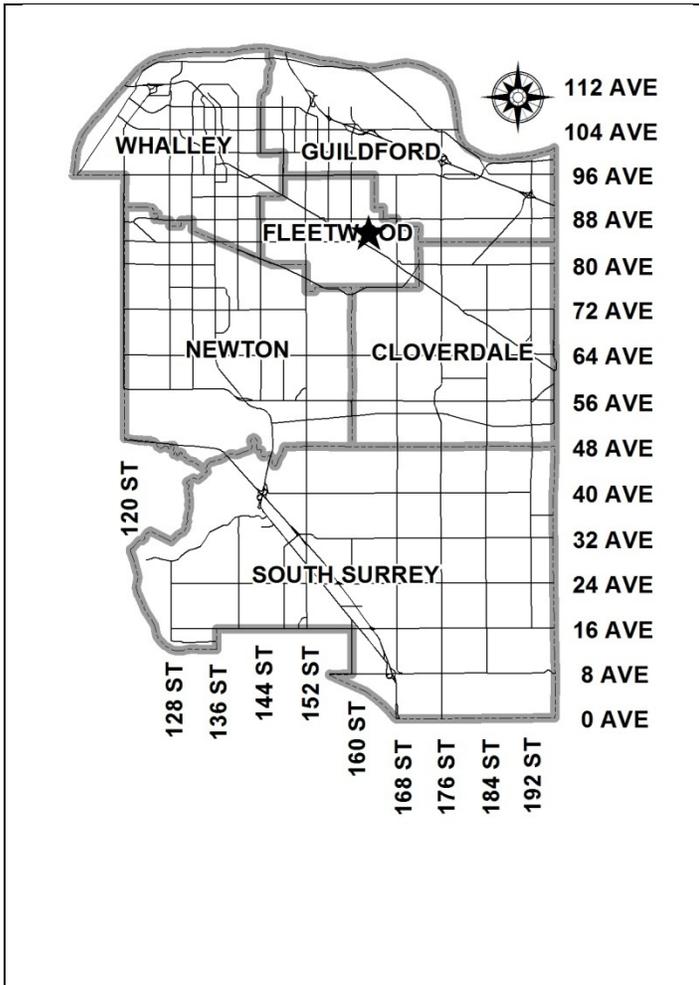


City of Surrey
PLANNING & DEVELOPMENT REPORT

File: 7911-0079-00

Planning Report Date: July 11, 2011

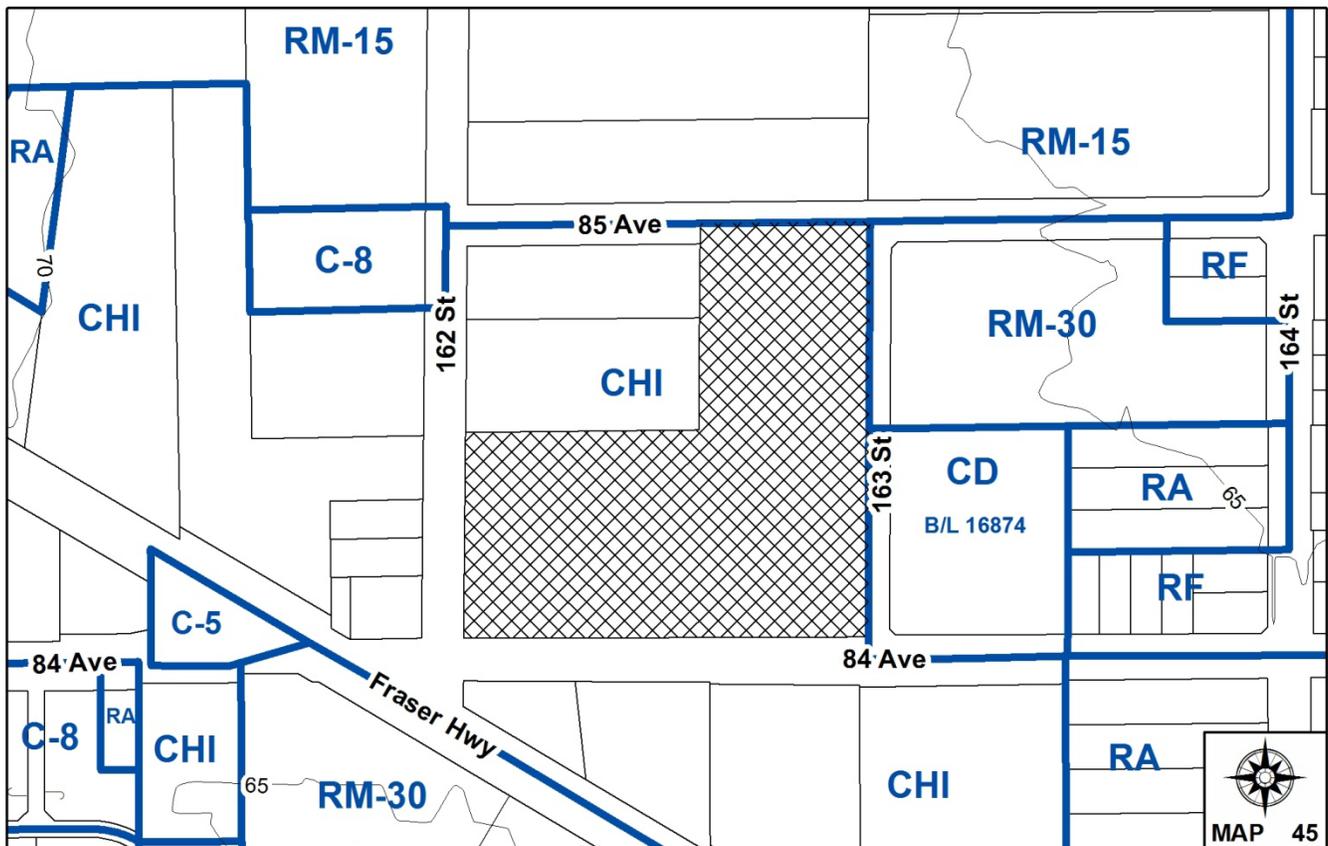


PROPOSAL:

- **OCP Amendment** from Commercial and Industrial to Multiple Residential
- **NCP Amendment** from Highway Commercial to Medium Density Townhouses
- **Rezoning** from CHI to RM-30
- **Development Permit**
- **Development Variance Permit**

in order to permit the development of approximately 166 townhouse units.

LOCATION: 16241 - 84 Avenue
OWNER: Anthem Fleetwood 3 Developments Ltd.
ZONING: CHI
OCP DESIGNATIONS: Commercial and Industrial
NCP DESIGNATION: Highway Commercial



RECOMMENDATION SUMMARY

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

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

- The proposal requires an OCP amendment from Commercial and Industrial to Multiple Residential.
- The proposal requires an amendment to the Fleetwood Town Centre Plan from Highway Commercial to Medium Density Townhouses.
- The proposed development requires relaxation of the setbacks of the RM-30 Zone.

RATIONALE OF RECOMMENDATION

- The proposed land use, density and building form are appropriate for this part of Fleetwood.
- The proposal will replace an existing non-conforming truck park currently operating on the site.
- Proposed setbacks achieve a more urban, pedestrian streetscape in compliance with the Fleetwood Town Centre Plan.
- Although the proposal will eliminate 2.38 hectares (5.89 acres) of serviced “business” use land from the Fleetwood Town Centre, the proposed townhouse use is more compatible with surrounding residential development. Industrial uses, in particular, at this location, could result in undesirable conflicts with neighbouring uses.
- The Employment Lands Strategy, approved by Council on November 24, 2008 (Corporate Report No. Co13) acknowledged that the Fleetwood Centre Land Use Plan should be amended to provide higher density mixed-uses along Fraser Highway, in anticipation of rapid transit extension along this corridor.

RECOMMENDATION

The Planning & Development Department recommends that:

1. a By-law be introduced to amend the OCP by redesignating the subject site from Commercial and Industrial to Multiple Residential and a date for Public Hearing be set.
2. Council determine the opportunities for consultation with persons, organizations and authorities that are considered to be affected by the proposed amendment to the Official Community Plan, as described in the Report, to be appropriate to meet the requirement of Section 879 of the Local Government Act.
3. a By-law be introduced to rezone the subject site from Highway Commercial Industrial Zone (CHI) (By-law No. 12000) to Multiple Residential 30 Zone (RM-30) (By-law No. 12000) and a date be set for Public Hearing.
4. Council approve the applicant's request to reduce the amount of required indoor amenity space from 498 square metres (5,360 square feet) to 232 square metres (2,497 square feet).
5. Council authorize staff to draft Development Permit No. 7911-0079-00 generally in accordance with the attached drawings (Appendix II).
6. Council approve Development Variance Permit No. 7911-0079-00 (Appendix VIII) varying the following, to proceed to Public Notification:
 - (a) to reduce the minimum north front yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 85 Avenue;
 - (b) to reduce the minimum north side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street);
 - (c) to reduce the minimum south rear yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 84 Avenue;
 - (d) to reduce the minimum east side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 163 Street;
 - (e) to reduce the minimum west side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street);
 - (f) to reduce the minimum west side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 162 Street; and
 - (g) to vary the tandem parking requirements in the RM-30 Zone to allow one (1) tandem parking space to be unenclosed for 64 proposed units.

-
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 finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
 - (c) submission of a landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
 - (d) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
 - (e) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;
 - (f) provision of community benefit to satisfy the OCP Amendment policy for Type 2 OCP Amendment applications;
 - (g) registration of a Section 219 Restrictive Covenant to specifically identify the allowable tandem parking arrangement and to prohibit the conversion of the tandem parking spaces into livable space;
 - (h) 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;
 - (i) the applicant adequately address the impact of reduced indoor amenity space;
 - (j) registration of a statutory right-of-way for public rights-of-passage over the corner plaza area at 162 Street and 84 Avenue; and
 - (k) removal of the existing non-conforming truck park to the satisfaction of the Manager By-law Enforcement and Licensing.

 8. Council pass a resolution to amend the Fleetwood Town Centre Plan to redesignate the land from Highway Commercial to Medium Density Townhouses when the project is considered for final adoption.

REFERRALS

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

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

27 Elementary students at Frost Road Elementary School
13 Secondary students at North Surrey Secondary School

(Appendix IV)

The applicant has advised that 21 dwelling units in Phase one of this project are expected to be constructed and ready for occupancy by November 2012.

SITE CHARACTERISTICS

Existing Land Use: Existing, non-conforming truck park.

Adjacent Area:

Direction	Existing Use	NCP Designation	Existing Zone
North and West (South of 85 Avenue)	Existing multi-tenant warehouse complex.	Highway Commercial	CHI
North (Across 85 Avenue):	Townhouse development.	Low Density Townhouses	RM-15
East (Across 163 Street):	Townhouse development.	Medium-Density Townhouses	RM-30 and CD (By-law No. 16874)
South (Across 84 Avenue):	Vacant, auto services and KIA dealership	Highway Commercial	CHI
West (Across 162 Street):	West Star Motors and two single family dwellings.	Highway Commercial	CHI

JUSTIFICATION FOR PLAN AMENDMENTSOCP Amendment

- The approximately 2.38-hectare (5.89-acre) subject site is split-designated Commercial and Industrial in the Official Community Plan (OCP). The applicant is seeking an OCP amendment from Commercial and Industrial to Multiple Residential (see Appendix VII) to permit the proposed townhouses.
- The current Commercial and Industrial designations are historic and reflect the OCP designations for this site prior to the approval of the Fleetwood Town Centre Plan in December 2000 and the desire of the owner at that time, for no change.

- The proposed redesignation to Multiple Residential is in line with the Multiple Residential designation to the east of the subject site, which accommodates existing and recently constructed townhouse developments. Lower density townhouse developments are located to the north of the site (across 85 Avenue) under the Urban designation in the OCP.
- In accordance with the OCP, this application is considered a Type 2 OCP Amendment and as such, the provision of a significant community benefit is required. On June 22, 2011 the applicant confirmed in writing their offer to provide a community benefit contribution for the proposed 166 units in the amount of \$1,200 per unit, for a total of \$199,200, prior to the project being considered for Final Adoption. This offer is consistent with other recently approved Multiple Residential OCP Amendment applications.
- The subject site is located within close walking distance of Fleetwood's commercial core and other supportive services and amenities such as public transportation and several major community amenities including the Fleetwood Community Centre, Fleetwood Library, Bonnie Schrenk Park, Frost Road Elementary and Holy Cross High Schools and the Surrey Sports and Leisure Complex. It is also located within close proximity to existing residential developments.
- The objectives of this project are to support a vibrant, pedestrian-oriented Town Centre and to provide the neighbourhood with a high quality development and a greater diversity of housing options.

NCP Amendment

- The proposed townhouse development has a unit density of 28 units per acre. The proposed townhouse form is consistent with the Medium Density Townhouses NCP designation in the Fleetwood Town Centre Plan, which is intended for a maximum density of 30 units per acre.
- The Medium Density Townhouses designation in the NCP allows for the construction of a number of smaller, more affordable townhouse units.
- The proposed NCP redesignation is consistent with the proposed OCP amendment from Commercial and Industrial to Multiple Residential.

DEVELOPMENT CONSIDERATIONS

- The subject site at 16241 - 84 Avenue is located on the north-east corner of 84 Avenue and 162 Street. The site is bound by 85 Avenue to the north, 84 Avenue to the south, 162 to the west and 163 Street to the east.
- The 2.38-hectare (5.89-acre) subject site is currently zoned Highway Commercial Industrial Zone (CHI), split-designated Commercial and Industrial in the Official Community Plan (OCP) and designated Highway Commercial in the Fleetwood Town Centre Plan.

- As described previously, the proposal requires an OCP amendment and an NCP amendment to accommodate the proposed rezoning.
- The applicant is proposing to rezone the site from Highway Commercial Industrial Zone (CHI) to Multiple Residential 30 Zone (RM-30), in order to allow the development of a 166-unit townhouse project with a proposed unit density of 28 units per acre (upa) and a floor area ratio (FAR) of 0.83. A companion Development Variance Permit application to vary building setbacks and parking configuration has also been submitted.
- The proposed FAR of 0.83 and 28 upa conforms to the maximum 0.90 FAR and 30 upa of the RM-30 Zone for a 2.38-hectare (5.89-acre) site.
- The proposal consists of sixty (60) 2-bedroom and den units, sixty-four (64) 3-bedroom units and forty-two (42) four-bedroom units, ranging in floor area from 108 square metres (1,167 sq.ft.) to 138 square metres (1,483 sq.ft.), with a total floor area of 19,833 square metres (213,479 sq.ft.).
- The application also includes the dedication and completion of two adjacent roads: 85 Avenue along the north boundary; and 163 Street along the east boundary.

Tree Preservation and Replacement

- The applicant has submitted an arborist assessment prepared by Trevor Cox Arborist of Diamond Head Consulting Ltd. The report has identified 16 mature trees. All of the trees are located within the required road dedications or the development footprint and will need to be removed. There are an additional twenty-two (22) undersized London Plane trees located on the site. The applicant has indicated that they intend to work with their landscape architect and staff to potentially relocate and retain these trees on the site. The following chart reflects the trees proposed for removal by species:

Tree Species	Number of Trees	Number to be Retained	Number to be Removed
Cottonwood	4	0	4
Maple	2	0	2
Red Alder	2	0	2
Western Red Cedar	8	0	8
Total	16	0	16

- The proposal indicates that 290 trees will be planted on site, which greatly exceeds the 26 replacement trees required by the Tree Protection By-law.

PRE-NOTIFICATION AND PUBLIC INFORMATION MEETING

Pre-notification letters were sent on May 31, 2011 and staff received four phone calls and two written responses from property owners within the pre-notification area. The property owners expressed concerns regarding the number of units proposed and the impact on traffic and parking on the neighbourhood.

- Residents expressed concern with the number of units proposed.

(Staff explained that the applicant indicated that in order to ensure the project is financially viable, the proposed number of units needs to be achieved.)

- Residents also expressed concern with the impact of the proposed development on traffic and parking in the area. With the large percentage of units proposed with tandem parking, there is concern that this type of development will exacerbate the existing parking problems in the neighbourhood.

(The required road widening along 84 Avenue and 85 Avenue, as well as the construction of 163 Street will reduce neighbourhood traffic impacts by dispersing traffic patterns and improving traffic flows. The project will create 53 new on-street parking spaces through road dedications and improvements. New roads and sidewalks will promote walkability and provide better access to existing bus stops.

Future transportation plans for Fraser Highway include bus rapid transit (BRT) and possibly, light rail transit or SkyTrain further into the future, supporting the proposed residential density in the area.

Although tandem parking is proposed, the project includes 42 units (25%) with double car garages.)

Public Information Meeting

- The applicant held a Public Information Meeting (PIM) on June 7, 2011 at the Comfort Inn located at 8255 – 166 Street. Approximately 2,758 invitations were sent by mail informing neighbouring residents of this PIM.
- The meeting was attended by approximately 32 residents. Those in attendance had an opportunity to review the proposal and discuss any concerns with the applicant and their consultants.
- A total of twenty-five (25) comment sheets were submitted in response to the PIM. The PIM comment sheets reflected twenty-one (21) in support of the proposal, two (2) in opposition to the proposal and two (2) did not indicate their position. Parking and traffic congestion were the main points of opposition.
- The concerns can be summarized as follows:
 - Traffic: The proposed development will contribute to existing traffic congestion problems in the area.

Applicant's Response:

- The required road widening along 84 Avenue and 85 Avenue, as well as the construction of 163 Street will reduce neighbourhood traffic impacts by dispersing traffic patterns and improving flows.

Staff Comments:

- The current proposal will provide road widening and provide options for travel within the neighbourhood.
- **Parking:** There is a lack of parking in the neighbourhood and the proposed development will contribute to this shortage.

Applicant's Response:

- The project will create fifty-three (53) new on-street parking spaces through road dedications and improvements.
- The project includes 1 more visitor parking space than required by the Zoning By-law.

Staff Comments:

- In addition to the potential 53 on-street parking spaces which will be provided due to road improvements, the proposed development includes a total of 366 parking spaces, consisting of 332 resident parking spaces and 34 spaces for visitors, which complies with the Surrey Zoning By-law.
- All roads within the area outlined on Appendix IX, except Fraser Highway, can accommodate on-street parking on both sides. The only parking restriction will be implemented within the intersection approaches.

PUBLIC CONSULTATION PROCESS FOR OCP AMENDMENT

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

DESIGN PROPOSAL AND REVIEW**Building Design, Access and Circulation**

- The proposal consists of sixty (60) 2-bedroom and den units, sixty-four (64) 3-bedroom units and forty-two (42) four-bedroom units in 26 buildings, with an average floor area of 119 square metres (1,286 sq.ft.) per dwelling unit.
- The proposal includes 64 units with tandem parking with one enclosed parking space in a garage and one located behind on the parking apron. This proposed parking arrangement requires a variance to the RM-30 Zone (see By-law Variance section).
- There are 60 units with fully enclosed tandem garages and 42 units with fully enclosed double garages.

- The proposal indicates 3-storey buildings with garages at grade. Units with tandem parking with one enclosed parking space in a garage and one located on the parking apron also have a bonus bedroom or den and bathroom at grade. The kitchen, dining and living rooms are located on the second floor, with the bedrooms on the third floor.
- There are two vehicular entry points to the site with a walkway on one side: one from 84 Avenue at the south side of the site; and one from 163 Street at the east side of the site.
- Both driveway entrances include a feature paving area defined by score lines and a distinct pattern.
- There are two pedestrian entrances to the site: one located at the west property line connecting to 162 Street; and one at the north property line connecting to 85 Avenue.
- Buildings 22, 25 and 26 front 162 Street and consist of fifteen (15) street-oriented units with direct street access from the front yard.
- Buildings 12, 13, 15, 19 and 20 front 84 Avenue and consist of thirty-two (32) street-oriented units with direct street access from the front yard.
- Buildings 4, 1, 9 and 10 front 163 Street and consist of twenty-five (25) street-oriented units with direct street access from the front yard.
- Buildings 6 and 7 front 85 Avenue and consist of twelve (12) street-oriented units with direct street access from the front yard.
- The proposed building materials include grey/brown roof shingles. Cladding materials include horizontal hardiplank in dark green, dark blue and dark brown and stained cedar siding. Grey cultured stone is proposed as a chimney feature on the building ends. Balcony railings and downspouts will be in black. Entry doors will be in dark red and dark blue.

Indoor Amenity Space

- The proposed indoor amenity space building is located at the site entrance from 163 Street on the east portion of the site. The proposed amenity building is two levels and consists of a lounge, games room, kitchen and children's area and two washrooms on the main level. A fitness room is proposed on the second level.
- The indoor amenity space building is 232 square metres (2,500 sq.ft.) in size, which is 266 square metres (2,863 sq.ft.) less than the 498 square metres (5,360 sq.ft.) required under the RM-30 Zone (based on 3.0 square metres/32 sq.ft. per dwelling unit).
- The applicant has agreed to provide a monetary contribution of \$93,450 (based on \$1,050 per unit) in accordance with the City policy, to address the shortfall in required indoor amenity space.

Landscaping and Outdoor Amenity Space

- The streetscape elevations include a dark wood rail fence with layered planting in front consisting of Goldmound Spirea, Otto Luyken Laurel and Blue Bird Hydrangea shrubs, Blue Oat Grass and Japanese Snowbell, Kobus Magnolia and Satomi Kousa Dogwood trees in front, with each pedestrian entry defined by a rail gate.
- The common pedestrian entrances are framed by a custom wood arbour painted to match the dark wood rail fence.
- The applicant is proposing a corner feature on the south-west corner of the site that consists of a decorative split-rail fence, naturalized planting area with wild flowers and grasses. The corner feature also includes an historical plaque in recognition of the Frost family homesteaders, an aspen grove with bermed planting and a basalt stone bench seating area.
- A 3-metre (10 ft.) wide landscape buffer is proposed along the north and west property lines adjacent to the existing industrial development, to provide additional screening and setback along this interface.
- An outdoor amenity area is provided in the central portion of the site. This area includes a children's playground and a large flex open space directly accessible to the indoor amenity building.
- The outdoor amenity space measures 504 square metres (5,425 sq.ft.), exceeding the minimum 498 square metres (5,360 sq.ft.) required under the RM-30 Zone based on 3 square metres (32 sq.ft.) per dwelling unit.

Public Art

- The proposed development application was submitted after March 15, 2011 and is subject to the public art policy (as per Corporate Report No. R051 approved by Council on March 14, 2011).
- The applicant has been working with the Fleetwood Community Association on a corner feature that reflects the history of the area. As described above, the proposed corner feature is located on the south-west corner of the site and consists of a decorative split-rail fence, naturalized planting area with wild flowers and grasses. The corner feature will include an historical plaque, an aspen grove with bermed planting and a basalt stone bench seating area.
- The proposed corner feature is subject to review by the Public Art Advisory Committee in order to determine if the proposed corner feature meets the intent of the public art policy.
- The applicant has indicated that they will work with the Public Art Advisory Committee and the Fleetwood Community Association to satisfy the policy requirements.

Parking

- The proposed development includes a total of 366 parking spaces for the 166 units, consisting of 332 resident parking spaces and 34 spaces for visitors, which complies with the Surrey Zoning By-law. Visitor parking spaces are located throughout the site.
- Resident parking spaces will be provided in a tandem garage for sixty (60) of the units, in a fully enclosed double garage for 42 units and one parking space to be located inside the garage, with the second space behind on the driveway for sixty-four (64) of the units.
- To ensure that the tandem garage parking spaces are not converted into livable space, the applicants are required to register a Section 219 Restrictive Covenant as a condition of Final Adoption.

ADVISORY DESIGN PANEL

This application was not referred to the ADP, but was reviewed by staff and found satisfactory.

BY-LAW VARIANCES AND JUSTIFICATION

(a) Requested Variances:

- To reduce the minimum north front yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 85 Avenue;
- To reduce the minimum north side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street);
- To reduce the minimum south rear yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 84 Avenue;
- To reduce the minimum east side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 163 Street;
- To reduce the minimum west side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street); and
- To reduce the minimum west side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 162 Street.

Applicant's Reasons:

- The reduced setbacks along 84 and 85 Avenues and 162 and 163 Streets reinforce the urban character and are in-keeping with the character of the existing neighbourhood.

- The units are closer to the street and will present a friendly face to the street, promoting social interaction, as well as casual surveillance.
- The reduced north and west yard setbacks along the existing industrial interface include a 3.0-metre (10 ft.) wide landscape buffer in order to buffer the proposed townhouse units. The reduced setback is to the side of the proposed units.

Staff Comments:

- The reduced setbacks are in keeping with what has been approved in similar developments in Fleetwood Town Centre.
- The 3.0-metre (10 ft.) wide landscape buffer will provide an adequate interface to the existing industrial site.
- Staff support the proposed setback variances.

(b) Requested Variance:

- To vary the parking requirement in the RM-30 Zone to allow one tandem parking space to be unenclosed for 64 proposed units.

Applicant's Reasons:

- The proposed change to the parking configuration provides for more marketable units by providing additional habitable floor area.
- Other projects in Surrey have included this parking configuration.

Staff Comments:

- An additional room can be accommodated on the ground level which provides an opportunity for natural surveillance of front yards and sidewalks.
- Staff support the proposed variance.

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, Perspective and Landscape Plans
Appendix III.	Engineering Summary
Appendix IV.	School District Comments
Appendix V.	Summary of Tree Survey and Tree Preservation
Appendix VI.	Proposed NCP Amendment

- Appendix VII. Proposed OCP Amendment
- Appendix VIII. Development Variance Permit No. 7911-0079-00
- Appendix IX. Existing and Future On-Street Parking

original signed by Judith Robertson

Jean Lamontagne
General Manager
Planning and Development

JLM/kms

\\file-server1\net-data\csdc\generate\areaproduct\save\17577592026.doc
. 7/5/11 1:08 PM

DEVELOPMENT DATA SHEET

Proposed Zoning: RM-30

Required Development Data	Minimum Required / Maximum Allowed	Proposed
LOT AREA (in square metres)		
Gross Total		27,261 m ²
Road Widening area		3,412 m ²
Undevelopable area		
Net Total		23,849 m ²
LOT COVERAGE (in % of net lot area)		
Buildings & Structures		
Paved & Hard Surfaced Areas		
Total Site Coverage	45%	37%
SETBACKS (in metres)		
Front (85 Avenue)	7.5 m	4.5 m *
Rear (84 Avenue)	7.5 m	4.5 m *
Side #1 (163 Street)	7.5m	4.5 m *
Side #2 (W)	7.5 m	6.0 m *
Side #3 (162 Street)	7.5 m	4.5 m *
Side #4 (N)	7.5 m	6.0 m *
BUILDING HEIGHT (in metres/storeys)		
Principal	13.0 m	13.0 m
Indoor Amenity Building	10.0 m	10.0 m
Other Accessory Buildings	4.5 m	4.5 m
NUMBER OF RESIDENTIAL UNITS		
Bachelor		0
One Bed		0
Two Bedroom		60
Three Bedroom +		106
Total		166
FLOOR AREA: Residential	21,464.09 m ²	19,832.72 m ²
FLOOR AREA: Commercial	n/a	
Retail		
Office		
Total		
FLOOR AREA: Industrial	n/a	
TOTAL BUILDING FLOOR AREA	21,464.09 m ²	19,832.72 m ²

* ***Variiances requested.***

Development Data Sheet cont'd

Required Development Data	Minimum Required / Maximum Allowed	Proposed
DENSITY		
# of units/ha /# units/acre (gross)		
# of units/ha /# units/acre (net)	75 upha/30 upa	69 upha/28 upa
FAR (gross)		
FAR (net)	0.90	0.83
AMENITY SPACE (area in square metres)		
Indoor	498 m ²	232 m ²
Outdoor	498 m ²	504 m ²
PARKING (number of stalls)		
Commercial		
Industrial		
Residential Bachelor + 1 Bedroom		
2-Bed	120	120
3-Bed	212	212
Residential Visitors	33	34
Institutional	365	366
Total Number of Parking Spaces		
Number of disabled stalls		4
Number of small cars		0
Tandem Parking Spaces: Number / % of Total Number of Units		75%
Size of Tandem Parking Spaces width/length		

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



1. EXISTING SITE
INTERSECTION OF 84TH AVE & 162ND ST



2. VIEW SOUTH
INTERSECTION OF FRASER HWY & 162ND ST



4. VIEW WEST AT EXISTING SITE



3. VIEW SOUTH
INTERSECTION OF FRASER HWY & 162ND ST - VERANDA TOWNHOUSE DEVELOPMENT



8. VIEW SOUTH FROM 85TH AVENUE
AT PROPERTY LINE WITH CAMELOT VILLAGE



7. VIEW EAST ALONG 85TH AVENUE
ADJACENT TOWNHOUSE DEVELOPMENT - CAMELOT VILLAGE



10. VIEW EAST - SOUTH
INTERSECTION OF 85TH AVENUE & 162ND STREET



9. VIEW WEST ALONG 85TH AVENUE
ADJACENT SITE AND TOWNHOUSE DEVELOPMENT



TOWNHOUSE DEVELOPMENT
CAMELOT VILLAGE

PROPOSED
TOWNHOUSE DEVELOPMENT

54 UNIT
TOWNHOUSE DEVELOPMENT
U/ CONSTRUCTION

200 TOWNHOUSE DEVELOPMENT
VERANDA



5. VIEW EAST ALONG
NORTH PROPERTY LINE - EXISTING SITE



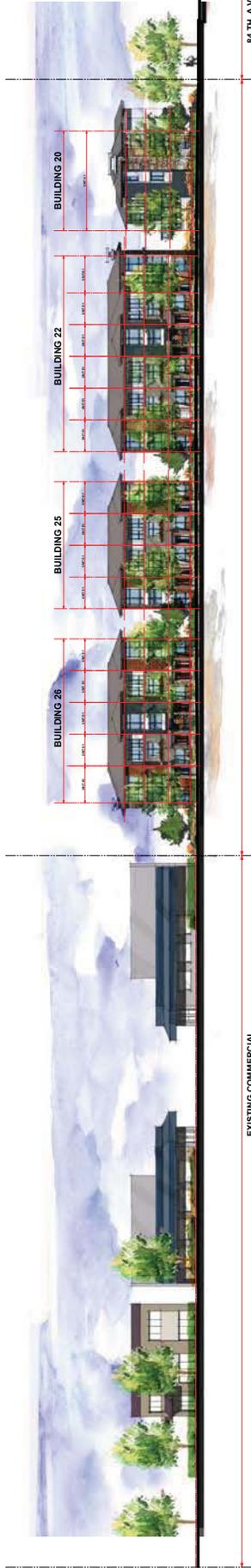
6. VIEW EAST ALONG 84TH AVENUE
AT EXISTING SITE

DATE	1/17/17
PROJECT	162ND ST - 85TH AVENUE CAMELOT VILLAGE
CONTRACT NO.	162-17-001
DATE	JUNE 1, 2011
SCALE	4

A-0.002



INTERIA ARCHITECTURE INC.
 415 WEST PENDER STREET
 VANCOUVER, BC V6B 1T5
 T: 604.681.4226 F: 604.684.2770
 WWW.IA11818.PA.FA.CH.COM
© 2011 INTERIA ARCHITECTURE INC. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF INTERIA ARCHITECTURE INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF INTERIA ARCHITECTURE INC.



EXISTING COMMERCIAL

STREETSCAPE - 162ND STREET

84TH AVENUE

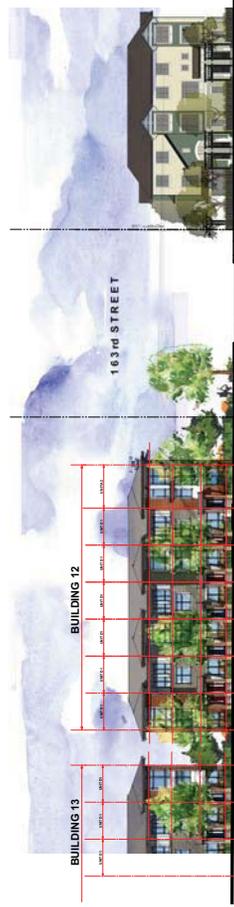


PROPOSED TOWNHOUSE DEVELOPMENT

163 RD STREET

54-TOWNHOUSE DEVELOPMENT UNDER CONSTRUCTION

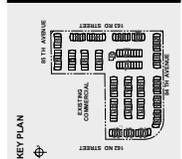
STREETSCAPE - 84TH AVENUE



PROPOSED TOWNHOUSE DEVELOPMENT

163 RD STREET

54 TOWNHOUSE DEVELOPMENT UNDER CONSTRUCTION



CLIENT	ANTHEM
PROJECT	FLEETWOOD
DATE	10211, 84TH AVENUE, SURREY, BC, CANADA
SCALE	STREET ELEVATIONS
DATE	10211
DATE	1:200
DATE	JUN 21, 2011
DATE	10211
DATE	4

A-0.010



INTEGRAL ARCHITECTURE INC.
 416 WEST PENDER STREET
 VANCOUVER, BC V6B 1T5
 T: 604.683.4226 F: 604.683.4270
 WWW.IAARCHITECTURE.COM
 1181 WEST 10TH AVENUE
 SUITE 1000 VANCOUVER, BC V6E 1V7
 T: 604.683.4226 F: 604.683.4270
 WWW.IAARCHITECTURE.COM



PROJECT NAME
 FLEETWOOD

CLIENT
 ANTHEM

ARCHITECT
 INTEGRAL ARCHITECTURE INC.

1181 WEST 10TH AVENUE
 VANCOUVER, BC V6E 1V7

SITE PLAN
 Existing bldgs

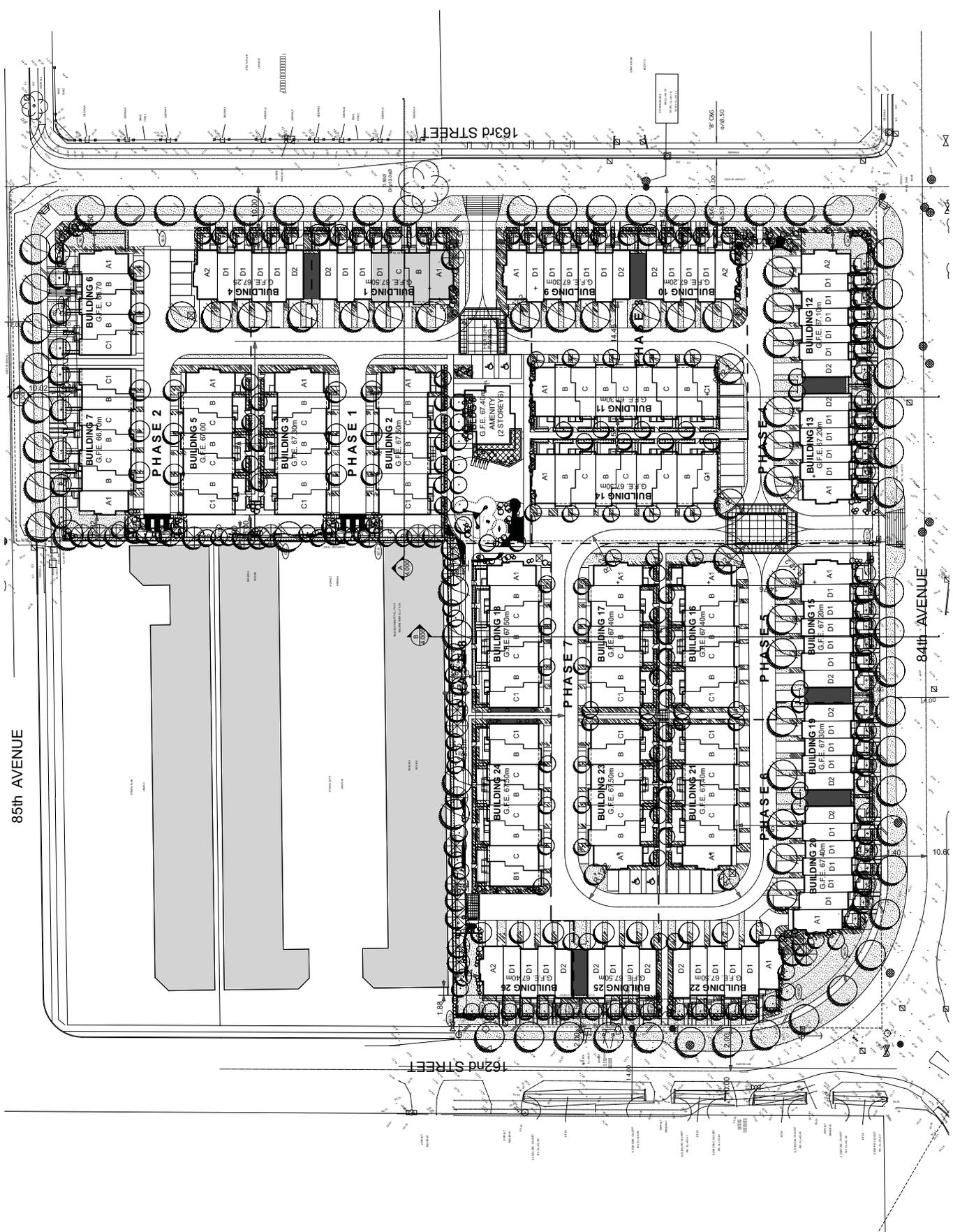
DATE
 1380

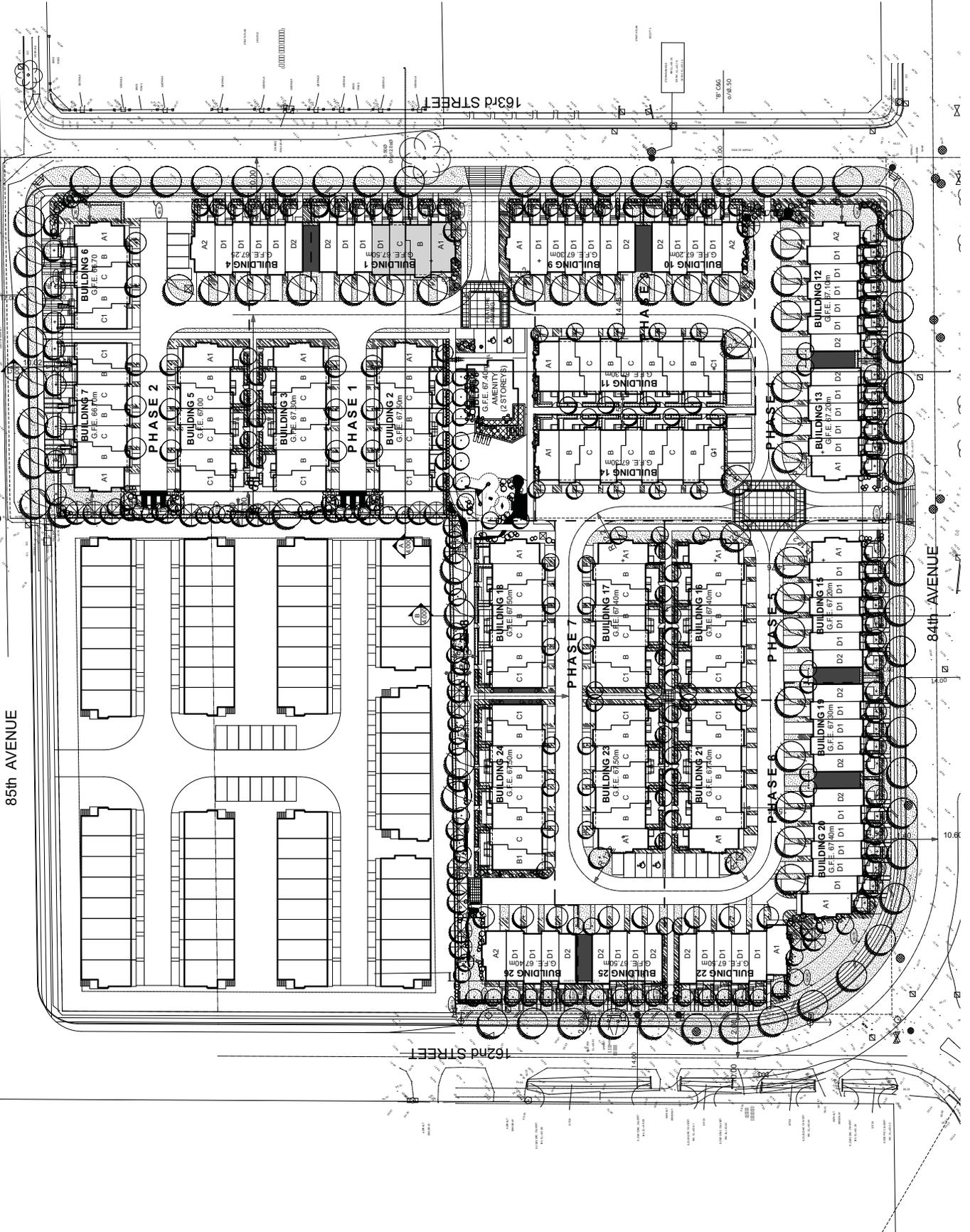
SCALE
 1:500

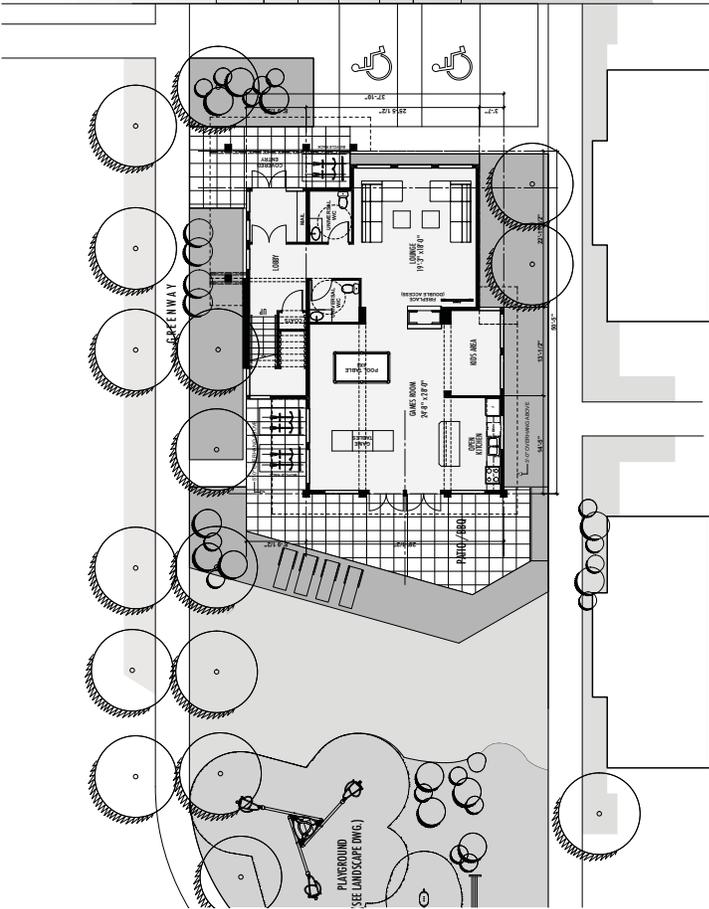
PROJECT NO.
 JUN 27, 2011

DESIGNED BY
 INTEGRAL ARCHITECTURE INC.

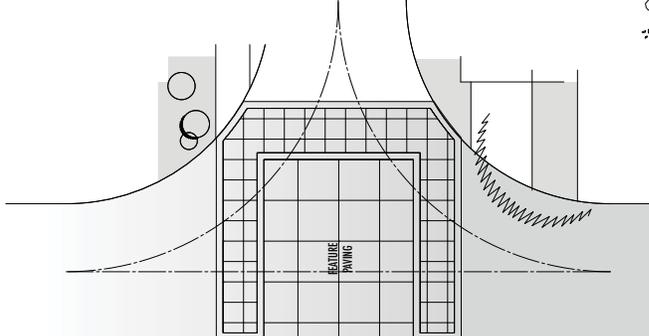
A-1.001



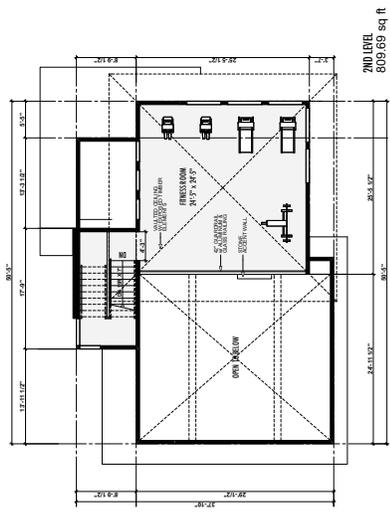




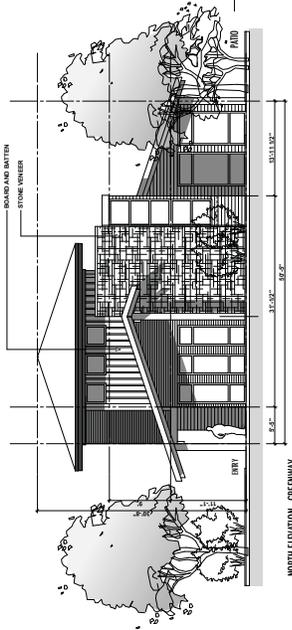
SITE PLAN
 1ST LEVEL
 1,581.55 sq ft
 TOTAL INDOOR AMBIGUITY AREA 2,392 SF



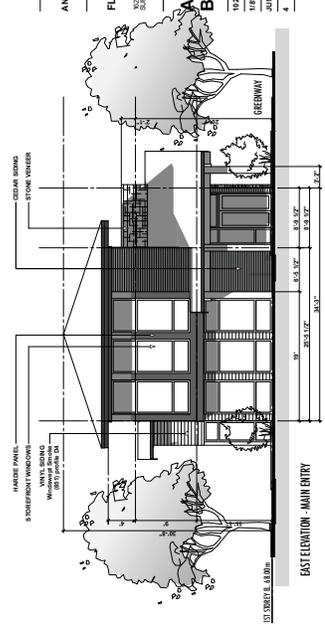
INTEGRAL ARCHITECTURE INC.
 444 WEST PENDER STREET
 VANCOUVER BC V6B 1T5
 T 604.683.8220 F 604.683.8270
 info@integral-arch.com
 www.integral-arch.com



2ND LEVEL
 809.69 sq ft



NORTH ELEVATION - GREENWAY



EAST ELEVATION - MAIN ENTRY

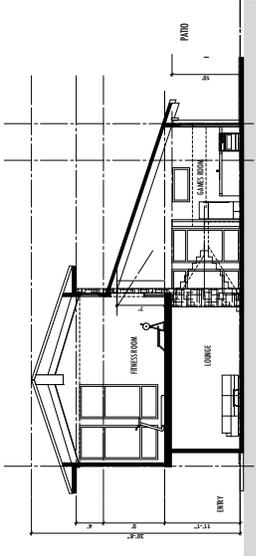
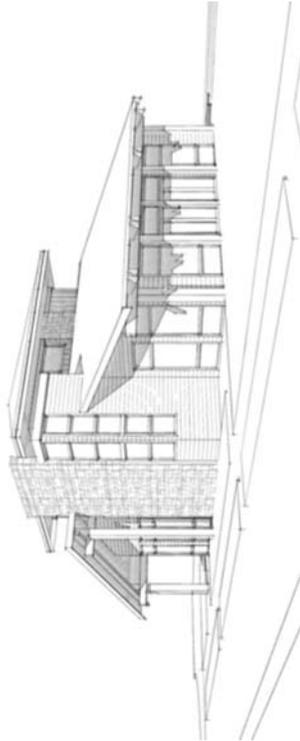
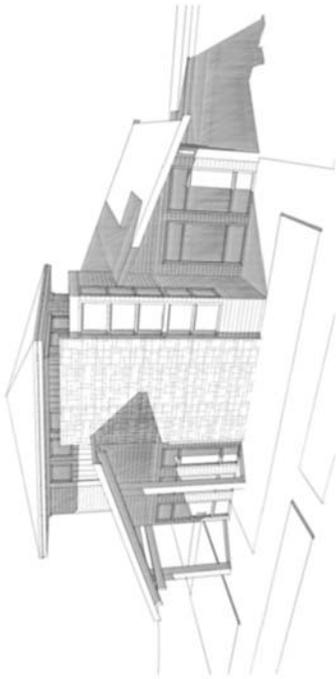


ANTHEM
 FLEETWOOD
 19-258
 1777-17-47
 JUN 21, 2011

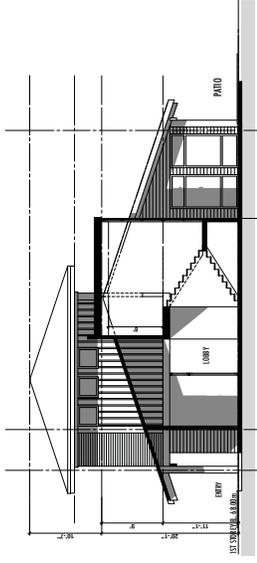
A-2.080



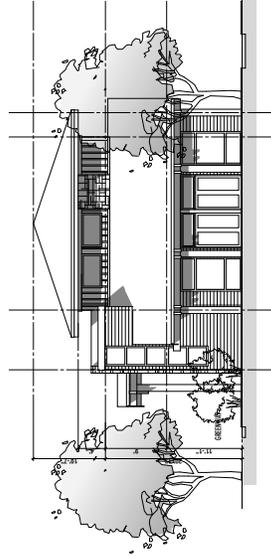
INTEGRA ARCHITECTURE INC.
 414 WEST BRANDER STREET
 VANCOUVER BC V6B 1T5
 T 604.688.4220 F 604.688.4270
 info@integra-arch.com
 www.integra-arch.com
 CONSULTING ARCHITECTS
 100% OF REVENUE FROM ARCHITECTURAL SERVICES
 100% OF REVENUE FROM ARCHITECTURAL SERVICES



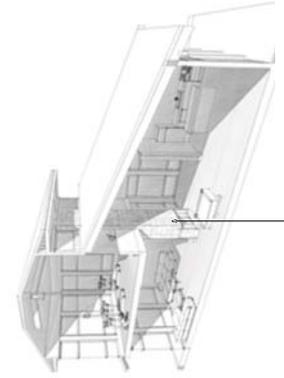
SECTION 1-1



SECTION 2-2



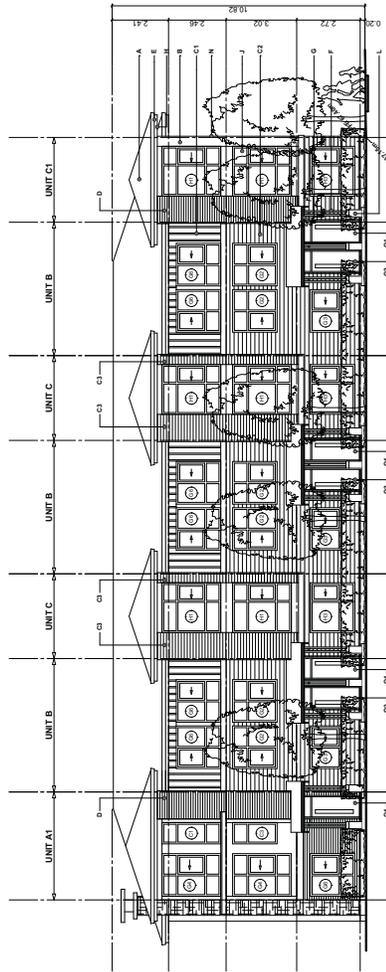
WEST ELEVATION - PATIO



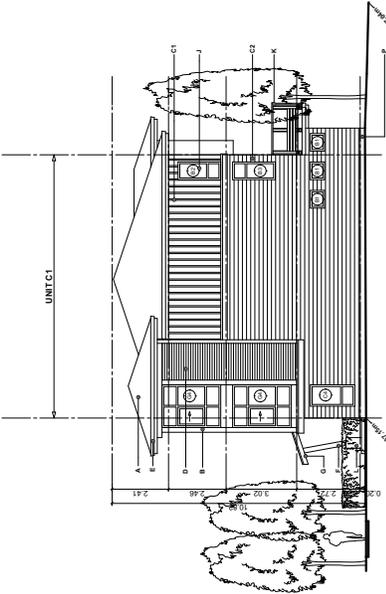
FIREPLACE / FIRESCREEN WALL

CLIENT	ARCHITECT	DATE
ANTHEM	FLEETWOOD	10-2008
	2555 WEST 4TH AVENUE	10/21/10
	VANCOUVER, BC	JUN 21, 2011
		4

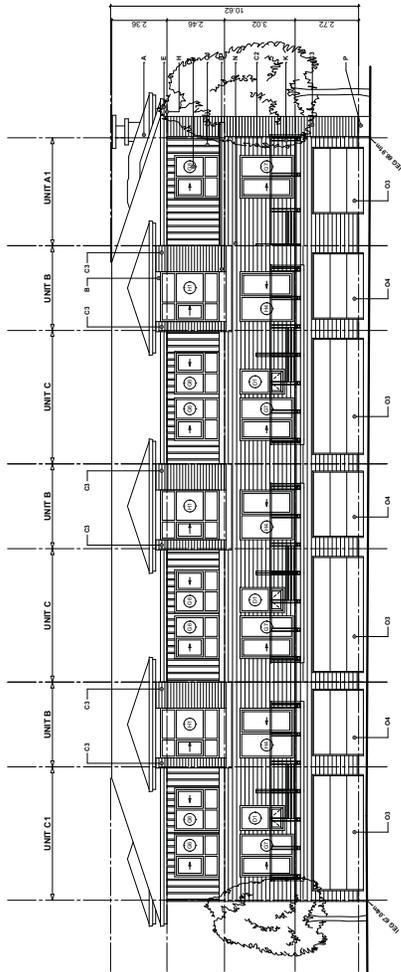
A-2.081



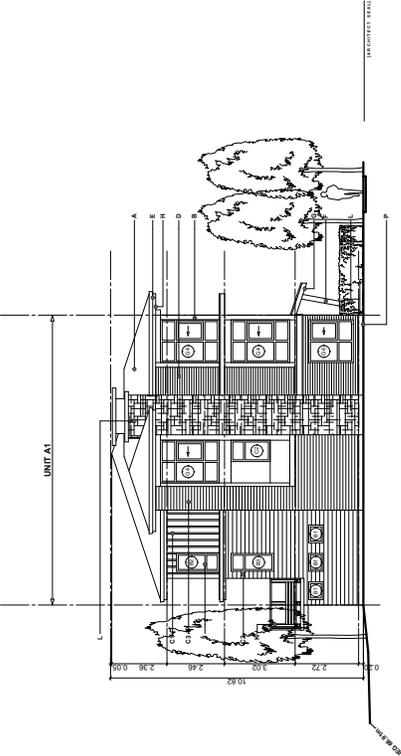
1 BUILDING 16 - NORTH ELEVATION (COURTYARD)



2 BUILDING 16 - WEST ELEVATION (INTERNAL SIDEWALK)



3 BUILDING 16 - SOUTH ELEVATION (INTERNAL STREET)



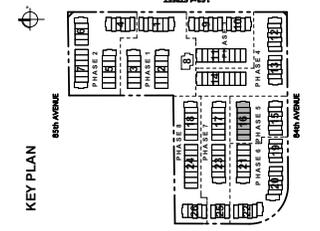
4 BUILDING 16 - EAST ELEVATION (INTERNAL STREET)

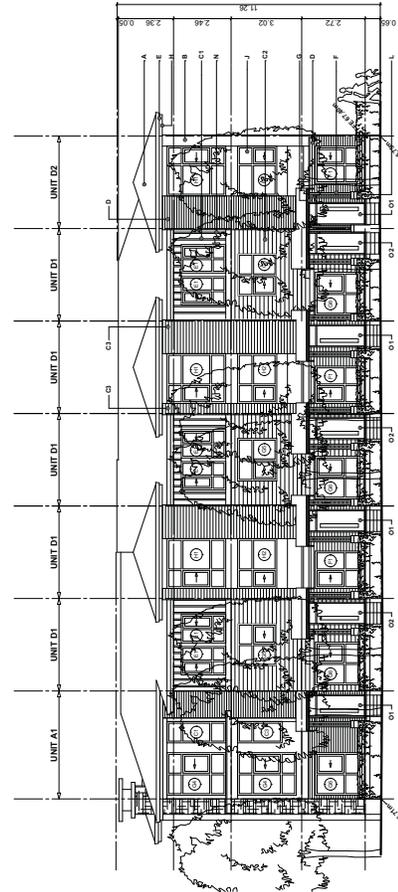
5 MATERIAL & COLOUR LEGEND
 SK-3 DARK BROWN

Colour	Manufacturer	Reference No.	Element
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown

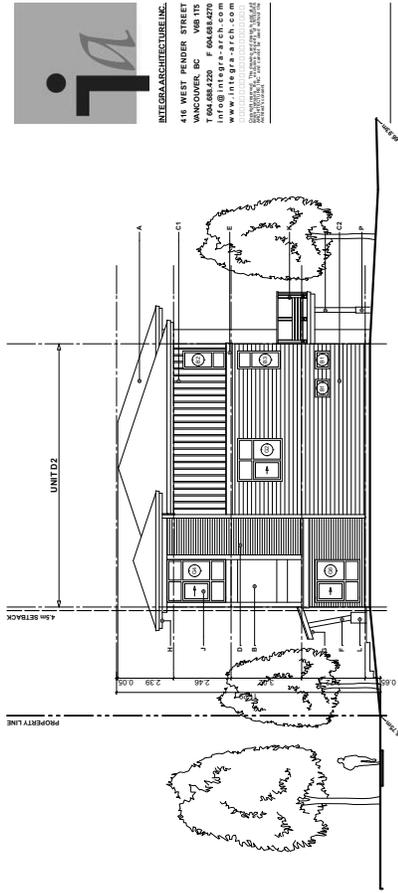
Colour	Manufacturer	Reference No.	Element
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown

Colour	Manufacturer	Reference No.	Element
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown
SK-3	Benjamin Moore	DP1000	Dark Brown

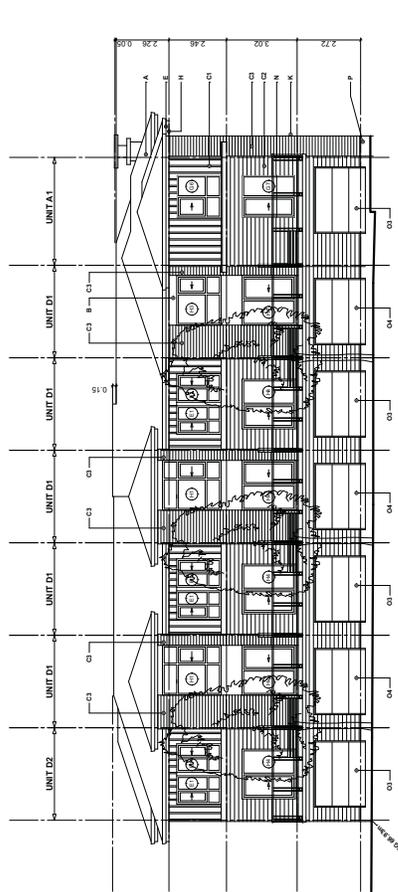




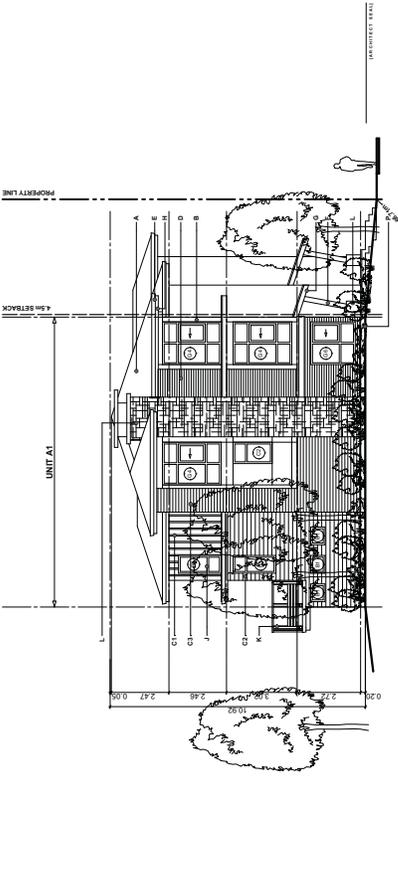
1 BUILDING 20 - SOUTH ELEVATION (84th AVENUE)



2 BUILDING 20 - EAST ELEVATION (INTERNAL SIDEWALK)



3 BUILDING 20 - NORTH ELEVATION (INTERNAL STREET)



4 BUILDING 20 - WEST ELEVATION (162 STREET)

5 MATERIAL & COLOUR LEGEND
 SK-2 DARK GREEN

Colour	Manufacturer	Reference No.	Element
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall

Colour	Manufacturer	Reference No.	Element
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall
SK-2	Benetton	SK-2	Exterior Wall

KEY PLAN

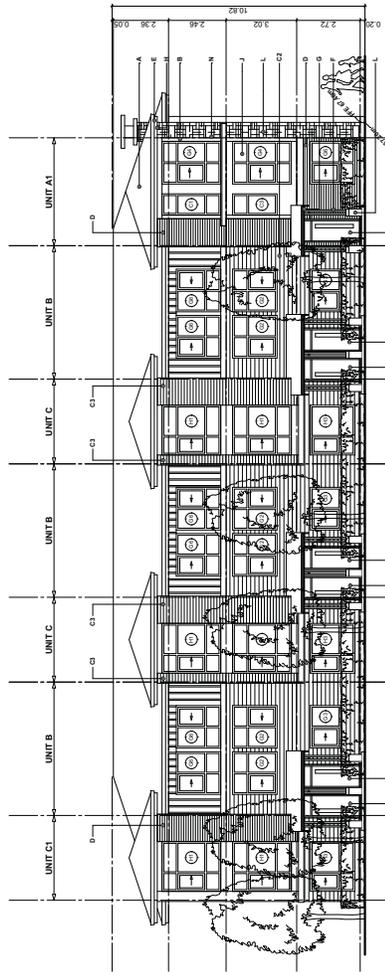
ANthem

FLEETWOOD
 1621 L. 84th AVENUE
 SURREY, BC, CANADA

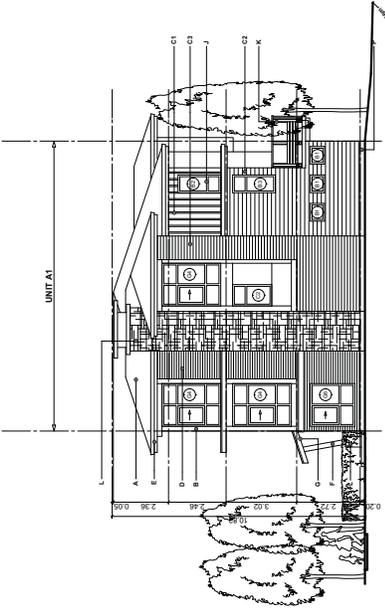
BUILDING 20 ELEVATIONS

1:2500
 1:1000
 JUN 21, 2011

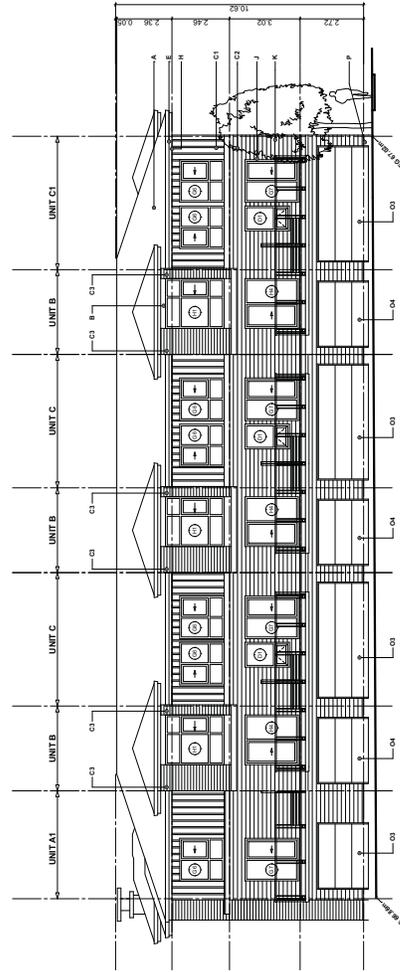
A-2-202



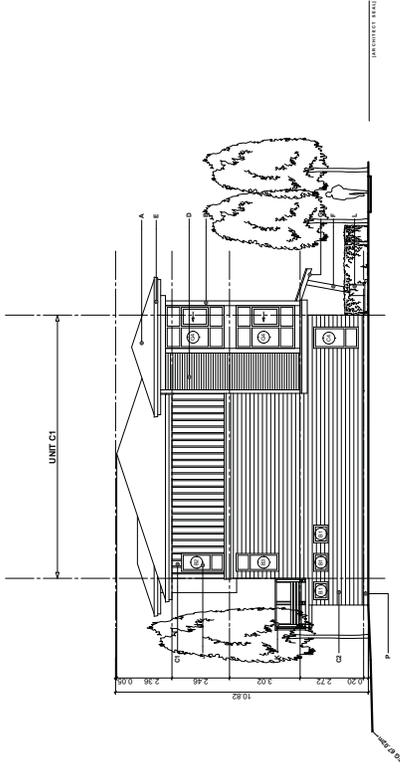
① BUILDING 21 - NORTH ELEVATION (COURTYARD)



② BUILDING 21 - WEST ELEVATION (INTERNAL STREET)



③ BUILDING 21 - SOUTH ELEVATION (INTERNAL STREET)



④ BUILDING 21 - EAST ELEVATION (INTERNAL SIDEWALK)

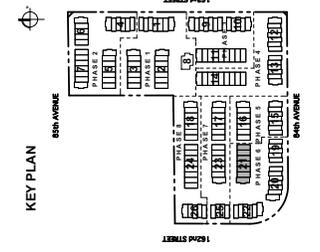
5 MATERIAL & COLOUR LEGEND
SK-1 DARK BLUE

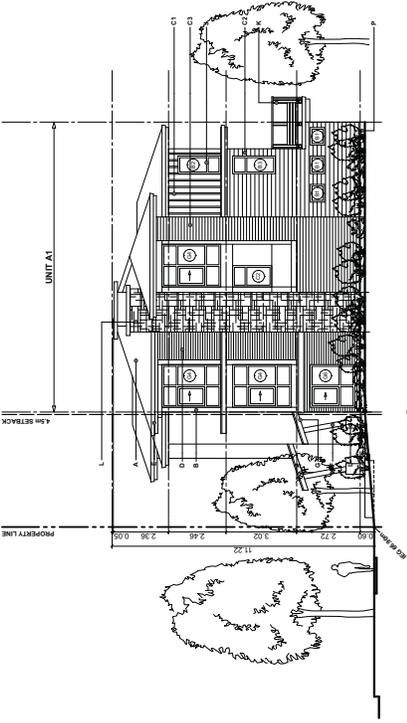
Colour	Manufacturer	Reference No.	Equivalent
SK-1	Benetton	SK-1	SK-1
SK-2	Benetton	SK-2	SK-2
SK-3	Benetton	SK-3	SK-3
SK-4	Benetton	SK-4	SK-4
SK-5	Benetton	SK-5	SK-5
SK-6	Benetton	SK-6	SK-6
SK-7	Benetton	SK-7	SK-7
SK-8	Benetton	SK-8	SK-8

Colour	Manufacturer	Reference No.	Equivalent
SK-9	Benetton	SK-9	SK-9
SK-10	Benetton	SK-10	SK-10
SK-11	Benetton	SK-11	SK-11
SK-12	Benetton	SK-12	SK-12
SK-13	Benetton	SK-13	SK-13
SK-14	Benetton	SK-14	SK-14
SK-15	Benetton	SK-15	SK-15
SK-16	Benetton	SK-16	SK-16
SK-17	Benetton	SK-17	SK-17
SK-18	Benetton	SK-18	SK-18
SK-19	Benetton	SK-19	SK-19
SK-20	Benetton	SK-20	SK-20

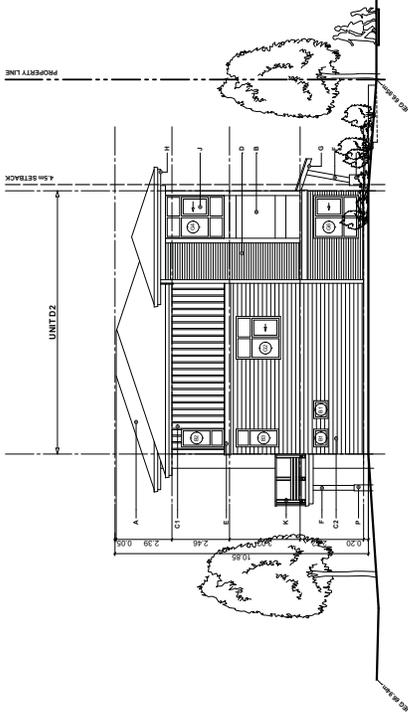
5 MATERIAL & COLOUR LEGEND
SK-1 DARK BLUE

Colour	Manufacturer	Reference No.	Equivalent
SK-21	Benetton	SK-21	SK-21
SK-22	Benetton	SK-22	SK-22
SK-23	Benetton	SK-23	SK-23
SK-24	Benetton	SK-24	SK-24
SK-25	Benetton	SK-25	SK-25
SK-26	Benetton	SK-26	SK-26
SK-27	Benetton	SK-27	SK-27
SK-28	Benetton	SK-28	SK-28
SK-29	Benetton	SK-29	SK-29
SK-30	Benetton	SK-30	SK-30

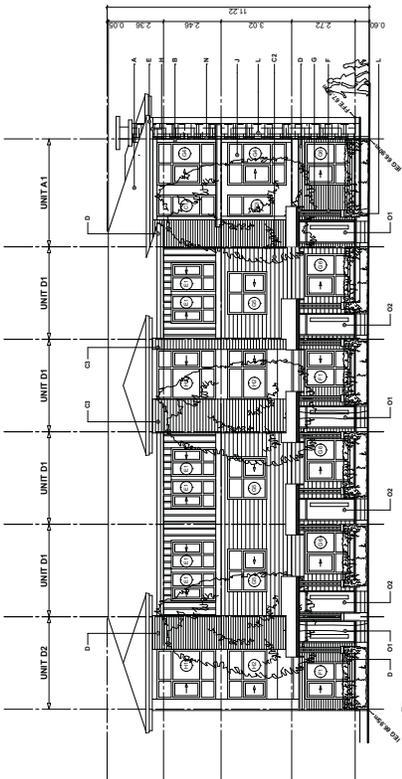




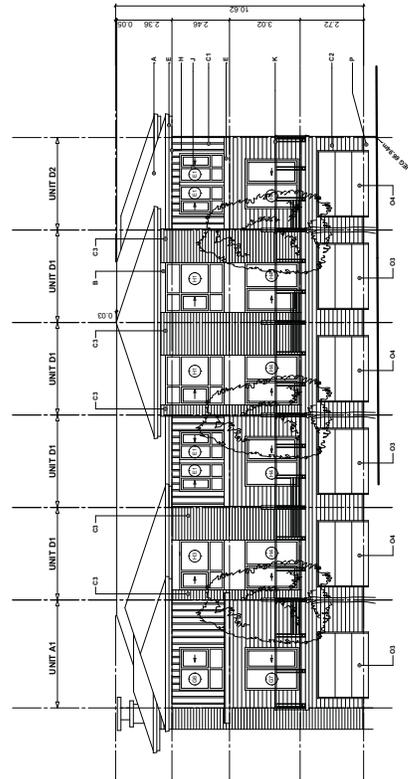
② BUILDING 22 - SOUTH ELEVATION (84th AVENUE)



④ BUILDING 22 - NORTH ELEVATION (INTERNAL SIDEWALK)



① BUILDING 22 - WEST ELEVATION (162nd STREET)



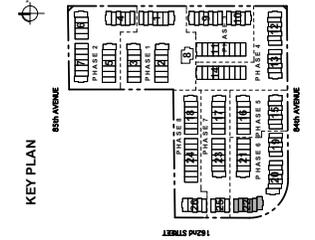
③ BUILDING 22 - EAST ELEVATION (INTERNAL STREET)

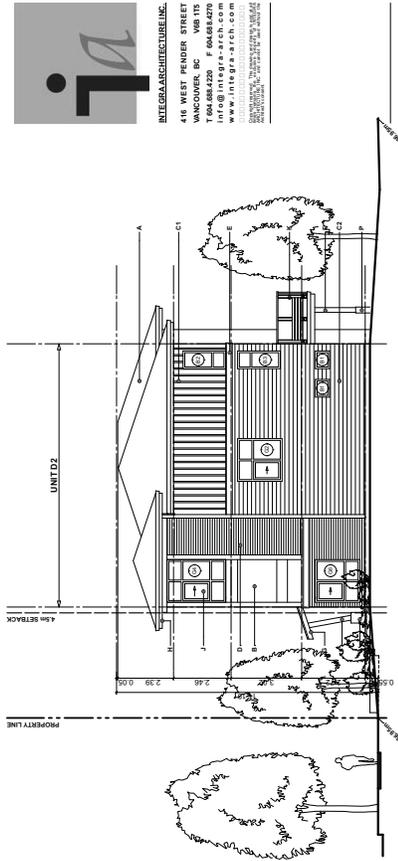
5 MATERIAL & COLOUR LEGEND
SK-1 DARK BLUE

Colour	Manufacturer	Reference	Element	Colour to match
SK-A	Grey / Blue	Marbury	SP Wood	Element
SK-B	White	Benjamin Moore	OC-225	Lightest Blue (Benjamin Moore)
SK-C1	White	Benjamin Moore	OC-225	White
SK-C2	White	Benjamin Moore	OC-225	White
SK-C3	White	Benjamin Moore	OC-225	White
SK-D	White	Benjamin Moore	OC-225	White
SK-E	White	Benjamin Moore	OC-225	White
SK-F	White	Benjamin Moore	OC-225	White
SK-G	White	Benjamin Moore	OC-225	White

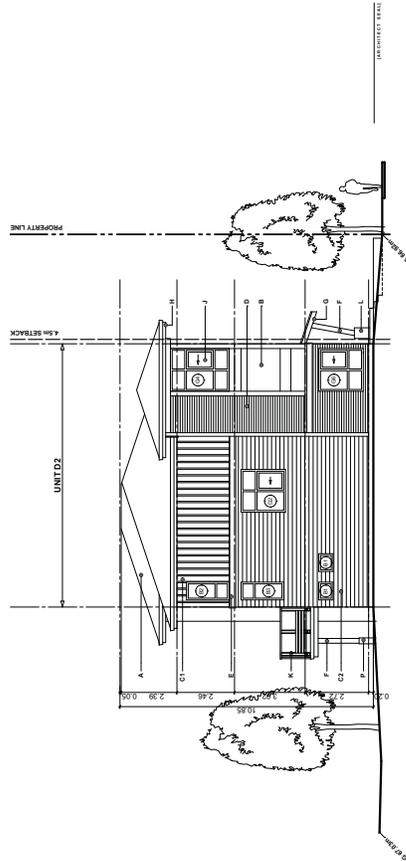
Colour	Manufacturer	Reference	Element	Colour to match
SK-H	White	Benjamin Moore	OC-225	White
SK-I	White	Benjamin Moore	OC-225	White
SK-J	White	Benjamin Moore	OC-225	White
SK-K	White	Benjamin Moore	OC-225	White
SK-L	White	Benjamin Moore	OC-225	White
SK-M	White	Benjamin Moore	OC-225	White
SK-N	White	Benjamin Moore	OC-225	White
SK-O	White	Benjamin Moore	OC-225	White
SK-P	White	Benjamin Moore	OC-225	White

Colour	Manufacturer	Reference	Element	Colour to match
SK-Q	White	Benjamin Moore	OC-225	White
SK-R	White	Benjamin Moore	OC-225	White
SK-S	White	Benjamin Moore	OC-225	White
SK-T	White	Benjamin Moore	OC-225	White
SK-U	White	Benjamin Moore	OC-225	White
SK-V	White	Benjamin Moore	OC-225	White
SK-W	White	Benjamin Moore	OC-225	White
SK-X	White	Benjamin Moore	OC-225	White
SK-Y	White	Benjamin Moore	OC-225	White
SK-Z	White	Benjamin Moore	OC-225	White

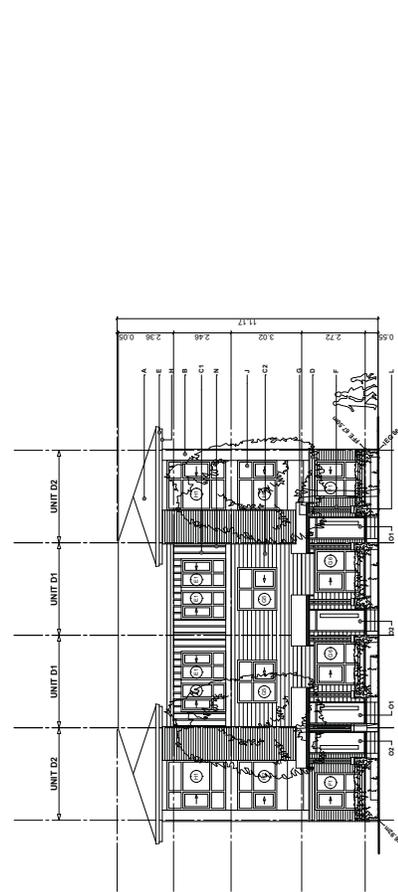




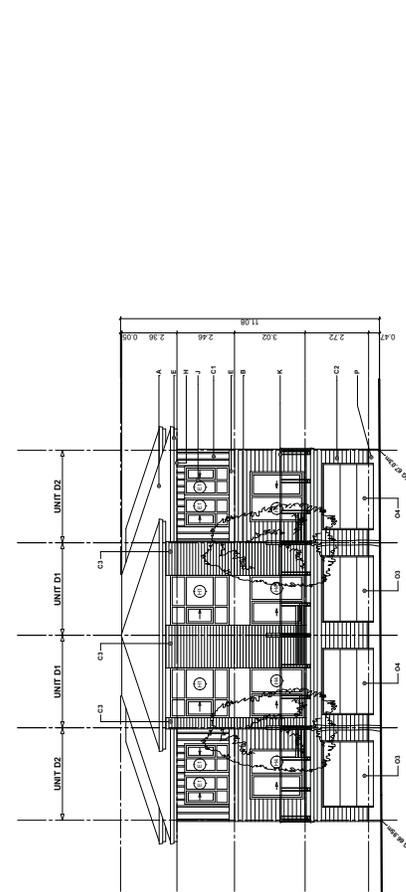
② BUILDING 25 - SOUTH ELEVATION (INTERNAL SIDEWALK)



④ BUILDING 25 - NORTH ELEVATION (INTERNAL SIDEWALK)



① BUILDING 25 - WEST ELEVATION (162nd STREET)



③ BUILDING 25 - EAST ELEVATION (INTERNAL STREET)

5 MATERIAL & COLOUR LEGEND
SK-1 DARK BLUE

Colour	Manufacturer	Reference No.	Element	Colour to match
SK-A	Marley	SP Wood	Lighter Ash Grey (Shingles)	SK-H
SK-B	Benjamin Moore	OC-22	White	SK-I
SK-C1	Benjamin Moore	OC-22	White	SK-J
SK-C2	Benjamin Moore	OC-22	White	SK-K
SK-C3	Benjamin Moore	OC-22	White	SK-L
SK-D	Benjamin Moore	OC-22	White	SK-M
SK-E	Benjamin Moore	OC-22	White	SK-N
SK-F	Benjamin Moore	OC-22	White	SK-O
SK-G	Benjamin Moore	OC-22	White	SK-P

Colour	Manufacturer	Reference No.	Element	Colour to match
SK-H	Benjamin Moore	OC-22	White	SK-Q
SK-I	Benjamin Moore	OC-22	White	SK-R
SK-J	Benjamin Moore	OC-22	White	SK-S
SK-K	Benjamin Moore	OC-22	White	SK-T
SK-L	Benjamin Moore	OC-22	White	SK-U
SK-M	Benjamin Moore	OC-22	White	SK-V
SK-N	Benjamin Moore	OC-22	White	SK-W
SK-O	Benjamin Moore	OC-22	White	SK-X
SK-P	Benjamin Moore	OC-22	White	SK-Y
SK-Q	Benjamin Moore	OC-22	White	SK-Z

KEY PLAN

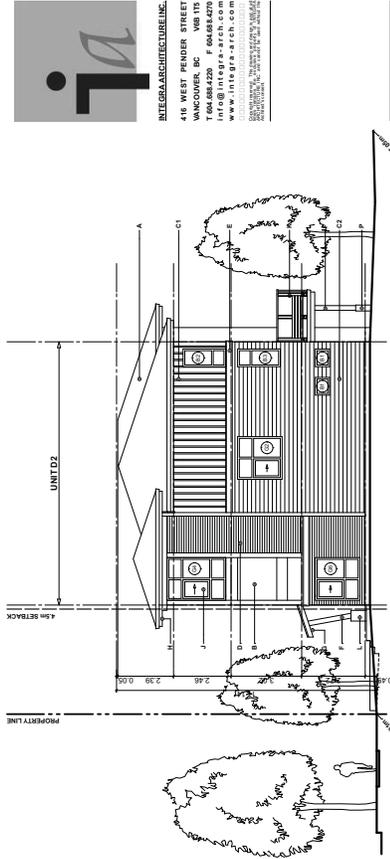
ANthem

FLEETWOOD
 1031 L. & P. AVENUE
 SURREY, BC CANADA

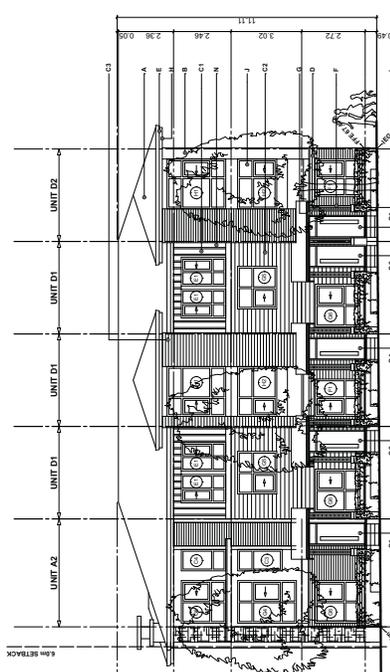
BUILDING 25 ELEVATIONS

1:2500
 1:1000
 JUN 21, 2011

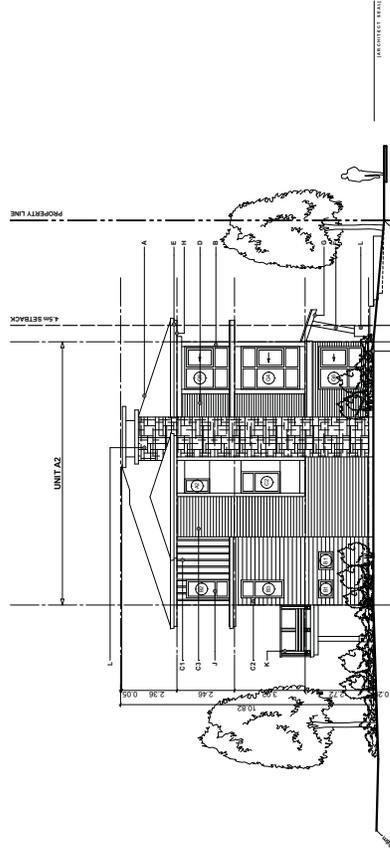
A-2-252



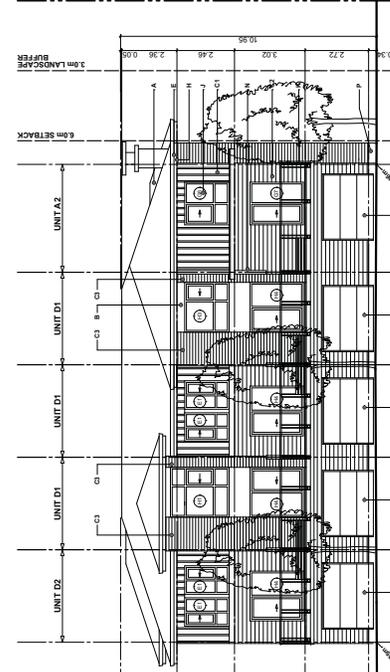
② BUILDING 26 - SOUTH ELEVATION (INTERNAL SIDEWALK)



① BUILDING 26 - WEST ELEVATION (162nd STREET)



④ BUILDING 26 - NORTH ELEVATION (LANDSCAPE BUFFER)



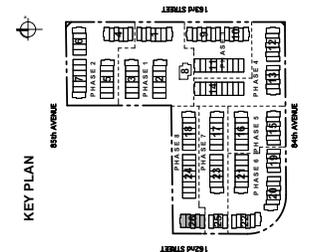
③ BUILDING 26 - EAST ELEVATION (INTERNAL STREET)

5 MATERIAL & COLOUR LEGEND
SK-1 DARK BLUE

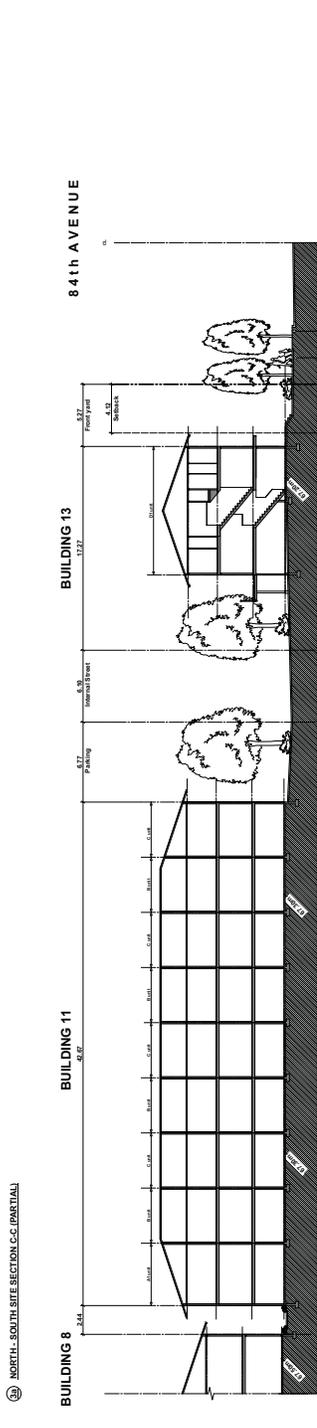
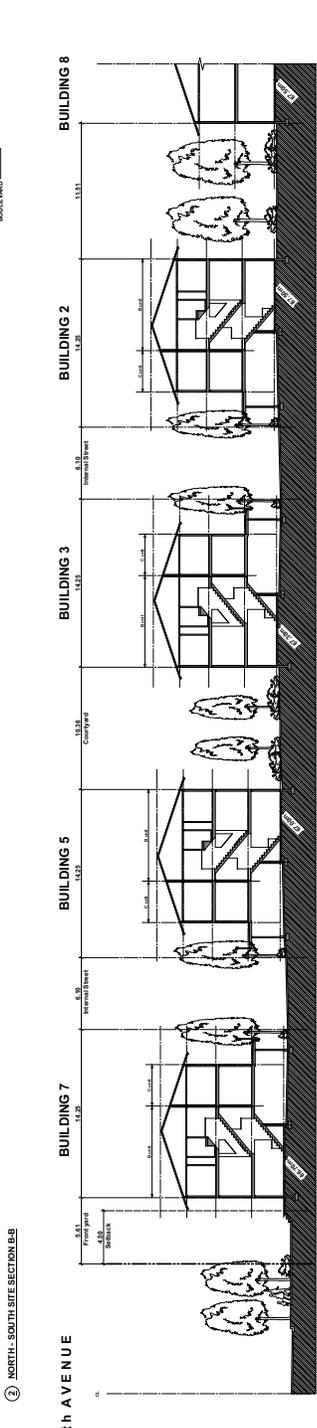
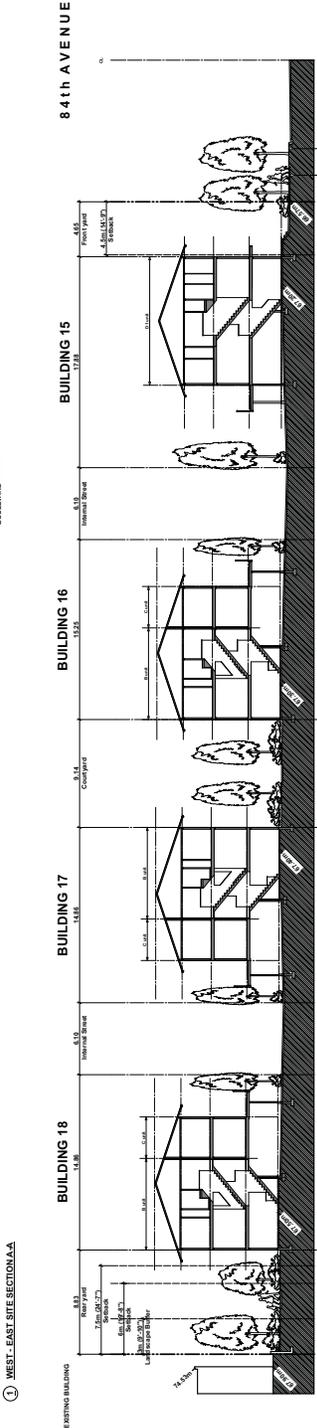
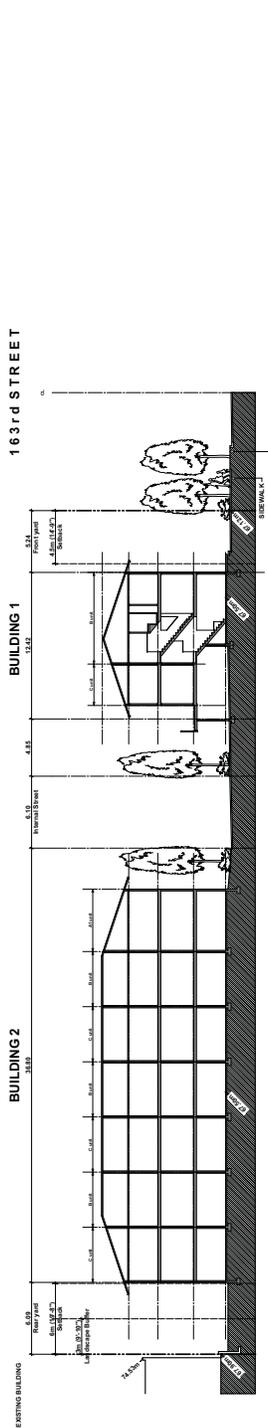
Colour	Manufacturer	Reference No.	Element	Colour to match
SK-A	Masonry	SP Wood	Exterior	Exterior
SK-B	Brick	CC-BR	Brick	Exterior
SK-C1	White	CC-WH	Horizontal ribbed concrete panels with panels @ corner windows	Exterior
SK-C2	White	CC-WH	Vertical ribbed concrete panels with panels @ corner windows	Exterior
SK-C3	Dark Blue	CC-DB	Horizontal ribbed concrete panels with panels @ corner windows	Exterior
SK-D	Stone	CC-ST	Horizontal ribbed concrete panels with panels @ corner windows	Exterior
SK-E	Dark Blue	CC-DB	Vertical ribbed concrete panels with panels @ corner windows	Exterior
SK-F	Stone	CC-ST	Horizontal ribbed concrete panels with panels @ corner windows	Exterior
SK-G	Stone	CC-ST	Vertical ribbed concrete panels with panels @ corner windows	Exterior

Colour	Manufacturer	Reference No.	Element	Colour to match
SK-H	Dark Grey	SK-H	Dark Grey	Exterior
SK-I	White	SK-I	White	Exterior
SK-J	Dark Blue	SK-J	Dark Blue	Exterior
SK-K	Dark Blue	SK-K	Dark Blue	Exterior
SK-L	Dark Blue	SK-L	Dark Blue	Exterior
SK-M	Dark Blue	SK-M	Dark Blue	Exterior
SK-N	Dark Blue	SK-N	Dark Blue	Exterior
SK-O1	Dark Blue	SK-O1	Dark Blue	Exterior
SK-O2	Dark Blue	SK-O2	Dark Blue	Exterior

Material	Manufacturer	Reference No.	Element	Colour to match
SK-P	Aluminum	SK-P	Aluminum	Exterior
SK-Q	Aluminum	SK-Q	Aluminum	Exterior
SK-R	Aluminum	SK-R	Aluminum	Exterior
SK-S	Aluminum	SK-S	Aluminum	Exterior
SK-T	Aluminum	SK-T	Aluminum	Exterior
SK-U	Aluminum	SK-U	Aluminum	Exterior
SK-V	Aluminum	SK-V	Aluminum	Exterior
SK-W	Aluminum	SK-W	Aluminum	Exterior
SK-X	Aluminum	SK-X	Aluminum	Exterior
SK-Y	Aluminum	SK-Y	Aluminum	Exterior
SK-Z	Aluminum	SK-Z	Aluminum	Exterior



ANTHEM
 FLEETWOOD
 1031 LEXINGTON AVENUE
 SURREY, BC CANADA
BUILDING 26 ELEVATIONS
 10328
 1100
 JUN 21, 2011
 4
A-2.262





SURREY FLEETWOOD NEIGHBOURHOOD



TOWNHOUSE CONCEPTUAL STUDY - ENTRY ELEVATION



TOWNHOUSE CONCEPTUAL STUDY - TYPICAL SIDE ELEVATION



EXISTING SITE - VIEW EAST ALONG 88TH AVENUE



PROPOSED TOWNHOMES - VIEW EAST ALONG 85TH AVENUE



INTEGRA ARCHITECTURE INC.
 416 WEST PENDER STREET
 VANCOUVER, BC V6C 2K7
 TEL: 604.686.4220 F: 604.686.4270
 info@integrarch.com
 www.integrarch.com

CONCEPTUAL PLAN

PROJECT NAME: ANTHEM
 PROJECT NO.: FLEETWOOD
 PROJECT ADDRESS: 16241 - 84TH AVENUE, SURREY, BC, CANADA

DATE: 2011
 DRAWING NO.: 4

DATE: 2011
 DRAWING NO.: 4

A-9.000

- 62711 9 ISSUED FOR DP3
- 572611 7 ISSUED FOR DP2
- 517111 6 MARKING AND SIGNAGE AND DP APPLICATION
- 330111 5 ISSUED FOR REVIEW
- 329111 4 ISSUED FOR REVIEW
- 325111 3 ISSUED FOR REVIEW
- 321111 2 ISSUED FOR REVIEW
- 218111 1 ISSUED FOR CONSTRUCTION

DATE: 01/11/2011
 PROJECT NO.: 1000000000
 SHEET NO.: L-1.0
 SCALE: 1:400

ANTHEM PROPERTIES

CLIENT: ANTHEM PROPERTIES

FLEETWOOD DEVELOPMENT

PROJECT TITLE: FLEETWOOD DEVELOPMENT

LANDSCAPE PLAN

DRAWING TITLE: LANDSCAPE PLAN

Project North: 

Drawn By: JM
 Checked By: MP
 Scale: 1:400
 Job No.: 10.066
 Sheet No.: L-1.0



NOTES:
 1. ALL PLANTINGS TO BE INSTALLED AT ALL PLANTING LOCATIONS TO BE INDICATED ON THIS PLAN.
 2. ALL PLANTINGS TO BE INSTALLED AT ALL PLANTING LOCATIONS TO BE INDICATED ON THIS PLAN.
 3. ALL PLANTINGS TO BE INSTALLED AT ALL PLANTING LOCATIONS TO BE INDICATED ON THIS PLAN.



Perry + Associates
 5482 302-555-8900 Avenue
 Wisconsin, E.C. 53182
 1000 North Washington
 1 800-258-8178
 info@perryandassociates.com

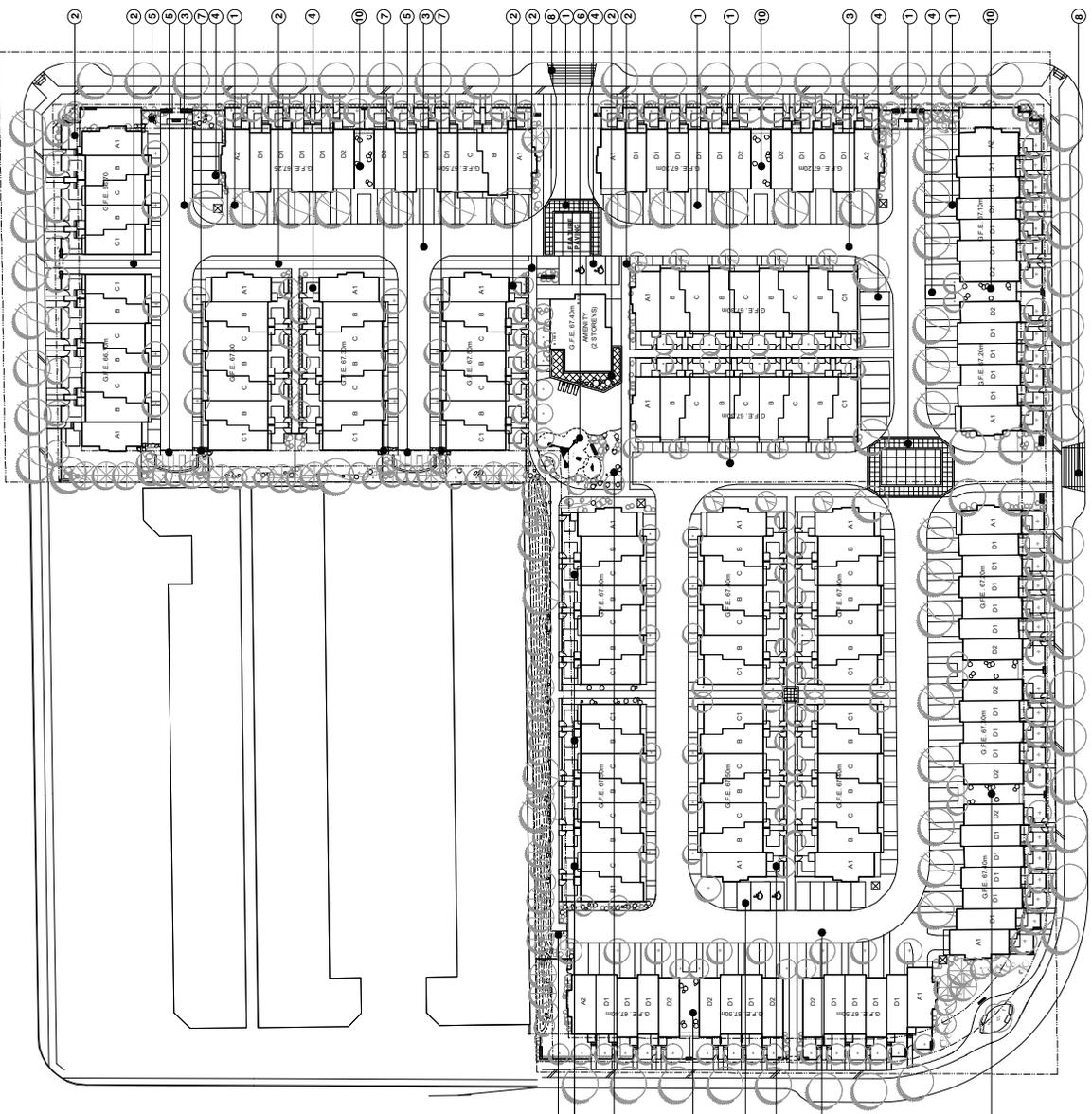
- 9 ISSUED FOR DP 3 6/27/11
- 8 ISSUED FOR DP 2 5/26/11
- 7 ISSUED FOR DP 1 5/17/11
- 6 ISSUED FOR REVISION 3/30/11
- 5 ISSUED FOR REVISION 3/29/11
- 4 ISSUED FOR REVISION 3/29/11
- 3 ISSUED FOR REVISION 3/29/11
- 2 ISSUED FOR REVISION 3/29/11
- 1 ISSUED FOR REVISION 2/18/11

Revision No. _____ Date _____
 Copyright reserved. All remain the property of R. Anthony & Associates, Inc. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of R. Anthony & Associates, Inc.
 Client: _____

Project Title: **FLEETWOOD DEVELOPMENT**

Drawing Title: **PAVING KEY PLAN**

Drawn By: JM
 Checked By: MP
 Scale: 1/4" = 1'-00"
 Job No.: 09-055
 Sheet No.: L-2.0



NO.	Detail	REMARKS
1	Concrete Paving Vehicle	Per my drawings, will have as per Civil Engineer Design. Stone will be 1/2" diameter. All aggregate shall be 1/2" max. size.
2	Concrete / Paving	100mm thick concrete, 100mm aggregate, and 100mm compacted base course.
3	Asphalt by Auto/Cut	Per my drawings, will have as per Civil Engineer Design. Stone will be 1/2" diameter. All aggregate shall be 1/2" max. size.
4	Permeable Paving	Permeable product to be determined per approval base course. Compact aggregate shall be 100mm. 100mm depth.
5	Stone Drape Retention Detail	100mm aggregate, 100mm compacted base course, 100mm depth.
6	Edge Soffit	100mm aggregate, 100mm compacted base course, 100mm depth.
7	Retention Stone	100mm aggregate, 100mm compacted base course, 100mm depth.
8	MANHOLE ANCHOR	Concrete (per Agency to MANHOLE), 100mm to 100mm.
9	Retention Basin and Swales	100mm aggregate, 100mm compacted base course, 100mm depth.
10	River Stone Strip/Paving	100mm aggregate, 100mm compacted base course, 100mm depth.

- 9 ISSUED FOR DP 3
- 8 ISSUED FOR DP 2
- 7 ISSUED FOR DP 1
- 6 APPROVED FOR PERMITS AND APPLICATION
- 5 ISSUED FOR REVIEW
- 4 ISSUED FOR REVIEW
- 3 ISSUED FOR REVIEW
- 2 ISSUED FOR REVIEW
- 1 ISSUED FOR PERMITS AND APPLICATION

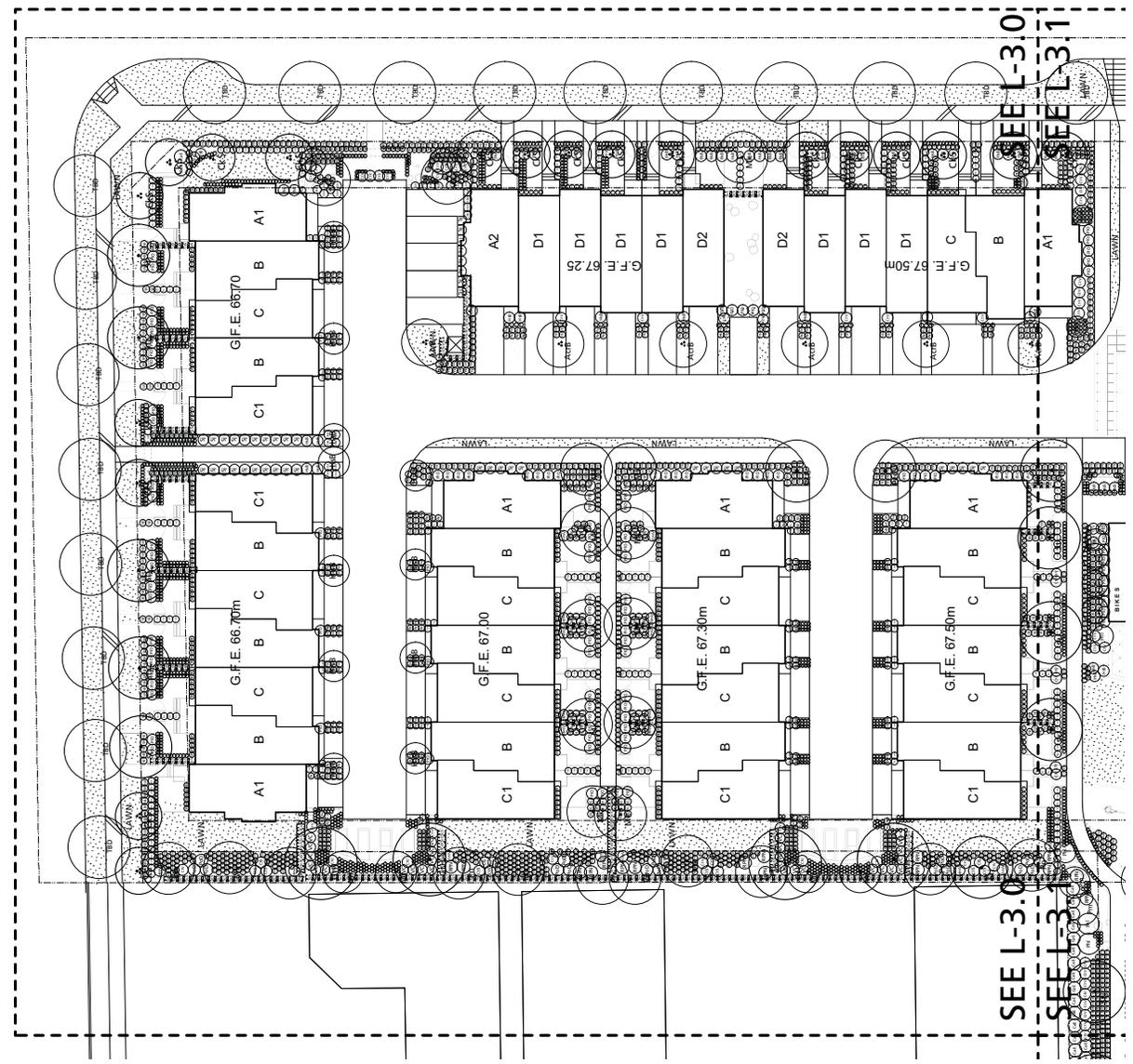
Revision No. _____ Date _____
 COMMENTS: (PLEASE LIST ALL CHANGES AND REVISIONS TO THIS DRAWING IN THIS COLUMN)
 THIS DRAWING IS THE PROPERTY OF P. & A. ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF P. & A. ASSOCIATES, INC.

ANTHEM PROPERTIES

Project Title: **FLEETWOOD DEVELOPMENT**

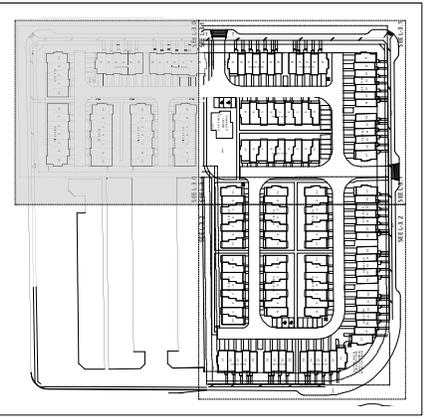
Drawing Title: **PLANTING PLAN**

Project No: _____
 Drawn By: JM
 Checked By: MP
 Scale: 1:200
 Job No.: 10-066
 Sheet No.: _____



Plant List	Commonwealth Name	Site Remarks
1) Tree
2) Tree
3) Tree
4) Tree
5) Tree
6) Tree
7) Tree
8) Tree
9) Tree
10) Tree
11) Tree
12) Tree
13) Tree
14) Tree
15) Tree
16) Tree
17) Tree
18) Tree
19) Tree
20) Tree
21) Tree
22) Tree
23) Tree
24) Tree
25) Tree
26) Tree
27) Tree
28) Tree
29) Tree
30) Tree
31) Tree
32) Tree
33) Tree
34) Tree
35) Tree
36) Tree
37) Tree
38) Tree
39) Tree
40) Tree
41) Tree
42) Tree
43) Tree
44) Tree
45) Tree
46) Tree
47) Tree
48) Tree
49) Tree
50) Tree
51) Tree
52) Tree
53) Tree
54) Tree
55) Tree
56) Tree
57) Tree
58) Tree
59) Tree
60) Tree
61) Tree
62) Tree
63) Tree
64) Tree
65) Tree
66) Tree
67) Tree
68) Tree
69) Tree
70) Tree
71) Tree
72) Tree
73) Tree
74) Tree
75) Tree
76) Tree
77) Tree
78) Tree
79) Tree
80) Tree
81) Tree
82) Tree
83) Tree
84) Tree
85) Tree
86) Tree
87) Tree
88) Tree
89) Tree
90) Tree
91) Tree
92) Tree
93) Tree
94) Tree
95) Tree
96) Tree
97) Tree
98) Tree
99) Tree
100) Tree

LOCATION PLAN



Revision No.	Date
9	ISSUED FOR DP 3
8	ISSUED FOR DP 2
7	ISSUED FOR BEGINNING AND DP APPLICATION
6	AND DP APPLICATION
5	ISSUED FOR REVIEW
4	ISSUED FOR REVIEW
3	ISSUED FOR REVIEW
2	ISSUED FOR REVIEW
1	COORDINATION

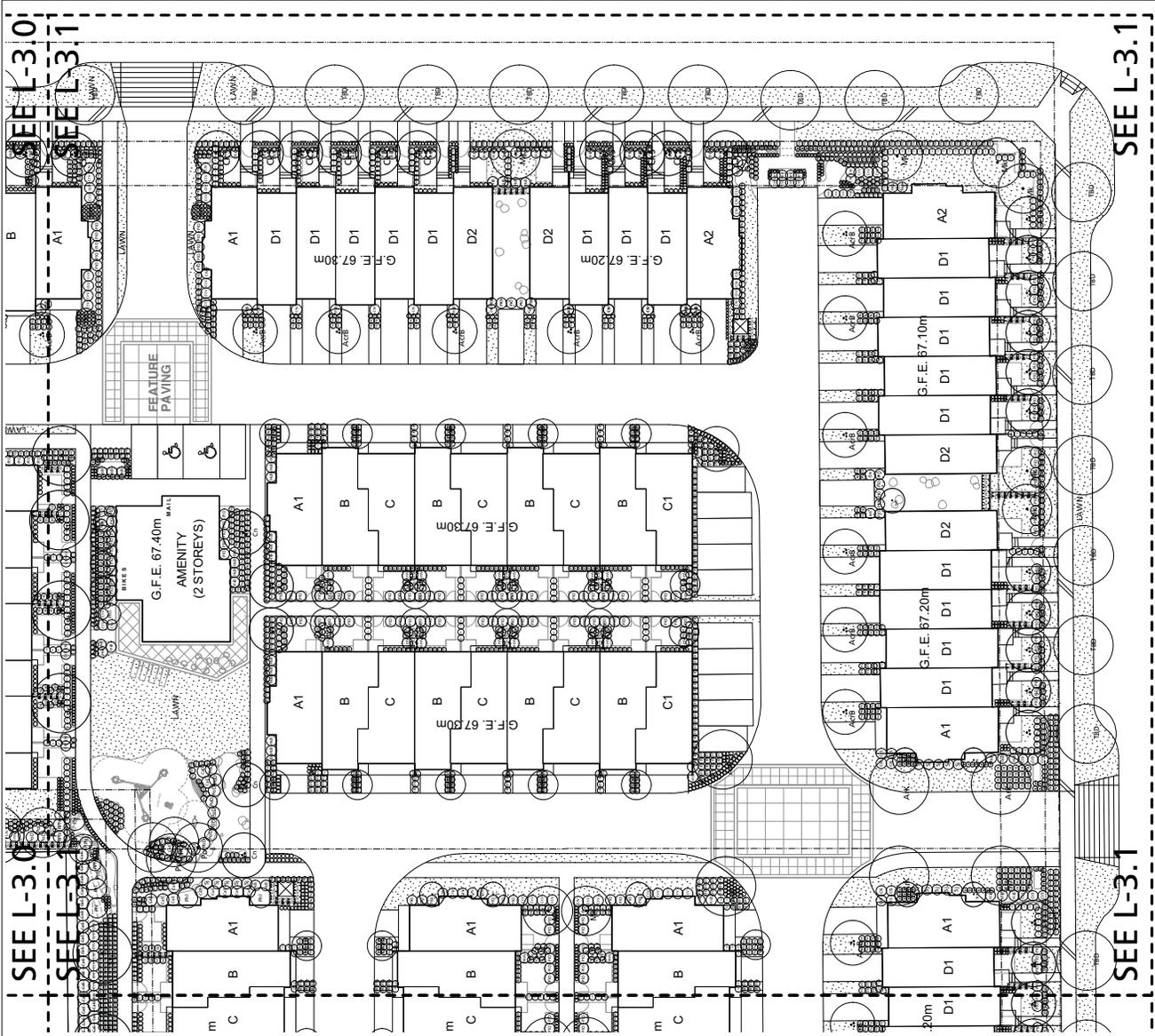
DATE: 11/11/11
 PROJECT NO: 11-0066
 SHEET NO: L-3.1

CLIENT: ANTHEM PROPERTIES

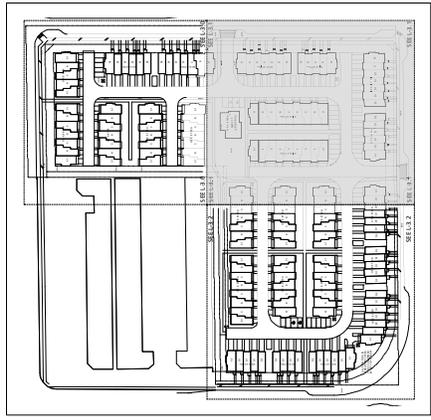
PROJECT TITLE: FLEETWOOD DEVELOPMENT

DRAWING TITLE: PLANTING PLAN

Project No.	11-0066
Drawn By	JM
Checked By	MP
Scale	1:200
Sheet No.	10-066



LOCATION PLAN





INTER-OFFICE MEMO

TO: **Manager, Area Planning & Development
- North Surrey Division
Planning and Development Department**

FROM: **Development Project Engineer, Engineering Department**

DATE: **July 5, 2011** PROJECT FILE: **7811-0079-00**

RE: **Engineering Requirements
Location: 16241 84 Ave**

OCP AMENDMENT/NCP AMENDMENT/ALR EXCLUSION

There are no engineering requirements relative to the OCP Amendment/NCP Amendment.

REZONE/SUBDIVISION***Property and Right-of-Way Requirements***

- Dedicate 1.942 metres on 162 Street for a total of 24.0 metres;
- Dedicate 9.942 metres on 163 Street for a total of 20.0 metres ;
- Dedicate 1.942 metres on 84 Avenue for a total of 24.0 metres;
- Dedicate 10.000 metres on 85 Avenue for a total of 20.0 metres;
- Dedicate 3.0m x 3.0m corner cut at the intersection of 163 Street and 84 Avenue;
- Dedicate 3.0m x 3.0m corner cut at the intersection of 163 Street and 85 Avenue; and
- Dedicate 48.0 metre radius curve at the intersection of 162 Street and 84 Avenue.

Works and Services

- Construct 84 Avenue to Major Collector standard;
- Construct 85 Avenue to Through Local standard;
- Construct 162 Street to Major Collector standard;
- Construct 163 Street to Through Local standard;
- Construct sanitary sewer main and watermain on 163 Street; and
- Construct storm sewer main on 162 Street, 163 Street and 84 Avenue.

A Servicing Agreement is required prior to Rezone/Subdivision.

DEVELOPMENT PERMIT

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

Bob Ambardar, P.Eng.
Development Project Engineer
HB



Monday, June 13, 2011
Planning

THE IMPACT ON SCHOOLS

APPLICATION #: 11 0079 00

SUMMARY

The proposed 166 townhouse units are estimated to have the following impact on the following schools:

Projected # of students for this development:

Elementary Students:	27
Secondary Students:	13

September 2010 Enrolment/School Capacity

Frost Road Elementary	
Enrolment (K/1-7):	69 K + 453
Capacity (K/1-7):	40 K + 450

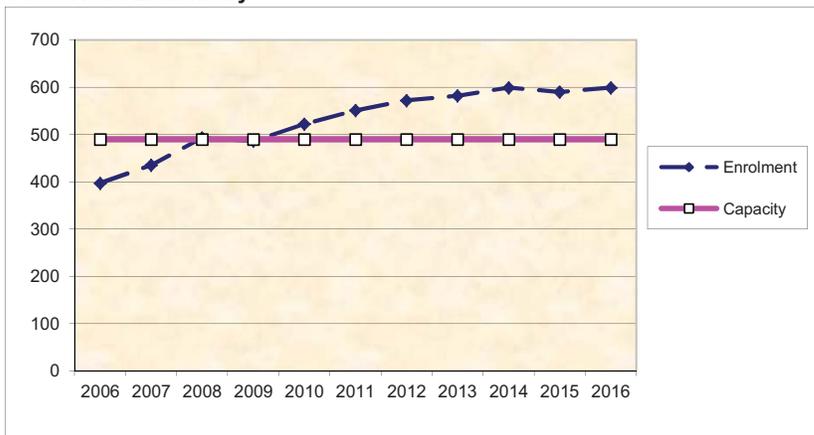
North Surrey Secondary	
Enrolment (8-12):	1528
Nominal Capacity (8-12):	1175
Functional Capacity*(8-12):	1269

School Enrolment Projections and Planning Update:

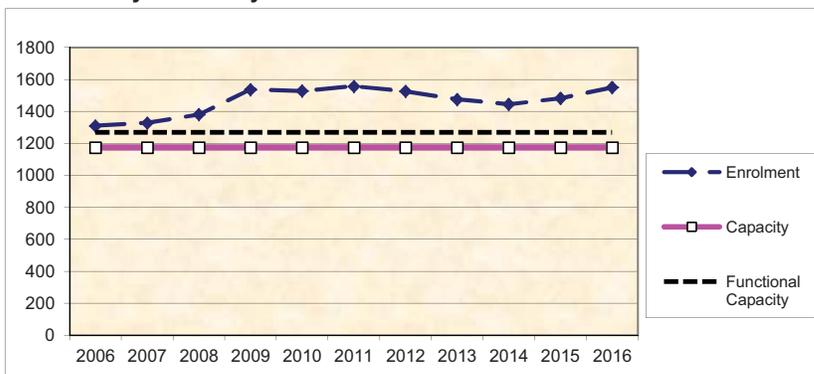
The following tables illustrate the enrolment projections (with current/approved ministry capacity) for the elementary and secondary schools serving the proposed development.

The elementary school capacity below is adjusted to full day K implementation (full day K implementation in 2011 will result in two modular classrooms added to Frost Road Elementary). There are no new capital space projects proposed at Frost Road Elementary and no new capital projects identified for North Surrey Secondary. The school district has a future secondary school planned in North Clayton Area (Site has been approved for acquisition and is in the land assembly stage but the proposed funding for a new secondary school is in year four (2013) in the five year capital plan). When completed the new Clayton North Area Secondary should reduce projected overcrowding at Lord Tweedsmuir Secondary, North Surrey Secondary and Clayton Heights Secondary.

Frost Road Elementary



North Surrey 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.



TREE PRESERVATION SUMMARY

Surrey Project No.: _____
 Project Location: 16211 7 16241 84th Ave., Surrey BC
 Registered Arborist: Trevor Cox, MCIP
 ISA Certified Arborist (PN1920A)
 Certified Tree Risk Assessor (43)
 BC Parks Wildlife and Danger Tree Assessor

Detailed Assessment of the existing trees of 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 of the Subject Site: Five and a half acre site with two industrial buildings and vast open areas. Protected sized pioneer species trees found within site.

2. Summary of Proposed Tree Removal and Placement:

The summary will be available before final adoption.

Number of Protected Trees Identified	16	(A)
Number of Protected Trees declared high risk due to natural causes	_____	(B)
Number of Protected Trees to be removed	16	(C)
Number of Protected Trees to be Retained (A-B-C)	0	(D)
Number of Replacement Trees Required (C-B) × 2 <i>6 alder/cottonwood at 1:1 and 10 trees at 2:1</i>	26	(E)
Number of Replacement Trees Proposed	50	(F)
Number of Replacement Trees in Deficit (E-F)	0	(G)
Total Number of Protected and Replacement Trees on Site (D+F)	50	(H)
Number of Lots Proposed in the Project - <i>Strata</i>	1	(I)
Average Number of Trees per Lot (H / I)	50	

3. Tree Survey and Preservation / Replacement Plan

Tree Survey and Preservation / Replacement Plan is attached _____

This plan will be available before final adoption _____

Summary prepared and
submitted by:

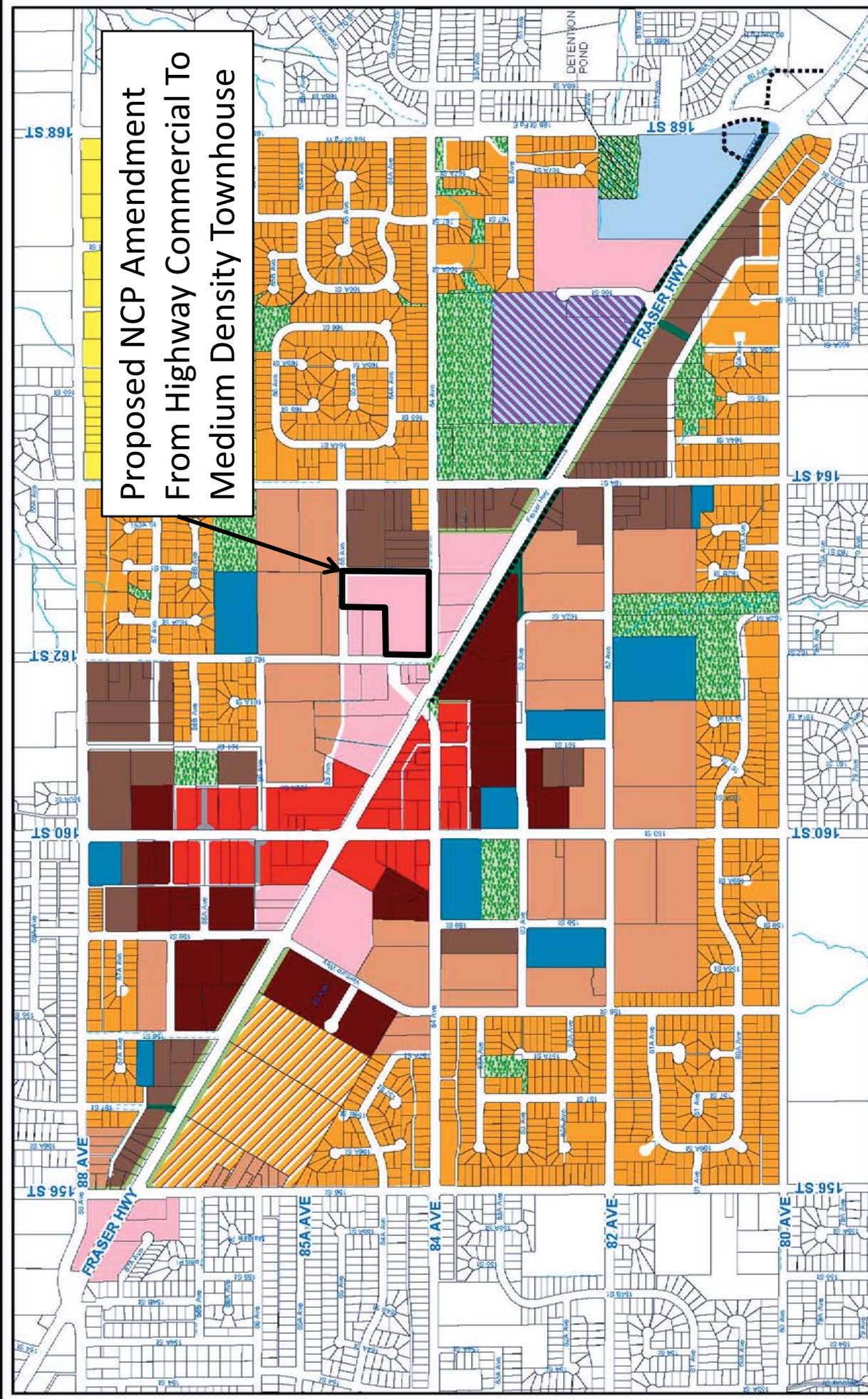
Arborist

January 20,
2010

Date



Proposed NCP Amendment
From Highway Commercial To
Medium Density Townhouse



- Institutional / Commercial
- Multiuse Corridor / Landscape Buffer
- Buffer Within Private Land

- Industrial
- Institutional
- Parks & Linear Corridors
- 4m Wide Paved Path

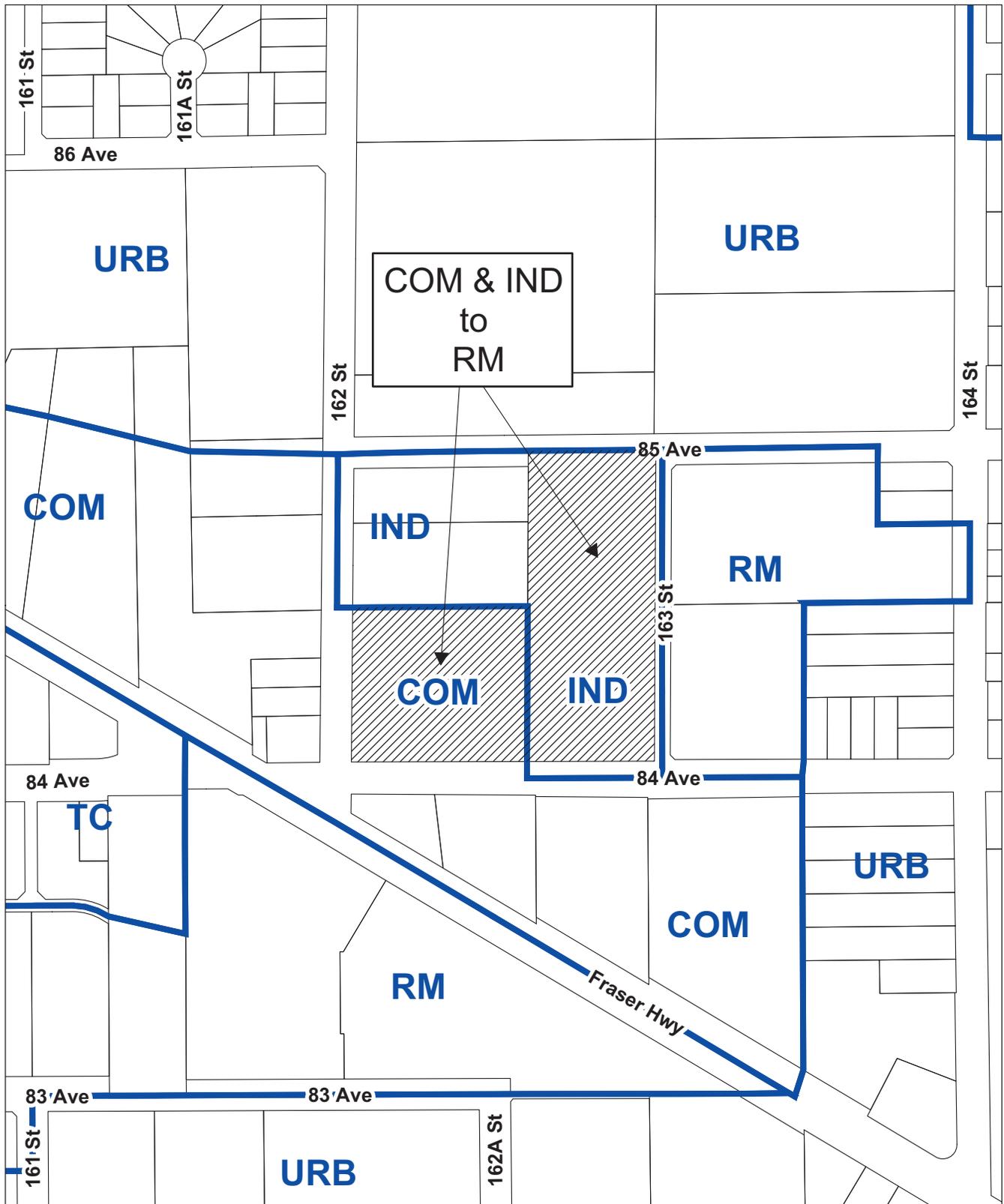
- Low Density Townhouses
- Single Family Urban
- Single Family Suburban
- Manufactured Homes

- Community Commercial
- Highway Commercial
- Apartments and/or High Density Townhouses
- Medium Density Townhouses

This map is provided as general reference only. The City of Surrey makes no warranties, express or implied, as to the fitness of the information for any purpose, or to the results obtained by individuals using the information and is not responsible for any action taken in reliance on the information contained herein.



FLEETWOOD TOWN CENTRE LAND USE PLAN



OCP Amendment

Proposed amendment from Commercial & Industrial to Multiple Residential



CITY OF SURREY

(the "City")

DEVELOPMENT VARIANCE PERMIT

NO.: 7911-0079-00

Issued To: ANTHEM FLEETWOOD 3 DEVELOPMENTS LTD.,
INC. NO. BC0902973

("the Owner")

Address of Owner: 16241 - 84 Avenue
Surrey, BC
V4N 1B3

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

Parcel Identifier: 003-657-922

Parcel "52" Section 25 Township 2 New Westminster District Reference Plan 65654

16241 - 84 Avenue

(the "Land")

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

Parcel Identifier:

- (b) If the civic address(es) change(s), the City Clerk is directed to insert the new civic address(es) for the Land, as follows:

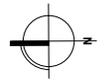
4. Surrey Zoning By-law, 1993, No. 12000, as amended is varied as follows:
 - (a) to reduce the minimum north front yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 85 Avenue;

- (b) to reduce the minimum north side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street);
 - (c) to reduce the minimum south rear yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 84 Avenue;
 - (d) to reduce the minimum east side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) measured to the building face from 163 Street;
 - (e) to reduce the minimum west side yard setback of the RM-30 Zone from 7.5 metres (25 ft.) to 6.0 metres (20 ft.) measured to the building face (from the shared lot line with 8462/68/84 – 162 Street);
 - (f) to reduce the minimum west side yard flanking street setback of the RM-30 Zone from 7.5 metres (25 ft.) to 4.5 metres (16 ft.) to the building face from 162 Street; and
 - (g) to vary the tandem parking requirements in the RM-30 Zone to allow one (1) tandem parking space to be unenclosed for 64 proposed units.
5. This development variance permit applies to only that portion of the buildings and structures on the Land shown on Schedule A which is attached hereto and forms part of this development variance permit. This development variance permit does not apply to additions to, or replacement of, any of the existing buildings shown on attached Schedule A, which is attached hereto and forms part of this development variance permit.
 6. The Land shall be developed strictly in accordance with the terms and conditions and provisions of this development variance permit.
 7. This development variance permit shall lapse if the Owner does not substantially start any construction within two (2) years after Development Permit No. 7911-0079-00 is issued.
 8. The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land.
 9. This development variance permit is not a building permit.

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

Mayor – Dianne L. Watts

City Clerk – Jane Sullivan



PROJECT NAME	FLEETWOOD
CLIENT	16241 84TH AVENUE SURVEY, BC, CANADA
DATE	1980
SCALE	1:300
DATE	JUN 27, 2011
DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	

A-1.001

Minimum 4.5 metre (15 ft.) setback along 85 Avenue

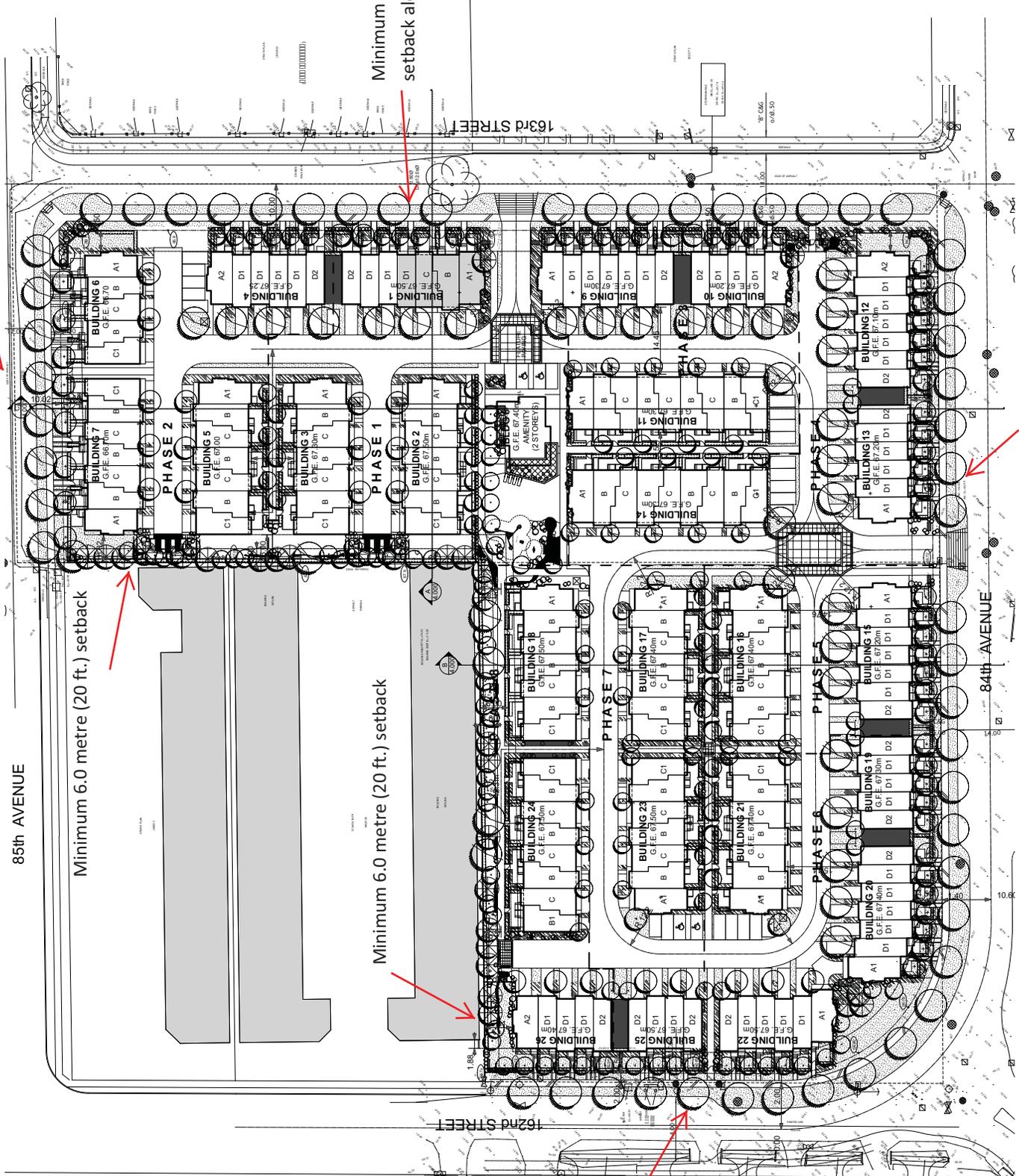
Minimum 6.0 metre (20 ft.) setback

Minimum 6.0 metre (20 ft.) setback

Minimum 4.5 metre (15 ft.) setback along 163 Street

Minimum 4.5 metre (15 ft.) setback along 162 Street

Minimum 4.5 metre (15 ft.) setback along 84 Avenue



SITE PLAN
Existing bldgs



- Existing on-street parking (east side of 164 Street)
- Future on-street parking (both sides)