

# City of Surrey <br> PLANNING \& DEVELOPMENT REPORT <br> File: 7913-0169-00 

Planning Report Date: May 26, 2014

## PROPOSAL:

- Development Permit
- Development Variance Permit

To permit the development of an industrial building with some outdoor storage in the side yard.

| LOCATION: | 18699-24 Avenue |
| :--- | :--- |
| OWNER: | Rosa Eppich Holdings Ltd. |
| ZONING: | CD (By-law No. 17536) |
| OCP DESIGNATION: | Industrial |
| LAP DESIGNATION: | Technology Park or Business Park <br> with Tree Preservation <br> Opportunities |
|  |  |



## RECOMMENDATION SUMMARY

- Approval to draft Development Permit.
- Approval for Development Variance Permit to proceed to Public Notification.


## DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- A Development Variance Permit is required to vary CD By-law No. 17536 in order to permit a small amount of enclosed outdoor storage within the eastern side yard setback.


## RATIONALE OF RECOMMENDATION

- Complies with the Official Community Plan (OCP) and the Campbell Heights Business Park Local Area Plan (LAP).
- Complies with CD By-law No. 17536 and is consistent with the General Development Permit and design guidelines registered on the title.


## RECOMMENDATION

The Planning \& Development Department recommends that:

1. Council authorize staff to draft Development Permit No. 7913-0169-oo generally in accordance with the attached drawings (Appendix II).
2. Council approve Development Variance Permit No. 7913-0169-oo (Appendix V) allowing the following to proceed to Public Notification:
(a) to allow an enclosed area for outdoor storage within the east side yard setback area.
3. Council instruct staff to resolve the following issues prior to approval:
(a) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
(b) submission of a landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
(c) resolution of all urban design issues to the satisfaction of the Planning and Development Department; and
(d) the applicant satisfy the possible deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department.

## REFERRALS

Engineering: The Engineering Department has no objection to the project as outlined in Appendix III.

Parks, Recreation \& Culture:

Surrey Fire Department:

Agricultural and Food Security Advisory Committee (AFSAC):

## SITE CHARACTERISTICS

Existing Land Use:

Parks requires black chain-link fencing to be installed adjacent to the park land. Care must be taken to avoid damaging significant trees within the park land during fence installation.

The Fire Department has no concerns with the proposed development.

Because the proposal is consistent with the general development permit that was registered as part of application no. 7910-0301-00, the AFSAC has no concerns.

Undeveloped industrial land, heavily treed in some areas.

## Adjacent Area:

| Direction | Existing Use | OCP/LAP Designation | Existing Zone |
| :--- | :--- | :--- | :--- |
| North and east: | Vacant industrial lots, <br> one of which has a <br> recently-approved DP <br> (application no. <br> $7913-0178-$ oo) | Industrial in the OCP. <br> Technology Park or Business <br> Park with Tree Preservation <br> Opportunities in the Campbell <br> Heights LAP. | CD (By-law <br> No. 17536) |
| South <br> (Across 24 Avenue): | Agricultural land | Agricultural in the OCP. | A-1 |
| West: | Park land dedicated as <br> part of application no. <br> 7910-o3o1-oo, which <br> buffers industrial from <br> agricultural land to the <br> west. | Industrial in the OCP. <br> Open Space Corridor/Buffer in <br> the Campbell Heights LAP. | CD (By-law <br> No. 17536) |

## DEVELOPMENT CONSIDERATIONS

## Context

- The subject property is 3.04 ha ( 7.52 acres) in size and is located north of 24 Avenue and east of 188 Street, at the end of the new 25 Avenue cul-de-sac.
- The area was recently rezoned and subdivided under application no. 7910-0301-oo. A General Development Permit was also registered at that time.
- Immediately to the east, one property has recently been subject to a development permit and development variance permit application (no. 7913-0178-oo). The remaining properties created by the earlier subdivision remain vacant.
- Adjacent to the west property line is a strip of parkland, approximately $50 \mathrm{~m}(165 \mathrm{ft})$ wide that was dedicated as part of application no, 7910-0301-00. The park is intended to preserve significant trees, protect the escarpment area and provide a buffer between the industrial area and existing agricultural lands to the west.
- The proposed development permit affects only the northern portion of the subject property. Approximately 1.12 ha ( 2.77 acres) of the southern portion of the property, adjacent to 24 Avenue, will be reserved for future expansion of the business. This area will remain part of the lot but will be undisturbed as part of the current application.


## Proposal

- The site will be occupied by Ebco Metal Finishing LP, specializing in metal finishing and galvanizing services. The proposed development permit is to accommodate Ebco's operations within a building that is approximately $2,980 \mathrm{~m}^{2}\left(32,080 \mathrm{ft}^{2}\right)$ in size, including a $330 \mathrm{~m}^{2}$ ( $3,550 \mathrm{ft}^{2}$ ) office area on the east side of the building.
- In addition to the enclosed building, a $540 \mathrm{~m}^{2}\left(5,810 \mathrm{ft}^{2}\right)$ covered outdoor area is proposed at the south end of the building. The covered area is for loading of finished products.
- The proposal also includes a $43 \mathrm{~m}^{2}\left(465 \mathrm{ft}^{2}\right)$ enclosed courtyard on the east side of the building. The courtyard is enclosed on four sides but is not covered. The area will be used to screen some machinery from view and for storage of chemicals to be used in the galvanizing process. From the exterior, the courtyard will be incorporated into the structure but is not considered part of the building because it does not have a roof. For this reason, the courtyard is classified as an outdoor storage area.
- The building is proposed to be $11.9 \mathrm{~m}(39 \mathrm{ft})$ tall.
- The proposed location of the building means that it will not be highly visible from 24 Avenue. The developed portion of the site will be most easily visible from the cul-de-sac bulb on 25 Avenue. A screening wall is proposed near the southeast corner of the building to screen the large open yard which has been designed to accommodate truck maneuvering.


## PRE-NOTIFICATION

- Pre-notification letters were not required for this application.
- The proposal was referred to the Little Campbell Watershed Society (LCWS) for review and comments. The LCWS has not expressed any concerns with the proposal.


## DESIGN PROPOSAL AND REVIEW

## Parking, Access and Circulation

- The main vehicle access to the building will be from 25 Avenue.
- The site has been designed so that trucks entering from 25 Avenue will circle around the building and exit to the south of the building.
- As part of application no. 7910-0301-00, an access easement was registered on the east side of the subject property and the west side of the adjacent properties between 24 Avenue and 25 Avenue. The easement allows vehicles exiting the site to have the option of returning to 25 Avenue or travelling south to 24 Avenue. Only right-in and right-out turning movements are permitted at 24 Avenue.
- Staff and visitor parking is located to the east and south of the proposed building. Automobile parking and truck movements are designed to be as separate as possible.


## Building Design

- The proposed building will cover $10 \%$ of the site and will have an FAR of o.1o.
- Potential future development of the southern portion of the site would increase the site coverage and FAR for the property as a whole. The current proposal is well below the maximum $60 \%$ coverage and 1.0 FAR permitted by the zone, so zoning compliance is not anticipated to be a problem for any future development.
- The proposed building and site plan are consistent with the design guidelines outlined in the Campbell Heights LAP and in the General Development Permit that was completed as part of the earlier rezoning and subdivision.
- The building is proposed to be tilt-up concrete, painted in two shades of blue. The entrance to the main office is designed with additional glazing. A glazed building projection is proposed over the main entrance for weather protection and visual interest.
- The site has been designed so that the office portion is the most visible part of the building from the 25 Avenue cul-de-sac.


## TREES

- Kelly Koome, ISA Certified Arborist of Van Der Zalm and Associates 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 | 12 | 7 | 5 |
| Cottonwood | 2 | o | 2 |
| Deciduous Trees(excluding Alder and Cottonwood Trees) |  |  |  |
| Birch, paper | 20 | 9 | 11 |
| Maple, big-leaf | 8 | 3 | 5 |
| Coniferous Trees |  |  |  |
| Cedar, western red | 121 | 102 | 19 |
| Fir, douglas | 18 | 15 | 3 |
| Hemlock, Western | 11 | 10 | 1 |
| Spruce, Sitka | 3 | 3 | o |
| Total (excluding Alder and Cottonwood Trees) | 181 | 142 | 39 |
| Total Replacement Trees Proposed (excluding Boulevard Street Trees) |  | 213 |  |
| Total Retained and Replacement Trees |  | 252 |  |

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Contribution to the Green City Fund
$23,400
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- The arborist assessment states that there are a total of 181 protected trees on the site, excluding alder and cottonwood trees. 14 existing trees, approximately $7 \%$ of the total trees on the site, are alder and cottonwood trees. It was determined that 39 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, and proposed lot grading.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for alder and cottonwood trees, and a 2 to 1 replacement ratio for all other trees. This will require a total of 291 replacement trees on the site. Since only 213 replacement trees can be accommodated on the site, the deficit of 78 replacement trees will require a cash-in-lieu payment of $\$ 23,400$, representing $\$ 300$ per tree, to the Green City Fund, in accordance with the City's Tree Protection By-law.
- The new trees on the site will be various, including vine maple, black hawthorn, douglas fir, red elderberry, western red cedar, and maple.
- In summary, a total number of 252 trees are proposed to be retained or replaced on the site, with a contribution of $\$ 23,400$ to the Green City Fund.


## Landscaping and Adjacent Park Land

- The applicant must finalize the landscaping plan, cost estimate, and arborist report before the development permit can be approved.
- As part of the application that rezoned and subdivided this area (no. 7910-0301-00), a linear park was created adjacent to the subject site's western property line. The width of the park land varies; the boundary was designed to capture as many significant trees as possible within the dedicated area.
- The General Development Permit requires that additional trees be preserved on the subject property adjacent to the park land boundary. The critical root zones of all trees within the park area must be protected, even when they extend into private property.
- The applicant proposes to maintain a buffer strip, generally between 4 and 9 m ( 13 and 30 ft ) wide, and increasing to include a large triangular area at the northwest corner of the property.
- The buffer will ensure that trees within the park land are protected, allow additional tree preservation on the subject site, and will include additional landscape planting.
- A screening wall is proposed to interrupt views of the large truck yard from 25 Avenue. Landscaping will be planted in front of the wall for visual interest.

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## SUSTAINABLE DEVELOPMENT CHECKLIST

The applicant prepared and submitted a sustainable development checklist for the subject site in September 2013. The table below summarizes the applicable development features of the proposal based on the seven (7) criteria listed in the Surrey Sustainable Development Checklist.

| Sustainability Criteria | Sustainable Development Features Summary |
| :---: | :---: |
| 1. Site Context \& Location <br> (A1-A2) | - The proposal complies with the OCP and Campbell Heights LAP. |
| 2. Density \& Diversity ( $\mathrm{B}_{1}-\mathrm{B}_{7}$ ) | - The proposed density, at o.1, is significantly lower than the permitted maximum density of 1.0 , however because a portion of the site remains undeveloped, the density will likely increase in the future. |
| 3. Ecology \& Stewardship (C1-C4) | - A terrestrial hub was identified on this and surrounding properties. As part of the previous rezoning and subdivision application, parkland was dedicated to preserve trees within this hub. Additional trees are being retained as part of the current application. |
| 4. Sustainable Transport \& Mobility (D1-D2) | - The proposal does not include any measures to reduce private vehicle use or infrastructure to support cycling. <br> - A pedestrian connection is proposed from the sidewalk on 25 Avenue to the building's main entrance. |
| 5. Accessibility \& Safety <br> (E1-E3) | - The proposal does not include any specific CPTED or accessibility measures. |
| 6. Green Certification (F1) | - The applicant is not seeking third-party certification |
| 7. Education \& Awareness (G1-G4) | - The applicant does not propose any sustainability education or awareness initiatives. |

## ADVISORY DESIGN PANEL

- The project was not referred to the Advisory Design Panel (ADP), but was reviewed internally by the City's design staff. Staff are generally supportive of the proposed project.


## BY-LAW VARIENCE AND JUSTIFICATION

(a) Requested Variance:

- To allow $43 \mathrm{~m}^{2}\left(465 \mathrm{ft}^{2}\right)$ of enclosed outdoor storage on the east side of the building. The CD By-law (no. 17536) permits outdoor storage in the rear (north) yard only.

Applicant's Reasons:

- Part of the machinery used for the applicant's metal galvanizing business must be affixed to the outside wall of the building. The courtyard walls are taller than the machine and will be used to screen it from view. The area cannot have a roof in order for the machine to ventilate properly. Additionally, the area will be used for the storage of chemicals to be use in the galvanizing process. Neither the machinery nor the materials will be visible from the exterior of the building and courtyard.
- The courtyard will have four walls, but because it does not have a roof it is considered to be "outdoors" according to the Zoning By-law.

Staff Comments:

- The proposed courtyard storage area is visually integrated into the building. Although it is not considered by the Zoning By-law to be part of the building, it will look and function as a room, not as an outdoor area.
- There is no concern that these materials will be stored outside of the courtyard area, nor that the area will become unsightly.
- No other outdoor storage is proposed.


## INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:
Appendix I. Lot Owners, Action Summary and Project Data Sheets
Appendix II. Site Plan, Building Elevations, Landscape Plans and Perspective
Appendix III. Engineering Summary
Appendix IV. Summary of Tree Survey and Tree Preservation
Appendix V. Development Variance Permit No. 7913-0169-oo

## INFORMATION AVAILABLE ON FILE

- Complete Set of Architectural and Landscape Plans prepared by Bogdonov Pao Associates Ltd./Eric Law Architect and Van der Zalm and Associates Inc., and dated May 12, 2014 and May 20, 2014 respectively.
original signed by Nicholas Lai
Jean Lamontagne
General Manager
Planning and Development


## MJ/da

## Information for City Clerk

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

1. (a) Agent: Name: Bogdonov Pao Associates

Address: 1656 - W. 8th Avenue
Vancouver, BC V6Y 1 L 4
Tel: 604-876-4377
2. Properties involved in the Application
(a) Civic Address: 18699-24 Avenue
(b) Civic Address: 18699-24 Avenue Owner: Rosa Eppich Holdings Ltd PID: o28-975-74o
Lot 11 Section 21 Township 7 New Westminster District Plan EPP24887
3. Summary of Actions for City Clerk's Office
(a) Proceed with Public Notification for Development Variance Permit No. 7913-00169-oo and bring the Development Variance Permit forward for issuance and execution by the Mayor and City Clerk.

## DEVELOPMENT DATA SHEET

Existing Zoning: CD (By-law no. 17536)

| Required Development Data | Minimum Required / Maximum Allowed | Proposed |
| :---: | :---: | :---: |
| LOT AREA* (in square metres) |  |  |
| Gross Total |  | 30,413 |
| Road Widening area |  | n/a |
| Undevelopable area |  | n/a |
| Net Total |  | 30,413 |
| LOT COVERAGE (in \% of net lot area) |  |  |
| Buildings \& Structures | 60 | 10.8 |
| Paved \& Hard Surfaced Areas |  | 37.8 |
| Total Site Coverage |  | 48.6 |
|  |  |  |
| SETBACKS ( in metres) |  |  |
| East (side) | 7.5 | 7.7 |
| West (side) | 7.5 | 41.2 |
| North (rear) | 7.5 | 15.3 |
| South (front) | 16.0 | $175+$ |
|  |  |  |
| BUILDING HEIGHT (in metres/storeys) |  |  |
| Principal | 14.0 | 11.9 |
| Accessory | 6.0 | n/a |
|  |  |  |
| NUMBER OF RESIDENTIAL UNITS |  |  |
| Bachelor |  |  |
| One Bed |  |  |
| Two Bedroom |  |  |
| Three Bedroom + |  |  |
| Total |  | n/a |
|  |  |  |
| FLOOR AREA: Residential |  | n/a |
|  |  |  |
| FLOOR AREA: Commercial |  |  |
| Retail |  |  |
| Office |  |  |
| Total |  | n/a |
|  |  |  |
| FLOOR AREA: Industrial |  | 3,023 |
|  |  |  |
| FLOOR AREA: Institutional |  | n/a |
|  |  |  |
| TOTAL BUILDING FLOOR AREA |  | 3,023 |

* If the development site consists of more than one lot, lot dimensions pertain to the entire site.


## Development Data Sheet cont'd

| Required Development Data | Minimum Required / <br> Maximum Allowed | Proposed |
| :---: | :---: | :---: |
| DENSITY |  |  |
| \# of units/ha /\# units/acre (gross) |  |  |
| \# of units/ha /\# units/acre (net) |  | o.10 |
| FAR (gross) |  | o.10 |
| FAR (net) |  | $\mathrm{n} / \mathrm{a}$ |
|  |  |  |
| AMENITY SPACE (area in square metres) |  |  |
| Indoor |  |  |
| Outdoor |  |  |
| PARKING (number of stalls) |  |  |
| Commercial |  |  |
| Industrial |  |  |
| Residential Bachelor + 1 Bedroom |  |  |
| 2-Bed |  |  |
| Residential Visitors |  |  |
| Institutional |  |  |
| Total Number of Parking Spaces |  |  |
| Number of disabled stalls |  |  |
| Number of small cars |  |  |
| Tandem Parking Spaces: Number / \% of <br> Total Number of Units |  |  |
| Size of Tandem Parking Spaces <br> width/length |  |  |


| Heritage Site | NO | Tree Survey/Assessment Provided | YES |
| :--- | :--- | :--- | :--- |

Appendix II








NORTH ELEVATION









PERSPECTIVE VIEW FROM SOUTH EAST


PERSPECTIVE STREET VIEW FROM EAST


PERSPECTIVE VIEW FROM SOUTH



AERIAL VIEW


| TO: | Manager, Area Planning \& Development <br>  <br> - South Surrey Division <br> Planning and Development Department |
| :--- | :--- |
| FROM: | Development Services Manager, Engineering Department |
| DATE: | May 21, 2014 $\quad$ PROJECT FILE: $\quad$ 7813-0169-00 |

## DEVELOPMENT PERMIT

Ensure City of Surrey Park requirements are captured through the Planning Department's Development Permit Process.

## BUILDING PERMIT

The following issues are to be addressed as a condition of issuance of the Building Permit:

## Works and Services

- Provide a minimum driveway access of 9.0 metres.
- Provide proof of adequate on-site turning movement analysis to City's Transportation Division for review.
- Provide water, sanitary and drainage connections.
- Ensure a Restrictive Covenant for Sanitary Sewer pumped connection is registered.
- Ensure a Restrictive Covenant for Water Quality Control is registered.
- Ensure a Restrictive Covenant for No Access to 24 Avenue is registered.
- Confirm the proposed development conforms to the Drainage analysis from 7810-0301-00 and ensure appropriate Restrictive Covenants are registered.

The Applicant is advised that Project 7810-0301-00 must be completed and accepted before a Building Permit can be issued.


Rémi Dubé, P.Eng.
Development Services Manager
LR
van der Zalm + associatesinc.

## Tree Preservation Summary

Surrey Project No: See architect's forms
Address: 18699 24th Avenue Surrey, B.C.
Registered Arborist: Kelly Koome

| 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) | 195 |
| Protected Trees to be Removed | 149 |
| Protected Trees to be Retained <br> (excluding trees within proposed open space or riparian areas) | 46 |
| Total Replacement Trees Required: <br> - Alder \& Cottonwood Trees Requiring 1 to 1 Replacement Ratio $\qquad$ 7 $X$ one (1) $=7$ <br> - All other Trees Requiring 2 to 1 Replacement Ratio $142 \times \text { two }(2)=284$ | 291 |
| Replacement Trees Proposed | 213 |
| Replacement Trees in Deficit | 78 |
| Protected Trees to be Retained in Proposed [Open Space / Riparian Areas] |  |


| Off-Site Trees | Number of Trees |
| :--- | :--- |
| Protected Off-Site Trees to be Removed |  |
| Total Replacement Trees Required: |  |
| - Alder \& Cottonwood Trees Requiring 1 to 1 Replacement Ratio |  |
| x one (1) | 0 |

Summary, report and plan prepared and submitted by:

## DEVELOPMENT VARIANCE PERMIT

NO.: 7913-0169-oo
Issued To:
ROSA EPPICH HOLDINGS LTD
("the Owner")
Address of Owner: 15200 - Knox Way
Richmond, BC V6V 3A6

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: 028-975-740
Lot 11 Section 21 Township 7 New Westminster District Plan EPP24887
18699-24 Avenue
(the "Land")
3. Surrey Zoning By-law, 1993, No. 12000, as amended is varied as follows:

In Section J. 3 of Special Regulations of "Comprehensive Development Zone (CD By-law No. 17536)" in Area B, areas for outdoor storage of any goods, materials or supplies associated with the uses and operations allowed on the lot, may be located within the side yard.
4. 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.
5. The Land shall be developed strictly in accordance with the terms and conditions and provisions of this development variance permit.
6. 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.
7. The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land.
8. This development variance permit is not a building permit.

AUTHORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20 . ISSUED THIS DAY OF , 20 .

Mayor - Dianne L. Watts

City Clerk - Jane Sullivan
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Schedule A


