

# City of Surrey <br> PLANNING \& DEVELOPMENT REPORT <br> File: 7909-0177-00 

Planning Report Date: December 13, 2010
PROPOSAL:

- Partial Discharge Land Use Contract No. 420
- Rezoning from C-35 to CD (based upon RMC-150)
- Development Permit
in order to permit the development of a mixed-use development, consisting of a 206-unit, high-rise apartment building, 6 townhouses and ground-level retail/commercial space.

LOCATION: $\quad 13586$ - 98 Avenue
OWNER: Kenstone Properties (King George) Ltd.
ZONING: Land Use Contract No. 420 (underlying C-35 Zone)

OCP DESIGNATION: City Centre


## RECOMMENDATION SUMMARY

- By-law Introduction and set date for Public Hearing for:
o Partial Land Use Contract Discharge; and
o Rezoning.
- Approval to reduce indoor amenity space.
- Approval to draft Development Permit.


## DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- None.


## RATIONALE OF RECOMMENDATION

- The proposed development complies with the Mixed-Use Area 4:3.5 FAR designation in the Surrey City Centre Plan Update - Phase II, Stage I Land Use and Density Concept.
- The proposed development supports the intent of the Surrey City Centre Plan to encourage highrise, high density development near SkyTrain routes and to provide for a mix of land uses to support residents in the area. The proposed development is within 500 metres ( $1 / 3$ mile) of the King George SkyTrain Station and within 120 metres ( 400 ft .) of two major bus routes.


## RECOMMENDATION

The Planning \& Development Department recommends that:

1. a By-law be introduced to partially discharge Land Use Contract No. 420 and a date for Public Hearing be set.
2. a By-law be introduced to rezone the subject site from "Downtown Commercial Zone (C-35)" (By-law No. 12000) to "Comprehensive Development Zone (CD)" (By-law No. 12000) and a date be set for Public Hearing.
3. Council approve the applicant's request to reduce the amount of required indoor amenity space from 636 square metres ( 6,846 sq.ft.) to 185 square metres ( 1,988 sq.ft.).
4. Council authorize staff to draft Development Permit No. 7909-0177-oo in accordance with the attached drawings (Appendix II).
5. Council instruct staff to resolve the following issues prior to final adoption:
(a) ensure that all engineering requirements and issues including restrictive covenants, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
(b) submission of a road dedication plan to the satisfaction of the Approving Officer;
(c) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
(d) submission of a landscaping plan and landscaping cost estimate to the specifications and satisfaction of the City Landscape Architect;
(e) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
(f) the applicant address the concern that the development will place additional pressure on existing park facilities to the satisfaction of the General Manager, Parks, Recreation and Culture;
(g) the applicant adequately address the impact of reduced indoor amenity space; and
(h) the registration of a reciprocal access agreement to allow for a potential driveway connection for a future multiple residential development to the west.

## REFERRALS

Engineering: The Engineering Department has no objection to the project subject to the completion of Engineering servicing requirements as outlined in Appendix III.

School District:

Parks, Recreation \& Culture:

## Projected number of students from this development:

10 Elementary students at A.H.P. Matthew Elementary School 4 Secondary students at Queen Elizabeth Secondary School
(Appendix IV)
The applicant should provide cash-in-lieu for shortfall in indoor amenity space. The applicant is also required to resolve the impact the proposed development will have on existing parks, recreation and culture facilities in the neighbourhood.

## SITE CHARACTERISTICS

Existing Land Use: Vacant property, devoid of any buildings.
Adjacent Area:

| Direction | Existing Use | OCP Designation | Existing Zone |
| :--- | :--- | :--- | :--- |
| North (Across 98 <br> Avenue): | 12-storey apartment building <br> with 3-storey commercial <br> portion fronting King George <br> Boulevard. | City Centre | Land Use <br> Contract No. 420 |
| East (Across King George <br> Boulevard): | Grace Hanin Community <br> Church. | Commercial | CHI |
| South: | Canada Revenue Agency (CRA) <br> building. | Commercial | C-8 |
| West: | Single family dwellings. | Multiple Residential | RF |

## DEVELOPMENT CONSIDERATIONS

- The subject property is located at 13586-98 Avenue in the City Centre area. The subject property is approximately 3,268 square metres ( 0.8 acre) in size. The site is regulated under LUC No. 420 (with the underlying zoning of Downtown Commercial Zone (C-35)) and designated Mixed-Use Area $4: 3.5$ FAR in the Surrey City Centre Plan Update-Phase II, Stage I Land Use and Density Concept, which was approved by Council on February 9, 2009 (Corporate Report No. Coor).
- The Official Community Plan (OCP) designates the site as City Centre. The City Centre designation allows for a wide range of retail and office uses, employment, entertainment, cultural and educational services and facilities and governmental services to serve the needs of businesses and residents throughout the City and the region. The City Centre designation also allows for high density residential developments.
- The designation within the Surrey City Centre Plan Update is Mixed-Use Area 4:3.5 FAR (Hospital Precinct). The uses which are appropriate are office, institutional and residential uses that support or are ancillary to the Surrey Memorial Hospital. Continuous at grade retail uses are encouraged along King George Boulevard.
- The applicant proposes to discharge LUC No. 420, rezone from the underlying Downtown Commercial Zone (C-35) to Comprehensive Development Zone (based upon the Multiple Residential Commercial 150 Zone (RMC-150)) and a Development Permit to allow for a mixed-use residential high-rise and commercial development.
- The development proposes a total of 206 apartment units in a 22 -storey building, with 6 townhouse units, along with 382 square metres ( 4,111 sq.ft.) of commercial floor area at grade. The dwelling units consist of 97 one-bedrooom units, 101 two-bedroom units and 16 three-bedroom units (which includes the 6 townhouse units), for a total of 212 dwelling units. The proposed apartment units range in size from 42 square metres ( $452 \mathrm{sq} . \mathrm{ft}$.) to 93 square metres ( $1,004 \mathrm{sq} . \mathrm{ft}$.). The townhouse units are 116 square metres ( $1,252 \mathrm{sq} . \mathrm{ft}$.) in size, not including garages.
- While the proposed 5.13 floor area ratio (FAR) of the development exceeds the maximum 3.5 FAR permitted under the City Centre Plan Update designation, the proposed density is acceptable due to the form and location of the development, as well as the fact that the proposed development will assist in creating a critical mass needed to ensure an urban pedestrian-oriented downtown core.
- The proposed densities within the City Centre area are being further reviewed as part of Surrey City Centre Plan Update-Phase II, Stage II, in conjunction with modelling and other studies conducted by Planning staff. It is anticipated that adjustments will be made to the City Centre Plan accordingly.
- Based upon the Zoning By-law requirement of 3 square metres ( 32 sq.ft.) of indoor amenity space per dwelling unit, the proposed development requires 636 square metres ( $6,846 \mathrm{sq} . \mathrm{ft}$.) of indoor amenity space. The development proposes 185 square metres ( 1,988 sq.ft.) in total of indoor amenity space, which includes a fitness centre, 76 square metres ( 823 sq.ft.) in size, at the ground level and an amenity room 108 square metres ( 1,165 sq.ft.) in size at the second floor. This amenity room will be a multi-purpose space with a kitchen and a washroom. The applicant is proposing to provide cash-in-lieu for the shortfall in indoor amenity space, in accordance with Council policy.
- The proposed development is required to have 636 square metres ( 6,846 sq.ft.) of outdoor amenity space, based upon the Zoning By-law requirement of 3.0 square metres ( 32 sq.ft.) per dwelling unit. The proposed development is providing 666 square metres ( 7,165 sq.ft.) of outdoor amenity space. The outdoor amenity space is proposed to be located on the second floor, above the enclosed parking structure adjacent the indoor amenity room and will incorporate a barbeque area with outdoor fireplace, children's play area, an outdoor exercise area and multi-purpose lawn area.
- The proposed development requires a total of 285 parking stalls according to Surrey Zoning By-law requirements, which includes 242 residential parking stalls, 34 visitor parking stalls and 9 commercial parking stalls. The proposed development provides 258 resident parking stalls, 35 visitor parking stalls and 9 commercial parking stalls in 4 levels of underground parking and at grade for a total of 302 parking stalls. The proposed development exceeds the residential parking requirements and complies with the visitor and commercial parking requirements.
- The development proposal includes 257 bicycle spaces for residents with an additional 8 bicycle spaces for visitors.


## Tree Preservation and Replacement

- An arborist assessment has been prepared by Peter Mennel, Certified Arborist of Mike Fadum and Associates Ltd. A total of forty-two (42) mature trees were identified onsite and immediately adjacent the site. Only 3 trees were identified onsite. There are 32 trees identified immediately adjacent the subject site to the south and 7 trees on the site to the west. The 3 onsite trees are proposed to be removed.
- Seventeen (17) offsite trees are proposed for removal on the immediately adjacent sites. Due to the location of the proposed underground parking structure, 15 trees on the neighbouring site to the south (which is occupied by the Canada Revenue Agency) and 2 trees on the neighbouring single family residential lot to the west, will be impacted by the proposed excavation and construction of the underground parking structure.
- The applicant has indicated that he proposes to excavate along the south property line using a shotcrete or similar shoring method to ensure that there will be no over-excavation beyond the property line. This excavation method will ensure the least disturbance possible to the existing trees on the adjacent Canada Revenue Agency site.
- The Canada Revenue Agency has provided the authorization to allow for the removal of trees, which are impacted by the construction, subject to the same amount or additional trees being planted to replace the removed trees, maintenance and care of the replacement trees to ensure that they will sustain on their own. The applicant will be required to acquire the authorization of the removal of the trees on the neighbouring single family residential property to the west.
- The applicant proposes 74 replacement trees throughout the proposed development. Based upon the proposed removal, the applicant would only be required to provide 5 replacement trees for the 3 to be removed onsite. However, the applicant will be required to resolve the tree removal for the adjacent sites to the west and to the south.


## Proposed CD By-law

- The proposed CD By-law is based upon the RMC-150 Zone in terms of permitted land uses. However, certain uses will be excluded due to the nature of the proposed design, such as: neighbourhood pubs, indoor recreational facilities, entertainment uses and community services.
- The proposed floor area ratio (FAR) will exceed the maximum 3.5 FAR permitted under the RMC-150 Zone. The proposed 5.13 FAR is based upon the net site area.
- The RMC-150 Zone requires buildings and structures to be sited a minimum of 7.5 metres ( 25 ft .) from all lot lines or $50 \%$ of the height of the building, whichever is the greatest.
- The proposed CD By-law reduces building setbacks from a minimum of 36 metres ( 118 ft .) to a minimum of 2.7 metres ( 9.0 ft .) along 98 Avenue, 2.3 metres ( 8 ft .) from the south yard, 10.0 metres ( 33 ft .) from the west yard and 3.0 metres ( 10 ft .) from King George Boulevard, in order to allow for a more urban and pedestrian engaging interface along 98 Avenue and King George Boulevard. Further encroachments into the building setbacks are permitted for stairs and canopies.


## PRE-NOTIFICATION

Pre-notification letters were sent on March 9, 2010 and Planning staff did not receive any responses.

## DESIGN PROPOSAL AND REVIEW

- The proposal consists of a 22 -storey residential tower, which sits on a 3 -storey podium. Six (6) 3-storey townhouse units are proposed along the western portion of the 98 Avenue frontage, with commercial units primarily fronting King George Boulevard and wrapping around 98 Avenue. The townhouse and commercial units will be individually accessible from the street.
- The mass of the building anchors the corner at 98 Avenue and King George Boulevard.
- The vehicular access will be from 98 Avenue only. This access at the western edge of the site, will service an enclosed parking area at grade and will lead to the underground parking ramp and structure. The driveway will be constructed of pavers and concrete to provide a visual cue leading visitors into and out of the site.
- The entry to the proposed high-rise building will be from 98 Avenue. The proposed townhouse units will have direct street access to 98 Avenue, as will the proposed commercial units from King George Boulevard and one unit from 98 Avenue.
- The proposed building materials include two colours of concrete in light and dark grey. Brick is to be used as an accent at the podium in a light grey. Glazing is proposed in clear and spandrel glass in a dark grey. The window frames, metal cladding and railings are to be in a deep grey.
- Disabled access is provided to the main building entry, commercial units, amenity rooms and to the doors of all residential tower units in accordance with BC Building Code. Pathways through and around the site are designed to accommodate disabled access. The amenity rooms and washrooms are fully accessible, as is the outdoor amenity roof deck. Disabled parking is provided for guests and residents in the underground parking structures adjacent the elevator lobbies and the commercial parking level.
- The project is not intended as a "rated" project, but will be built to the energy standards of the new "Part 10-Energy and Water Efficiency" of the BC Building Code.
- Ground level landscaping consists primarily of street trees and foundation planting flanking the tower entry. Townhouse courtyards are generously landscaped to provide privacy to the outdoor patios fronting 98 Avenue.
- The proposed commercial signage is contemporary in nature and features individual illuminated letters mounted on steel channels, which will hang suspended from the underside of the glass canopies.


## ADVISORY DESIGN PANEL

ADP Dates: June 10, 2010 and November 18, 2010.
The majority of the urban design items have now been resolved, except for the following, which the applicant agrees to resolve prior to consideration of Final Adoption:

- Resolution of Hydro kiosk and gas meter locations and appropriate screening.
- Resolution of proposed building signage.
- Resolution of outstanding landscaping items.


## 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. Proposed Site Plan, Building Elevations, Landscape Plans and Perspective
Appendix III. Engineering Summary
Appendix IV. School District Comments
Appendix V. Summary of Tree Survey and Tree Preservation
Appendix VI. ADP Comments and Applicant's Responses
Appendix VII. Proposed CD By-law

## INFORMATION AVAILABLE ON FILE

- Complete Set of Architectural and Landscape Plans prepared by Focus Architecture Inc. and DMG Landscape Architects, respectively, dated November 29, 2010 and December 1, 2010.
original signed by Judith Robertson
Jean Lamontagne
General Manager
Planning and Development


## Information for City Clerk

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

1. (a) Agent: Name: Colin Hogan, Focus Architecture Inc.

| Address: | \#109-1528 McCallum Road <br>  <br>  <br> Abbotsford, BC |
| :--- | :--- |
| Tel: | $\mathrm{V}_{2} \mathrm{~S} 8 \mathrm{~A}_{3}$ |
|  | $1-604-853-5222$ |

2. Properties involved in the Application
(a) Civic Address: $13586-98$ Avenue
(b) Civic Address: 13586-98 Avenue Owner: Keystone Properties (King George) Ltd. PID: oo3-886-069 Lot "A" Except: Part within Heavy Outline on Highway Statutory Right of Way Plan 62493 Section 34 Block 5 North Range 2 West New Westminster District Plan 9760
3. Summary of Actions for City Clerk's Office
(a) Introduce a By-law to partially discharge Land Use Contract No. 420.
(b) Introduce a By-law to rezone the property.

## DEVELOPMENT DATA SHEET

| Proposed Zoning: CD (based on RMC-150) |  |  |
| :---: | :---: | :---: |
| Required Development Data | Minimum Required / Maximum Allowed under RMC-15o Zone | Proposed |
| LOT AREA (in square metres) |  |  |
| Gross Total |  |  |
| Road Widening area |  |  |
| Undevelopable area |  |  |
| Net Total |  | 3,268 m ${ }^{2}$ |
|  |  |  |
| LOT COVERAGE (in \% of net lot area) |  |  |
| Buildings \& Structures |  | 33\% |
| Paved \& Hard Surfaced Areas |  | 25\% |
| Total Site Coverage |  | 58\% |
|  |  |  |
| SETBACKS ( in metres) |  |  |
| North (98 Avenue) | 36 m | 2.7 m* |
| South | 36 m | 2.3 m** |
| West | 36 m | 10.0 m |
| East (King George Boulevard) | 36 m | $3.0 \mathrm{~m}^{* * *}$ |
|  |  |  |
| BUILDING HEIGHT (in metres/storeys) |  |  |
| Principal |  | 72.0 m/22 storeys |
| Accessory |  |  |
|  |  |  |
| NUMBER OF RESIDENTIAL UNITS |  |  |
| Bachelor |  |  |
| One Bed |  | 97 |
| Two Bedroom |  | 101 |
| Three Bedroom + |  | 14 |
| Total |  | 212 |
|  |  |  |
| FLOOR AREA: Residential |  | 16,383 m ${ }^{2}$ |
|  |  |  |
| FLOOR AREA: Commercial |  |  |
| Retail |  | $382 \mathrm{~m}^{2}$ |
| Office |  |  |
| Total |  |  |
|  |  |  |
| FLOOR AREA: Industrial |  | n/a |
|  |  |  |
| FLOOR AREA: Institutional |  | n/a |
|  |  |  |
| TOTAL BUILDING FLOOR AREA |  | 16,765 m ${ }^{2}$ |

* Notwithstanding the proposed building setbacks, stairs may be permitted to encroach up to 2.0 metres from the north lot line and a canopy encroachment may be sited up to o. 8 metre (3ft.) from the north lot line.
** A canopy encroachment may be sited up to o. 8 metre (3ft.) from the south lot line.
*** A canopy encroachment may be sited up to 1.5 metres (5ft.) from the east lot line.


## Development Data Sheet cont'd



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


IL


NORTHEAST VIEW


NORTHEAST MAIN ENTRANCE VIEW


3D VIEWS

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November 29， 2010 Final DP Revisions KENSTONE
























$\bigcirc$ DETAIL SECTION - NORTH SOUTH - ROOFTOP AMENITY SPACE


| TO: | Manager, Area Planning \& Development <br> - North Surrey Division <br> Planning and Development Department |
| :--- | :--- |
| FROM: | Acting Development Services Manager, Engineering Department |
| DATE: | February 10, 2010 $\quad$ PROJECT FILE: $\quad$ 7809-0177-oo |

## LUC DISCHARGE

There are no engineering requirements relative to the LUC Discharge.

## REZONE

## Property and Right-of-Way Requirements

- dedicate 3.212 metres on King George Boulevard for a 45 metre road right-of-way
- dedicate 6.5 metres on 98 Avenue for a 27 metre road right-of-way
- dedicate 5 -metre $\times 5$-metre corner cut at the intersection of KGB and 98 Avenue


## Works and Services

- construct the south half of 98 Avenue to full City Centre urban standards
- construct the boulevard on the west side of KGB to full City Centre urban standards
- extend a watermain on 98 Avenue and KGB for fire protection and domestic use
- provide a sanitary sewer and a storm sewer connection to the site
- we have no objections to the reduction in parking as proposed with this application
- resolve traffic issues with the proposed layout

A Servicing Agreement is required prior to Rezone.

## DEVELOPMENT PERMIT

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


Rémi Dubé, P.Eng.
Acting Development Services Manager
RWB


December 6, 2010

## THE IMPACT ON SCHOOLS APPLICATION \#: 7909017700

## SUMMARY

The proposed 6 townhouse units and 206 highrise units are estimated to have the following impact on the following schools:
Projected \# of students for this development:

| Elementary Students: | 6 |
| :--- | :--- |
| Secondary Students: | 3 |

September 2010 Enrolment/School Capacity

| A. H. P. Matthew Elementary |  |
| :--- | ---: |
| Enrolment (K/1-7): | $53 \mathrm{~K}+352$ |
| Capacity (K/1-7): | $40 \mathrm{~K}+350$ |

Queen Elizabeth Secondary

| Enrolment | $(8-12):$ | 1510 |
| :--- | :--- | :--- |
| Capacity | $(8-12):$ | 1600 |

## SCHOOL DISTRICT \#36 (SURREY)

## 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.

AHP Matthew Elementary is being seismically upgraded. Secondary School Capacity in the table below includes a modular complex at Queen Elizabeth with a capacity of 200. The proposed development will not have an impact on these projections.
A. H. P. Matthew Elementary


Queen Elizabeth Secondary


## MIKE FADUM AND ASSOCIATES LTD.

 VEGETATION CONSULTANTSSURREY TREE PRESERVATION SUMMARY
Surrey Project No: 79019-0177-00
Project Location: 13586-98 Avenue
Arborist: Peter Mennel ISA (PN-5611A)
Detailed Assessment of the existing trees or an Arborist's Report is submitted on file. The following is a summary of the tree assessment report for quick reference.

1. General Tree Assessment

One poor quality black cottonwood tree and two others of shared ownership.
2. Summary of Proposed Tree Removal and Replacement

| Number of Protected Trees identified | A) |
| :---: | :---: |
| Number of Protected Trees declared hazardous due to natural causes | 0 (B) |
| Number of Protected Trees to be removed | 3 (C) |
| Number of Protected Trees to be retained (A-C) | 0 (D) |
| Number of Replacement Trees required |  |
| (1 alder and cottonwood X 1 and 2 others X 2) | 5 (E) |
| Number of Replacement Trees proposed | 74 (F) |
| Number of Replacement Trees in deficit (E-F) | 0 (G) |
| Total number of Prot. and Rep. Trees on site (D+F) | 74 (H) |
| Number of lots proposed in the project | NA (I) |
| Average number of Trees per Lot (H/I) | NA (J) |

3. Tree Survey and Preservation/Replacement Plan

Tree Survey and Preservation/Replacement Plan is attached

Summary and plan prepared and submitted by Mike Fadum and Associates Ltd.

Date: December 8, 2010

# Advisory Design Panel <br> Minutes 

Chair:
S. Lyon

Panel Members:
CPL. M. Searle
K. Newbert
L. Mickelson
M. Ehman
R. Myers
M. Mortensen

## Guests:

C. Hogan, Focus Architecture Inc.
A. Good, DMG Landscape Architects
D. Mangat, Darman Holdings Ltd.
J. Losee, Jonathan Losee Ltd.
P. Martin, Wilson Chang Architect Inc.
W. Chang, Wilson Chang Architect Inc.

## Staff Present:

T. Ainscough, Planning \& Development M. B. Rondeau, Planning \& Development T. Mueller, Legislative Services

## C. SUBMISSIONS

1. File No.:

7909-0177-00
New or Resubmit:
Last Submission Date:
Description:
Resubmit
June 10, 2010
Proposed mixed-use high-rise
residential/commercial development consisting of
210 residential units and 5 commercial units.
Address:
Developer:
Architect:
Landscape Architect:
Planner:
Urban Design Planner:

Alphonse Kho, Kenstone Properties
Colin Hogan, Focus Architecture Inc.
Allison Good, DMG Landscape Architects
Pat Lau
Mary Beth Rondeau

## The Urban Design Planner made the following comments:

- The development is situated in a prominent location on King George Boulevard and generally meets the intent of urban design guidelines.
- Green treatments have been incorporated on the boulevard.
- During the June 10, 2010 ADP, there was discussion surrounding loading and driveway at 98 Ave.; this area has been revised and the loading and driveway have been deleted.
- In the resubmission, the podium is a more consistent 3-storey base, the tower form has been significantly adjusted, and most of the design responses were related to the response to solar.
- It was noted that the FAR has increased slightly from 4.8 to 5.1. With this type of density, it is a matter of how well the building responds to the context and the quality of the proposal.


## The Project Architect made the following comments:

- In the June 10, 2010 submission, the base was disjointed and there was concern with how it would interface with future developments. The tower was previously symmetrical and orientation was an issue. There was a feeling that there was a missed opportunity to have the tower more strongly anchor the corner.
- The loading area has been revised and an auto court provided at the west end of the site.
- There are two residential units at level 1 of the tower and the feeling from the developer is that they like having residential units at this location. There is a good grade break and the residential units are above the circulation.
- The big design change is evident in the tower design. The mass of the building has been pulled out to the corner. The north side and the east sides are primarily glazed and have relatively few balconies. At the June 10, 2010 Panel there was a lot of discussion about the south and the west sides and since that time, work was done to improve the response to solar gain. There is more of a punched window kind of language and it takes it down to $50 \%$ glazing.
- The podium is brick at the townhouse level there is more of a glass bay type of glazing. The grade has been raised there by 3 or 4 feet off of the sidewalk elevation to give a stronger sense of entry. On the west side there is a significant amount of balcony to control solar gain.
- There is now direct access from the living level to south facing rooftop access.


## The Landscape Architect made the following comments:

- The site planning changes are minor. There was some discussion about the row of existing trees; the area will be re-landscaped.
- Decorative paving and exposed aggregate bands will be added.
- The edge of the green space area will be planted; in the future as more development occurs in City Centre, the City can remove it.
- At $98^{\text {th }}$ Avenue the Green Network Study was responded to by adding small unit pavers along the curb edge. There are cut -throughs to all entries to the townhomes.
- The roof deck plan changed and the space is now more useable. There is an outdoor fitness area and an outdoor amenity area common to the building. As well there is a nature play space for children in the lawn and it very much functions like a back yard for the entire complex.


## ADVISORY DESIGN PANEL STATEMENT OF REVIEW 13586 - 98 Avenue, City Centre <br> File No. 7909-0177-00

It was
Moved by M. Ehman
Seconded by M. Mortensen
That the Advisory Design Panel (ADP)
recommends that the applicant address the following issues to the satisfaction of Planning and Development.

Carried

## STATEMENT OF REVIEW COMMENTS

## Context and Site Circulation

- The applicant should be commended for responding to the comments.
- Good contextual response to adjacent buildings.


## Form and Character

- Consider better articulation of form between townhouses and tower.

See applicant architect's comments below.

- Still an awkwardness where the townhouses connect to the tower along the street edge. There is a conflict; they are not townhouses but are actually tower units. Consider varying the expression at the junction with the tower, e.g., might mean dropping the parapet on the tower part of it to break the line.

The applicant's architect agrees that a distinction could be made here. However, the applicant and architect prefer to keep "tower base" parapet height consistent with the base at the east. Therefore, the parapet height of the townhouse units has been dropped slightly to distinguish from the tower base.

- The top of the tower is improved; there are opportunities to use the tower top as a green roof or amenity space without taking the elevator up. Make it an amenity for the building. On the roof of the townhouses, consideration should be made for a green roof.

The applicant and his architect considered a green roof at the top of the tower and for the townhouse roofs, but felt that the green roof amenity space at level 2 is best situated to provide an amenity for all residents, and this allows for a natural connection to the interior amenity space on level 2 .

- The two ground floor units seem orphaned / awkward.

Although these units are separate from the others, the applicant feels that the proposed high ceilings and large south-facing patios will make these units very desirable.

## Landscaping

- Previous landscaping plan was well developed and the issues have been addressed.


## CPTED and Accessibility

- Make sure access is secure for after hours entry sequence, e.g., at the south.

A note has been added to the site plan.

- Consideration should be given for placing clearly readable address at the top of the building for police air support activities.

A note has been added to the roof plan. Further details will be coordinated at the building permit stage.

## Sustainability

- The work done on the south and west elevations are a big step in the right direction. Could look at a little less glass or maybe have a better performance glass on the south and west side to alleviate difficulties due to solar gain.

The applicant is reluctant to reduce the amount of glazing any further. However, the applicant and his architect will consider better performance glazing to mitigate solar gain.

A by-law to amend Surrey Zoning By-law, 1993, No. 12000, as amended

THE CITY COUNCIL of the City of Surrey, in open meeting assembled, ENACTS AS FOLLOWS:

1. Surrey Zoning By-law, 1993, No. 12000, as amended, is hereby further amended, pursuant to the provisions of Section 903 of the Local Government Act, R.S.B.C. 1996 c. 323, as amended by changing the classification of the following parcels of land, presently shown upon the maps designated as the Zoning Maps and marked as Schedule "A" of Surrey Zoning By-law, 1993, No. 12000, as amended as follows:

## FROM: DOWNTOWN COMMERCIAL ZONE (C-35)

TO: COMPREHENSIVE DEVELOPMENT ZONE (CD)

Parcel Identifier: 003-886-069
Lot "A" Except: Part within Heavy Outline on Highway Statutory Right of Way Plan 62493 Section 34 Block 5 North Range 2 West New Westminster District Plan 9760
13586-98 Avenue
(hereinafter referred to as the "Lands")
2. The following regulations shall apply to the Lands:
A. Intent

This Comprehensive Development Zone is intended to accommodate and regulate the development of high density, high-rise multiple unit residential buildings and related amenity spaces and commercial uses, which are to be developed in accordance with a comprehensive design.

## B. Permitted Uses

The Lands and structures shall be used for the following uses only, or for a combination of such uses:

1. Multiple unit residential buildings and ground-oriented multiple unit residential buildings.
2. The following uses, provided that such uses form part of a multiple unit residential building:
(a) Retail stores excluding adult entertainment stores;
(b) Personal service uses excluding body rub parlours;
(c) General service uses excluding funeral parlours and drive-through banks;
(d) Eating establishments excluding drive-through restaurants;
(e) Office uses excluding social escort services and methadone clinics; and
(f) Child care centres.

## C. Lot Area

Not applicable to this Zone.

## D. Density

1. The floor area ratio shall not exceed 5.13.
2. The indoor amenity space required in Sub-section J.1(b) of this Zone is excluded from the calculation of floor area ratio.

## E. Lot Coverage

The lot coverage shall not exceed $37 \%$.

## F. Yards and Setbacks

Buildings and structures shall be sited in accordance with the following minimum setbacks:

|  | Setback | North <br> (98 Avenue) | South | West |
| :--- | :--- | :--- | :--- | :--- | | East <br> (King George <br> Boulevard) |
| :--- |
| Use |

Measurements to be determined as per Part 1 Definitions of Surrey Zoning By-law, 1993, No. 12000, as amended.

* Stairs may be sited up to 2.0 metres [7 ft.] from the north lot line and a canopy encroachment may be sited up to 0.8 metre [3 ft.] from the north lot line.
** A canopy encroachment may be sited up to 0.8 metre [3 ft.] from the south lot line.
*** A canopy encroachment may be sited up to 1.5 metres [5 ft.] from the east lot line.


## G. Height of Buildings

Measurements to be determined as per Part 1 Definitions of Surrey Zoning By-law, 1993, No. 12000, as amended.

1. Principal buildings: The building height shall not exceed 72 metres [236 feet].
2. Accessory buildings and structures: The building height shall not exceed 4.5 metres [ 15 feet].

## H. Off-Street Parking

1. Resident, visitor and commercial parking spaces shall be provided as stated in Table C.6, Part 5 Off-Street Parking and Loading/Unloading of Surrey Zoning By-law, 1993, No. 12000, as amended.
2. All required resident, visitor and commercial parking spaces shall be provided as underground parking or as parking within building envelope.
3. Notwithstanding Sub-section A.2(c) of Part 5 Off-Street Parking and Loading/Unloading of Surrey Zoning By-law, 1993, No. 12000, as amended the underground parking facility may extend to the eastern lot line.

## I. Landscaping

1. All developed portions of the lot not covered by buildings, structures or paved areas shall be landscaped including the retention of mature trees. This landscaping shall be maintained.
2. Along the developed sides of the lot which abut a highway, a continuous landscaping strip of not less than 1.5 metres [ 5 ft .] in width shall be provided within the lot.
3. The boulevard areas of highways abutting a lot shall be seeded or sodded with grass on the side of the highway abutting the lot, except at driveways.
4. Garbage containers and passive recycling containers shall be located within the underground parking or within a building.

## J. Special Regulations

1. Amenity space shall be provided on the lot as follows:
(a) Outdoor amenity space, in the amount of 3.0 square metres [ 32 sq.ft.] per dwelling unit and shall not be located within the required setbacks; and
(b) Indoor amenity space, in the amount of 3.0 square metres [32 sq.ft.] per dwelling unit.
2. Child care centres shall be located on the lot such that these centres:
(a) Are accessed from a highway, independent from the access to the residential uses permitted in Section B of this Zone; and
(b) Have direct access to an open space and play area within the lot.
3. Balconies are required for all dwelling units which are not ground-oriented:
(a) Balconies shall be a minimum of $5 \%$ of the dwelling unit size or 4.6 square metres [50 sq.ft.] per dwelling unit, whichever is greater; and
(b) Notwithstanding Sub-section J3.(a), balconies may be a minimum of 3.0 square metres [ $32 \mathrm{sq} . \mathrm{ft}$.] in size for a maximum of 20 dwelling units.

## K. Subdivision

Lots created through subdivision in this Zone shall conform to the following minimum standards:

| Lot Size | Lot Width | Lot Depth |
| :--- | :--- | :--- |
|  |  |  |
| 3,200 sq. m. | 35 metres | 85 metres |
| $[0.79$ acre] | $[115 \mathrm{ft}]$ | $[279 \mathrm{ft}]$. |

Dimensions shall be measured in accordance with Section E.21, Part 4 General Provisions, of the Surrey Zoning By-law, 1993, No. 12000 as amended.

## L. Other Regulations

In addition to all statutes, by-laws, orders, regulations or agreements, the following are applicable, however, in the event that there is a conflict with the provisions in this Comprehensive Development Zone and other provisions in Surrey Zoning By-law, 1993, No. 12000, as amended, the provisions in this Comprehensive Development Zone shall take precedence:

1. Definitions are as set out in Part 1 Definitions, of Surrey Zoning By-law, 1993, No. 12000, as amended.
2. Prior to any use, the Lands must be serviced as set out in Part 2 Uses Limited, of Surrey Zoning By-law, 1993, No. 12000, as amended and in accordance with the servicing requirements for the RMC-150 Zone as set forth in the Surrey Subdivision and Development By-law, 1986, No. 8830, as amended.
3. General provisions are as set out in Part 4 General Provisions, of Surrey Zoning By-law, 1993, No. 12000, as amended.
4. Additional off-street parking requirements are as set out in Part 5 Off-Street Parking, of Surrey Zoning By-law, 1993, No. 12000, as amended.
5. Sign regulations are as set out in Surrey Sign By-law, 1999, No. 13656, as amended.
6. Special building setbacks are as set out in Part 7 Special Building Setbacks, of Surrey Zoning By-law, 1993, No. 12000, as amended.
7. Building permits shall be subject to the Surrey Building By-law, 1987, No. 9011, as amended.
8. Building permits shall be subject to Surrey Development Cost Charge By-law, 2010, No. 17111, as may be amended or replaced from time to time, and the development cost charges shall be based on the RMC-150 Zone in City Centre.
9. Surrey Tree Protection By-law, 2006, No. 16100, as amended.
10. Development permits may be required in accordance with the Surrey Official Community Plan, 1996, By-law No. 12900, as amended.
11. Provincial licensing of child care centres is regulated by the Community Care and Assisted Living Act R.S.B.C. 2002. c. 75, as amended, and the Regulations pursuant thereto including without limitation B.C. Reg 319/89/213.
12. This By-law shall be cited for all purposes as "Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, , No. ."

READ A FIRST AND SECOND TIME on the th day of , 20 . PUBLIC HEARING HELD thereon on the th day of , 20 . READ A THIRD TIME ON THE th day of , 20 .

RECONSIDERED AND FINALLY ADOPTED, signed by the Mayor and Clerk, and sealed with the Corporate Seal on the th day of , 20 .
$\mathrm{v}: \backslash \mathrm{wp}-\mathrm{docs} \backslash \mathrm{planning} \backslash$ iodata $\backslash$ oct-dec $\backslash 12011532$ pl.doc 12/9/10 3:57 PM

