 9. This development variance permit is not a building permit. AUTHORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20 .	7.	This development variance permit shall lapse if the Owner does not substantially start any construction with respect to which this development variance permit is issued, within two (2) years after the date this development variance permit is issued.
AUTHORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20 .	8.	The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land.
MODULED TIME DAM OF	9.	This development variance permit is not a building permit.
		D THUR DAY OF
Mayor - Doug McCallum		Mayor – Doug McCallum

City Clerk – Jennifer Ficocelli

IO.6m ROAD DEDICATION <u>_</u>0 24 AVENUE -5.0m X 5.0m CORNER CUT West setback 4.5 m to 4 m 23 AVENUE 12.8m ROAD DEDICATION South setback reduced CONCEPTUAL SITE PLAN from 4.5 m to 3.9 m SCALE : I" = 40'-0"

Schedule A

DEVELOPMENT DATA

GROSS SITE AREA: 444,I06 S.F. IO.I95 AC 4.I26 HA ROAD DEDICATION: 70,026 S.F. 1.608 AC 0.651 HA 374,080 S.F. 8.587 AC 3.475 HA NET SITE AREA :

MULTI-USE PATHWAY &

DRAINAGE CORRIDOR AREA: 34,754 S.F. 0.798 AC 0.323 HA

DENSITY: 22.6 U.P.A 61.5 U.P.HA. (194 UNITS) F.A.R. O.74 (275,05l S.F.) (25,553 m2)

SITE COVERAGE:

BUILDING HEIGHT: 12.8 m

AMENITY:

REQUIRED:

194 x 3m2/UNIT = 582 m2 (6,265 S.F.) INDOOR: OUTDOOR: 194 x 3m2/UNIT = 582 m2 (6,265 S.F.)

PROVIDED: INDOOR: 324.2 m2 (3,490 S.F.)

OUTDOOR: 726.2 m2 (7,817 S.F.)

(NOT INCLUDING MUP & TPZ & DRAINAGE & SETBACKS)

OUTDOOR AMENITY OUTSIDE TPZ AND INSIDE SETBACKS:

1897.9 m2 (20,429 S.F.) (AREA HATCHED ON THE PLAN)

AMENITY BUILDING HEIGHT: 7.26 m

SETBACKS:

NORTH: 4,57m SOUTH: 3.96m EAST: 4.5m WEST: 4.0m

PARKING:

REQUIRED: RESIDENTIAL: 194 UNITS x 2 = 388 SPACES

VISITOR: 194 UNITS x 0.2 = 38.8 SPACES

PROVIDED:

RESIDENTIAL: 388 SPACES VISITOR: 39 SPACES

72 A UNITS 97 TANDEM GARAGE UNITS 25 B UNITS 97 C UNITS 97 DOUBLE GARAGE UNITS 194 UNITS

194 UNITS GREEN SPACE:

119,585 S.F. 36%

UNIT	UNIT AREA	NO. OF UNITS	TOTAL ARE
А	1,530	22	33,66
A1	1,574	5	7,87
A2	1,544	5	7,72
A3	1,544	4	6,17
Α4	1,580	4	6,32
A5	1,640	3	4,92
A6	1,590	1	1,59
A7	1,620	1	1,62
A8	1,740	1	1,74
A9	1,618	1	1,61
A10	1,631	1	1,63
A11	1,546	6	9,27
A12	1,595	5	7,97
A13	1,573	3	4,71
A14	1,667	6	10,00
A15	1,696	2	3,39
A16	1,717	2	3,43
В	1,502	16	24,03
B1	1,527	1	1,52
B2	1,543	2	3,08
B3	1,504	3	4,51
B4	1,508	3	4,52
C	1,261	65	81,96
C1	1,277	5	6,38
C4	1,305	9	11,74
C5	1,260	10	12,60
C6	1,318	1	1,31
C7	1,268	2	2,53
C8	1,260	4	5,04
C9	1,268	1	1,26
TOTAL RESIDENTIAL AREA			274,20
ELECTRI	CALROOMS/ 0	LOSETS	85
TOTALF	.A.R. AREA		275,05
AMENIT	IES		3,58

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barnett dembek

UNIT 135, 7536 130 STREET, SURREY, B.C. V3W 1H8

PHONE: (604) 597-7100 FAX: (604) 597-2099 EMAIL: mail@bdarkitex.com

CLIENT NO.	SHEET NO. AC-1,1
PROJECT NO. 16072	REV. NO.