

City of Surrey
PLANNING \& DEVELOPMENT REPORT
Application No.: $\quad$ 7921-0358-oo

Planning Report Date: June 27, 2022
PROPOSAL:

- Development Permit
- Development Variance Permit
to permit the development of a Telus office and warehouse building of 6,952 square metres
LOCATION: 15079-64 Avenue
ZONING:
IL
OCP DESIGNATION: Industrial
NCP DESIGNATION: n/a



## RECOMMENDATION SUMMARY

- Approval to draft Development Permit for Form and Character, Hazard Lands and Sensitive Ecosystems.
- Approval for Development Variance Permit to proceed to Public Notification.


## DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- Proposing to reduce the front yard setback requirements of the IL Zone from 7.5 metres to 6.7 metres for the parkade structure.
- Proposing to reduce the minimum streamside setback requirements of Part ${ }_{7} \mathrm{~A}$ of the Zoning By-law, for a Class A (red-coded) watercourse (Hyland Creek), from 30 metres from top of bank to a varying distance of 2.1 metres to 21.9 metres from top of bank.


## RATIONALE OF RECOMMENDATION

- The proposal complies with the Industrial designation in the Official Community Plan (OCP).
- The proposed density and building form are appropriate for this part of Newton. The proposed front yard setback variance is necessary due to the Special Building Setback requirements for lots fronting or flanking an arterial or collector road. In accordance with Part 7 Special Building Setbacks of Zoning By-law No. 12000, building setbacks are to be measured from the ultimate road right of way.
- The proposal partially complies with the Development Permit requirements in the OCP for Sensitive Ecosystems (Streamside Areas and Green Infrastructure Area). The subject property is located within the streamside protection area of a Class A watercourse (Hyland Creek) and within Corridor No. 76 of the Biodiversity Conservation Strategy (BCS), and part of the Green Infrastructure Area.
- The proposal complies with the Development Permit requirements in the OCP for Hazard Lands (Steep Slopes).
- The proposal complies with the Development Permit requirements in the OCP for Form and Character.
- The applicant's Qualified Environmental Professional (QEP) has submitted an Ecosystem Development Plan and Impact Mitigation Plan, which have been peer-reviewed by an independent, third-party QEP. The reports indicate that the proposed development, even with a reduced setback on the northern portion of the site, will not negatively impact the watercourse or riparian area. There is also a critical infrastructure public utility building already built on the northeast portion of the site, that needs to be retained, and is within Riparian Areas Protection Regulation (RAPR). The RAPR branch at the Province has approved retention of the building.
- The proposed streamside setback variance will help facilitate the construction of a new 3,755 square-metre office and a 3,197 square-metre warehouse facility. The proposal also includes restoration of 2,371 square metres of riparian area currently encroached upon by storage and parking on the site, and a voluntary contribution of \$170,000 to facilitate watercourse enhancements to the Hyland Creek system.
- The proposed street setbacks achieve a more urban, pedestrian streetscape in accordance with the Development Permit (Form and Character) design guidelines in the OCP.
- The proposed building achieves 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.
- The proposed sign has been comprehensively designed to be integrated with the design of the building and provides a comprehensive look for the development.
- The proposed sign is high quality and is of an appropriate size and scale for the development.


## RECOMMENDATION

The Planning \& Development Department recommends that:

1. Council authorize staff to draft Development Permit No. 7921-0358-oo including a comprehensive sign design package generally in accordance with the attached drawings (Appendix I) and the finalized Ecosystem Development Plan and geotechnical report.
2. Council approve Development Variance Permit No. 7921-0358-oo (Appendix IV) varying the following, to proceed to Public Notification:
(a) to reduce the minimum front yard setback of the Light Impact Industrial (IL) Zone from 7.5 metres to 6.7 metres to the principal building face of the eastern building; and
(b) to reduce the minimum setback distance for a Class A (red-coded) natural stream from 30 metres to 2.1 metres at the narrowest point and 21.9 metres at the widest point.
3. Council instruct staff to resolve the following issues prior to final approval:
(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) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
(c) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
(d) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
(e) submission of a finalized Ecosystem Development Plan and Impact Mitigation Plan to the satisfaction of City staff, as well as payment of voluntary contribution to the City to facilitate watercourse enhancements in the Hyland Creek system as discussed in this report;
(f) submission of a finalized Geotechnical Report and peer review to the satisfaction of the General Manager, Planning and Development Department;
(g) submission of a planting plan and cost estimate for replanting within the riparian area that remains on private property to the specifications and satisfaction of the Planning and Development Department;
(h) Submission of securities in lieu of demolition to accommodate the applicant's proposed building phasing plan;
(i) registration of combined Restrictive Covenant/Right-of-way against the portion of the riparian area that remains on private property to ensure safeguarding and maintenance of the riparian area in perpetuity; and
(j) registration of a right-of-way for public rights-of-passage for drainage access.

## SITE CONTEXT \& BACKGROUND

| Direction | Existing Use | OCP Designation | Existing Zone |
| :--- | :--- | :--- | :--- |
| Subject Site | Telus warehouse and storage | Industrial | IL |
| North: | Regent Christian Academy <br> and Hyland Creek riparian <br> area | Urban / Institutional | RA |
| East: | Superior City Services and one <br> single family dwelling | Industrial | IL |
| South (Across 64 <br> Avenue): | Townhouses | Urban / Townhouses <br> (15 upa max) | CD By-law No. <br> 1504o |
| West: | Vacant / riparian area (owned <br> by Regent Christian Academy) | Industrial | RA |

## Context \& Background

- The subject 2.2 hectares ( 5.6 acres) site is located on the north site of 64 Avenue, west of 152 Street. the property is not within a Secondary Land Use Plan and is between the South Newton NCP to the south and the East Newton South NCP to the north. The site is designated Industrial in the Official Community Plan (OCP) and is currently zoned "Light Industrial Zone (IL)". The Telus owned site contains a warehouse and outdoor storage area.
- The current warehouse is proposed to be demolished once construction of the proposed office and a portion of the warehouse building is complete. Subsequently, Phase 2 (warehouse and fleet parkade) will be constructed on the eastern portion of the site. The phasing influenced the design and location of the proposed buildings. Typically, demolition is a requirement before Final Approval, but as retaining the existing building is crucial to the operations until the new building is constructed, securities for the demolition will be collected in lieu.
- The site is subject to a Development Permit for Hazard Lands (Steep Slopes), as well as a Development Permit for Sensitive Ecosystems (Streamside Area \& Green Infrastructure Network).
- Hyland Creek, a Class A (red-coded) watercourse, is located along the north property line of the subject site. This area also includes a Green Infrastructure Network corridor.
- The property has a significant grade change (steep slope) extending from south to north located along the northern portion of the site, along the Hyland Creek ravine.


## DEVELOPMENT PROPOSAL

## Planning Considerations

- The applicant is proposing to develop the site under the existing "Light Industrial Zone (IL)", for office, warehouse and parkade (fleet/employee). No plan amendments or rezoning are required. The site is subject to a Development Permit for Form \& Character, Hazard Lands (Steep Slope) and Sensitive Ecosystems (Streamside Area \& Green Infrastructure Network).
- The proposal complies with requirements for building height and density of the IL Zone, and requests a variance to the south setback, and to the Streamside Setback identified under Part 7A of the Zoning By-law.
- As no subdivision or rezoning is being proposed, no road dedication is required. However, all setbacks are calculated from the ultimate property line, as per Part 7 Special Building Setbacks of Zoning By-law No. 12000, building setbacks are to be measured from the ultimate road right of way. More information on the variance is presented under the Zoning By-law section of this report.
- The gross site area is 22,974 square metres, and total proposed floor area is 15,853 square metres. This includes 3,755 square metres of office space, 3,197 square metres of warehouse area, 8,900 square metres of parkade and the retention of an existing 57 -square-metre public utility building. There are $4,738.8$ square metres of land considered undevelopable, within 5 metres of the top of bank.

|  | Proposed |
| :---: | :---: |
| Lot Area |  |
| Gross Site Area: | 22,974 square metres |
| Undevelopable Area: | 4,738.8 square metres |
| Net Site Area: | 18,235.2 square metres |
| Number of Lots: | 1 |
| Building Height: | 16 metres |
| Unit Density: | n/a |
| Floor Area Ratio (FAR): | 0.38 |
| Floor Area |  |
| Office: | 3,755 square metres |
| Warehouse: | 3,197 square metres |
| Parkade: | 8,900 square metres |
| Existing Public Utility Building | 57 square metres |
| TOTAL: | 15,853 square metres |

## Referrals

| Engineering: | The Engineering Department has no objection to the project <br> subject to the completion of Engineering servicing requirements as <br> outlined in Appendix II. |
| :--- | :--- |
|  |  |
| Culture: | Parks supports the proposed variance to the streamside setbacks <br> and will accept the applicant's voluntary contribution of \$170,ooo to <br> facilitate enhancements in the Hyland Creek Corridor. |
|  | Parks accepts the proposed minimum safeguarding of GIN corridor <br> 76 and would like further discussion about the proposed removal of <br> one additional tree. |
| Ministry of Forests, Lands, | Approval to retain a critical infrastructure building that is currently <br> encroaching on the riparian areas protected under Stream <br> Protection and Enhancement Area (SPEA) has been issued by the <br> Operations and <br> Rural Development: |
| Ministry of Forests, Lands, Natural Resource Operations and |  |
| Rural Development. |  |

## Transportation Considerations

- The site will be accessed via three driveways on 64 Avenue. The two on the eastern portion of the site are proposed mainly for large vehicles and fleet vehicles, with the western one primarily for passenger vehicle access. As the site is proposed to be subdivided, the western driveway will have an access easement to allow for access to the new lot as well.
- There is a one-way drive aisle proposed fronting the building and connecting the main visitor parking lot on the west, to the parkade on the east, to avoid left turns on 64 Avenue while maintaining circulation within the site.
- The site is approximately 130 metres from the bus stop on 64 Avenue for the 364 bus route and 200 metres from the bus stop on 152 Street for the 345 and 375 bus routes. Bike routes are present both on 152 Street and on 64 Avenue.


## Natural Area Considerations

- The riparian area at the north portion of the site along Hyland Creek, is not proposed to be conveyed to the City but is proposed to be enhanced and protected through a SROW/Easement combo. More information is provided under the Development Permit section of this report.


## Sustainability Considerations

- The applicant has met all of the typical sustainable development criteria, as indicated in the Sustainable Development Checklist.
- In addition, the applicant has highlighted the following sustainable features:
- The design of the project incorporates several areas of high albedo roof surfaces which help to mitigate heat island effect, including approximately 460 square metres of solar panel array which shades the roof below, approximately 100 square metres of extensive green roof system on the rooftop, and approximately 160 square metres of landscaped amenity space on the rooftops of the second and third floors.


## POLICY \& BY-LAW CONSIDERATIONS

## Regional Growth Strategy

- Proposal complies with Industrial designation in the Regional Growth Strategy.

Official Community Plan
Land Use Designation

- Proposal complies with Industrial designation in the Official Community Plan (OCP).


## Themes/Policies

- C1.1o Protect natural watercourses from encroaching development and enhance and improve where necessary.
(The proposal will enhance and restore a 2,371 square metres of riparian area currently encroaching on the Stream Protection and Enhancement Area (SPEA). The applicant is also proposing a voluntary contribution of $\$ 170,000$ for further enhancements along the Hyland Creek system).
- C1.34 Encourage upgrading of existing buildings during alterations, additions, or redevelopment to accommodate infrastructure for solar hot water and/or electric vehicle charging stations.
(The proposal includes several solar panels to be located on the rooftop of the parkade).
- Di.1 Utilize the Ecosystem Management Strategy and the Biodiversity Conservation Strategy (as amended) to guide the management and protection of Surrey's diverse ecosystems.
(The GIN corridor along Hyland Creek is proposed to be protected through this proposal. The GIN corridor is smaller than the Stream Protection and Enhancement Area (SPEA) and will not be affected by the requested variance to Part 7 A of the Zoning By-law).
- Di.9 Encourage ecological restoration of riparian and/or significant natural areas to improve stream health, to support biodiversity and to improve ecological health of the Green Infrastructure Network.
(The proposal will enhance and restore 2,371 square metres of riparian area currently encroaching on the Stream Protection and Enhancement Area (SPEA). The applicant is also proposing a voluntary contribution of $\$ 170,000$ for further enhancements along the Hyland Creek system).
- D. 22 Incorporate bird-friendly designs and material specifications into Development Permit Guidelines to help reduce window collisions and bird deaths in urban areas.
(The glass will be bird safe to minimize the potential for bird collisions).
- D2.4 Require geotechnical assessments for development and capital projects on slopes steeper than 20 percent (20\%). The location and boundaries of known Steep Slope Hazard Lands are shown conceptually (see Figure 38). These approximate locations may be revised with additional study or as development proceeds.
(The applicant has submitted a geotechnical assessment which demonstrates the proposed development does not encroach on the slope stability area).
- E1.5 Encourage the full utilization and efficient use of industrial and other employment lands in order to maximize jobs and economic activity per hectare.
(The proposal is a more intense utilization of the lands than the existing condition, increasing the number of jobs on the site, as well as providing riparian rehabilitation).
- E2.2 Promote economic development to achieve and maintain a balanced ratio of one job for every member of Surrey's labour force.
(The proposal includes 3,755 square metres of office space and 3,197 square metres of warehouse space, which will provide significantly more jobs than the existing warehouse).


## Zoning By-law

- The applicant proposes to develop under the existing Light Impact Industrial Zone (IL).
- The table below provides an analysis of the development proposal in relation to the requirements of the Zoning By-law, including the "Light Impact Industrial Zone (IL)", streamside setbacks and parking requirements.

| IL Zone (Part 48) | Permitted and/or Required | Proposed |
| :---: | :---: | :---: |
| Unit Density: | n/a | n/a |
| Floor Area Ratio: | 1.00 | 0.38 |
| Lot Coverage: | 60\% | 31\% |
| Yards and Setbacks |  |  |
| North: <br> East: <br> South: <br> West: | 7.5 metres <br> 7.5 metres <br> 7.5 metres <br> 7.5 metres | 37 metres <br> 10 metres <br> 6.7 metres (DVP) <br> 75 metres |
| Height of Buildings |  |  |
| Principal buildings: Accessory buildings: | 18 metres 6 metres | 16 metres n/a |
| Streamside (Part 7A) | Required | Proposed |
| Streamside Setbacks |  |  |
| Class A (red-coded) Stream: | 30 metres | 2.1 metres to 21.9 metres (DVP) |
| Parking (Part 5) | Required | Proposed |
| Number of Stalls |  |  |
| Commercial: Industrial: Total: | 94 spaces 32 spaces 126 spaces | 94 spaces 214 spaces 308 spaces |

## Setback Variance

- The applicant is requesting the following variances:
- to reduce the minimum front yard setback of the IL Zone from 7.5 metres to 6.7 metres to the principal building face; and
- The proposed setback will assist in creating an adequate space for riparian protection along the north portion of the site by moving the parkade building closer to the street. This is a small variance of o. 8 metres, and does not impact the public realm, as there is adequate landscape along the south portion of the site.
- The proposed front yard setback variance is necessary due to the Special Building Setback requirements for lots fronting or flanking an arterial or collector road. In accordance with Part 7 Special Building Setbacks of Zoning By-law No. 12000, building setbacks are to be measured from the ultimate road right of way.
- Staff support the requested variance to proceed for consideration.


## Streamside Variance

- The applicant is requesting the following streamside variance:
- to reduce the minimum setback distance for a Class A (red-coded) stream from 30 metres to 2.1 metres at the narrowest point, and 21.9 metres at the widest point.
- The site proposes to protect the GIN corridor and provide Stream Protection and Enhancement Area (SPEA) protection but requests a streamside setback variance to the Zoning Bylaw. This is proposed to maximize the use of industrial land. The site has some restrictions regarding phasing and where the buildings could be placed, and the proposal does include significant onsite riparian restoration, as well as a voluntary cash contribution for enhancements along the Hyland Creek corridor. This proposal will greatly improve on existing conditions by restoring 2,371 square metres of riparian area which is currently used for storage and parking.
- Staff support the requested variance to proceed for consideration.


## Public Art Policy

- The Public Art contribution will not be required as no rezoning is being proposed.


## PUBLIC ENGAGEMENT

- Pre-notification letters were not sent as the proposal does not include a rezoning application. A Development Proposal Sign was installed on May 17, 2022. Staff received no responses.


## DEVELOPMENT PERMITS

## Sensitive Ecosystems (Streamside Areas) Development Permit Requirement

- The subject property falls within the Sensitive Ecosystems Development Permit Area (DPA) for Streamside Areas in the OCP, given the location of an existing Class A (red-coded) watercourse which flows along the northern portion of the site. The Sensitive Ecosystems (Streamside Areas) Development Permit is required to protect aquatic and terrestrial ecosystems associated with streams from the impacts of development.
- In accordance with Part 7A Streamside Protection setbacks of the Zoning By-law, a Class A (red-coded) watercourse requires a minimum streamside setback of 30 metres, as measured from the top of bank. The proposed setbacks do not comply with the requirements outlined in the Zoning By-law, and a variance is being requested.
- The riparian area will remain privately owned and be protected through the registration of a combined Restrictive Covenant/Right-of-Way against the property to ensure safeguarding and maintenance of the Protection Area in perpetuity, in compliance with the OCP.
- The applicant has submitted a request to the Ministry of Forests, Lands, Natural Resource Operations and Rural Development to retain the critical infrastructure building at the northeast portion of the site that encroaches on the Stream Protection and Enhancement Area (SPEA). The building is 57 square metres and is proposed to be retained in its current location. The Ministry has approved the request, and the remainder of the proposal complies with the Stream Protection and Enhancement Area (SPEA).
- An Ecosystem Development Plan, prepared by Ryan Preston, R.P. Bio., of BlueLines Environmental Ltd and dated May 26, 2022, was reviewed by staff and peer reviewed by Daniel McAllister, M.Sc., P.Ag. of Ecologic Consultants, and found to be generally acceptable, with some modifications to content and format of the report still required. The finalized report and recommendations will be incorporated into the Development Permit.


## Sensitive Ecosystems (Green Infrastructure Areas) Development Permit Requirement

- The subject property falls within the Sensitive Ecosystems DPA for Green Infrastructure Areas in the OCP, given the location of a Biodiversity Conservation Strategy (BCS) Green Infrastructure Network (GIN) Corridor located along the northern portion of the site, along Hyland Creek. The Sensitive Ecosystems (Green Infrastructure Areas) Development Permit is required to protect environmentally sensitive and/or unique natural areas from the impacts of development.
- The City of Surrey Biodiversity Conservation Strategy (BCS) Green Infrastructure Network (GIN) map, adopted by Council on July 21, 2014 (Corporate Report No. Rı41; 2014), identifies a Local BCS Corridor within the subject site, in the Green Timbers BCS management area, with a Medium ecological value.
- The BCS further identifies the GIN area of the subject site as having a Moderate habitat suitability rating, derived from species at risk presence, species accounts and known ecosystem habitat inventories. The BCS recommends a target Corridor width of 60 meters. The BCS recommends a target Hub Area of approximately 4,922 square meters or $21 \%$ of the subject property.
- The development proposal conserves/enhances 7,oo1 square meters of the subject site through protection of approximately 4,700 square metres of the site, and Habitat Enhancement with Ecological Reclamation works on 2,371 square metres of the site in addition to providing Providing Cash in Lieu for off site BCS enhancements in the amount of $\$ 170,000$ as a voluntary Parks contribution. The funds are to be used for other enhancements along the Hyland Creek system. This method of GIN retention/enhancement will assist in the long-term protection of the natural features and allows the City to better achieve biodiversity at this location consistent with the guidelines contained in the BCS.
- As the RAPR and Stream Protection and Enhancement Area (SPEA) setbacks are larger than the GIN corridor for most of the site, the BCS objectives are being met through this proposal.
- An Ecosystem Development Plan, prepared by Ryan Preston, R.P. Bio., of BlueLines Environmental Ltd and dated May 26, 2022, was reviewed by staff and peer reviewed by Daniel McAllister, M.Sc., P.Ag. of Ecologic Consultants, and found to be generally acceptable, with some modifications to content and format of the report still required. The finalized report and recommendations will be incorporated into the Development Permit.


## Hazard Lands (Steep Slope) Development Permit Requirement

- The subject property falls within the Hazard Lands (Steep Slope) Development Permit Area (DPA) in the OCP, given that the site contains steep slopes in excess of $20 \%$ gradient. The Hazard Land (Steep Slope) Development Permit is required to protect developments from hazardous conditions.
- The site is mostly flat, except for the area directly adjacent to Hyland Creek. The geotechnical line is within the RAPR boundary, so no additional setback is required for slope stability.
- A geotechnical report, prepared by Kevin Bodnar, P. Eng., of Geopacific Consultants and dated June 18, 2021, was found to be generally acceptable. The report was reviewed by staff and found to conform to the OCP Development Permit guidelines for Hazard Lands. A peer review will be submitted before Final Approval. The finalized geotechnical report will be incorporated into the Development Permit.
- The geotechnical report investigated issues related to slope stability and natural storm water drainage, from a geotechnical perspective, to determine the feasibility of development and proposes recommendations to ensure the ongoing stability of the slope.
- The consultant has determined that the development is feasible provided that the recommendations in their report are incorporated into the overall design of the site, including no development within the boundary set on the report, which is within the RAPR setback and not proposed to be developed.
- Registration of a Section 219 Restrictive Covenant that requires the owner to develop the site in accordance with the conditions in the geotechnical report is required as a condition of final adoption.
- At Building Permit stage, the Building Division will require Letters of Assurance from a geotechnical engineer to ensure that the building plans comply with the recommendations in the approved geotechnical report.


## Form and Character Development Permit Requirement

- The proposed development is subject to a Development Permit for Form and Character.
- The proposed development generally complies with the Form and Character Development Permit guidelines in the OCP.
- The proposal is comprised of two buildings connected to each other via a rooftop vehicular bridge for parking. The westerly building is made up of two programs: an office portion on the west, and a warehouse portion on the east. The easterly building is an above-grade parkade structure.
- The applicant has worked with staff to improve the public interface, particularly along 64 Avenue to enhance the front drive aisle with specialty paving and landscape buffering to minimize its visual impact . Riparian enhancement areas, as well as the existing building location and the phasing of the construction were large constraints on the site leading to the facilitation of the drive aisle location
- The driveway parallel to 64 Avenue proposed along the front of the main building was not the preferred location for a driveway by staff. After discussing all the options and site constraintsmainly the riparian area at the north portion, as well as the location of the existing building and phasing plans, which restricted the location of the proposed buildings, staff worked with the applicant to enhance as much as possible the interface, with landscaping and specialty paving.
- The new building provides human scale to the streetscape with its variation of wall planes, building height and façade treatment from one end to other delineating active office spaces and work areas using a combination of transparent window glazing and solid concrete and metal paneling. The interconnected above-grade parkade structure complements the streetscape with its combination of perforated metal screening and vertically mounted photovoltaic panels to conceal vehicles. Further visual interest stems from the architectural detailing that both aesthetically enhances the building and offers building performance in the forms of solar shading louver and the photovoltaic panels used as a façade.
- The roof has a combination of parking, solar panel array, high albedo roofing material and 314 square metres of area for a green roof.
- The proposed design incorporates several architectural design gestures to avoid excessive heat gain in addition to the solar panels, high albedo roofing material and green roof. These include passive strategies such as overhangs and shading devices at the south façade, as well as a reduction in the overall window to wall ratio to achieve the project's energy performance goals.
- There is one fascia sign and one free-standing sign proposed, both of high quality and wellintegrated with the architecture of the building. Both signs comply with the Sign By-law.


## Landscaping

- Landscaping is comprised of a landscape buffer along the east, west and south property lines. East and west buffers are 1.5 metre wide, and the one along 64 Avenue varies from 2.8 metres on the west, to 6.4 metres on the east. The northern portion of the site is mostly riparian area.
- Tree islands are positioned in the surface parking area to reduce the urban heat island effect and allow visual relief of the area.
- The proposal includes an outdoor amenity space adjacent the riparian area on the northwest portion of the site, behind the office building.
- The new trees on the site will consist of a variety of trees including Columnar Armstrong Maple, October Glory Maple, Autumn Brilliance Serviceberry, Forest Pansy Redbud, Fastigiate or Dawyck Beech, London plane Tree, Douglas Fir, Ornamental Pear, Western Red Cedar, and a variety of shrubs.


## 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 treatment of the north wall of the office building and enhancements along 64 Avenue where the drive aisle is.
- 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 application be supported by Council.


## TREES

- Calvin Wagner, ISA Certified Arborist of Diamond Head 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 |
| :---: | :---: | :---: | :---: |
| Deciduous Trees(excluding Alder and Cottonwood Trees) |  |  |  |
| American Ash | 7 | 1 | 6 |
| London Plane | 6 | 4 | 2 |
| Coniferous Trees |  |  |  |
| Pine spp. | 19 | 13 | 6 |
| Eastern White Cedar | 1 | 1 | 0 |
| Total (excluding Alder and Cottonwood Trees) | 33 | 19 | 14 |
| Additional Trees in the Riparian Area | 32 | 1 | 31 |
| Total Replacement Trees Proposed (excluding Boulevard Street Trees) |  | 60 |  |
| Total Retained and Replacement Trees |  | 74 |  |
| Contribution to the Green City Program | n/a |  |  |

- The Arborist Assessment states that there are a total of 33 mature trees on the site, with no Alder and Cottonwood trees. It was determined that 14 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.
- Table 1 includes an additional 32 protected trees that are located within the riparian area. The trees within the riparian area will be retained, except where removal is required due to hazardous conditions. Currently one tree is proposed for removal within the riparian area. Further consultation with Parks staff will determine if removal is necessary.
- A detailed planting plan prepared by a Registered Professional Biologist (R.P. Bio.) is required for the monitoring and maintenance of the proposed trees to be planted in the riparian area.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 2 to 1 replacement ratio. This will require a total of 38 replacement trees on the site. The applicant is proposing 60 replacement trees, exceeding City requirements.
- The new trees on the site will consist of a variety of trees including Columnar Armstrong Maple, October Glory Maple, Autumn Brilliance Serviceberry, Forest Pansy Redbud, Fastigiate or Dawyck Beech, London plane Tree, Douglas Fir, Ornamental Pear, Western Red Cedar, and a variety of shrubs.
- In summary, a total of 74 trees are proposed to be retained or replaced on the site with no contribution required to the Green City Program.


## INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:
Appendix I. Survey Plan, Site Plan, Building Elevations, Landscape Plans and Perspective Appendix II. Engineering Summary
Appendix III. Summary of Tree Survey and Tree Preservation
Appendix IV. Development Variance Permit No. 7921-0358-oo
approved by Shawn Low

Jeff Arason
Acting General Manager
Planning and Development

## LFM/cm

## TELUS PARK SURREY

I5079 64 AVENUE, SURREY, BC

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ARCHITECTURAL:
M DPOO1 COVER CTMDES
DP1011 SITE CONTEXTPLAN
MP102 SITE EASE PLAN
MPM44
MPM05
\P107 (EENCELPNNECAN 
lol
DP201 OFIICEMAREHOUSE MAIN FLOOR
ll
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ll
DP205 PARKADELEEEL2
MP200
DP301 OVERRLL BULLINGELEVATIONS
MP301 
MP304
losp35
DP307 RENDERNGS
MP401 Sullong SECTIONS
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PRIME CONSULTANT:

ELECTRICAL:
E-2030 SITE EXTERIOR LIGHTING PLAN
CIVIL:
$\begin{array}{ll}1 & \begin{array}{l}\text { PreLiminary gradng plan } \\ 2\end{array} \\ \text { PRELIMNARY SERVICING PLAN }\end{array}$

LANDSCAPE:



SIGNAGE
$\begin{array}{ll}1 & \text { ELEVATION } \\ 2 & \\ \text { SG-1 } \\ \text { SGO. } \\ 4 & \text { SITE PLAN }\end{array}$

DESIGN CONSULTANT:


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$3012 Ave. SW., suite 1180, (1)
                            403.45.3089
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\begin{aligned}
& \begin{array}{l}
\text { Suite } 101-1019 \text { Whaf St } \\
\text { Victoria, BC Canada V VEW } 2 Y \text { S. }
\end{array} \\
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## MECHANICAL SULSTAINABILITY:

a. INTEGRAL

CIVIL:

- aplin martin

LANDSCAPE:


SIGNAGE

Pattison Sign Group
Powering Your Brand


VIEW 1: bUILDING ENTRANCE


VIEW 2: NORTH LANDSCAPING


VIEW 3: 64 AVENUE VIEW


VIEW 4: NORTH VIEW


VIEW 5: PARKADE EAST VIEW
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telus park
SURREY


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RENDERINGS



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| Contractor |  |
| EAGLE |  |
| PLANNING CONSULTANT |  |
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SITE PLAN LEGEND



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Exstimg tree DEMOLTION KEYNOTES

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SITE DEMO PLAN


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## Contractor <br> EAGLE <br> bsa <br> DMmg <br> seals <br>  <br> Scale: As notacaed <br> orannex: <br>  Prouject no: $\quad{ }^{2728}$ <br> ENLARGED SITE <br> PLAN

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FENCE PLAN

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TELUS PARK
SURREY
15079 9 A AVENUE. SUVREY. BC

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OFFICE/WAREHOUSE OFFICE/WARE
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lemay






telus park
SURREY

 ELEVATION




WEST PARKADE ELEVATION


EAST PARKADE ELEVATION
lemay


TELUS PARK SURREY


scale:
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## ELEVATIONS

 (COLOURED)








Project ID
HR1-68208 R4
Date: 06-01-2022 Scale: NTS Sales: Garry Sigouin Designer: DF1 Rev. \#: R4 Date: 06-01-2022 Revision Note: R1: updated
site plañ; included monument. R2: removed SG2 ililum. R2. removed SGG2 thium.
leters). RB . changed $5 G 3$ from letters). R3: changed SG3 from
monument. R4: no changes.

## Missing Information

- Survey Requiref for er xact
messurements and moterids

4 Electrica
$\square 120 \mathrm{~V}$ $\qquad$
$\square$ other $\qquad$
Customer Approval $\overline{\text { Signature }}$

MM/DD/MYY

- It is the Customer's responsibility to
ensure that the structure of the building is designed and constructe being ordered. Please ask P Ps being ordered. Please ask PSG
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$$
\begin{aligned}
& \text { Project ID } \\
& \text { Sales: Garry Sigouin } \\
& \text { Designer: DF1 } \\
& \text { Rev. \#: R4 } \\
& \text { Date: 06-01-2022 } \\
& \text { Revision Note: R1: no changes. } \\
& \begin{array}{l}
\text { Revision Note: R1: Ro changes. } \\
\text { R2: removed } 56 \text { (Halo-illem } \\
\text { leters on the east televation). }
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& \begin{array}{l}
\text { letters on the east televation); } \\
\text { new monument design added. }
\end{array} \\
& \text { R3: changed scope disif } 563 \\
& \begin{array}{l}
\text { from monument toc ct's. } \\
\text { new monument design }
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Missing Information


4 Electrical

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Customer Approval $\overline{\text { Signature }}$

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Side View

Project ID
HR1-68208 R4
Date: 06-01-2022 Scale: $\quad 1 / 4^{\prime \prime}=1^{\prime}-0^{\prime \prime}$ Sales: Garry Sigouin Designer: DF1
Rev. \#: R4
Date: 06-01-2022 Revision Note: R1: removed
stringers. R2-4: no changes.


Nighttime Halo Effect

Specifications
Supply \& Install New Halo-Illuminated Channel Letters

- Painted metal faces (brushed aluminum finish)
- $3^{\prime \prime}$ brushed aluminum returns
- Backs of letters are clear lexan to provide halo effect
- Backers painted white
- White LED Illuminations $11 / 2^{\prime \prime}$
- Letters/backers mounted flush to wall
- Remote thru-wall power (TBC).


## Colour

White Substrate/Paint
11 brushed aluminum finish to match existing letters

Missing Information | Required: |
| :--- |
| - sureve Required for exact |

## - Surve Requirad for eract measurements and moteriols

$\qquad$ being ordered. Pleasese ask ft the being ordered. Please ask PSG
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cannot be reprocucued in whole of n part without written permision by Pattison Sign Group.


Project ID
HR1-68208 R4
Date: $\quad 06-01-2022$ $\begin{array}{ll}\text { Scale: } & 1 / 4^{1-201-0} \\ \text { Sales: } & \text { Garry Sigouin }\end{array}$ $\begin{array}{ll}\text { Sales: } & \text { Garry } \\ \text { Designer: DF1 }\end{array}$ Designer: DF1
Rev. \#: R4
Date: $\quad 06-01-2022$ Revision Note: R1: added this
sketch. R2: changed to new sketch. R2: changed to new
design. R3: changed scope design. RB: Change scope
from tire monument
leters Etters only. R4: new design (added Telus logo).

## Missing Information

 Measurements snd materials
d.rawings of monument to be Crawings of monum
suppleied by client.

Electrical

## Specifications

Supply \& Install Illuminated Channel Letters

- White acrylic faces
- Returns painted black
- $1^{\prime \prime}$ White trim Cap
- Backs painted black
- White LED Illumination Power in raceway (behind mesh). Racewa - Power in raceway (behind mes
painted to match existing mesh
$\qquad$
other $\qquad$
Customer Approval $\overline{\text { Signature }}$

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TELUS Park
1507964 Avenue Surrey BCFiluresent: Neon and HID Iomps contian Mereuru (HG).

TO: Manager, Area Planning \& Development

- South Surrey Division

Planning and Development Department
FROM: Development Services Manager, Engineering Department

DATE: June 17, $2022 \quad$ PROJECT FILE: 7821-0358-oo (Revision 2)
RE: Engineering Requirements (Industrial)
Location: 1507964 Avenue

## BUILDING PERMIT

Property and Statutory Right-of-Way (SRW) Requirements

- Register additional SRW to existing onsite drainage SRW
- Register SRW for City access to riparian area
- Register combined SRW/Easement for riparian area


## Works and Services

- Construct new letdowns at proposed access locations, and remove existing letdowns
- Implement onsite low impact development stormwater management features
- Construct water, storm and sanitary service connections to each lot

A Servicing Agreement is required.

## DEVELOPMENT PERMIT/DEVELOPMENT VARIANCE PERMIT

There are no engineering requirements relative to issuance of the Development Permit and Development Variance Permits beyond those listed above.


Jeff Pang, P.Eng.
Development Services Manager
KM

### 4.0 Tree Preservation Summary

Table 2: City of Surrey tree preservation summary table for on-site and off-site trees, including the number of replacement trees proposed.

Surrey Project Number

| Site Address 1507964 Ave, Surrey, British Columbia |  |
| :---: | :---: |
| Registered Arborist Max Rathburn |  |
| On-Site Trees | Number of Trees |
| Protected Trees Identified <br> (On-site and shared trees, including trees within boulevards and proposed streets and lanes, but excluding trees in proposed open space or riparian areas) | 33 |
| Protected Trees to be Removed | 19 |
| Protected Trees to be Retained <br> (excluding trees within proposed open space or riparian areas) | 14 |
| Total Replacement Trees Required: <br> - Alder \& Cottonwood Trees Requiring 1 to 1 Replacement Ratio $x \text { one (1) }=0$ <br> - All other Trees Requiring 2 to 1 Replacement Ratio $19 \mathrm{X} \text { two (2) }=38$ | 38 |
| Replacement Trees Proposed | 60 |
| Replacement Trees in Deficit | 22 in Surplus |
| Protected Trees to be Retained in Proposed Open Space / Riparian Areas | 31 |
| Off-Site Trees | Number of Trees |


| Protected Off-Site Trees to be Removed | $\mathbf{0}$ |
| :--- | :---: |
| Total Replacement Trees Required: |  |
| -Alder \& Cottonwood Trees Requiring 1 to 1 Replacement Ratio |  |
| $0 \quad \mathrm{X} \quad$ one (1) $\quad=\quad 0$ | $\mathbf{0}$ |
| -All other Trees Requiring 2 to 1 Replacement Ratio |  |
| $0 \quad$ X two (2) $=\quad 0$ |  |
| Replacement Trees Proposed |  |
| Replacement Trees in Deficit | $\mathbf{0}$ |

Summary, report and plan prepared and submitted by


# DEVELOPMENT VARIANCE PERMIT 

NO.: 7921-0358-oo
Issued To:
(the "Owner")

Address of 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: 014-594-897
Parcel 1 Section 15 Township 2 New Westminster District Reference Plan 82341
15079-64 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 title(s) has/have been issued, as follows:

Parcel Identifier:
(b) If the civic address(es) change(s), the City Clerk is directed to insert the new civic address(es) 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 48 Light Impact Industrial (IL) Zone, the minimum front yard setback is reduced from 7.5 metres to 6.7 metres to the principal building face, for the eastern building.
(b) In Subsection B1. Streamside Setbacks Areas, the minimum setback from the top of bank of a Class A (red-coded) Natural Stream is varied from 30 metres to 2.1 metres at the narrowest point, and 21.9 metres at the widest point; and
5. This development variance permit applies to only the portion of the Land shown on 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 forms part of this development variance permit.
6. The Land shall be developed strictly in accordance with the terms and conditions and 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 .
ISSUED THIS DAY OF

Mayor - Doug McCallum

City Clerk - Jennifer Ficocelli

Imav


TELUS PARK SURREY



Scale: 1:400
orawner: ок
 PRoJECT No: $\quad$ 2728

OVERALL SITE PLAN


