

## City of Surrey PLANNING & DEVELOPMENT REPORT File: 7911-0160-00

Planning Report Date: November 28, 2011

## **PROPOSAL:**

- OCP Amendment for a portion from Multiple Residential to Town Centre
- **Rezoning** from RF to CD (based upon RM-70)
- Development Permit

in order to permit the development of 155 units within 3 buildings.

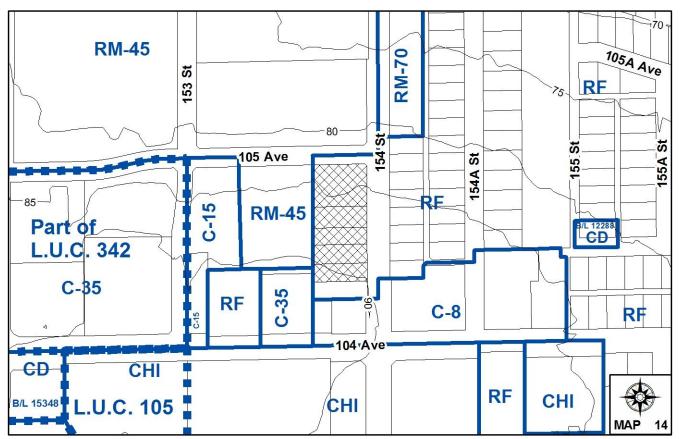
**LOCATION:** 10487/39/53/61/69 - 154 Street

OWNER: BillKang Investment Ltd. and

0903646 BC Ltd.

**ZONING:** RF

**OCP DESIGNATION:** Town Centre & Multiple Residential



## **RECOMMENDATION SUMMARY**

- By-law Introduction and set date for Public Hearing for:
  - o OCP Amendment;
  - o OCP Text Amendment; and
  - o Rezoning.
- Approval to reduce indoor amenity space.
- Approval to draft Development Permit.

## **DEVIATION FROM PLANS, POLICIES OR REGULATIONS**

- The proposed density is higher than what would be permitted under the current Town Centre OCP designation.
- The applicant is seeking a parking reduction of 20%, similar to that approved for City Centre.

## **RATIONALE OF RECOMMENDATION**

- Complies with OCP policies by concentrating medium to high density housing in areas served by public transit and businesses.
- The proposed density and building form are appropriate for this part of Guildford Town Centre.
- The proposed setbacks achieve a more urban, pedestrian-friendly streetscape in a Town Centre.
- The applicant is dedicating substantial area as road dedication.

## RECOMMENDATION

The Planning & Development Department recommends that:

- a By-law be introduced to amend the OCP by redesignating a portion of the site (four (4) properties at 10453, 10461, 10469 and 10487 154 Street), from Multiple Residential to Town Centre, and a date be set for Public Hearing (Appendix II).
- a By-law be introduced to amend the OCP by increasing the allowable floor area ratio within the Town Centre designation for the subject site, from 1.5 to 1.9, as described in Appendix III and a date be set for Public Hearing.
- 3. Council determine the opportunities for consultation with persons, organizations and authorities that are considered to be affected by the proposed amendments to the Official Community Plan, as described in the Report, to be appropriate to meet the requirement of Section 879 of the <u>Local Government Act</u>.
- a By-law be introduced to rezone the subject site from "Single Family Residential Zone (RF)" (By-law No. 12000) to "Comprehensive Development Zone (CD)" (By-law No. 12000) and a date be set for Public Hearing (Appendix IX).
- 5. Council approve the applicant's request to reduce the amount of required indoor amenity space from 465 square metres (5,005 square feet) to 266 square metres (2,864 sq.ft.).
- 6. Council authorize staff to draft Development Permit No. 7911-0160-00 generally in accordance with the attached drawings (Appendix IV).
- 7. Council instruct staff to resolve the following issues prior to final adoption:
  - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
  - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
  - (c) approval from the Ministry of Transportation and Infrastructure (MOTI);
  - (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 landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
  - (f) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
  - (g) 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;

(h) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;

- (i) registration of a Section 219 Restrictive Covenant to adequately address the City's needs with respect to public art, to the satisfaction of the General Manager Parks, Recreation and Culture;
- (j) registration of a Section 219 Restrictive Covenant to allow for the ultimate removal of the vehicular access from 105 Avenue, when the north-south laneway along the west property line can be constructed and the vehicular access can be relocated;
- (k) registration of a 1.2-metre (4 ft.) wide statutory right-of-way for a future greenway along 105 Avenue;
- (l) registration of a 4.0-metre (13 ft.) wide statutory right-of-way to allow for one-half of a future north-south laneway on private property, along the west property line;
- (m) the applicant adequately address the impact of <u>reduced</u> indoor amenity space; and
- (n) the applicant adequately address the shortfall in tree replacement.

## **REFERRALS**

Engineering: The Engineering Department has no objection to the project

subject to the completion of Engineering servicing requirements, as

outlined in Appendix V.

School District: **Projected number of students from this development:** 

8 Elementary students at Harold Bishop School 5 Secondary students at Johnston Heights School

(Appendix VI)

The applicant has advised that the dwelling units in this project are expected to be constructed in three phases and ready for occupancy, as per the following schedule: Phase I - begin construction in April 2012 and ready for occupancy by August 2013; Phase II – begin construction in June 2012 and ready for occupancy by October 2013; and Phase III – begin construction in August 2012 and ready for occupancy by December 2013.

Parks, Recreation & Culture:

Parks requires a 1.2-metre (4 ft.) wide right-of-way for the City greenway proposed along 105 Avenue, which will be constructed by the applicant. Parks has some concerns about the pressure this project will place on existing Parks, Recreation and Culture facilities in the neighbourhood. The applicant should meet with Parks staff to resolve this concern.

Ministry of Transportation and Infrastructure (MOTI):

The application has been referred to the MOTI, but comments have not yet been received. As a condition of final adoption, MOTI approval will be required.

## SITE CHARACTERISTICS

<u>Existing Land Use:</u> Single family house on each of the five lots, which will be removed, with

the western portions substantially treed.

## **Adjacent Area:**

Direction	Existing Use	OCP Designation	Existing Zone
North (Across 105 Avenue):	Existing two-storey townhouse project	Multiple Residential	RM-45
East (Across 154 Street):	Single family dwellings	Multiple Residential	RF
South:	Single family dwelling and Single tenant commercial building and multi-tenant commercial building	Town Centre	RF and C-8
West:	3-storey apartments (housing co-operative)	Multiple Residential	RM-45

## **JUSTIFICATION FOR OCP AMENDMENT**

- The subject site encompasses five (5) properties located at 10439, 10453, 10461, 10469 and 10487 154 Street, in Guildford. The properties located at 10453, 10461, 10469 and 10487 154 Street are designated Multiple Residential in the Official Community Plan (OCP), with 10439 154 Street designated Town Centre.
- The applicant is seeking an OCP amendment to Town Centre for the four (4) northerly properties at 10453, 10461, 10469 and 10487-154 Street, currently designated Multiple Residential, to permit the proposed development.
- While the Multiple Residential designation permits a floor area ratio (FAR) of up to 1.5, the applicant is seeking an FAR of 1.9 based on the net site area, due to the significant road dedication required from this subject site. If the density was based on the gross site area

(i.e. before road dedication), the FAR would be 1.5 for the proposed development.

• The proposed redesignation to Town Centre is consistent with the Town Centre designation of the property immediately to the south at 10439 – 154 Street. The site is in close proximity to the future rapid transit corridor along 104 Avenue, the Guildford Town Centre Mall, the Guildford Community Centre and Library, higher density multiple residential developments and other amenities of the Guildford Town Centre area.

• As part of the current review of the OCP, the Planning & Development Department is considering proposing an increase in density for the Guildford Town Centre to an FAR of 2.5. This increase in density would support rapid transit along 104 Avenue and act as a catalyst for redevelopment in this area, similar to what is being proposed under the current application.

## **DEVELOPMENT CONSIDERATIONS**

- The subject site encompasses five (5) properties located south of 105 Avenue on the west side of 154 Street, in Guildford. The subject site is 0.58 hectare (1.4 acres) in net area and is currently zoned Single Family Residential (RF). The 4 northern-most lots (10453, 10461, 10469 and 10487 154 Street) are designated Multiple Residential in the OCP, with the most southerly lot (10439 154 Street) designated Town Centre.
- The applicant is proposing an OCP amendment to redesignate the four properties at 10453, 10461, 10469 and 10487 154 Street from Multiple Residential to Town Centre, a rezoning from RF to Comprehensive Development Zone (CD) and a Development Permit for the entire subject site, to allow for the development of 155 apartment units within three (3) 4- to 5-storey apartment buildings.
- The proposed unit mix of the development will encompass 9 studio units, 50 1-bedroom units and 96 2-bedroom units. The units will range in size from 41 square metres (437 sq.ft.) for 'Unit A1', a studio unit, to 74 square metres (799 sq.ft.) for 'Unit E7c', a 2-bedroom unit.
- The proposed development is to be divided into three phases. Phase I will encompass the building closest to 105 Avenue. Phase II will encompass the building in the centre and Phase III will encompass the southernmost building (to front the new 104A Avenue at the south).
- As per standard Zoning By-law requirements, the development is required to provide 465 square metres (5,005 sq.ft.) of indoor amenity space based on 3 square metres (32 sq.ft.) per dwelling unit. The development proposes 266 square metres (2,864 sq.ft.) of indoor amenity, which results in a shortfall of 199 square metres (2,142 sq.ft.) of indoor amenity space. The applicant will be required to provide cash-in-lieu in the amount of \$69,300.00 (based upon a shortfall of 66 units x \$1,050 per unit) as per City Policy.
- The applicant is requesting consideration of reduced indoor amenity space, due to the subject site's proximity to the Guildford Recreation Centre and Library and other amenities such as restaurants, a movie theatre and coffee shops. The applicant is also hoping to keep the strata's maintenance fees down by not incorporating expensive features which may add to maintenance costs.

• The proposed indoor amenity space will be located on the ground floor of proposed Building 2 in Phase II of the proposed development. This space will incorporate a fireside lounge, games area, multi-purpose area, children's playroom and guest suite.

- As per standard Zoning By-law requirements, the development is required to accommodate 465 square metres (5,005 sq.ft.) of outdoor amenity space as part of the development, based on 3 square metres (32 sq.ft.) per dwelling unit. The development proposes 641 square metres (6,900 sq.ft.), which exceeds the minimum required outdoor amenity space. The outdoor amenity space is divided into two separate areas, one primarily in Phase I and the other in Phase II, to be shared amongst the three phases. The proposed outdoor amenity space for Phase I will accommodate a seating patio, water feature and lawn area with seating. An amenity patio will also be extended to the indoor amenity space of Building 2. The proposed outdoor amenity space for Phase II will incorporate a children's play area and seating area.
- The development will provide 190 residential stalls and 26 visitor stalls in two (2) levels of underground parking based upon a 20% reduction as permitted in the Zoning By-law for a site in the City Centre area. Staff have agreed to support the proposed 20% parking relaxation given the site's proximity to a future rapid transit corridor and the significant amount of road dedication being provided. The road dedications for the future 104A Avenue, as well as for the widening of 105 Avenue and 154 Street, will improve the connectivity within the Guildford Town Centre area.
- Bicycle storage parking is proposed within the two levels of underground parking and complies with the Zoning By-law.

## Circulation, Vehicular Access and New 104A Avenue

- As part of this application, Engineering staff reviewed the road network and vehicular and pedestrian circulation in this area. It was determined that some sort of lane/road would be required to ultimately eliminate vehicular accesses from 104 Avenue.
- It was determined that a road bordering the southern property line of the subject site would be necessary. As a result, the applicant has been required to dedicate a significant portion of land along the south property line of the subject site.
- The applicant is proposing to dedicate an approximately 14-metre (46 ft.) wide portion of road at the south of the development site, which will form a part of the future 104A Avenue.
- Overall, the applicant is dedicating 1,306 square metres (14,058 sq. ft.) of land for road purposes.
- 104A Avenue will ultimately allow for travel between 153 Street and 154 Street, helping to alleviate congestion from 104 Avenue, a major arterial road, as well as ultimately allowing for vehicular accesses on 104 Avenue to be removed. A lane has already been dedicated to the west of the subject site to assist in creating this new road.
- A 4.0-metre (13 ft.) wide statutory right-of-way is being provided by the applicant along the west property line to secure one-half of a future 8.0-metre (26 ft.) wide laneway. This

laneway will be situated on private property, but will permit public access through the registration of a statutory right-of-way.

• Vehicular access at 105 Avenue is being provided as a temporary access, until the north-south laneway along the west property line can be constructed in the future. The vehicular access will then be removed from 105 Avenue and relocated to this new laneway. A Section 219 Restrictive Covenant is to be secured on the subject site, in order to remove the vehicular access from 105 Avenue in the future.

## Off-Street Parking

- The development is required to provide 221 resident parking stalls and 31 visitor parking stalls. However, the development is proposing 190 residential stalls and 26 visitor stalls, resulting in a total of 216 parking stalls, in two levels of underground parking. The number of parking stalls proposed does not comply with the Zoning By-law requirements.
- The applicant is seeking a 20% reduction in resident and visitor parking spaces, similar to the City Centre parking ratio. At a minimum, based upon this 20% reduction, 177 residential and 25 visitor parking stalls would be required. The Engineering Department supports this request for reduced parking due to the location of the subject site, which is close to major transportation routes and due to the significant road dedication the applicant is providing.

## Trees and Landscaping (Appendix VII)

- An arborist report was submitted for staff review, prepared by Peter Mennel, Certified Arborist for Mike Fadum and Associates Ltd.
- The report has identified 81 trees on-site. Of these 81 trees, 8 trees are proposed to be retained and 73 trees are proposed to be removed. The majority of the trees identified are Western Red Cedar and Western Red Hemlock, with a few Bigleaf Maples, Birch, Alder, Cottonwood, Dogwood, Douglas Fir, Chestnut and Poplar.

Tree Species	Total Number of Trees	Total Proposed for Retention	Total Proposed for Removal
Alder, Red	2	0	2
Cottonwood Black			
Birch	3	0	3
Western Red Cedar	47	8	39
Atlas Cedar	1	0	1
Chestnut	1	0	1
Pacific Dogwood	3	0	3
Falsecyrpress	1	0	1
Douglas Fir	1	0	1
Western Hemlock	14	0	14
Bigleaf Maple	7	0	7
Poplar	1	0	1
TOTAL	81	8	73

• A grouping of five (5) Western Red Cedars is proposed for retention along the property line west of Building 2 and a group of three (3) Western Red Cedars is proposed for retention at the northwest corner of the subject site.

- As a result of the proposed tree removal, 142 replacement trees will be required on-site. However, only 87 trees are proposed for replacement on site. Cash-in-lieu will be required for the shortfall in replacement trees.
- Street edges are to be planted with a double row of trees, and public entry points are distinguished from private entries by varying tree species.

## Proposed CD By-law (Appendix IX)

- The proposed CD By-law is based upon the Multiple Residential 70 Zone (RM-70) with modifications to density, lot coverage, building setbacks and parking requirements.
- The maximum floor area ratio (FAR) permitted under the RM-70 Zone is 1.5. In recognition of the substantial amount of land required for road dedication, the proposed CD By-law will permit a maximum FAR of 1.9. The FAR calculation is based upon the net land area, minus all of the road dedication areas.
- The proposed CD By-law provides for an increase in lot coverage to 50% from 45% permitted in the RM-70 Zone.
- The building setbacks along 105 Avenue, 154 Street and the new 104A Avenue are proposed to be reduced from 7.5 metres (25 ft.) required in the RM-70 Zone to 4.5 metres (15 ft.), to encourage more street interface and a pedestrian-friendly streetscape.
- The residential and visitor parking requirements will be based upon a 20% reduction of the Zoning By-law requirement, similar to what is permitted in the City Centre area. At a minimum, 177 residential and 25 visitor parking stalls would be required with the 20% discount. This parking reduction is supportable due to the fact that the location of the development is close to a rapid transit corridor along 104 Avenue and 152 Street and due to the significant road dedication being conveyed by the applicant.
- A reduction in the bicycle parking requirement shall also be included in the proposed CD By-law.

## **PRE-NOTIFICATION**

Pre-notification letters were mailed out on August 29, 2011. Staff received 4 responses with comments or concerns related to the proposed development.

• The anticipated traffic from the proposed development will negatively impact the neighbourhood, especially the intersection at 105 Avenue and 154 Street, as it is a dangerous intersection. There are accidents daily at this intersection. A Traffic Impact Study should be required as the added residential units may further impact the existing street network. 105 Avenue appears to allow for truck traffic.

(Transportation Engineering staff have indicated that a Traffic Impact Study is not necessary, as the applicant is proposing to dedicate substantial road dedication to provide increased connectivity within the neighbourhood. The future 104A Avenue will assist in alleviating traffic pressure in the future, especially from 104 Avenue It has been determined that the existing and future roads in this area can adequately handle the anticipated traffic from this development. 105 Avenue has not been identified as an existing or future truck route.)

• The subject site is well treed. Tree removal is a concern.

(An arborist report was submitted by the applicant. In the report, 81 on-site trees were identified. Of these 81 trees, only 8 trees have been identified for retention. A grouping of 5 Western Red Cedars is proposed for retention along the property line west of Building 2 and a group of 3 Western Red Cedars is proposed for retention at the northwest corner of the site. Unfortunately, due to the proposed apartment building form and design for an underground parkade, it makes it difficult to preserve trees within the subject site.)

• Concern as to whether these units will be rental.

(Based on information received from the applicant, staff advised the resident that the units are proposed to be market units. It will be up to the Strata Council, once formed, to regulate the tenancy of the residential units.)

## PUBLIC CONSULTATION PROCESS FOR OCP AMENDMENT

Pursuant to Section 879 of the <u>Local Government Act</u>, it was determined that it was not necessary to consult with any persons, organizations or authorities with respect to the proposed OCP amendments, other than those contacted as part of the pre-notification process.

## **DESIGN PROPOSAL AND REVIEW**

## Vehicular Access and Parking

- Given the considerable grade change on the site, vehicular access is located at the low point of the site at the northwest corner, at 105 Avenue. The parkade access is configured such that when the future statutory right-of-way laneway is developed along the western property line, the orientation of the parkade opening can be changed to face the new laneway. The current configuration preserves three (3) large Western Red Cedars at the northwest corner of the site. The parkade provides parking for both visitors and residents. Visitor spaces are secured and located such that direct access is provided to the elevator lobby of each building.
- Visitor access is controlled to the underground parking structure by enter-phones and security grills. CPTED principles have been used in the design of the underground parking, including painting all surfaces white, providing good lighting and providing glazing/vision panels in stairwell and lobby access points

## **Building Design**

• The proposed multiple unit residential development is comprised of three buildings over a common, two-level underground parking structure.

- The three (3) proposed buildings range in height from 13.9 metres (46 ft./4 storeys) for proposed Building 3 at the south end of the site, 14.3 m (47 ft./4 storeys) for proposed Building 2 and 14.5 m (48 ft./5 storeys) for proposed Building 1 at the north end of the site.
- Building exteriors are contemporary in design and include a flat roof with over-scaled timber bracket detailing. Clerestory elements at the upper floors and glazed balcony railings are proposed. Building materials include a combination of vinyl siding, hardie-panel sheets, wood trim detailing and brick/metal railings at the street interface. Materials and fenestration are organized to create a two-storey expression for the ground-oriented units and the colours of the two-storey base elements are varied on each building to provide a separate identity for each.
- The proposed development is intended to be constructed in accordance with Built Green guidelines.
- Disabled access is proposed to all building entries, and to all residential units per the BC Building Code. Pathways through and around the site are designed to accommodate disabled access. The amenity rooms and washrooms are fully accessible. Disabled parking is provided for visitors and residents in the underground parking structure adjacent the elevator lobbies.
- Due to the slope of the subject site, retaining walls are proposed along all street interfaces.

## Indoor and Outdoor Amenity Spaces

- Two outdoor amenity courtyards are proposed between the buildings and provide access to the common indoor amenity area located at the ground floor of proposed Building 2.
- The north courtyard, between proposed Buildings 1 and 2, is adjacent to a fireside lounge area and is designed for adult use. A large patio will overlook a stepped water feature with bubbles to create a calm environment. A west-facing patio is located off a games room and overlooks the public walkway.
- The southern courtyard (and corresponding indoor amenity space), between proposed Buildings 2 and 3, has been designed toward children and features play equipment and benches for supervision. The play area is directly adjacent to the indoor amenity space (in proposed Building 2) for additional supervision.
- The courtyard spaces are intended to be well monitored due to their locations between buildings and the proposed location of the indoor amenity rooms.
- A low brick wall and metal fence marks the separation between private residential space and public space along all street edges.

• Accessible pedestrian access is provided to the lobby of each building on 105 Avenue and 154 Street. Pedestrian access is also provided to each ground-oriented unit facing a street via individual walkways and private courtyards/patios. A public pedestrian pathway is to be situated north/south along the west edge of the site, providing access for existing neighbourhood residents to the commercial uses at 104 Avenue. The amenity areas have pedestrian access at the east and west ends, as well as connections to each building.

## **ADVISORY DESIGN PANEL**

ADP Date: August 18, 2011

The architectural design issues identified by ADP have been resolved to the satisfaction of the City Architect. However, minor adjustments may be required prior to consideration of Final Adoption. Landscape items are subject to completion, prior to consideration of Final Adoption.

## **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. OCP Amendment Map

Appendix III. Proposed OCP Text Amendment By-law

Appendix IV. Proposed Site Plan, Building Elevations, Landscape Plans and Perspective

Appendix V. Engineering Summary
Appendix VI. School District Comments

Appendix VII. Summary of Tree Survey and Tree Preservation Appendix VIII. ADP Comments and Applicant's Responses

Appendix IX. Proposed CD By-law

## INFORMATION AVAILABLE ON FILE

• Complete Set of Architectural and Landscape Plans prepared by Focus Architecture Inc. and DMG Landscape Architects Inc., respectively, dated October 5, 2011.

original signed by Judith Robertson

Jean Lamontagne General Manager Planning and Development

PL/kms

## APPENDIX I

## <u>Information for City Clerk</u>

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

1. (a) Agent: Name: Mr. Colin Hogan

Focus Architecture Inc.

Address: #109-1528 McCallum Road

Abbotsford, BC

V2S 8A3

Tel: 1-604-853-5222

2. Properties involved in the Application

(a) Civic Address: 10487, 10439, 10453, 10461 and 10469 - 154 Street

(b) Civic Address: 10487 - 154 Street

Owner: BillKang Investment Ltd.

PID: 009-603-905

Lot 4 Except: Parcel "A" (Bylaw Plan 64954); Section 21 Block 5 North Range 1 West New

Westminster District Plan 11839

(c) Civic Address: 10439 - 154 Street

Owner: 0903646 BC Ltd.

**Director Information:** 

Bruno Benedet David J. Bird

No Officer Information Filed

PID: 010-270-906

Lot 5 Except: Parcel "E" (Bylaw Plan 64954), Section 21 Block 5 North Range 1 West New

Westminster District Plan 17008

(d) Civic Address: 10453 - 154 Street

Owner: 0903646 BC Ltd.

**Director Information:** 

Bruno Benedet David J. Bird

No Officer Information Filed

PID: 004-455-797

Lot 6 Except: Parcel D (Bylaw Plan 64954), Section 21 Block 5 North Range 1 West New

Westminster District Plan 17008

(e) Civic Address: 10461 - 154 Street Owner: 0903646 BC Ltd.

o9o3646 BC Ltd.
Director Information:

Bruno Benedet David J. Bird

No Officer Information Filed

PID: 012-028-088

Lot: Lot A Section 21 Block 5 North Range 1 West New Westminster

District Plan 78847

(f) Civic Address: 10469 - 154 Street

Owner: 0903646 BC Ltd.

<u>Director Information:</u> Bruno Benedet

David J. Bird

No Officer Information Filed

PID: 012-028-096

Lot: Lot B Section 21 Block 5 North Range 1 West New Westminster

District Plan 78847

3. Summary of Actions for City Clerk's Office

(a) Introduce a By-law to amend the Official Community Plan to redesignate a portion of the site (10453, 10461, 10469 and 10487-154 Street) from Multiple Residential to Town Centre.

- (b) Introduce a By-law to amend the Official Community Plan to increase the floor area ratio of the Town Centre designation, from 1.5 to 1.9 for the subject site.
- (c) Introduce a By-law to rezone the subject site.
- (d) The application is under the jurisdiction of the MOTI.

## **DEVELOPMENT DATA SHEET**

Proposed Zoning: CD (based on RM-70)

Required Development Data	Minimum Required / Maximum Allowed In RM-70 Zone	Proposed
LOT AREA (in square metres)		
Gross Total		7,081 sq.m.
Road Widening area		1,306 sq.m.
Undevelopable area		
Net Total		5,775 sq.m.
LOT COVERAGE (in % of net lot area)		
Buildings & Structures	45%	49.7%
Paved & Hard Surfaced Areas		16.3%
Total Site Coverage		66%
SETBACKS ( in metres)		
105 Avenue (N)	7.5 m	4.5 m*
104A Avenue (S)	7.5 m	4.5 m**
Side #1 (W)	7.5 m	7.5 m***
154 Street (E)	7.5 m	4.5 m****
BUILDING HEIGHT (in metres/storeys)		
Principal	50 m	13.9 m (4 storeys) to 14.5 m (5 storeys)
Accessory	4.5 m	4.5 m
NUMBER OF RESIDENTIAL UNITS		
Bachelor		9
One Bed		50
Two Bedroom		96
Total		155
FLOOR AREA: Residential		11,238 sq.m.
FLOOR AREA: Commercial		N/A
FLOOR AREA: Industrial		N/A
FLOOR AREA: Institutional		N/A
TOTAL BUILDING FLOOR AREA	8,663 sq.m.	11,238 sq.m.

<sup>\*</sup> Notwithstanding the proposed building setback, a roof canopy and columns may encroach within the 105 Avenue (N) yard setback.

<sup>\*\*</sup> A roof canopy may encroach into the 104A Avenue (S) yard setback.

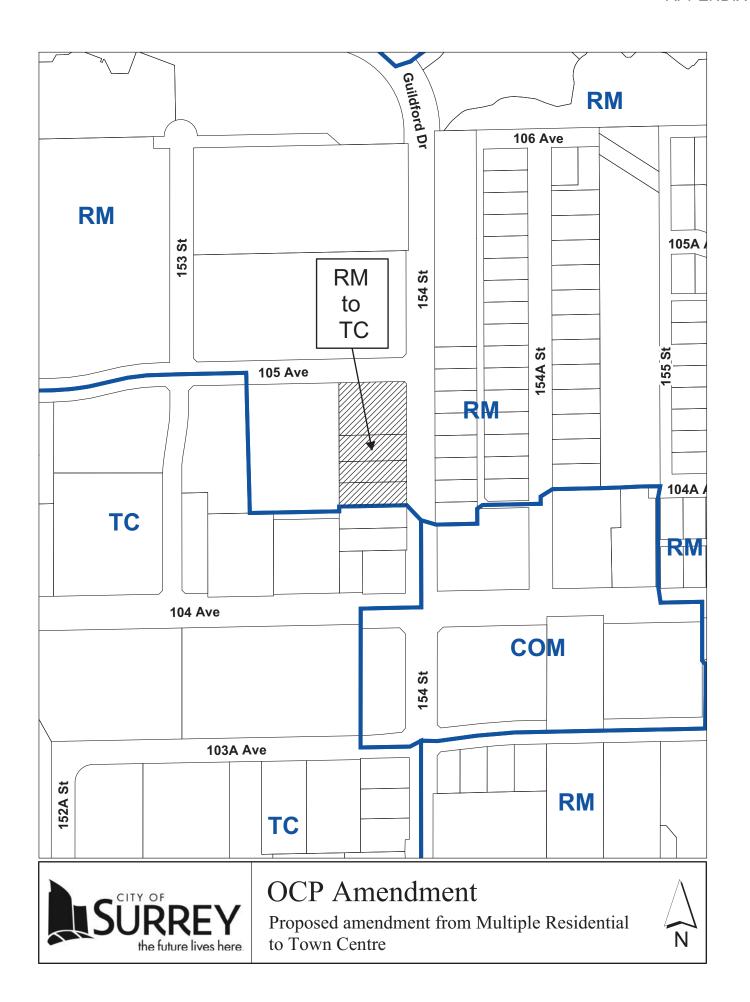
<sup>\*\*\*</sup> A roof canopy may encroach into the west yard setback.

<sup>\*\*\*\*</sup> A roof canopy and stairs may encroach into the 154 Street (E) yard setback.

## Development Data Sheet cont'd

Required Development Data	Minimum Required / Maximum Allowed in RM-70 Zone	Proposed
DENSITY		
# of units/ha /# units/acre (gross)		
# of units/ha /# units/acre (net)	N/A	269 uph/108 upa
FAR (gross)		1.5
FAR (net)	1.5	1.9
AMENITY SPACE (area in square metres)		
Indoor	465 sq.m.	266 sq.m.
Outdoor	465 sq.m.	641 sq.m.
PARKING (number of stalls)		
Commercial		N/A
Industrial		N/A
Residential Bachelor + 1 Bedroom	77	190
2-Bed	144	· · · · · · · · · · · · · · · · · · ·
Residential Visitors	31	26
Institutional		N/A
Total Number of Parking Spaces	252	216
Number of disabled stalls	3	5
Number of small cars	63	51
Tandem Parking Spaces: Number / % of Total Number of Units		N/A
Size of Tandem Parking Spaces width/length		N/A

Heritage Site	NO	Tree Survey/Assessment Provided	YES
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## **CITY OF SURREY**

BY-LAW	NO	
DI-LAW	INO.	

			Commi	unity Plan B	y-law, 19	96, N	s of "Surrey Of o. 12900" as an	nended	
ТНЕ С	ITY CO	UNCIL	of the C	ity of Surrey	, in open	meet	ing assemble	d, ENACTS A	S FOLLOWS:
1.	-	Official		unity Plan B	y-law, 199	96, No	o. 12900, as an	nended, is he	reby further
	(a)		unity Pl	•			wable Density , as amended,	_	ficial ther amended
		i.	-	rting "1.5**" .rea Ratio co		-	the second co	olumn under	the Allowable
		ii.		rting below follows:	the table	after	the first footr	note (*) a seco	and footnote
			"**		civic ado	dresse	, 10469 and 10 s created, mu .9."		•
2.	This B	y-law sh	nall be ci	ted for all p	urposes a	ıs "Suı	rrey Official C	ommunity Pl	an By-law,
	•	= '		-	-		law, 2008, No	-	•
PASSE	D FIRS	Γ AND S	SECONE	) READING	on the		th day of	, 20	•
PUBLI	С НЕАБ	RING H	ELD the	reon on the		th day	y of	, 20 .	
PASSE	D THIR	D REAI	DING O	N THE	th da	ay of		, 20 .	
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3D VIEWS 154th Street & 105th Avenue, Surrey, BC

# PROPOSED MULTI-FAMILY DEVELOPMENT 0903646 BC LTD. Post ADP Revisions November, 07 2011







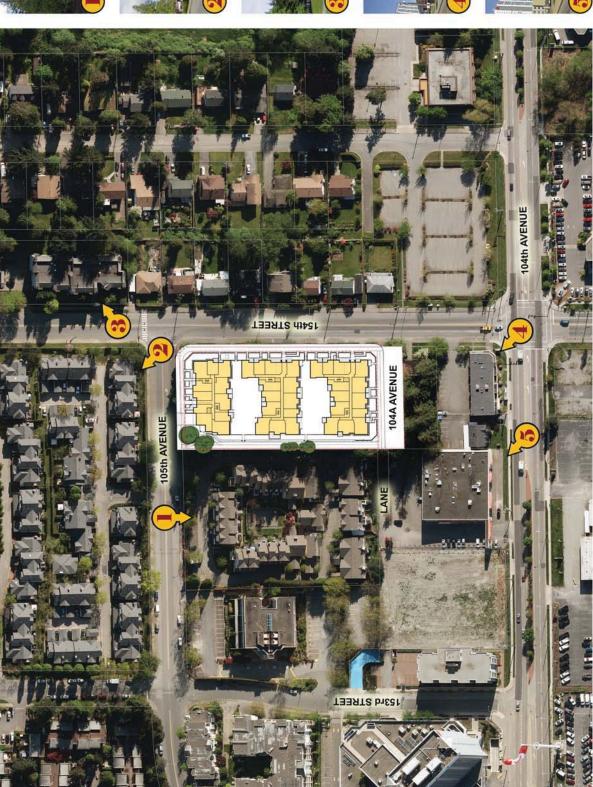












## 7-FAMILY PROPOSED MU 0903646 BC LTD.





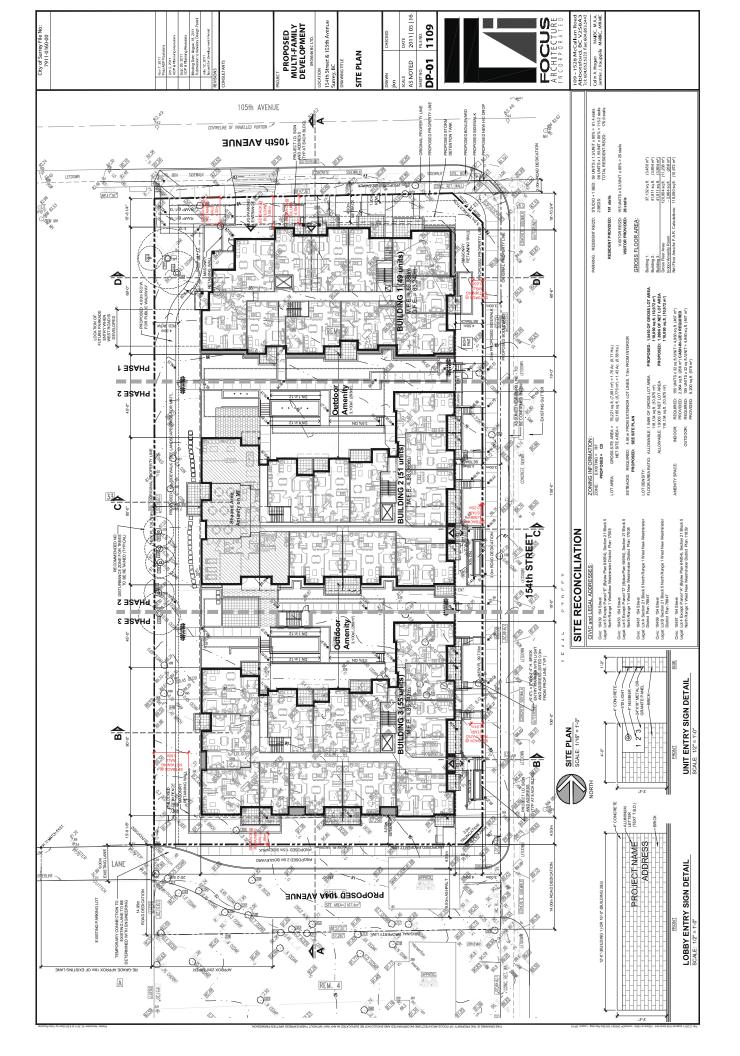
# PROPOSED MULTI-FAMILY DEVELOPMENT

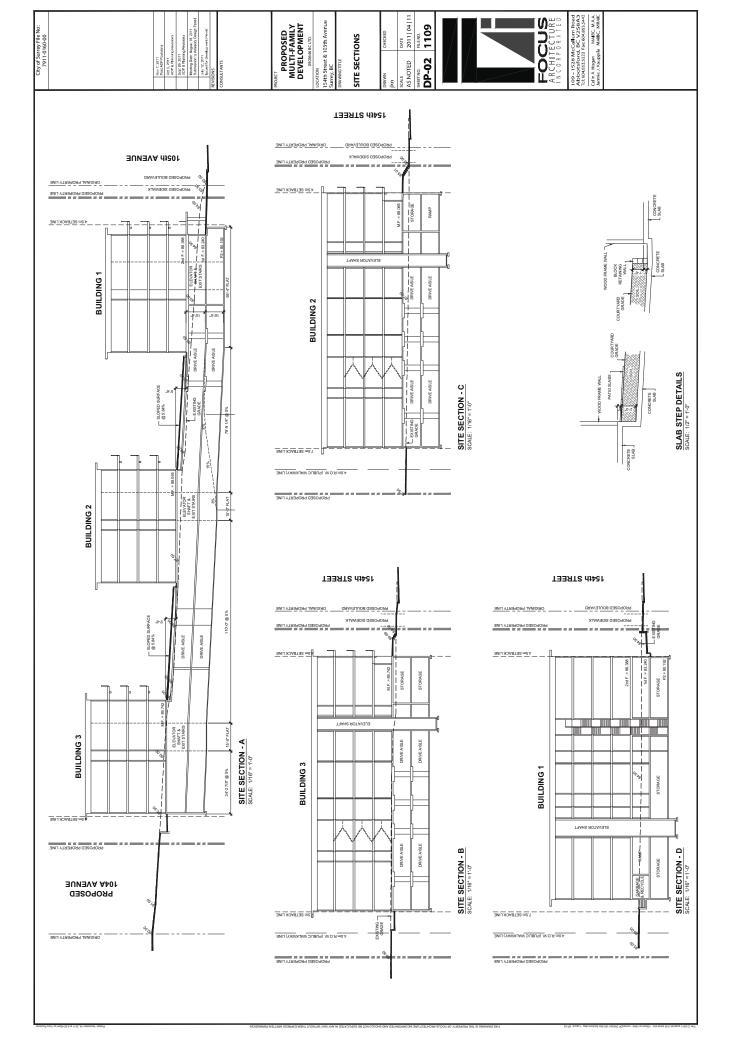
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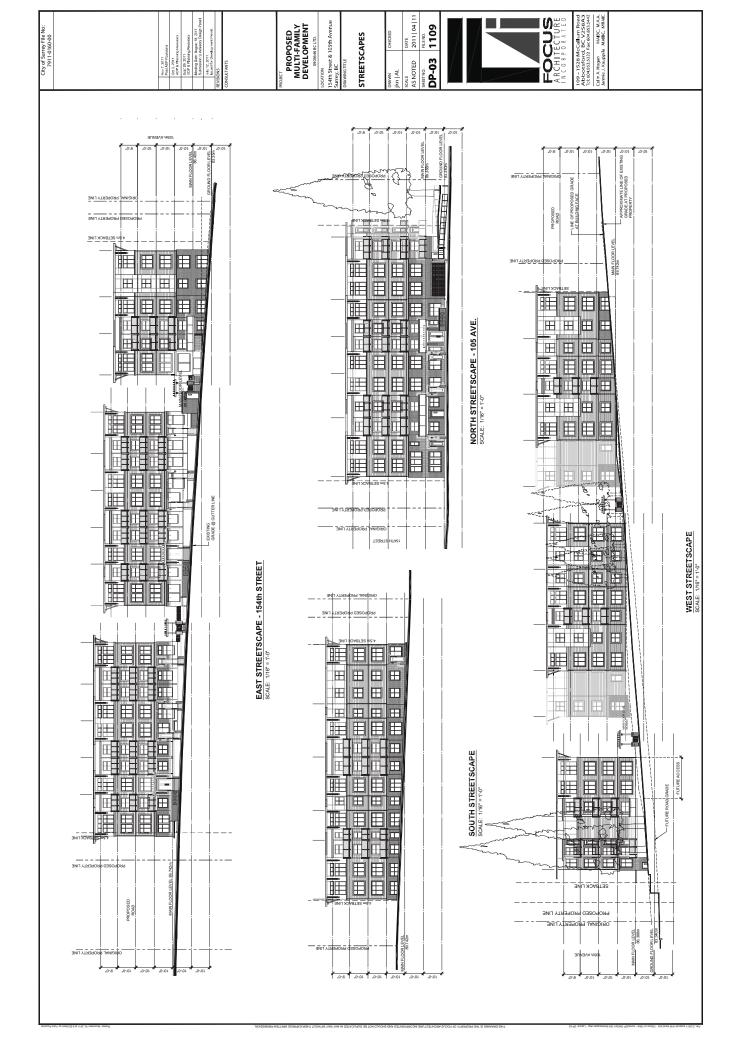
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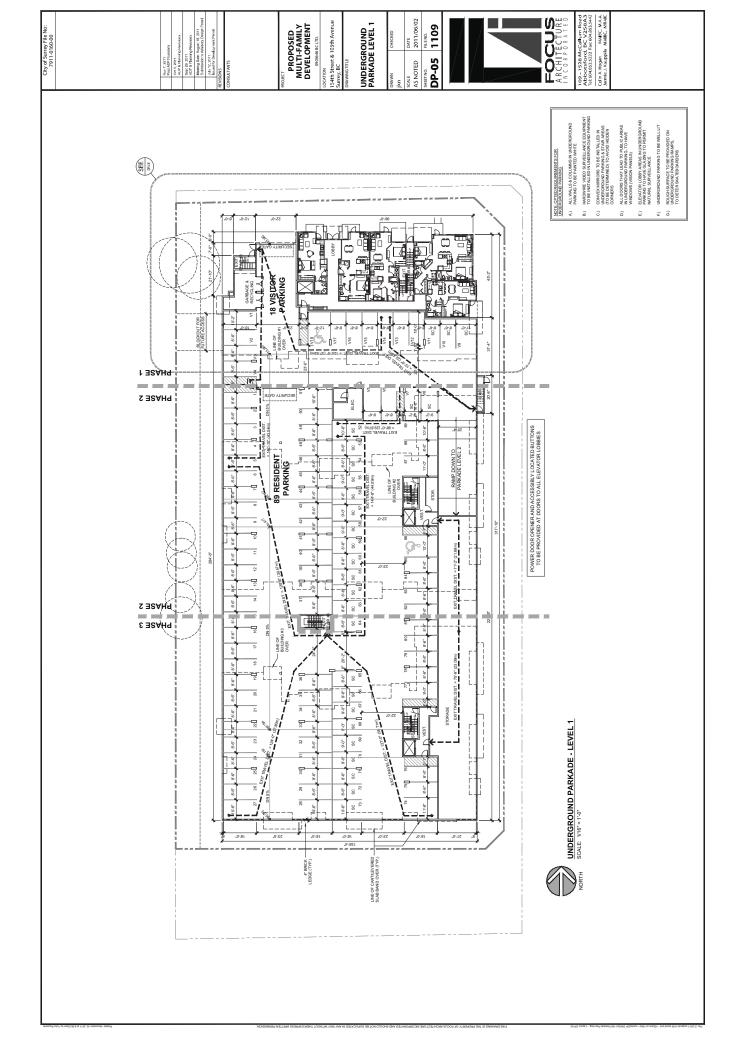
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154th Street & 105th Avenue, Surrey, BC

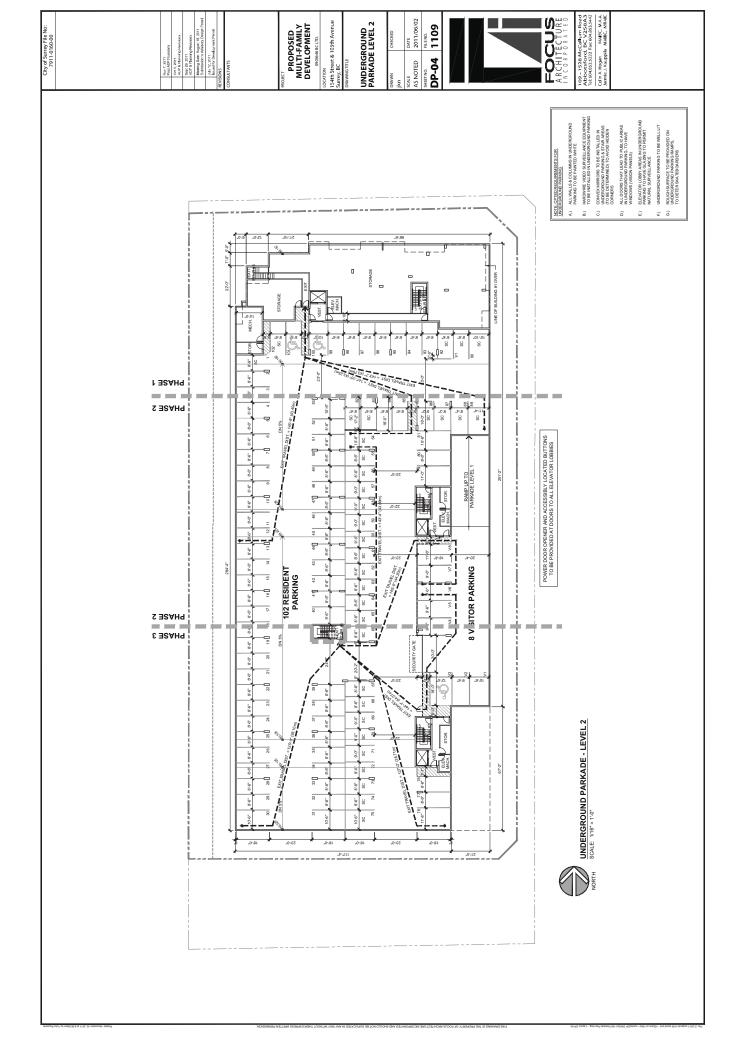
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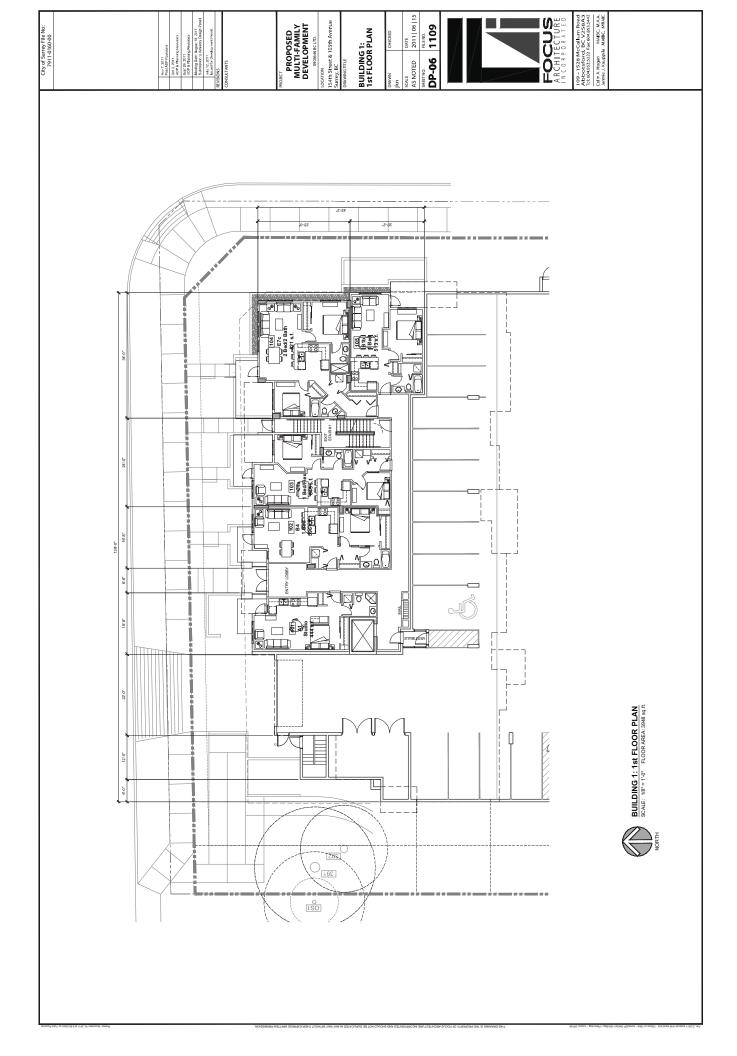


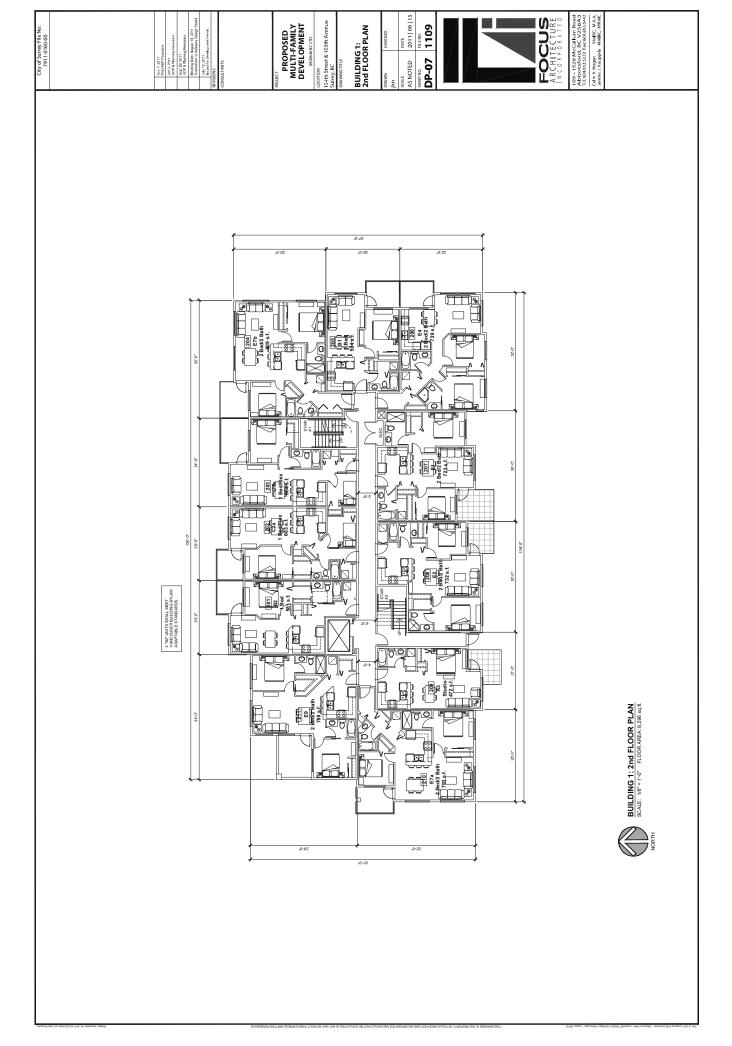








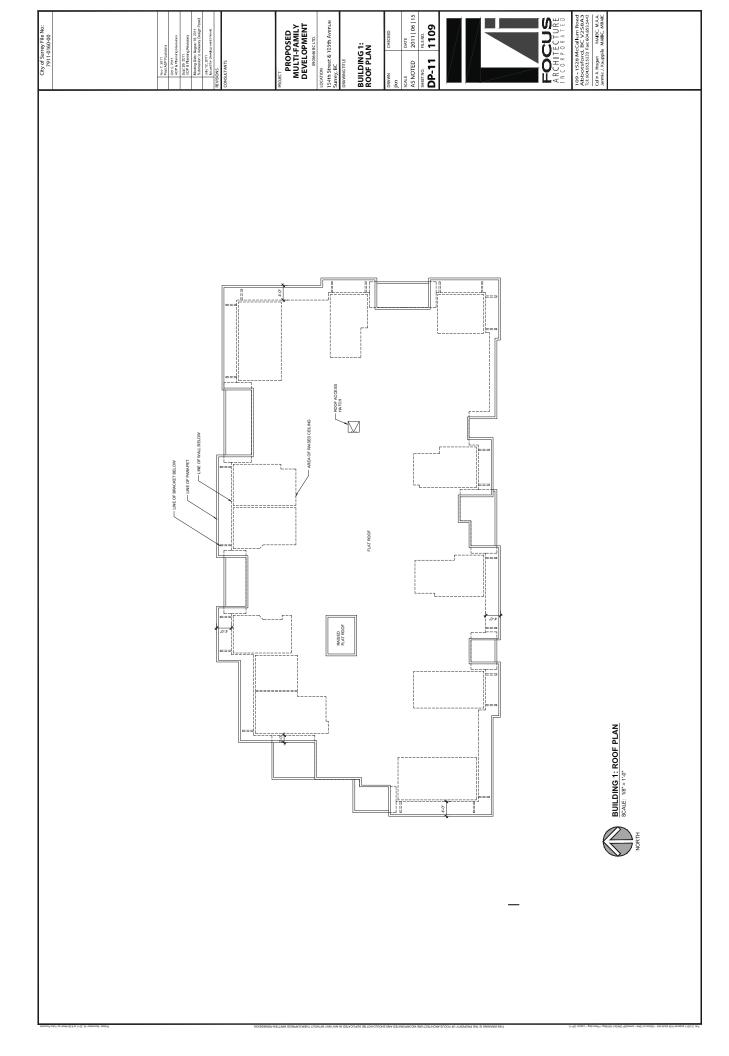


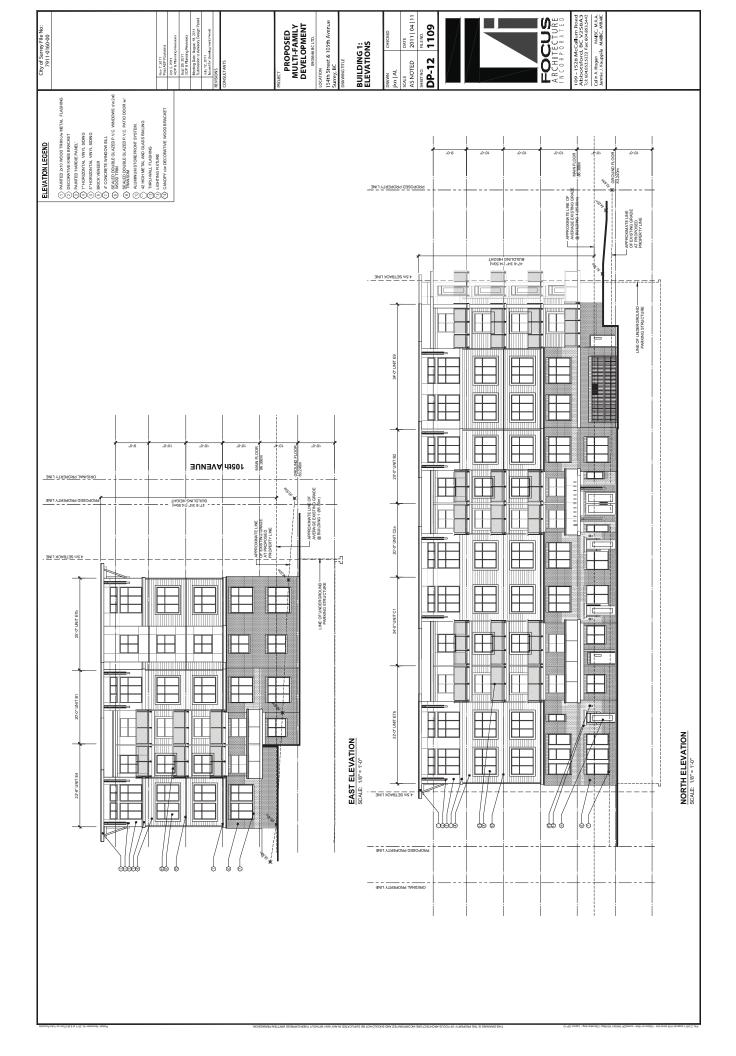


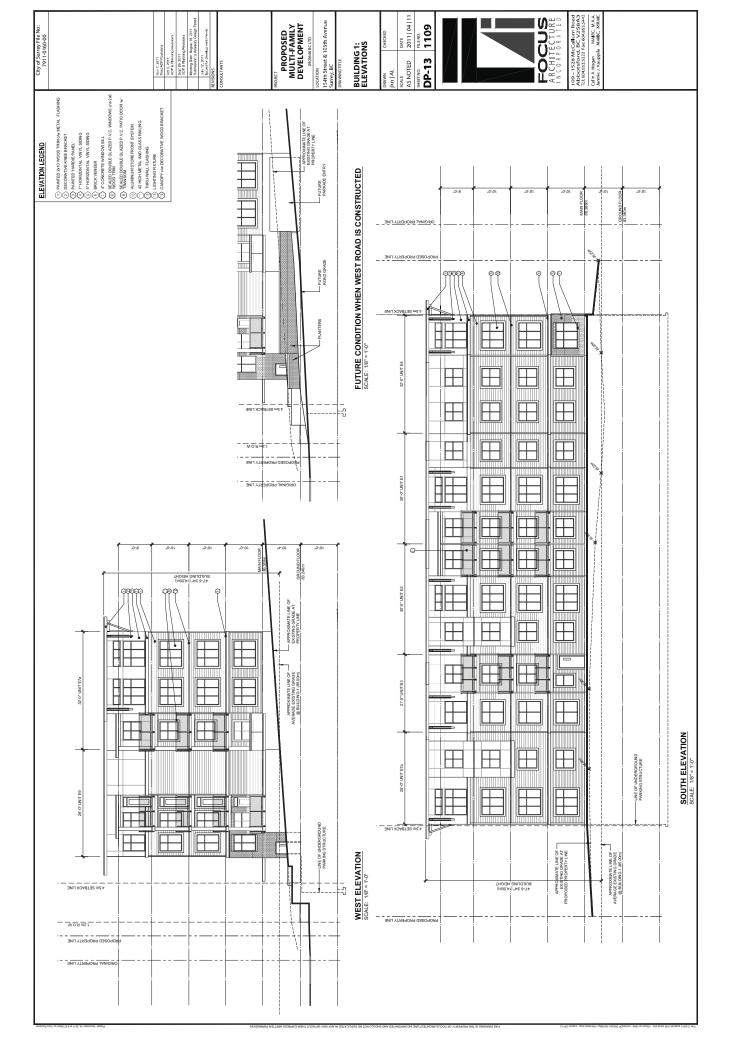
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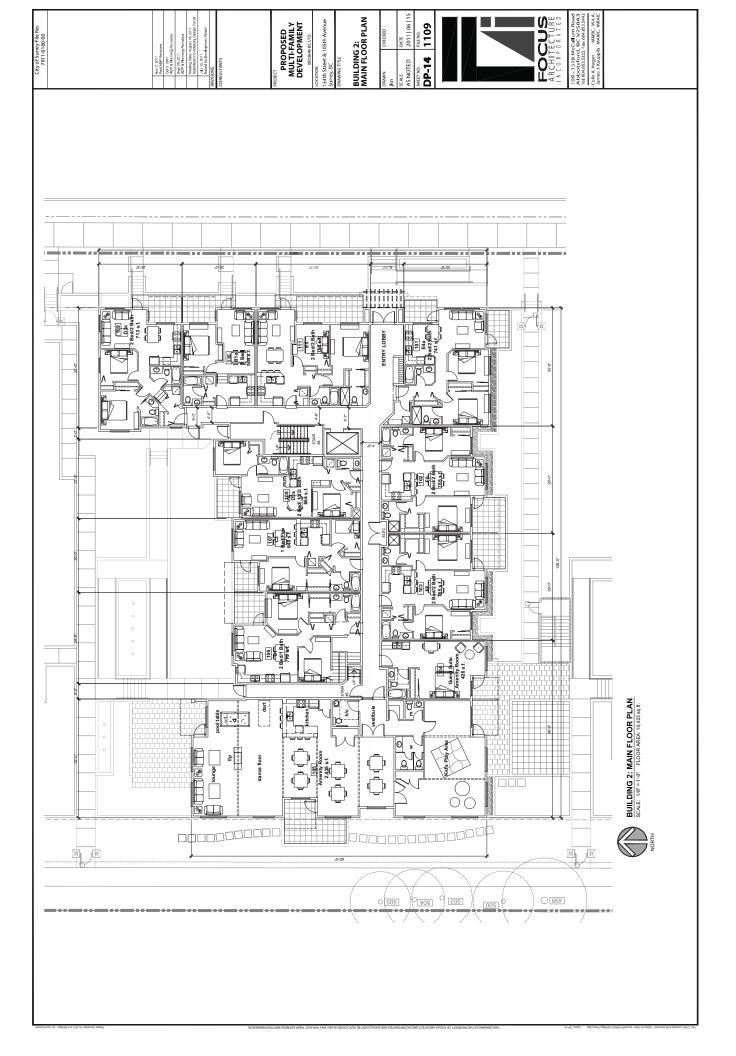
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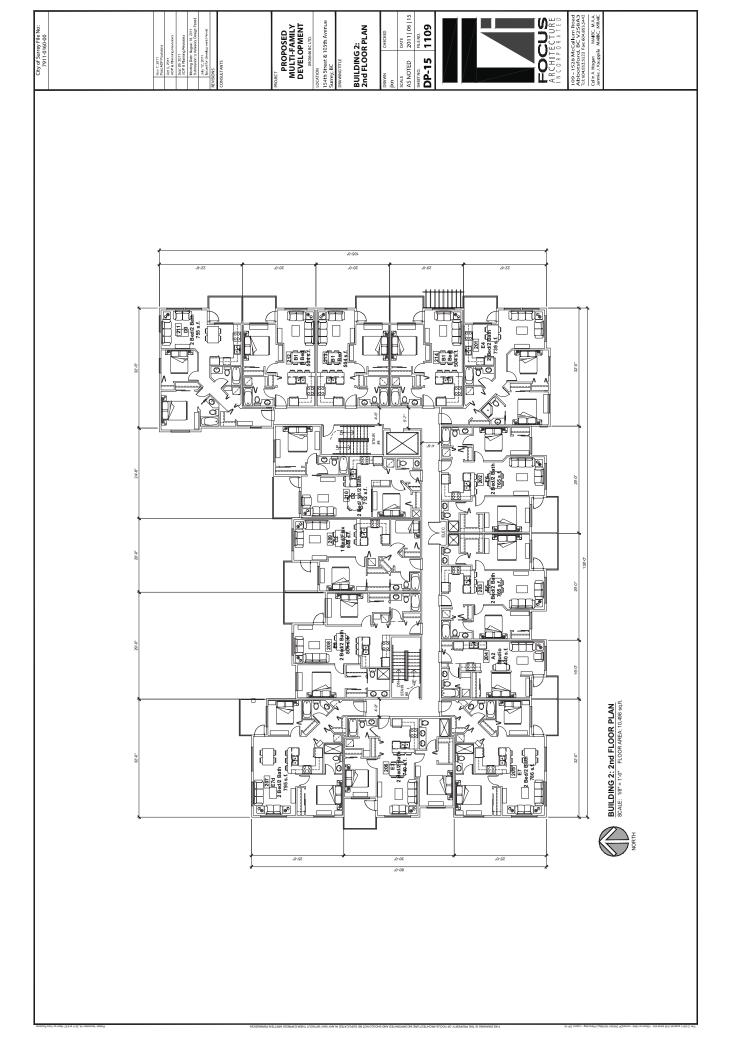
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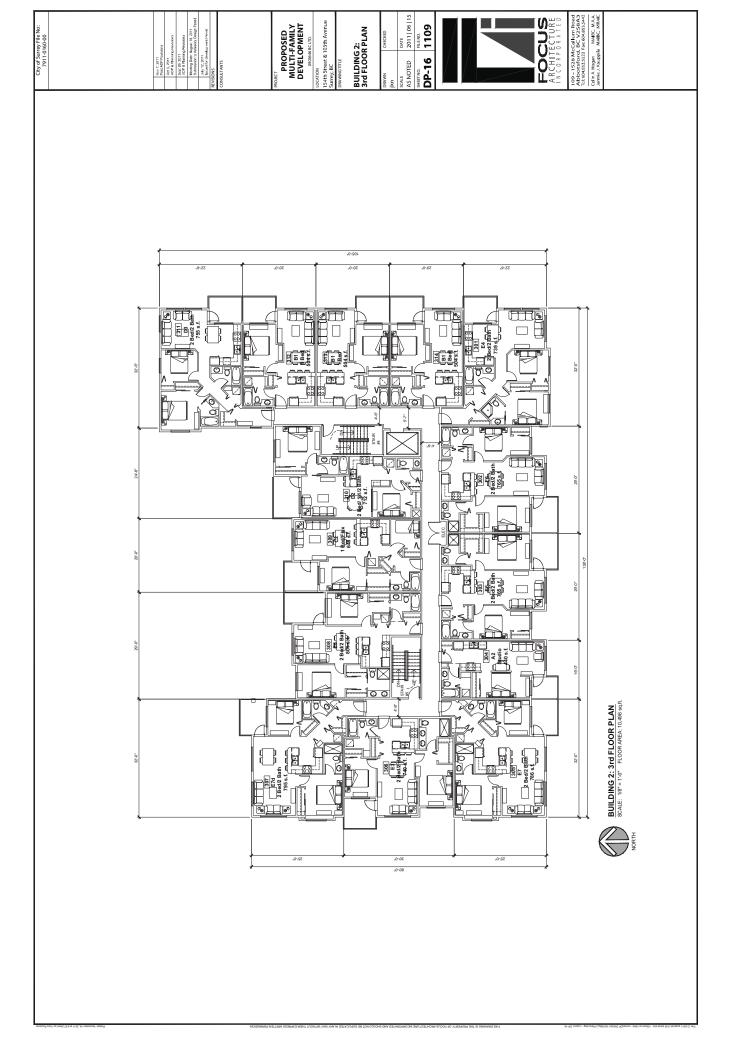


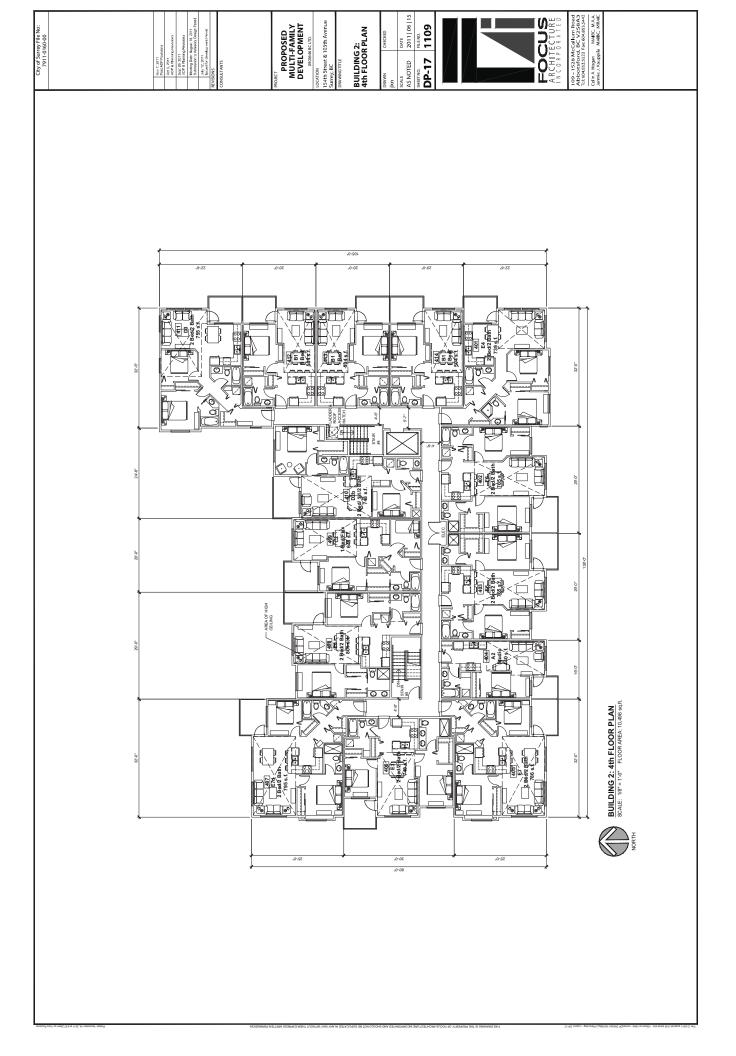


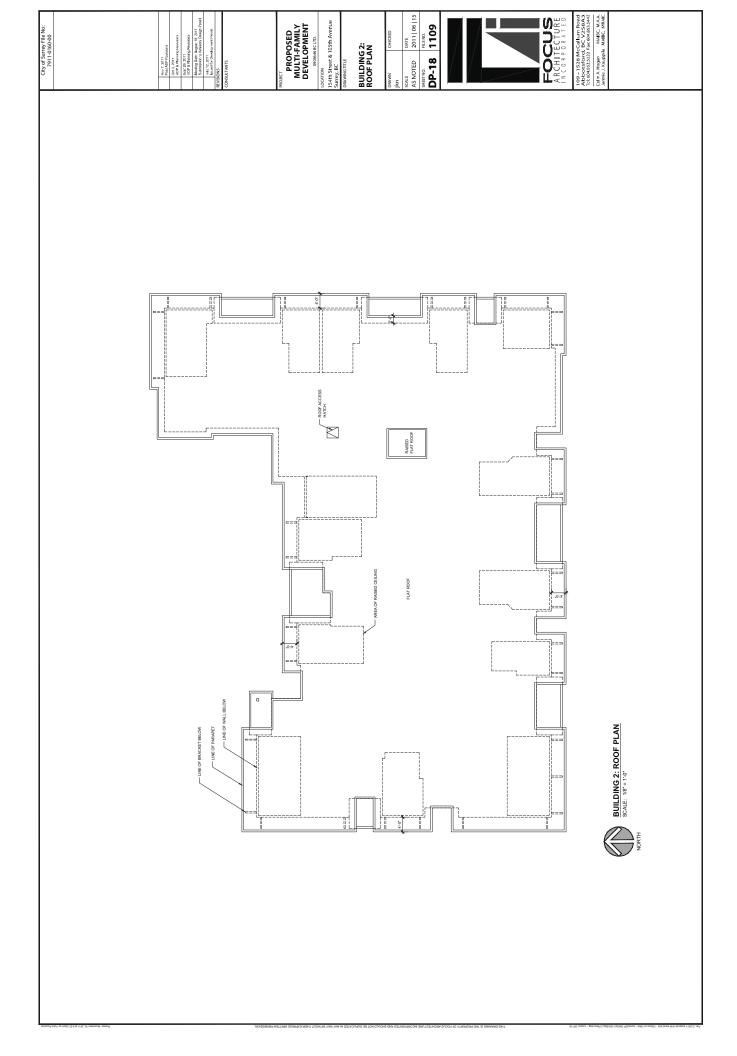


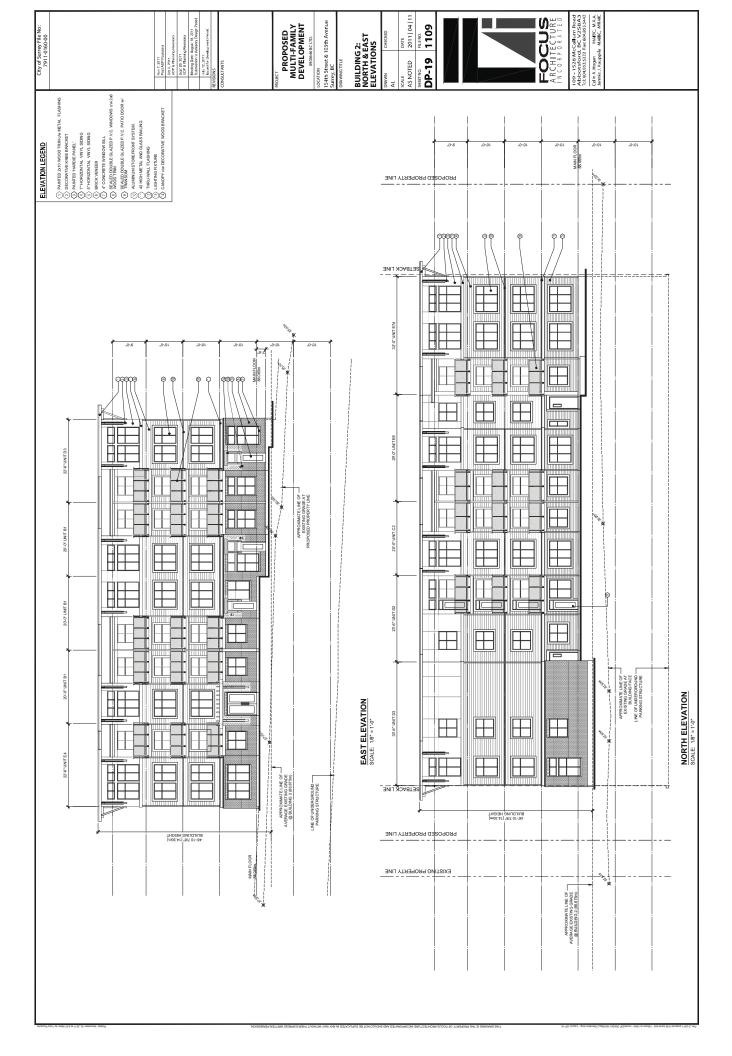




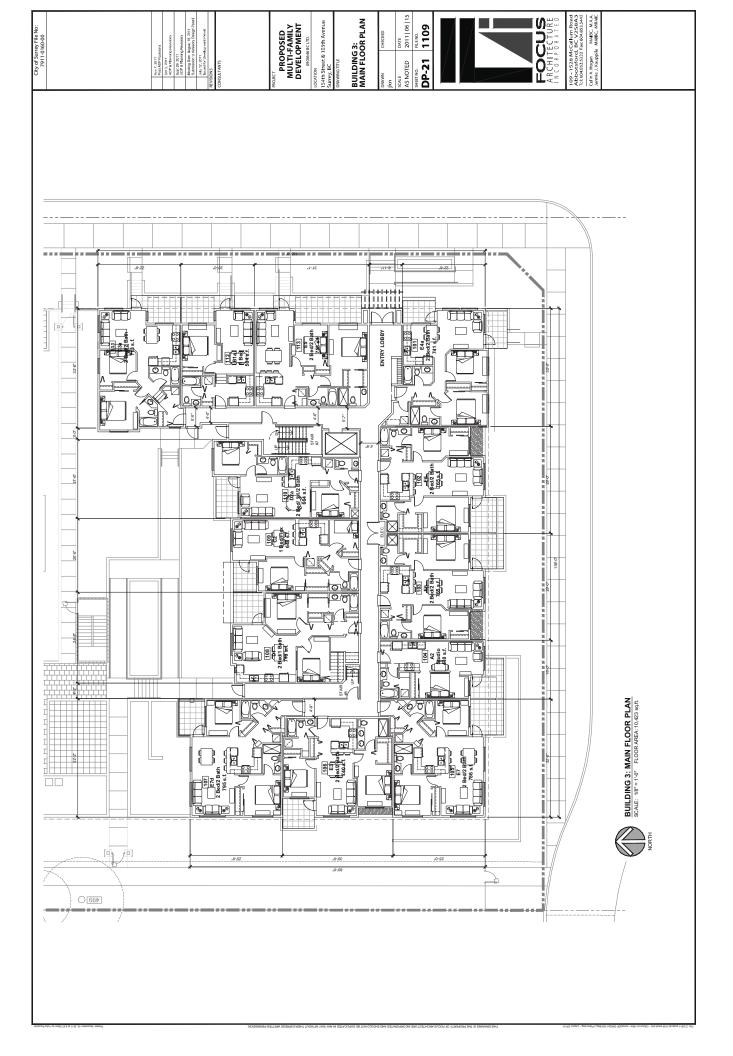


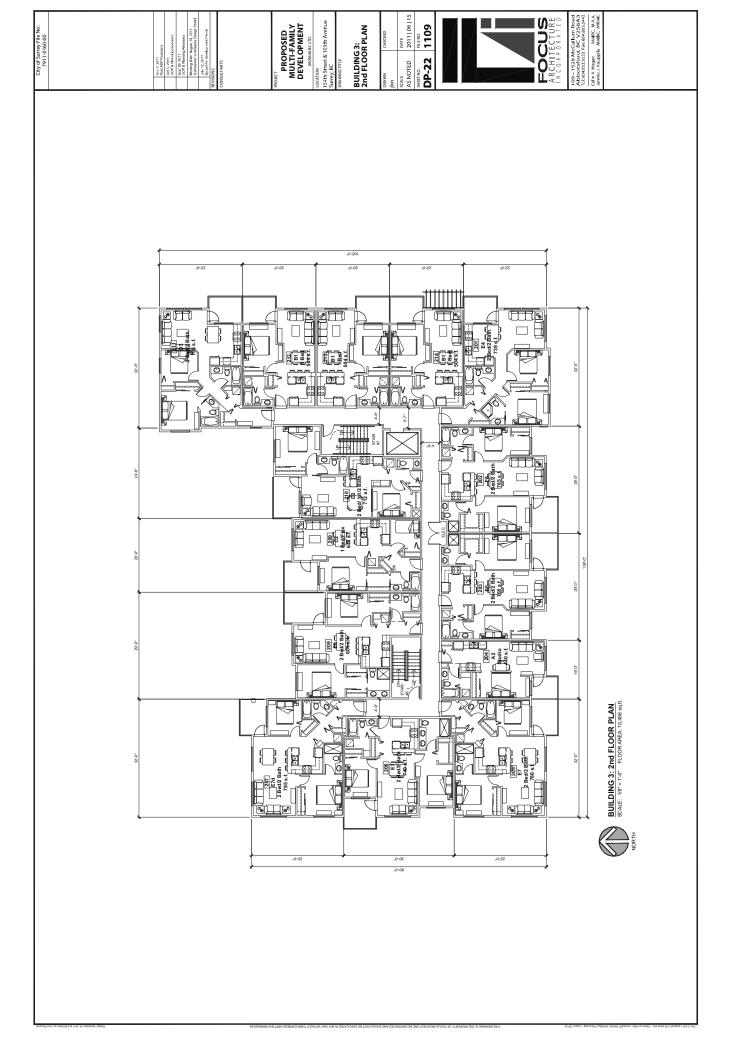


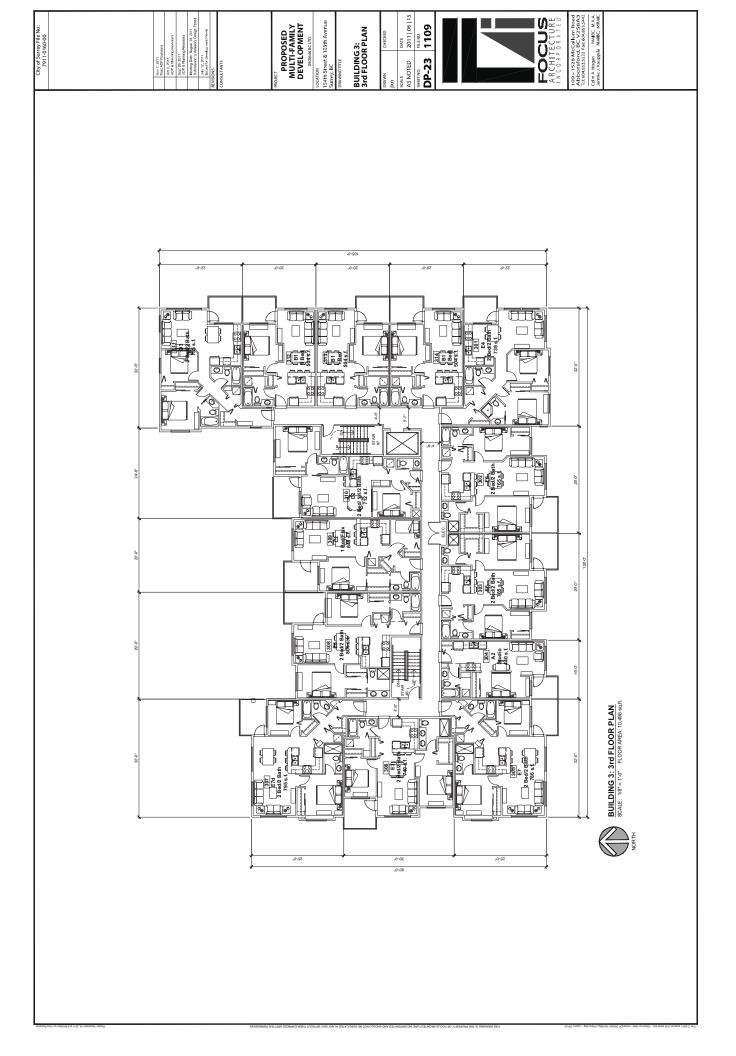


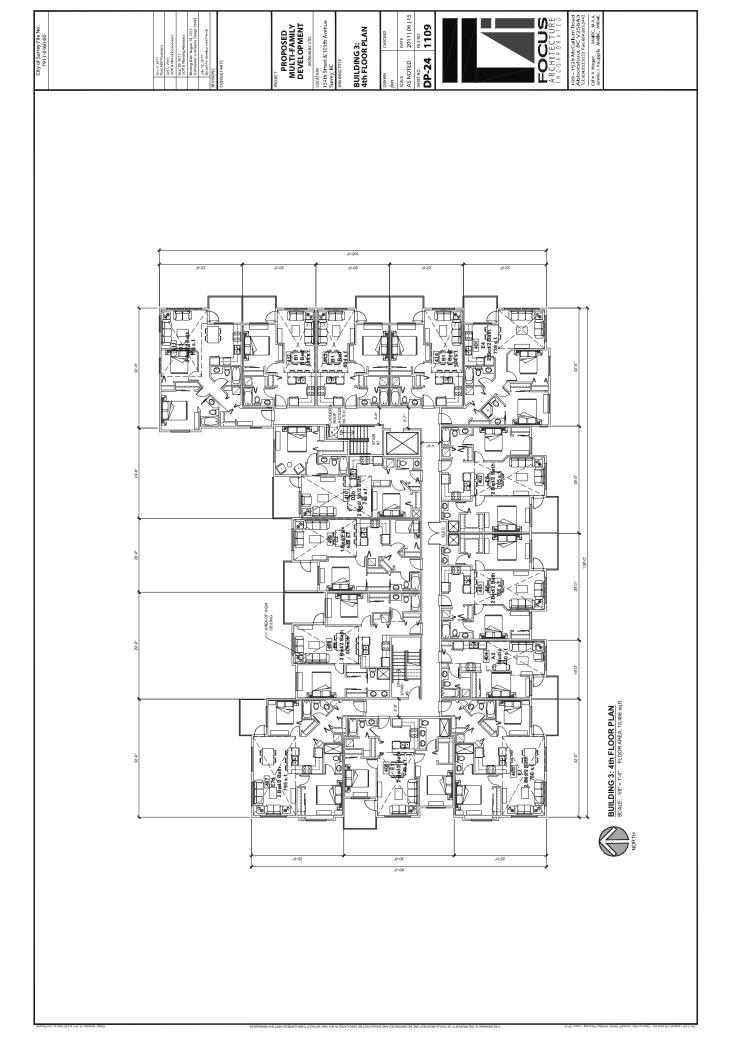


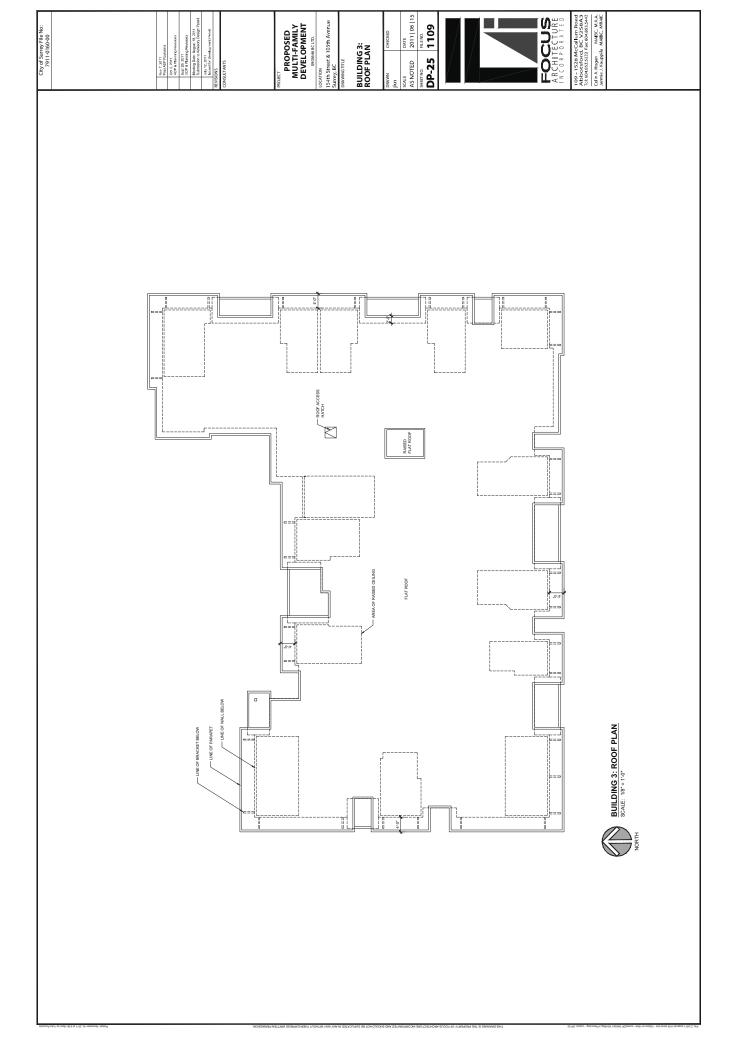


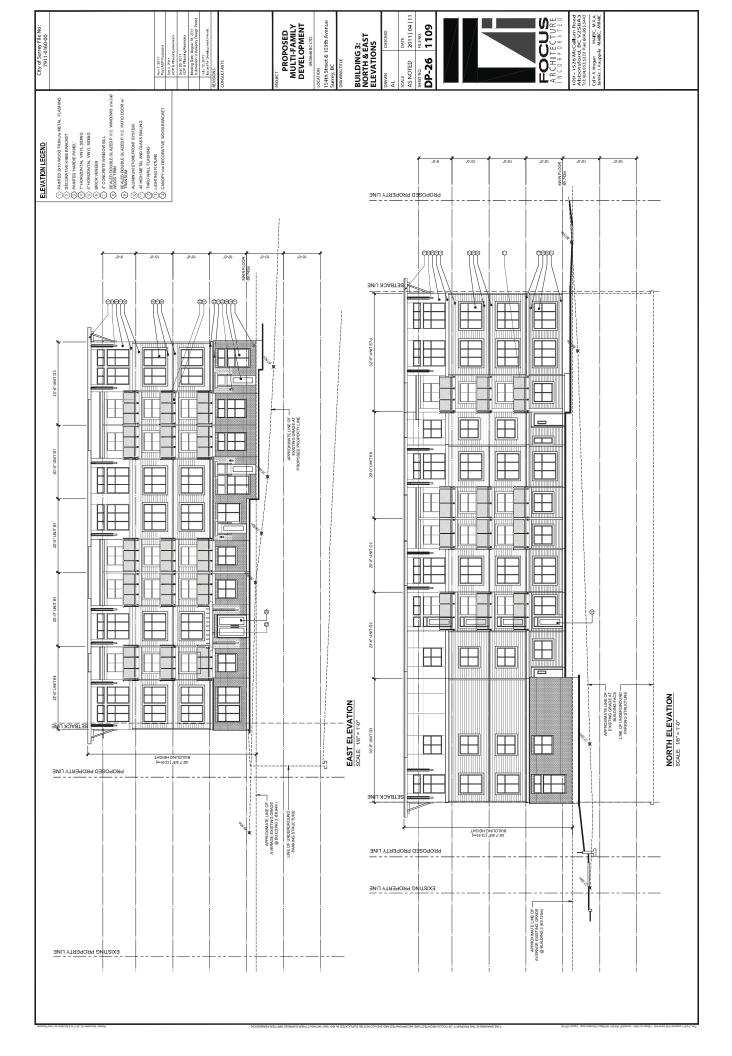








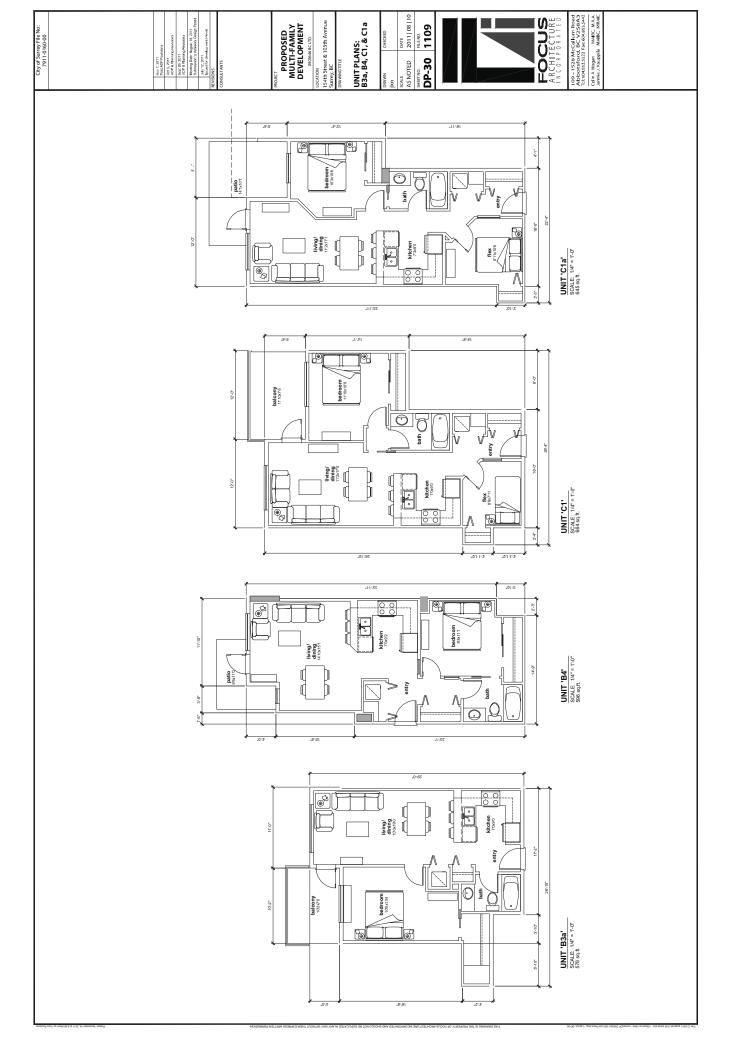




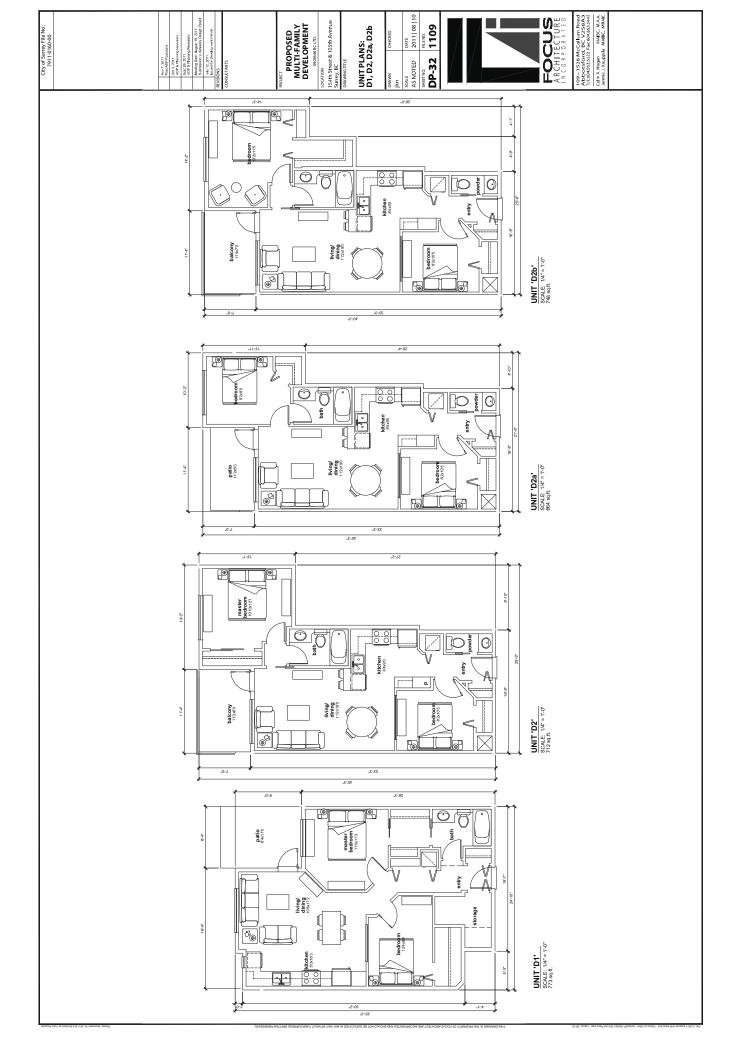


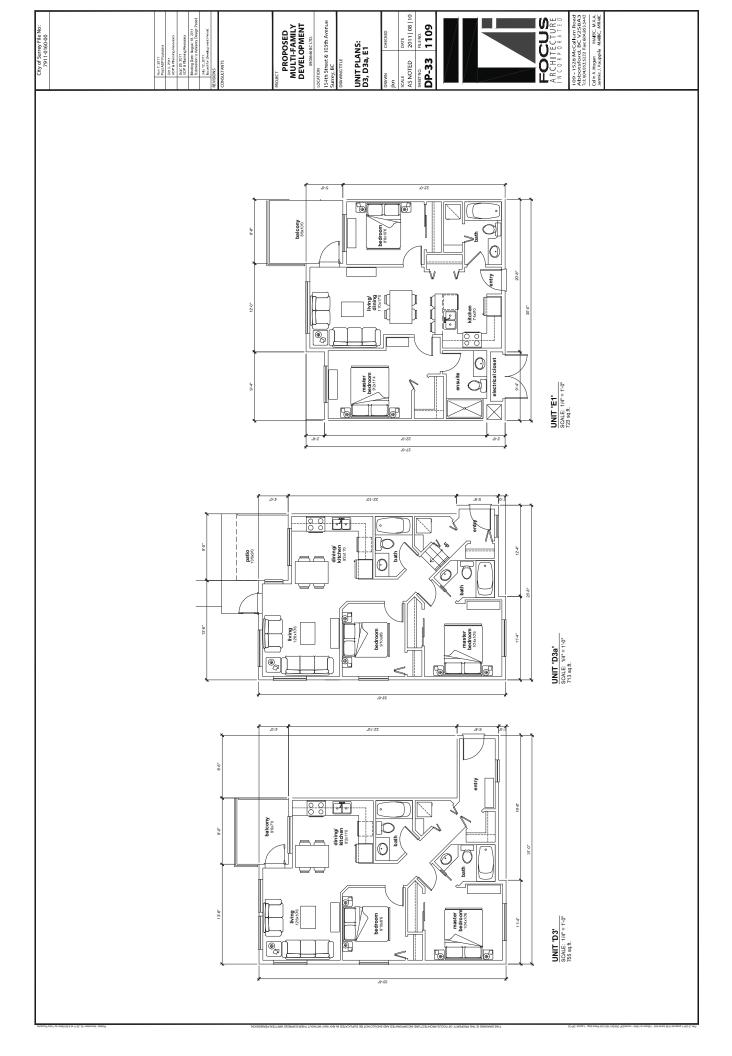


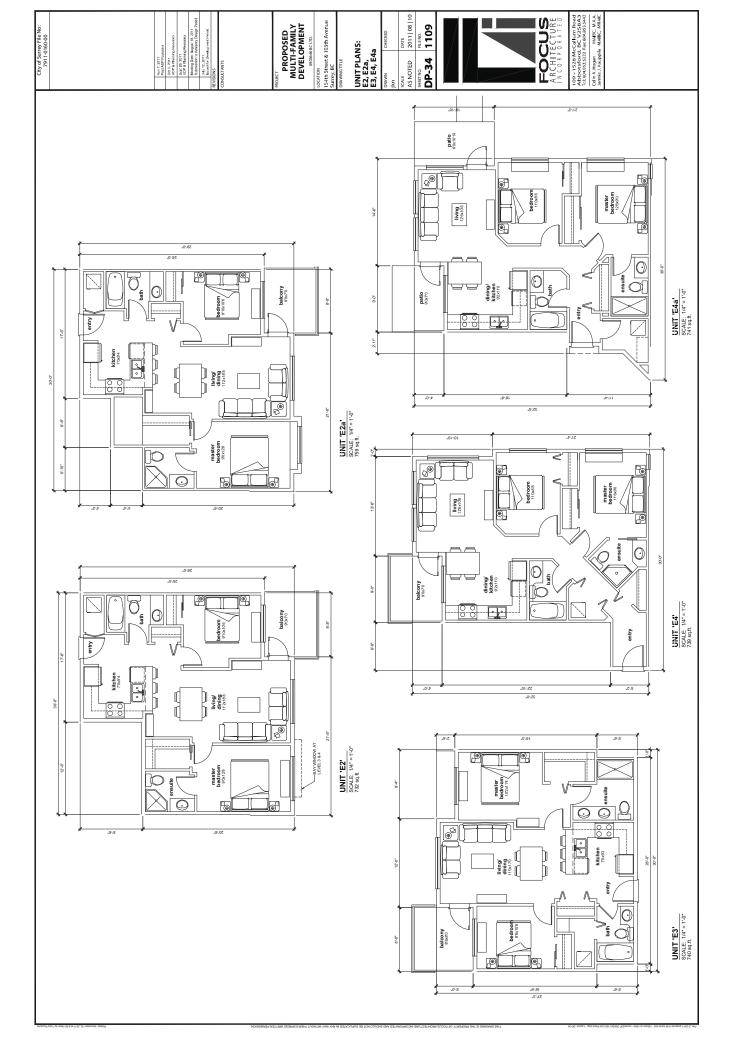


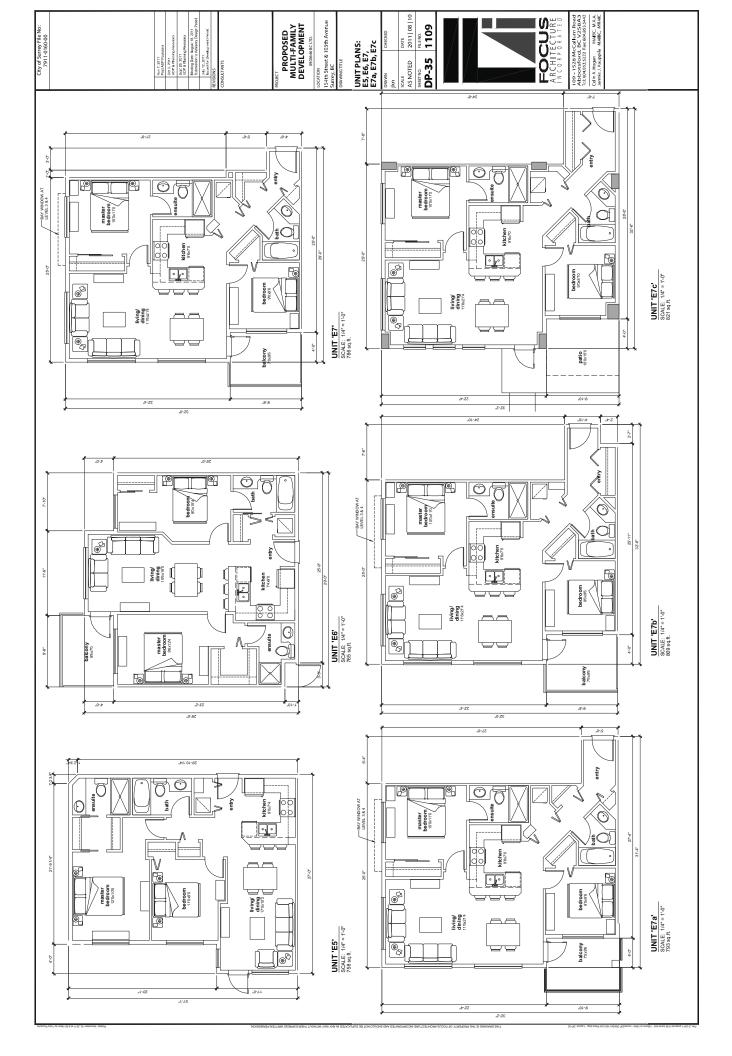


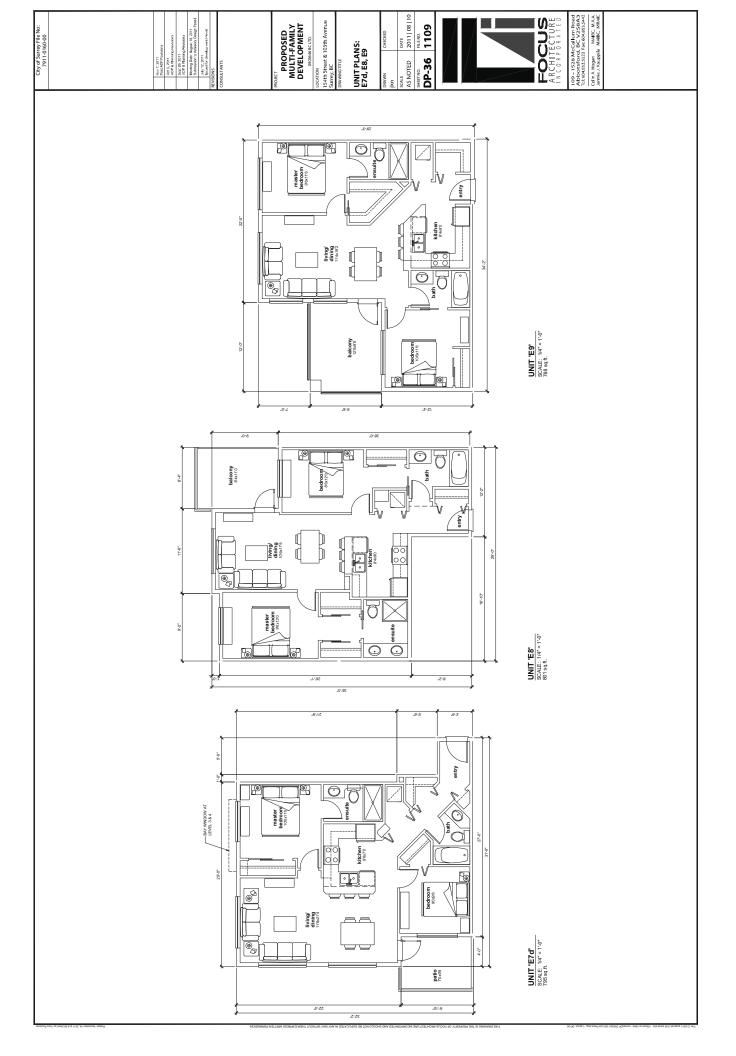


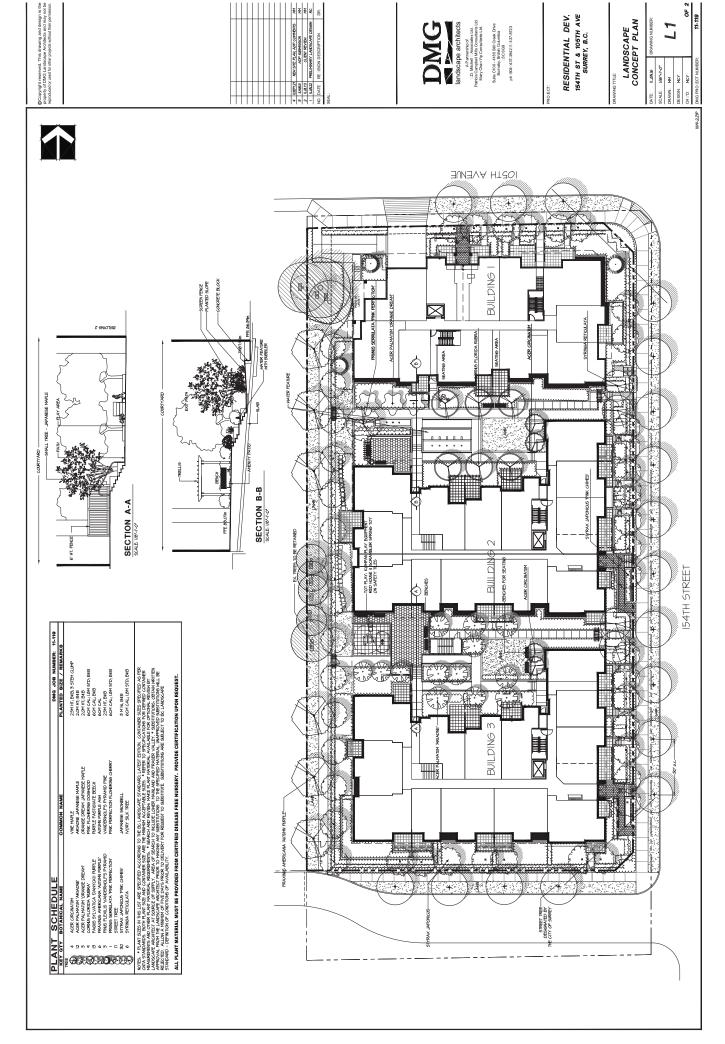












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PASER 1.5m SIDEWAL TREE LANDSCARE BINGS FOR MAT



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			Control of the Land Control of the C	NEW SITE PLAN, ACP COMMENTS	ALP SUPPOSION	PRELIMINARY LANDSCAPE DESIGN	RELISION DESCRIPTION		DMG
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PLANT	SCHEDULE	PARTIAL LIST	DMG JOB NUMBER: 11-11
KEY OTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
SHRIB			
(4	AZALEA JAPONICA PURPLE SPLENDOUR'	AZALEA, RED-VIOLET	#8 POT; 40CM
Œ.	BUAUS MICROPHYLLA WINTER GEM	LITTLE-LEAF BOX	#2 POT; 25CM
Œ	HAMAMELIS X INTERMEDIA 'DIANE'	RED MITCH HAZEL	#8 POT; BOCM
Œ	HYDRANGEA MACROPHYLLA FOREVER PINK	BIGLEAF HYDRANGEA	#3 POT, BOCM
Œ	ILEX CRENATA 'GREEN THIMB'	HOLLY, COMPACT	#3 POT; 50CM
Œ	KALMA LATFOLIA YEEPSAKE'	MOUNTAIN LAUREL; RASPBERRY	#3 POT; 50CM
Œ	NANDINA DOMESTICA FIREPOMER	DWARF HEAVENLY BAMBOO	#2 POT; 20CM
6	RHODODENDRON BLANEY'S BLUE'	RHODODENDRON, MISTY BLUE (4')	#3 POT; 50CM
(a	RHODODENDRON PLATINIM PEARL'	RHODODENDRON, PINK	#3 POT; 50CM
08	ROSA RUGOSA ' FRU DAGMAR HASTRUP'	RUGOSA ROSE; LOW PINK	#2 POT, 40CM
Qr	SARCOCOCCA HOOKERANA VAR. HIMILIS	HIMALAYAN SWEET BOX	#2 POT, 25CM
Œ	SKIMMIA JAPONICA (10% MALE)	JAPANESE SKIMMIA	#2 POT; 30CM
Œ	TAXIS X MEDIA NATFELDII"	HATFIELD YEN	LOM B4B
Œ	VIBURNUM DAVIDII	DAVID'S VIBURIUM	#3 POT; 50CM
GRAGS			
<b></b>	ARRIENATIERIM GERARDII	BIG BLUESTEM	#I POT
Œ	MOLINIA CAERUELA	PURPLE MOOR GRASS	#I POT
PERENNAL			
Œ	FUCHSIA MAGELLANICA "RICCARTONII"	FUSCHIA	#I POT
Œ	HELLEBORUS NIGER	CHRISTMAS ROSE	# POT
Q=	HEMEROCALLIS LITTLE MINE CUP	LITTLE WINE CUP DAYLLY; RED	#I POT; I-2 FAN
Q <del>4</del>	HEICHERA X HEICHERELLA BRIGHT BLOOM	FOAMY BELLS	# POT
Œ	HOSTA UNDULATA VARIEGATA 'ALBO-MARGINATA' WHITE VARIEGATED HOSTA	WHITE VARIEGATED HOSTA	#I POT; I EYE; HEAVY SHADE
Œ	TIARELLA CORDIFOLIA	FOAMFLOWER	#I POT
ĵ.	A LISA REPTANS 'ATROPIREDISFA'	CARPET BIGHE	ADOC: ICA
Ø:	ARCTOSTAPHYLOS IN ALIRSI MASSECAUSETTS	KINNKINNCK	# POT: 300M
<b>0</b> 6	BLECHNIM SPICANT	DEER FERN	# POT; 20CM
Œ	LONGERA PILEATA	PRIVET HONEYSUCKLE	#I POT; 25CM
Œ	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	#2 POT; 40CM
Œ	POLYSTICHUM SETIFERUM	ALASKAN FERN	#I POT; 25CM
NOTES. 8 DI ANT	STEA IN THIS LIST ARE SPECIFIED ACCORDING TO	NOTE: 9 PLANT GITES IN THIS LIST ARE GRECIEITO ACCREDING TO THE RC. LANSCARE STANDARD LATEST FORTION CONTAINER GITES GENCIEITED AS PRE-	MIAINER SIZES SPECIFIED AS PRE

M.F.E. = 8 G.F.E. = 8

**BUILDING 1** 

90.00

**DING 2 (§1 units)** M.F.E. = 88.065m

SHADE TOLERANT SHRUBS & PERBANALS. RHODDPBURGNE, FERNE, SARCOLOCCA ADJUGA, HOSTA, FUSHCIA, FOAM FLOMER

NO □3.5

TEM HEDGE FOR PRIVA

6' HT. WOOD SCREEN @ PATIO

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— PAVERS
— 12' MIDE CONCRETE BANDING
— 18' HT. SEAT WALL

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ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY. PROVIDE CERTIFICATION UPON REQUEST

landscape architects A Partnership of ID. Mitchell II Associates Lkd. Particia Campbell Milis Consultants L Mary Chan Yip Consultants Lkd.

Suite C100 - 4185 Still Creek Dr Burnaby, British Columbia 15C 6 G9 ph (804 1437-3942)[11437-872

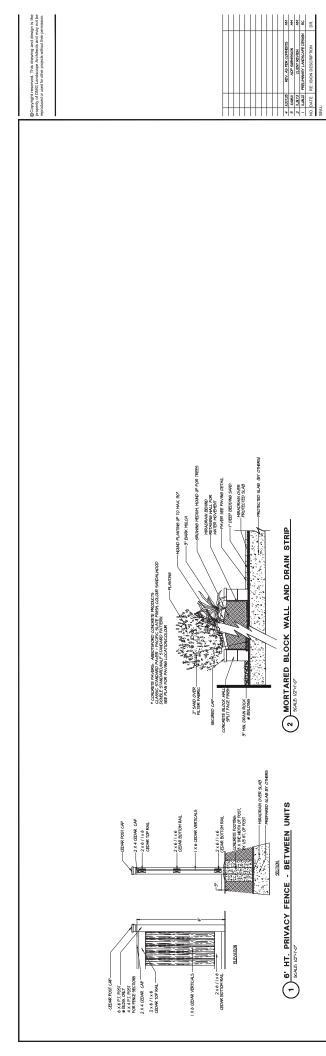
RESIDENTIAL DEV. 154TH ST & 105TH AVE SURREY, B.C.

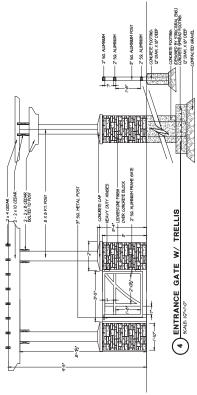
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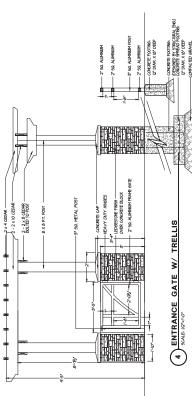


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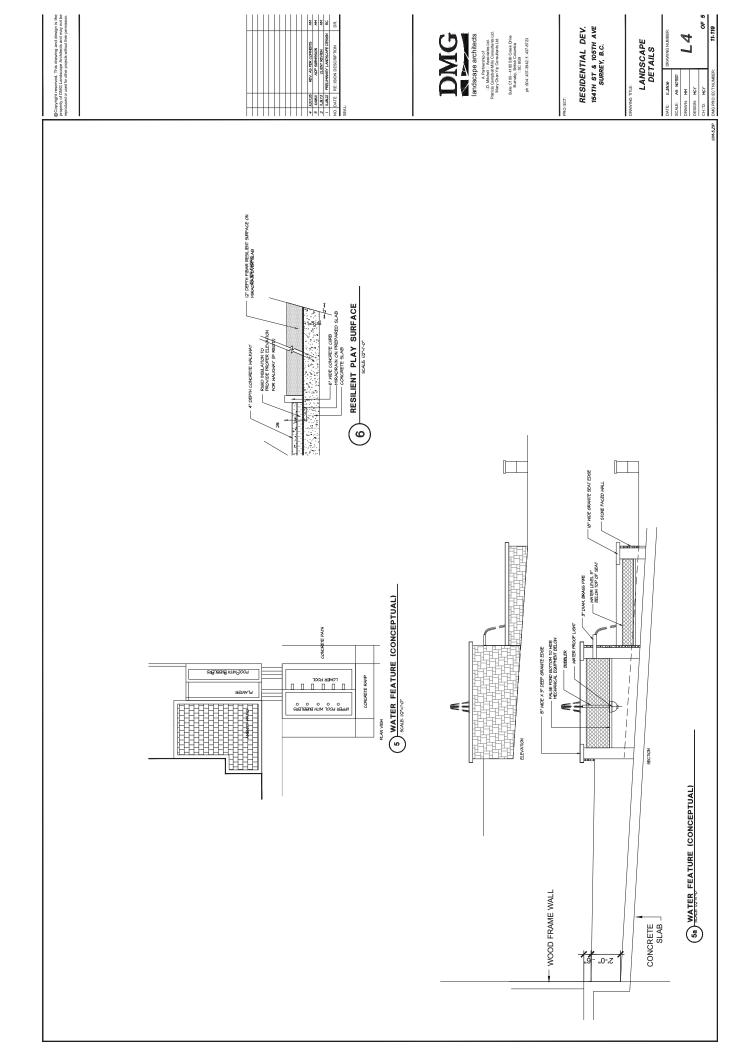
Suite C100 - 4185 SBI Creek Drive Burnaby, British Columbia 15C 6G9 ph 1604:1437-3942:II:1437-8723

RESIDENTIAL DEV. 154TH ST & 105TH AVE SURREY, B.C.

LANDSCAPE DETAILS

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# INTER-OFFICE MEMO

TO:

Manager, Area Planning & Development

- North Surrey Division

**Planning and Development Department** 

FROM:

**Development Project Engineer, Engineering Department** 

DATE:

November 24, 2011

Revised from November 22, 2011

PROJECT FILE:

7811-0160-00

RE:

**Engineering Requirements** 

Location: 10439/53/61/69/87 154 Street

#### **OCP AMENDMENT**

There are no engineering requirements relative to the OCP Amendment.

#### REZONE/CONSOLIDATION

# Property and Right-of-Way Requirements

- dedicate 1.942 metres along 105 Avenue for a 24.0-metre Collector road standard;
- dedicate 3.0 metres along 154 Street for a 30.0-metre Arterial road standard;
- dedicate as road bylaw road pcl's A, B, C, D & E plan 64954;
- dedicate 14.95 metres to 14.0-metres (varies) for proposed 104A Avenue;
- dedicate a 5.0 x 5.0-metre corner cut at the 105 Avenue & 154 Street intersection;
- dedicate a 3.0 x 3.0-metre corner cut at the 154 Street & 104A intersection;
- provide a 1.2-metre statutory right-of-way along 105 Avenue for Multi Use pathway;
- provide a 0.5-metre statutory right-of-way along 154 Street; and
- provide a 4.0-metre statutory right-of-way along the western property line.

#### **Works and Services**

- construct multi-use pathway and boulevard works along 105 Avenue;
- remove existing sidewalk along 105 Avenue;
- construct 104A Avenue to a half road standard; and
- construct drainage works along 104A Avenue.

A Servicing Agreement is required prior to Rezone/Consolidation.

#### **DEVELOPMENT PERMIT**

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

Bob Ambardar, P.Eng.

Data Coul

**Development Project Engineer** 

**SSA** 



Thursday, July 28, 2011 Planning

# THE IMPACT ON SCHOOLS

**APPLICATION #:** 7911-0160-00

#### **SUMMARY**

The proposed 155 lowrise units are estimated to have the following impact on the following schools:

#### **Projected # of students for this development:**

Elementary Students:	8
Secondary Students:	5

#### September 2010 Enrolment/School Capacity

#### **Harold Bishop Elementary**

Enrolment (K/1-7): 56 K + 409 Capacity (K/1-7): 40 K + 525

#### Johnston Heights Secondary

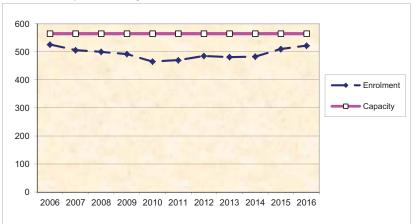
Enrolment (8-12): 1492 Nominal Capacity (8-12): 1450 Functional Capacity\*(8-12); 1566

#### School Enrolment Projections and Planning Update:

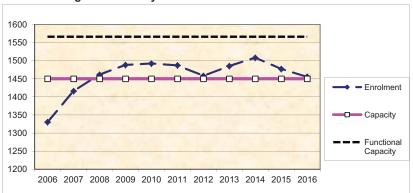
The following tables illustrate the enrolment projections (with current/approved ministry capacity) for the elementary and secondary schools serving the proposed development.

New housing would help fill surplus capacity at Harold Bishop Elementary and at Johnston Heights Secondary. There are no new capital projects proposed at the elementary school and no new capital projects identified for the secondary school.

#### **Harold Bishop Elementary**



#### **Johnston Heights Secondary**



\*Functional Capacity at secondary schools is based on space utilization estimate of 27 students per instructional space. The number of instructional spaces is estimated by dividing nominal facility capacity (Ministry capacity) by 25.

# MIKE FADUM AND ASSOCIATES LTD. VEGETATION CONSULTANTS

#### SURREY TREE PRESERVATION SUMMARY

Surrey Project No: 11-0160-00

Project Location: 104 53 / 61 / 69 / 87 - 154 Street, Surrey, BC

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

The tree resource across the majority of the site consists of native coniferous tree species, primarily western redcedar and western hemlock. The conifers are of a mature age class and are generally found in small stands with large canopy gaps between stands and around the existing homes. The western redcedar are generally of moderate to good structure and health, although a number display significant defects as a result of past stem failure or topping.

# 2. Summary of Proposed Tree Removal and Replacement

Number of Protected Trees identified	(A) 81
Number of Protected Trees declared hazardous due to	
natural causes	(B) 0
Number of Protected Trees to be removed	(C) 73
Number of Protected Trees to be retained (A-C)	(D) 8
Number of Replacement Trees required	
(2 alder and cottonwood X 1 and 71 others X 2)	(E) 144
Number of Replacement Trees proposed	(F) 87
Number of Replacement Trees in deficit (E-F)	(G) 57
Total number of Prot. and Rep. Trees on site (D+F)	(H) 95
Number of lots proposed in the project	(I) NA
Average number of Trees per Lot (H/I)	(J) NA

#### 3. Tree Survey and Preservation/Replacement Plan

Tree Survey and Preservation Plan is attached. The Replacement Plan will be prepared and submitted by others.

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

Date: November 21, 2011







# Advisory Design Panel Minutes

Parks Boardroom APPENDIX VIII

City Hall

14245 - 56 Avenue

Surrey, B.C.

THURSDAY, AUGUST 18, 2011

Time: 4:00 p.m.

**Chair:** 

L. Mickelson

**Panel Members:** 

CPL M. Searle K. Newbert N. Baldwin N. Couttie R. Myers T. Ankenman W. Francl **Guests:** 

C. Hogan, Focus Architecture Inc.

M. Chan Yip, DMG Landscape Architects

D. Bird, Owner

J. Liu, JHL Design Group

J. Minton, JM Architecture

R. Green, DGBK Architects K. McKillop, Durante Kreuk Ltd.

F. Fisch, Durante Kreuk Ltd.

W. Zaitsoff, PCL Construction

S. McGhee, SSBC

J. Purewall, Aplin & Martin

M. Koka, Aplin & Martin

J. Minhas, Partner

J. S. Sran, Partner

**Staff Present:** 

T. Ainscough, Planning & Development

H. Bello, Planning & Development

M. B. Rondeau, Planning & Development

T. Mueller, Legislative Services

#### B. SUBMISSIONS

1. File No.: 7911-0160-00

New or Resubmit: New

Description: 3 four to five-storey buildings, proposed 155 unit

multiple family residential development.

Address: 10439, 10453, 10461, 1046 and 10487-154 Street,

Guildford Town Centre

Developer: David Bird

Architect: Colin Hogan of Focus Architecture Inc.

Landscape Architect: Mary Chan Yip of DMG Landscape Architects

Planner: Pat Lau

Urban Design Planner: Mary Beth Rondeau

The Urban Design Planner presented an overview of the proposed project and highlighted the following:

- There is no NCP for Guildford; there are not a lot of design guidelines for this
- Achieving the finer grade road network is a priority. It is important to get 104A
   Avenue road dedication but it has reduced the length of the site making the
   courtyards between the buildings narrower.
- There is a 4 metre right of way along the west property line for a future road.
- 104 Ave is targeted for light-rail and a parking reduction for this site is supported.
- A 1.2m right of way is necessary along 105 to achieve a greenway / bikeway . A grouping of existing trees would be lost to achieve this.

The Project Architect presented an overview of the site plan, building plans, elevations, cross sections, and streetscapes and he highlighted the following:

- There is a significant amount of slope on the site to deal with from the SW corner to the NE corner (about 9 metres) which dictated how the courtyards come together to absorb the slopes between the buildings.
- It is important to note affordability is key, smaller suite sizes are a necessity.
- There is a 5 storey exposure on building 1.
- There are a series of ground oriented units that have individual walkways to the streets; have tried to express those units across the grade level to emphasize their connections to the street.
- There is a mixture of building materials; vinyl siding, hardie panel material, over scaled timber brackets at the roof levels.
- It is a two-level parkade structure on the north side of the site with a ramp down to the P2 level.
- There is a sizeable indoor amenity space dedicated to children / children's play area and the adult area faces toward the north with a games room. Whether in the south building or north building there is an accessible connection between both buildings.
- The developer proposes to lower the road in the existing adjacent lane to improve the units that are below grade at this location.

The Landscape Architect reviewed the landscape plans and highlighted the following:

- The streetscape along 154 and 105 is design to reflect a pedestrian friendly environment. Terraced patios along the frontages allowing access from the street level. Allows for eyes on the street and interaction with the street level itself. Each unit has a semi-private patio with landscaping. There is a screen between units to provide privacy.
- Within the two internal courtyards, the south has a children's play area with an observation area. Internally there is a green garden space with a more active children's amenity.
- There is a small water feature to allow for white noise and a green open village space in the centre lined with trees to provide further separation for the various patio areas. Trees are smaller scale in the courtyards.
- From the north to the south end to the site and internally there are grade transitions. The grade was worked to make it accessible.
- For existing trees, a group of cedars will be retained to provide a buffer and a planting of deciduous trees will provide a canopy.
- The palette of plant material reinforces the garden type concept with a variety of trees, deciduous scrubs, and pavers to provide interest and texture.

# ADVISORY DESIGN PANEL STATEMENT OF REVIEW 10439, 10453, 10461, 1046 and 10487-154 Street, Guildford Town Centre File No. 7911-0160-00

It was Moved by T. Ankenman

Seconded by K. Newbert

That the Advisory Design Panel (ADP)

recommends that the applicant address the following issues to the satisfaction of the Planning & Development Department and, at the discretion of planning staff, resubmit the project to the ADP for review.

Carried

#### STATEMENT OF REVIEW COMMENTS

#### Form and Character

- Supportive of this type of urban housing in Surrey.
- Like the massing and courtyards and applaud the linking of the buildings.
- One unit is 3.5 feet below grade. Support any move to lower the adjacent lane
  on the south side of the site. Take care in designing patio / street transition of
  below grade units. Several bedrooms look across at 'blank' walls. Explore
  opportunities to provide corner views out.

The applicant's architect has regraded the lane, reducing the elevation by 0.6 metre (2 feet) at the southwest corner. As per the Urban Design comments, the connection of the street to the "below grade" units has been eliminated. Corner windows have been added to narrow courtyards to improve the view from the bedrooms.

• The proportions of the tripartite building elevations may be improved by going to a bipartite design with a 2 storey base using higher quality materials and a 2 storey top. Alternatively, explore a base/middle/top expression with a single storey base which reflects more accurately the single storey units and follows more classical proportions.

The architect has changed the materials to reflect a 1/2/1 organization with brick at the base of all street facing elevations.

 Concerned about darker vinyl finishes, particularly the use of 'reds' and the durability of the materials and how they will weather. The materials detract from the massing and composition.

The red vinyl siding has been eliminated and replaced with Taupe brick. Darker vinyl siding has been replaced with lighter colours.

 Would like to see the palette and the materials looked at again. Suggest one or two more consistent materials used with more rigour. The current application of brick is spotty and haphazard; another layer of thought is needed.

This has been reviewed by the architect and changes have been made to the proposed colour scheme.

• Should explore fibre cement panelling on the street side.

Brick has been added at the main floor level.

• Like the fact that the ceiling was lifted in the living spaces, regrettable there are dead level roof surfaces, which draw a hard line. The roof lines are important and the caps should be celebrated and breakup the roof line.

The roofline does move up and down at the building edge. This shows most clearly on the street level perspective views. The roofs covering the balconies are 0.9 metre(3 feet) lower than the roofs at the raised living room ceilings.

• Drawing 12 has a two-door entry, on the plan DPo6 it is just a corridor. That bedroom will be uninhabitable.

The lobby design has been revised and the bed alcove in the studio units will be provided with additional soundproofing at the lobby wall.

• Support the internal bedroom as long as they are in a low proportion of units.

The comment has been acknowledged by the architect.

• Should confirm the garbage and recycling room sizes given new Metro Vancouver guidelines.

The garbage room has been expanded as per the Metro Vancouver guid'elines.

#### Landscaping

- Landscape is well developed and incorporated for the site.
- The two courtyards are a bit of concern because they are shady. To make them widely used you need to attract people to them. Suggest benches and some small tables to create socialization opportunities.

Benches have been reorganized to create more of a social atmosphere. Hard surface area has been reorganized to allow incorporation of tables and chairs for social interaction.

• Trees are important to create privacy in courtyards; use deciduous trees to allow light.

Courtyard trees are smaller scale Japanese maples and Dogwoods. These trees are pedestrian scale, tolerate shade and deciduous to allow light.

• Suggestion to covenant maintenance standards for landscape on private land.

Maintenance standards equivalent to Level 2 Groomed as per the BC Landscape Standards will be provided to the strata, once formed.

Consider maintenance issues on centre road medians.

The architect feels that the comment is misplaced. There are no centre medians near the subject site.

 Consider site furnishing standards for pedestrian paths, street lights and benches.

Benches for long term resting have been provided in the outdoor amenity area. Planters wide enough for seating have been incorporated along pathways for resting. Street lights will be designed by an Electrical Engineer.

• Outdoor amenity areas need to be carefully designed to ensure a range of opportunities for users to have social interaction / privacy opportunities, etc. Playground is minimal and appeals to tots only.

The south courtyard (Phase II) is designed with tot play equipment and a larger plaza for social interaction for adults or active play for young school age kids for skipping, square ball, etc. The north courtyard is designed with a hard surface area for social interaction and a village green lawn area for kids to play.

#### **CPTED**

- Low fence elements are successful with CPTED issues.
- The exits from the garage to the NW corner are problematic for people exiting and getting into the back stairs. Suggest a gate or signage to keep people away.

The northwest stair has been revised to minimize the exterior steps below grade.

• Stronger demarcation to clearly mark the amenity space as private by gating the amenity spaces.

The architect has indicated that this is a contradiction to the direction provided by the Urban Designer, whereby the amenity spaces should be left open to the residents of the development.

#### Accessibility

• 8 units (5%) should be made wheelchair friendly, i.e., washrooms, pocket doors.

Four B2 units in proposed Building 1 have been revised to meet the City of Vancouver adaptable unit standards. In previous projects, the developer has sold a block of units to a non-profit organization that provides rental housing to

disabled persons. The developer is pursuing the same strategy with this proposed project.

Ensure the amenity building washroom building is accessible.

The architect has confirmed that the washroom is accessible.

• The slope of 9 metres is a concern; the walkways should be wheelchair accessible.

The walkways have been designed to be accessible.

• Ensure main entrances have power doors with intercoms.

The architect has confirmed that the main entrances have power doors with intercoms. A notation will be added to the plans.

 Call button panels at entrances should be placed on side to allow wheelchair accessibility. Elevator buttons should be placed horizontally at wheelchair height.

The architect has agreed to this and a notation will be added to the drawings.

• Attention should be given to wheelchair parking spot placement.

Disabled parking has been located to be adjacent lobbies. The City architect has requested that a power door opener be added to the elevator at the lobby. A notation will be added to the plans.

 Amenity building should be wheelchair accessible and N/S slope on site should be graded to allow wheelchair access.

The walkways are designed to be accessible.

#### Sustainability

The sustainability measures are disappointing and will meet only the
minimum required by the Building Code. Stormwater management, reducing
heat island effect, water conservation, energy conservation such as hot water
heating and indoor air quality were not given consideration.

A list of sustainability targets was provided by the developer.

• Consider more sustainable building materials.

A list of sustainability targets was provided by the developer.

• Recommend a third party sustainability program.

The developer is using the Built Green guidelines for the proposed development.

# The Developer made the following comments:

- The colour and use of vinyl siding can be reconsidered. Will revisit green options and sustainability measures and will incorporate Built Green.
- Secondary roofs over the balconies help with the articulation.

#### **CITY OF SURREY**

BY-L	AW NO.	

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 <u>Local Government Act</u>, 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:

SINGLE FAMILY RESIDENTIAL ZONE (RF)

TO:

COMPREHENSIVE DEVELOPMENT ZONE (CD)

Parcel Identifier: 009-603-905

Lot 4 Except: Parcel "A" (Bylaw Plan 64954); Section 21 Block 5 North Range 1 West New Westminster District Plan 11839

10487 - 154 Street

Parcel Identifier: 010-270-906

Lot 5 Except: Parcel "E" (Bylaw Plan 64954), Section 21 Block 5 North Range 1 West New Westminster District Plan 17008

10439 - 154 Street

Parcel Identifier: 004-455-797

Lot 6 Except: Parcel "D" (Bylaw Plan 64954), Section 21 Block 5 North Range 1 West New Westminster District Plan 17008

10453 - 154 Street

Parcel Identifier: 012-028-088 Lot A Section 21 Block 5 North Range 1 West New Westminster District Plan 78847

10461 - 154 Street

Parcel Identifier: 012-028-096. Lot B Section 21 Block 5 North Range 1 West New Westminster District Plan 78847

10469 - 154 Street

(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 medium *density, multiple unit residential buildings* and *ground-oriented multiple unit residential buildings* and related *amenity spaces*, 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. *Child care centres*, provided that such centres:
  - (a) Do not constitute a singular use on the *lot*; and
  - (b) Do not exceed a total area of 3.0 square metres [32 sq.ft.] per dwelling unit.

#### C. Lot Area

Not applicable to this Zone.

#### D. Density

- 1. The *floor area ratio* shall not exceed 1.9.
- 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 50%.

#### F. Yards and Setbacks

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

Setback	North <i>Yard</i> (105 Avenue)	South <i>Yard</i> (104A Avenue)	West Yard	East <i>Yard</i> (154 Street)
Use				
Principal and Accessory	4.5 m	4.5 m	7.5 m	4.5 m
Buildings and Structures	[15 ft.]	[15 ft.]	[25 ft.]	[15 ft.]

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

- 2. Notwithstanding Section F.1, the roof canopy and columns may encroach within the north *yard setback*.
- 3. Notwithstanding Section F.1, the roof canopy may encroach into the south *yard setback*.
- 4. Notwithstanding Section F.1, the roof canopy may encroach into the west yard setback.
- 5. Notwithstanding Section F.1, the roof canopy and stairs may encroach within the east *yard setback*.

#### G. Height of Buildings

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

- 1. <u>Principal buildings</u>: The building height shall not exceed 50 metres [164 feet].
- 2. <u>Accessory buildings and structures</u>: The building height shall not exceed 4.5 metres [15 feet].

#### H. Off-Street Parking

- Notwithstanding the minimum parking requirements in Table C.6 of Part 5
   Off-Street Parking and Loading/Unloading of Surrey Zoning By-law, 1993,
   No. 12000, as amended, a minimum of 177 residential parking spaces and 25
   visitor parking spaces shall be provided.
- 2. All required *parking spaces* shall be provided as *underground parking* or as *parking within building envelope*.

### 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*.

#### K. Subdivision

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

Lot Size	Lot Width	Lot Depth
5,800 sq. m.	49 metres	100 metres
[1.4 acre]	[161 ft.]	[328 ft.]

Dimensions shall be measured in accordance with Section E.21 of Part 4 General Provisions of 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 RM-70 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 and Loading/Unloading 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, 2011, No. 17330, as may be amended or replaced from time to time, and the development cost charges shall be based on the RM-70 Zone.
- 9. Tree regulations are set out in 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.	Care and Assisted	d Living.	<u>Act</u> R.S.B.C. 200	s regulated by the 2. c. 75, as amend vithout limitation	ed, and the
3.	This By-law sh Amendment E	nall be cited for all By-law, , No.		s as "Surrey Zon	ing By-law, 1993, I	No. 12000,
READ .	a first and s	SECOND TIME on	the	th day of	, 20 .	
PUBLIC	C HEARING HI	ELD thereon on th	ie	th day of	, 20 .	
READ A	A THIRD TIME	ON THE	th day	of	, 20 .	
	NSIDERED ANI ate Seal on the	D FINALLY ADOP th day of		ned by the Mayo	or and Clerk, and	sealed with the
						MAYOR
			***************************************			CLERK