

Development Permit Panel

Council Chambers, City Hall 6911 No. 3 Road Thursday, November 16, 2017 3:30 p.m.

MINUTES

Motion to adopt the minutes of the Development Permit Panel meeting held on October 25, 2017.

1. DEVELOPMENT PERMIT 17-774043

(REDMS No. 5498522)

APPLICANT: Anthem Properties Group Ltd.

PROPERTY LOCATION: 10475, 10491, 10511, 10531, 10551, 10571, 10591 and 10631

No. 5 Road

Director's Recommendations

That a Development Permit be issued which would:

- 1. permit the construction of 47 townhouse units at 10475, 10491, 10511, 10531, 10551, 10571, 10591 and 10631 No. 5 Road on a site zoned "Medium Density Townhouses (RTM3)"; and
- 2. vary the provisions of Richmond Zoning Bylaw 8500 to:
 - (a) reduce the front yard setback from 6.0 m to 4.5 m; and
 - (b) increase the number of small car parking stalls from 53 spaces to 54 spaces.

ITEM

2. **DEVELOPMENT PERMIT 15-708092**

(REDMS No. 5053675)

APPLICANT: 1004732 BC Ltd.

PROPERTY LOCATION: 6840, 6860 No. 3 Road and 8051 Anderson Road

Director's Recommendations

That a Development Permit be issued which would permit the construction of an 11-storey, 18,700 m² (201,292 ft²), mixed commercial and residential building at 6840, 6860 No. 3 Road and 8051 Anderson Road on a site zoned "City Centre High Density Mixed Use with Office (ZMU31) - Brighouse Village".

- 3. New Business
- 4. Date of Next Meeting: November 29, 2017

ADJOURNMENT





Time:

3:30 p.m.

Place:

Council Chambers

Richmond City Hall

Present:

Joe Erceg, Chair

Cathryn Volkering Carlile, General Manager, Community Services

Cecilia Achiam, General Manager, Community Safety

The meeting was called to order at 3:30 p.m.

Minutes

It was moved and seconded

That the minutes of the meeting of the Development Permit Panel held on October 11, 2017, be adopted.

CARRIED

1. Development Permit 16-754735

(REDMS No. 5544568)

APPLICANT:

1037533 BC Ltd.

PROPERTY LOCATION:

8620 Railway Avenue

INTENT OF PERMIT:

Permit the construction of 17 townhouses at 8620 Railway Avenue on a site zoned "Town Housing (ZT80) - Railway Avenue".

Applicant's Comments

Eric Law, Eric Law Architect, Inc., provided background information on the proposed development and highlighted the following:

- two-storey triplex buildings and three-storey buildings which step down to two storeys at the end units are proposed to address the surrounding single family neighbourhood;
- three affordable housing units and one convertible unit are proposed;
- the architectural character of the building cluster containing the three affordable units is consistent with the market units;
- durable and maintenance-free materials such as Hardie panel and siding/trim are proposed;
- the proposed colour scheme, primarily light with darker accents, will blend well with adjacent single family homes;
- vehicle access to the site is proposed from the existing east-west City lane off Railway Avenue, which will be widened and upgraded, and will connect to the proposed north-south internal drive aisle on the subject site;
- the north-south internal drive aisle has the potential to provide shared access to future developments to the north through a statutory right-of-way (ROW) to be registered on title; and
- the project aims to achieve an EnerGuide rating of 82 through its proposed sustainability features.

Denitsa Dimitrova, PMG Landscape Architects, briefed the Panel on the main landscaping features for the project, noting that: (i) proposed private outdoor spaces for each unit include either a landscaped front yard and balcony or a backyard with small patio, (ii) low stone post with aluminum rail fencing and entry gates for front yards are proposed for street-fronting units, (iii) an east-west pedestrian walkway is proposed between the two buildings along Railway Avenue, (iv) a six-foot wood fence at the east property line and a four-foot metal fence along the north property line are proposed to provide separation from adjacent properties and the walkway to the north, (v) the proposed outdoor amenity area incorporates natural play elements, bench seating, and bicycle racks, and (vi) two patterns of permeable pavers are proposed on the internal drive aisle to differentiate the proposed uses.

In response to a query from the Panel, Ms. Dimitrova confirmed that low shrub planting will be introduced between the bicycle racks and bench seating in the outdoor amenity area.

In response to queries from the Panel, Mr. Law acknowledged that (i) an accessible visitor parking stall will be provided in front of the convertible unit, (ii) the convertible unit will be provided with two side-by-side indoor parking spaces, (iii) parking stalls for the larger townhouse units will be constructed to accommodate future installation of electrical vehicle charging equipment and, (iv) windows overlooking the pedestrian walkway are proposed for units on both sides of the pedestrian walkway.

Staff Comments

Wayne Craig, Director, Development, noted that (i) two off-site mature trees will be retained including one along Railway Avenue, and (ii) there will be servicing agreements associated with the proposed development for frontage improvements along Railway Avenue, widening of the City lane to the south, and improvements on the existing walkway along the north edge of the site.

In response to a query from the Panel, Mr. Craig acknowledged that a two-meter dedication is required along the entire south property line of the subject site for the widening of the City lane to increase its width to six meters.

Gallery Comments

None.

Correspondence

Kyle Shurry, 9000-1200 West 73rd Avenue, Vancouver (Schedule 1)

Mr. Craig noted that on behalf of Richmond Hospital Foundation, Mr. Shurry expressed support for the project, especially for the statutory right-of-way (ROW) for public-right-of-passage to be registered across the proposed internal drive aisle for potential shared vehicle access to future developments to the north of the subject site.

Panel Discussion

The Panel expressed support for the proposed development, noting that the project is well-designed, and the proposed three affordable housing units exceed the standard provision.

Panel Decision

It was moved and seconded

That a Development Permit be issued which would permit the construction of 17 townhouses at 8620 Railway Avenue on a site zoned "Town Housing (ZT80) - Railway Avenue".

CARRIED

2. Development Variance 17-771661

(REDMS No. 5393224 v. 3)

APPLICANT:

Matthew Cheng Architect Inc.

PROPERTY LOCATION:

8480 No. 5 Road

INTENT OF PERMIT:

Vary the provisions of Richmond Zoning Bylaw 8500 to increase the maximum height for

buildings from 12m to 14.14m to permit the construction of a Buddhist Temple at 8480 No. 5 Road on a site zoned "Assembly (ASY)".

Applicant's Comments

Matthew Cheng, Matthew Cheng Architect, Inc., provided background information on the proposed development and highlighted the following:

- the subject site is a small parcel with an area of approximately 0.84 acres;
- the design and siting of the proposed Buddhist temple are intended to minimize visual conflict with the neighbouring Shia Muslim Community property;
- garbage and recycling area is located adjacent to the loading area at the northeast corner of the site to facilitate pick-ups;
- the project provides 74 parking spaces including two accessible parking stalls to be located in close proximity to the symmetrical accessible ramps leading to the main entrance of the building;
- railings for the accessible ramps will incorporate traditional Chinese motif;
- the perimeter of the site will be landscaped with trees and shrubs to provide buffering from adjacent properties;
- traditional Chinese Buddhist temple architecture is proposed for the two-storey wood building; however, the roof design was modified to minimize the massing of the building;
- a building height variance is proposed to achieve a modified version of the traditional Chinese temple roof design and the proposed variance is less than the other building height variances in the area;
- a customized sustainability checklist is proposed in lieu of LEED targets and will focus on HVAC and plumbing systems which aim to exceed existing minimum code requirements for energy efficiency; and
- proposed mechanical systems will be installed inside the building and exterior mechanical venting and intakes will be designed and screened to blend with the overall traditional Chinese architecture of the building.

Caelan Griffifths, PMG Landscape Architects, briefed the Panel on the main landscaping features for the proposed development, noting that (i) a naturalized traditional Buddhist garden is proposed at the building frontage facing No. 5 Road, (ii) the south and east property lines will be landscaped with a mixture of deciduous and coniferous trees to provide buffering to adjacent properties, and (iii) majority of existing off-site trees along the north side will be retained and protected from the adjacent paved parking area .

Staff Comments

Mr. Craig acknowledged support for the proposed building height variance, noting that (i) the proposed variance allows the traditional architectural form for a religious institution, (ii) there is no habitable space within the increased height area of the building, (iii) the Shia Muslim Community has reviewed the project and expressed no concern for the proposed height variance, and (iv) the extent of the proposed variance is less than the other variances granted to religious institutions along No. 5 Road.

Gallery Comments

None.

Correspondence

None.

Panel Discussion

The Panel expressed support for the project, noting that the proposed siting and orientation of the building address well the existing religious buildings in the area and the proposed parking areas are adequately landscaped and screened from adjacent properties.

Panel Decision

It was moved and seconded

That a Development Variance Permit be issued which would vary the provisions of Richmond Zoning Bylaw 8500 to increase the maximum height for buildings from 12m to 14.14m to permit the construction of a Buddhist Temple at 8480 No. 5 Road on a site zoned "Assembly (ASY)".

CARRIED

3. Development Permit 17-785221

(REDMS No. 5563572)

APPLICANT:

Arcus Consulting Ltd.

PROPERTY LOCATION:

10019 Granville Avenue

INTENT OF PERMIT:

- 1. Permit the construction of a licensed child care facility for a maximum of 88 children with an accessory residential caretaker unit at 10019 Granville Avenue on a site zoned "Child Care (ZR8)- McLennan"; and
- 2. Vary the provision of Richmond Zoning Bylaw 8500 to reduce the required minimum width of a landscape buffer from a property line abutting a road from 3.0m to 1.7m.

Applicant's Comments

Doug Massie, Arcus Consulting Ltd., provided a brief background of the proposed development and highlighted the following:

- the current owner purchased the subject property with an approved development permit for child care facility for 88 children;
- the previously approved form and character of the development will be maintained; however, changes to the site lay-out, including the removal of the right-out exit on No. 4 Road and different locations for the children's play area, are proposed;
- the removal of the vehicular exit on No. 4 Road will improve the programming for the playground spaces at the northern portion of the site;
- various classrooms and multi-purpose rooms are proposed for different age groups;
 and
- the residential character of the proposed development will be a welcome addition to the adjacent single-family neighbourhood.

In response to a query from the Panel, Mr. Massie acknowledged that the wastewater in the proposed septic tank system will be processed and pumped out.

In response to a query from the Panel, Mr. Craig confirmed that the accessory residential unit in the child care facility is intended for an employee or caretaker of the property.

Staff Comments

Mr. Craig noted that there is a Servicing Agreement associated with the project for frontage improvements along No. 4 Road and Granville Avenue and upgrade of the existing traffic signal at the No.4 Road and Granville Avenue intersection.

Mr. Craig further noted that the proposed child care facility must be licensed by the Vancouver Coastal Health (VCH) prior to operation. He added that VCH has been part of the review process for the project and will be further involved through the Building Permit application process.

Lastly, Mr. Craig advised that a localized landscape variance is proposed for a landscape width adjacent to the parking stalls close to the driveway on Granville Avenue and noted that while the landscaped width is reduced, the planting intensity will provide adequate screening for parking stalls.

Gallery Comments

None.

Correspondence

None.

Panel Discussion

The Panel expressed support for the project and looked forward to seeing the project built.

Panel Decision

It was moved and seconded

That a Development Permit be issued which would:

- 1. Permit the construction of a licensed child care facility for a maximum of 88 children with an accessory residential caretaker unit at 10019 Granville Avenue on a site zoned "Child Care (ZR8)- McLennan"; and
- 2. Vary the provision of Richmond Zoning Bylaw 8500 to reduce the required minimum width of a landscape buffer from a property line abutting a road from 3.0m to 1.7m.

CARRIED

4. GENERAL COMPLIANCE - REQUEST BY SIAN GROUP INVESTMENTS (0846930 BC LTD.) FOR A GENERAL COMPLIANCE RULING AT 9560 ALEXANDRA ROAD

(File Ref. No.: DP 15-700370) (REDMS No. 5573187 v. 3)

APPLICANT:

Sian Group Investments (0846930 BC Ltd.)

PROPERTY LOCATION:

9560 Alexandra Road

INTENT OF PERMIT:

That the attached plans involving changes to the design of the perimeter retaining wall and associated landscaping features along the western property boundary and adjacent to the east-west greenway at the north end of the subject site be considered to be in General Compliance with Development Permit (DP 15-700370).

Applicant's Comments

Rick Sian, Sian Group Investments, provided background information on the application by Sian Group Investments (0846930 BC Ltd.) for a General Compliance to Development Permit (DP 15-700370) at 9560 Alexandra Road.

Mr. Sian indicated the revised landscape treatment along the west edge of the site responds to the grade changes on the city park to the west in keeping with the original development permit.

Gallery Comments

None.

Co	rres	pond	ence
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None.

Panel Decision

It was moved and seconded

That the attached plans involving changes to the design of the perimeter retaining wall and associated landscaping features along the western property boundary and adjacent to the east-west greenway at the north end of the subject site be considered to be in General Compliance with Development Permit (DP 15-700370).

CARRIED

- 5. Date of Next Meeting: November 16, 2017
- 6. Adjournment

It was moved and seconded That the meeting be adjourned at 4:21 p.m.

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Development Permit Panel of the Council of the City of Richmond held on Wednesday, October 25, 2017.

Joe Erceg	Rustico Agawin
Chair	Auxiliary Committee Clerk

Schedule 1 to the Minutes of the Development Permit Panel meeting held on Wednesday, October 25, 2017.

ON TABLE ITEM

Date: OCTOBER 25 2017

Meeting: DPP

Item: #/

Jesson, Claudia

From:

Weber, David

Sent:

Tuesday, 24 October 2017 14:58

To:

Jesson, Claudia

Subject:

FW: DP 16-754735 - 8620 Railway Avenue

FOR DPP

From: Kyle Shury [mailto:kyle@platformproperties.ca]

Sent: Tuesday, 24 October 2017 2:45 PM

To: Craig, Wayne; Lussier, Cynthia

Cc: Weber, David; 'Natalie Meixner'; 'Rima Warchol' **Subject:** DP 16-754735 - 8620 Railway Avenue

Hi Wayne & Cynthia, I am writing today on behalf of the Richmond Hospital Foundation (RHF) with respect to the above referenced DP. I have just finished reviewing your report to the panel and wanted to share our support for the proposal and the applicant's submission. As you are aware our primary concern has been to ensure future connectivity between the subject property and the two properties to the north owned by the RHF, and suitable access to Railway Avenue via the planned SRW to be placed on the subject property. I note on page 6 of your report the following staff comment:

-A single vehicle access to the site is proposed from the east-west City-owned lane off Railway Avenue, which is required to be widened to a total of 6.0 m as part of this redevelopment proposal. The internal drive-aisle on the subject site, which extends north from the lane, has the potential to provide shared access to future developments to the north by means of a Statutory Right-of-Way (SRW) for public-right-of-passage (PROP), which must be registered on title prior to final adoption of the rezoning bylaw.

We just want to ensure that the SRW is secured as part of the rezoning considerations and will be included as part of the final approvals for this development. With the SRW in place the RHF is supportive of this development proceeding.

I did not have David Weber's email on file but presume my guess above may work but please ensure a copy of this email is provided to him in case my assumptions were incorrect. Lastly, if one of you could kindly acknowledge receipt of this email and that it will be included in correspondence shared tomorrow that would be appreciated.

Thank you in advance for your assistance,

Kyle Shury: Principal

plat:form

Platform Properties Ltd. 900 – 1200 West 73rd Avenue Vancouver BC V6P 6G5 Canada

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platformproperties.ca





Report to Development Permit Panel

To:

Development Permit Panel

Date:

October 24, 2017

From:

Re:

Wavne Craig

File:

DP 17-774043

Director, Development

Director, Developmen

Application by Anthem Properties Group Ltd. for a Development Permit at 10475,

10491, 10511, 10531, 10551, 10571, 10591 and 10631 No. 5 Road

Staff Recommendation

That a Development Permit be issued which would:

- 1. Permit the construction of 47 townhouse units at 10475, 10491, 10511, 10531, 10551, 10571, 10591 and 10631 No. 5 Road on a site zoned "Medium Density Townhouses (RTM3)"; and
- 2. Vary the provisions of Richmond Zoning Bylaw 8500 to:
 - a) Reduce the front yard setback from 6.0 m to 4.5 m; and
 - b) Increase the number of small car parking stalls from 53 spaces to 54 spaces.

Waxne Craig Director, Development

(604-247-4625)

EL:blg

Att. 2

Staff Report

Origin

Anthem Properties Group Ltd. has applied to the City of Richmond for permission to develop 47 townhouse units at 10475, 10491, 10511, 10531, 10551, 10571, 10591 and 10631 No. 5 Road. Two out of the 47 townhouse units are proposed to each contain a ground-level secondary suite. The site is being rezoned from "Single Detached (RS1/E)" zone to "Medium Density Townhouses (RTM3)" zone for this project under Bylaw 9687 (RZ 16-726337), which received third reading following the Public Hearing on May 15, 2017. The properties currently contain eight single-family dwellings, which will be demolished.

Frontage improvements were secured through the rezoning process and will be constructed through a separate Servicing Agreement (SA 17-774567). The Servicing Agreement must be entered into prior to final adoption of the rezoning bylaw. Works include, but are not limited to: frontage beautification, re-orientation of the crosswalk at the intersection of No. 5 Road and the access road to the Gardens development (to the east across No. 5 Road), installation of a new fire hydrant on the west side of No. 5 Road and storm sewer upgrade.

Development Information

Please refer to the attached Development Application Data Sheet (Attachment 1) for a comparison of the proposed development data with the relevant bylaw requirements.

Background

Development surrounding the subject site is as follows:

- To the north, single-family homes zoned "Single Detached (RS1/E)", which are designated for townhouse development under the Arterial Road Land Use Policy.
- To the east, across No. 5 Road, a City-owned property located in the Agriculture Land Reserve (ALR) and zoned "Assembly (ASY)" and "Agriculture and Botanical Show Garden (ZA3) Fantasy Gardens" for future day care centre and park uses.
- To the south, a 21-unit townhouse complex on a lot zoned "Low Density Townhouses (RTL4)".
- To the west, across an existing 6.0 m wide city lane, single-family homes on large lots zoned "Single Detached (RS1/E)", fronting on to Seamount Road.

Rezoning and Public Hearing Results

The Public Hearing for the rezoning of this site was held on May 15, 2017. 13 written submissions and one submission from the floor in support of the proposal were presented to Council. No other concerns regarding the rezoning were expressed at the Public Hearing.

Staff Comments

The proposed scheme attached to this report has satisfactorily addressed the significant urban design issues and other staff comments identified as part of the review of the subject Development Permit application. In addition, it complies with the intent of the applicable sections of the Official Community Plan (OCP) and is generally in compliance with the "Medium Density Townhouses (RTM3)" zone except for the zoning variances noted below.

Zoning Compliance/Variances (staff comments in **bold**)

The applicant requests to vary the provisions of Richmond Zoning Bylaw 8500 to:

1) Reduce the front yard setback from 6.0 m to 4.5 m.

(Staff supports the proposed variance as the required road dedication (approximately 0.5 m wide) along the entire No. 5 Road frontage and the retention of a grove of five large Douglas Fir trees on the southeast portion of the site limit the developable area of the site; a small front yard setback variance is needed to accommodate the required drive aisle width and parking stalls. To enhance liveability, all units fronting onto No. 5 Road are end units, having yard spaces facing No. 5 Road and the internal mews. The two northernmost buildings are set back 5.5 m from the new property line to provide a more appropriate interface with the adjacent property to the north. The outdoor amenity space is also significantly larger (i.e., 37%) than the minimum requirement. This variance request was identified at Rezoning stage, and no concerns were identified at that time).

2) Increase the number of small car parking stalls from 53 spaces to 54 spaces.

(Staff supports the proposed variance because two small car parking stalls are assigned to the secondary suites and the locations of these small car parking stalls are in close proximity to the associated secondary suites. The smaller parking stall dimensions also allow for better landscape opportunities between the surface parking stalls and the adjacent residential units).

Advisory Design Panel Comments

The Advisory Design Panel has reviewed and supported the project. A copy of the relevant excerpt from the Advisory Design Panel Minutes from Wednesday August 2, 2017 is attached for reference (Attachment 2). The design response from the applicant has been included immediately following the specific Design Panel comments and is identified in 'bold italics'.

Analysis

Conditions of Adjacency

- The proposed development incorporates seven three-storey fourplex buildings that directly front onto No. 5 Road and eight two-storey duplex and triplex buildings along the west edge of the site. This provides a transition to existing single-family homes across the lane to the west.
- Taking into account the existing 6 m wide lane to the west, the proposed two-storey duplex and triplex buildings on the west side of the internal drive aisle will be located approximately 10.5 m from the rear property lines of the adjacent single-family properties to the west. This physical separation should mitigate potential overlook, privacy and shadowing impacts to adjacent single-family homes to the west.

- A 1.5 m (5 ft.) high wood fence to be constructed on top of a retaining wall ranging in height from 0.66 m (2 ft.) to 0.89 m (3 ft.) is proposed along the rear (west) property line to address concerns raised by the residents in the adjacent single-family neighbourhood regarding potential trespassing between the proposed townhouse development and the single-family neighbourhood. No physical access to the proposed townhouse development from the rear lane is proposed.
- Adjacent properties to the north have future potential for redevelopment as townhouses, and the proposed development will not reduce this potential. A development concept plan for these lands has been prepared and is on file. A statutory right-of-way (SRW) allowing access to/from the adjacent future development sites through the subject site (over the internal drive aisle) has been secured at rezoning.
- To provide a buffer between the proposed townhouse development (i.e., the last building cluster along the north property line) and the existing single family home to the north, the applicant is proposing (from south to north) private outdoor areas with trees, a row of Evergreen Yew hedge, a pedestrian walkway connecting the central drive aisle to No. 5 Road, a row of Evergreen Cedar hedge, and a 1.8 m tall solid wood fence.
- Perimeter drainage will be required as part of the Building Permit to ensure storm water is managed and addressed through the development and will not impact the neighbouring properties.

Urban Design and Site Planning

- The site layout includes 19 two-storey units and 28 three-storey units in 15 buildings.
- Two of the three-storey townhouse units in Buildings 10 and 11 (i.e. Units B4) will each contain a 1-bedroom ground-level secondary suite of approximately 30 m² (320.69 ft²) in size and will each be assigned an on-site surface parking space located across from the unit.
- The three-storey townhouses are arranged in small four unit blocks, with the ends of the blocks facing No. 5 Road.
- Units along No. 5 Road are designed to have a strong street presence with individual front entrances and yards. Low planting and permeable fencing will create semi-private spaces for those units and a pedestrian-oriented streetscape along No. 5 Road.
- The two-storey townhomes are arranged as duplexes and triplexes along the western portion of the site to serve as a transition to the existing single family neighbourhood west of the lane. The low profile of the duplex form is complementary in scale and character to the single family homes.
- Vehicle access will be provided by a single driveway access to No. 5 Road, and four separate common pedestrian accesses will also be provided in addition to paths to individual front entries along No. 5 Road.
- All units will have two vehicle parking spaces in a side-by-side double car garage. An additional surface parking stall will be assigned to each of the secondary dwelling units.
- A total of 10 visitor parking spaces, including three accessible visitor parking spaces, will be provided throughout the site. The number of visitor parking spaces proposed is in compliance with the minimum bylaw requirement.
- Both internal and external bicycle parking spaces have been incorporated into the proposal and are in compliance with the zoning bylaw requirements.

- Required on-site outdoor amenity space is proposed at the southeast corner of the site, where five protected trees will be retained. The proposed size of the outdoor amenity space exceeds the minimum area recommended by the Development Permit Guidelines. A mailbox kiosk will be provided within the outdoor amenity area.
- The required garbage, recycling and organic waste storage enclosures are proposed along the north-south drive aisle. The enclosures have been incorporated into the design of Building #9 and Building #13 to minimize their visual impact. The proposed locations will also be convenient to all of the units.

Architectural Form and Character

- The design of this project follows the West Coast tradition of simple forms and clean lines. The
 style of architecture is characterized by planar and mass elements, use of natural materials and
 the use of glass to connect indoor and outdoor spaces.
- Expansive roof overhang creates a sense of shelter and defines the entries to the townhouse units.
- Stepping in building form is achieved by changes in roof plane and massing elements.
- The strong architecture creates an effective street wall along No. 5 Road, which fits well with the local context such as the neighbouring "Gardens" project to the east across No. 5 Road, which features flat roof and vertical wall elements.
- Cladding and finishes (composite cement siding, hardie-plank and hardie-panel) are appropriate for the contemporary design of the project.

Landscape Design and Open Space Design

- Tree preservation was reviewed at rezoning stage, and seven bylaw-sized trees will be protected
 and retained on-site. To ensure the protected trees will not be damaged during construction, tree
 protection fencing must be installed to City standards prior to any construction activities
 occurring on-site.
- Prior to Development Permit Issuance, submission to the City of a Tree Survival Security as
 part of the Landscape Letter of Credit is required. No Landscape Letter of Credit will be
 returned until the post-construction assessment report, prepared by the Arborist, confirming the
 protected trees survived the construction, is reviewed by staff.
- Based on the 2:1 tree replacement ratio goal stated in the Official Community Plan (OCP),
 98 replacement trees are required for the removal of 49 trees. The applicant is proposing to plant 115 new trees on-site, including 21 conifers and 94 deciduous trees.
- An agricultural landscape buffer is required within the subject site, along the eastern edge of the No. 5 Road frontage. The buffer is intended to mitigate land use conflicts between the residential uses on the subject site and any agricultural land uses east of No. 5 Road. The Agricultural Advisory Committee (AAC) has reviewed and supported the proposed agricultural landscape buffer design on May 24, 2016.
- The street edge along No. 5 Road has been well defined with landscaping. The fence line and tree plantings have been articulated with deciduous and Evergreen trees to generate interest and provide rhythm along the streetscape.
- Along the rear lane, the combination of retaining wall, fence and varied tree canopies will provide buffering between the proposed new buildings and the adjacent single family lots to the

- west. The tree canopies are generated by the use of multiple Evergreen and deciduous species of trees.
- The internal roads have canopy trees added between blocks of buildings to provide vertical green to soften the internal streetscape.
- All the pedestrian mews will be lined with canopy trees to provide appropriate scale and mitigate potential overlook from the adjacent units.
- Each unit will have a private yard with tree/shrub/groundcover planting, hard surface patio, and a lawn area.
- Hedges, an assortment of shrubs and ground covers, and perennials and grasses have been selected to ensure the landscape treatment remains interesting throughout the year.
- The required on-site outdoor amenity area will be provided at the southeast edge of the site; with a program that includes a grove of existing trees, children's play area, outdoor seating, Public Art, ping pong and open lawn area. The public art piece to be installed on site will be secured through the City's Public Art Program.
- Decorative paving will be used to highlight road transitions at the site entrance and to identify a pedestrian route and crossings along the main north-south drive aisle.
- In order to ensure that the proposed landscaping works are completed, the applicant is required to provide a landscape security of \$318,723.16 in association with the Development Permit.
- Indoor amenity space is not proposed on-site. An \$83,000 cash-in-lieu contribution has been secured as a condition of rezoning approval, consistent with the OCP.

Crime Prevention Through Environmental Design

- The architect advised that the following CPTED design/features are incorporated into the proposal:
 - o Site lighting and clear sight lines provide unobstructed views of surrounding area.
 - o Plantings near residential entries are low to maximize views and casual surveillance opportunities of common areas.
 - o Entrances along the communal pathways are visible and encourage "eyes on the street".
 - Amenity area, as well as vehicle access and pedestrian access, are all easily visible from the courtyards and within the townhomes.
 - Communal pathways and amenity area are open and easily seen from both the greater neighborhood and development.

Sustainability

- At rezoning stage, the applicant committed to achieving an EnerGuide rating of 82 for the proposed town houses and to pre-ducting all units for solar hot water heating.
- A Certified Energy Advisor has confirmed that the proposed townhouse units will be designed
 to achieve an EnerGuide rating of 82. The report prepared by the Energy Advisor is on file and
 will be utilized through the Building Permit review process to ensure these measures are
 incorporated in the Permit drawings.
- The developer also advises that 47 electric car charging stations (one per garage) will be incorporated into the development.

Accessible Housing

- The proposed development includes five convertible units that are designed with the potential to be easily renovated to accommodate a future resident in a wheelchair. The potential conversion of these units will require installation of a vertical lift in the stacked storage space (which has been dimensioned to allow for this in the A6 units) in the future, if needed.
- All of the proposed units incorporate aging in place features to accommodate mobility constraints associated with aging. These features include:
 - o Stairwell hand rails.
 - o Lever-type handles for plumbing fixtures and door handles.
 - o Solid blocking in washroom walls to facilitate future grab bar installation beside toilets, bathtubs and showers.

Conclusions

The applicant has satisfactorily addressed staff's comments regarding conditions of adjacency, site planning and urban design, architectural form and character, and landscape design. The applicant has presented a development that fits into the existing context. On this basis, staff recommend support of this Development Permit application.

Edwin Lee Planner 1 (604-276-4121)

EL:blg

Attachment 1: Development Application Data Sheet

Attachment 2: Excerpt from Advisory Design Panel Meeting Minutes (August 2, 2017)

The following are to be met prior to forwarding this application to Council for approval:

- Receipt of a Letter-of-Credit for landscaping and tree survival Security in the amount of \$318,723.16. Prior to future Building Permit issuance, the developer is required to complete the following:
- Installation of appropriate tree protection fencing around all hedges to be retained as part of the development prior to any construction activities, including building demolition, occurring on-site.
- Incorporation of energy efficiency, CPTED, sustainability, and accessibility measures in Building Permit (BP) plans as determined via the Rezoning and/or Development Permit processes.
- If applicable, payment of latecomer agreement charges, plus applicable interest associated with eligible latecomer works.
- The applicant is required to obtain a Building Permit for any construction hoarding associated with the proposed development. If construction hoarding is required to temporarily occupy a street, or any part thereof, or occupy the air space above a street or any part thereof, additional City approvals and associated fees may be required as part of the Building Permit. For further information on the Building Permit, please contact Building Approvals Department at 604-276-4285.
- Submission of a construction traffic and parking management plan to the satisfaction of the City's Transportation Department (http://www.richmond.ca/services/ttp/special.htm).



Development Application Data Sheet

Development Applications Department

DP 17-774043 Attachment 1

Address: 10475, 10491, 10511, 10531, 10551, 10571, 10591 and 10631 No. 5 Road

Applicant: Anthem Properties Group Ltd. Owner: Anthem 5 Road Developments Ltd.

Planning Area(s): Shellmont

Floor Area Gross: 8,674.59 m² Floor Area Net: 6,465.86 m²

	Existing	Proposed
Site Area:	9,814.6 m ²	9,727.40 m ²
Land Uses:	Single-Family Residential	Multiple-Family Residential
OCP Designation:	Low-Density Residential	No Change
Zoning:	Single Detached (RS1/E)	Low Density Townhouses (RTM3)
Number of Units:	. 8	47 townhouse units + 2 secondary suites

	Bylaw Requirement	Proposed	Variance
Floor Area Ratio:	Max. 0.70	0.66	none permitted
Lot Coverage – Building:	Max. 40%	37%	none
Lot Coverage – Non-porous Surfaces:	Max. 65%	61%	none
Lot Coverage – Landscaping:	Min. 25%	28%	none
Setback – Front Yard (m):	Min. 6.0 m	4.5 m Min.	variance required
Setback - North Side Yard (m):	Min. 3.0 m	3.3 m	none
Setback – South Side Yard (m):	Min. 3.0 m	3.8 m	none
Setback – Rear Yard (m):	Min. 3.0 m	4.5 m	none
Height (m):	Max. 12.0 m (3 storeys)	 10.23 m (3 storeys) along No. 5 Road 7.58 m (2 storeys) along west property line 	none
Lot Width:	Min. 50.0 m 174.32 m		none
Lot Depth:	Min. 30.0 m 56.34 m		none
Site Area: Min. 1,800 n		9,727.40 m ²	none

Off-street Parking Spaces – Regular (R) / Visitor (V):	2 (R) and 0.2 (V) per unit plus (1) R per secondary suite on lot fronting an arterial road	2 (R) and 0.21 (V) per unit plus (1) R per secondary suite	none
Off-street Parking Spaces - Total:	96 (R) and 10 (V)	96 (R) and 10 (V)	none
Tandem Parking Spaces:	Max. 50% of proposed residential spaces in enclosed garages (96 x Max. 50% = 48)		none
Small Car Parking Spaces	Max. 50% when 31 or more spaces are provided on site (106 x Max. 50% = 53)	54	variance required
Handicap Parking Spaces:	Min: 2% when 11 or more spaces are required (106 x 2% = 3 spaces)	3 spaces	none
Bicycle Parking Spaces – Class 1 / Class 2:	1.25 (Class 1) and 0.2 (Class 2) per unit	1.4 (Class 1) and 0.21 (Class 2) per unit	none
Off-street Parking Spaces – Total:	59 (Class 1) and 10 (Class 2)	66 (Class 1) and 10 (Class 2)	none
Amenity Space – Indoor:	Min. 70 m² or Cash-in- lieu	Cash-in-lieu	none
Amenity Space – Outdoor:	Min. 6 m ² x 47 units = 282 m ²	387 m²	none

Excerpt from the Minutes from The Design Panel Meeting

Wednesday, August 2, 2017 – 4:00 p.m. Rm. M.1.003 Richmond City Hall

1. DP 17-774043 - 47-UNIT TWO AND THREE-STOREY TOWNHOUSE DEVELOPMENT

ARCHITECT:

Integra Architecture Inc.

PROPERTY LOCATION:

10475, 10491, 10511, 10531, 10551, 10571, 10591 and

10631 No. 5 Road

Applicant's Presentation

Shamus Sachs, Integra Architecture Inc., Mary Chan Yip, PMG Landscape Architects, and Barbara Meihuizen, Domus Home Energy Inc., presented the project and answered queries from the Panel.

Panel Discussion

Comments from the Panel were as follows:

 appreciate the package of materials and presentation of the project by the design team;

noted

consistent building setbacks from the front property line is not a concern; strong architecture creates a nice street wall along No. 5 Road which fits well with the site context as it relates well with the neighbouring Gardens project with flat and vertical building walls;

noted

 appreciate the proposed colours and good quality of building materials; no need for variation of the buildings;

noted

- appreciate the trees on the outdoor amenity area; overall, the outdoor amenity area is an inviting place for residents; lighting on trees at night will provide more interest;
 noted
- location of visitor and bicycle parking stalls may crowd the outdoor amenity area; however, there is no suitable alternate location for the proposed parking stalls on site; support the proposed location of mail kiosks as they are potential gathering places for residents;

noted

- potential headlight glares onto No. 5 Road is not a concern as vehicle headlights on the drive aisle are mostly directed onto the townhouse garages;
 noted
- shrubs between the garage aprons could be a concern in terms of their survivability; Shrubs between garage aprons can be a challenge with poor drivers, however, for the majority, it is not an issue. We typically have a small landscape strip between driveways to break up the expanse of pavement and allow some variation along the internal roads. All of these homes have side by side garages so it is easier for a driver to manoeuver into the garage than the tandem conditions. Although, we cannot get a tree in these locations, shrubs do provide scale.
- no concern on the secondary suites;
 noted
- commend the applicant for the architecture and significant retention of trees on site;
 noted
- appreciate the proposed public art for the project; applicant is encouraged to investigate further opportunities for incorporating public art in other locations on site;
 The most impact for public art will be in the outdoor amenity space.
- consider differentiating the buildings at the entry to the site and at the corners of the site in terms of variation in architecture and landscaping;
 We feel there is already significant variation along the street, both in landscaping and architecture.
- appreciate the applicant providing ten percent of townhouse units as convertible units;
 noted
- consider alternate vertical access for the convertible units as the proposed pneumatic vacuum elevator's maximum lift capacity and footprint of tube floor space is limited to accommodate a passenger in wheelchair with a companion; also consider providing space for installing hydraulics;
 - The convertible units will accommodate both hydraulic and pneumatic elevators.
- proposed kitchen layout for the convertible units works well; however, consider continuous counter space to connect the kitchen, sink and refrigerator areas for the convenience and safety of residents; also consider installing a wall oven or countertop range to enhance safety;
 - The proposed kitchen layout works well for the adaptable units.
- consider installing electrical outlets on counter fronts of convertible units;
 Electrical outlets will not be installed in counter fronts.
- door sill ramps are proposed to access the balcony/patio from the dining area of convertible units; consider the door sill mounted flush subject to the location of the baseboard heaters;
 - It is not possible to achieve flush sills with our slab on grade condition.
- commend the applicant for the comprehensive materials package provided to the Panel;

noted

- reduced setback of the two-storey townhouses from the single-family housing to the
 west of the subject site is not a concern; the proposed landscape treatments at grade
 presents a buffer and visual softening between the proposed and existing roof lines;
 noted
- street frontage along No. 5 Road is handled nicely with the landscaping treatment; consider a little variation on the retaining walls and trees to be planted; alignment of buildings along the east frontage is not an issue;
 - Retaining wall along No 5 Road is not continuous. Retaining wall only occurs along the ends of buildings 9/10, 11/12, 13/14 and in most cases is a base for the metal fence. The height varies from 3" to 12".
- proposed landscaping treatment along the rear property line is appropriate; however, consider a little variation in trees to be planted;
 - Tree species have been varied with a mix of deciduous and coniferous varieties.
- consider adding a tree between Buildings 9 and 10; could help mitigate the visual length of the north-south drive aisle;
 - No longer applicable, parking V09 has been relocated to this location to make room for a larger garbage enclosure adjacent to Building 13.
- appreciate the different paving treatment for pedestrian walkways on site; could be textured to serve as a traffic calming device;
 - As pavers are already bumpy and coloured, they will provide a change in finish to serve as traffic calming.
- the outdoor amenity area is an accessible space and nicely scaled; consider relocating the handicapped parking stall adjacent to the mail boxes to the parking area adjacent to No. 5 Road to create a corner access to the outdoor amenity area;
 - Parking & the LPT were shifted to the South opening up the corner access to the site.
- support the staff recommendation to evenly distribute visitor bicycle racks throughout
 the site at various locations to address potential CPTED issues and enhance the
 convenience of users;
 - Bicycle racks have been distributed throughout the site.
- appreciate the three-storey street frontages stepping down to two-storeys at the back;
 nicely scaled and balanced proportionally; materials and colours are nicely managed;
 noted
- appreciate the general articulation of the buildings; consider a subtle variation in colour between the A and B units to create visual interest around the site;
 The difference in architecture brings variation between the A and B units. The paint colors will be as per the ADP drawings.
- appreciate the outdoor amenity area and the variety of its potential uses;
 noted
- consider using natural timber for the soffits as opposed to a cementitious material;
 The developer feels this is a future liability for the strata corporation and will proceed with cementitious material for soffits.

- appreciate the materials package and presentation of the project by the applicant;
 noted
- no concerns regarding the constant building setbacks due to the strong architecture and character of the buildings;
 noted
- potential for headlight glare onto No. 5 Road has been addressed by the applicant;
 noted
- support the proposed outdoor amenity area; however, consider relocating/flipping the
 electrical closet and a handicapped parking stall at the corners of the outdoor amenity
 area to open up its northeast and southeast corner spaces;

Parking has been adjusted to open up the NW corner as much as possible. Relocating the NE handicap parking is not possible. There is not enough room on the site to move a parking spot adjacent to Bldg 1.

- appreciate the trees and play area at the outdoor amenity area;
 noted
- the subject site will be accessed mostly by vehicles and pedestrian entry and circulation on site would be limited; consider making the front yards of units their backyards to create more opportunities for landscaping at the garage door entries along the internal drive aisle;

Landscaping will define the entries along the internal drive aisle. The private spaces off the internal courtyards will effectively serve as both a front yard entries and back yards.

• too many trees are proposed along the No. 5 Road frontage; spacing of tree planting should relate more to the rhythm of the site, e.g. consider tree breaks on the green belts;

The number of trees proposed are to fulfill the ALR Buffer requirement. This has been reviewed and approved by the Agricultural Review Committee.

- appreciate the complete materials package; however, some drawings, e.g. floor plans, could have been enlarged;
 - Enlarged unit plans are part of the DP submittal package.
- appreciate the proposed high density for the project;
 noted
- applicant has addressed well the concerns of staff regarding setbacks and massing along No. 5 Road;
 noted
- the outdoor amenity area could have been sited in a more central location; however, understand the rationale for its proposed location at the north end of the site; appreciate the retention of trees in the outdoor amenity area; noted
- small scale of the project and good separation between buildings along No. 5 Road allows repetition in design to be reasonable;
 noted

- consider subtle variation of building blocks along No.5 Road to enhance identity and differentiation to the buildings, e.g.; variation in doors, canopies over doors, colours, fencing, and retaining walls;
 - 3 to 4 paint colors will be chosen to vary the front doors within the buildings.
- contemporary, though not wholly West Coast architecture for townhouses is well done;;

noted

- the applicant is encouraged to investigate opportunities to install garage doors which provide interest, e.g. contemporary garage doors with windows;
 Contemporary garage doors with windows will be installed.
- details are important to enhance the quality of the project; would like to see contemporary guard rails as minimal and with as much glass as possible;
 Railings will be metal posts with glass infill.
- the project is in the right track in terms of proposed sustainability features;
 noted
- appreciate the design team for providing a through and comprehensive package of materials which include the sustainability aspect of the project;
 noted
- applicant could have provided larger drawings for the floor plans of townhouse units;
 noted
- consider thermal comfort of townhouse units for the proposed sustainability features;
 recommend installing air conditioning in individual units;
 Air conditioning is not feasible for this proposal
- support the recommendation for using natural wood for soffits in lieu of cementitious material; and
- use of cementitious material for soffits is supported as it is more durable and minimizes fire risk as opposed to natural wood soffits.
 The developer feels this is a future liability for the strata corporation and will

Panel Decision

It was moved and seconded

That DP 17-774043 be supported to move forward to the Development Permit Panel subject to the applicant giving consideration to the comments of the Advisory Design Panel.

proceed with cementitious material for soffits.

CARRIED



Development Permit

No. DP 17-774043

To the Holder:

ANTHEM PROPERTIES GROUP LTD.

Property Address:

10475, 10491, 10511, 10531, 10551, 10571, 10591 AND

10631 NO. 5 ROAD

Address:

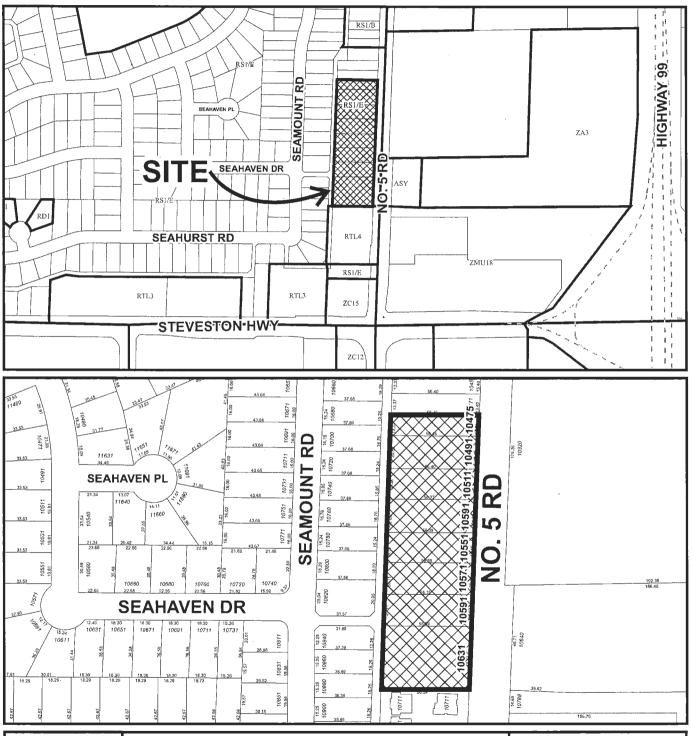
C/O NICHOLAS KASIDOULIS #300 – 550 BURRARD STREET VANCOUVER, BC V6C 2B5

- 1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.
- 2. This Development Permit applies to and only to those lands shown cross-hatched on the attached Schedule "A" and any and all buildings, structures and other development thereon.
- 3. The "Richmond Zoning Bylaw 8500" is hereby varied to:
 - a) reduce the front yard setback from 6.0 m to 4.5 m; and
 - b) increase the number of small car parking stalls from 53 spaces to 54 spaces.
- 4. Subject to Section 692 of the Local Government Act, R.S.B.C.: buildings and structures; off-street parking and loading facilities; roads and parking areas; and landscaping and screening shall be constructed generally in accordance with Plans #1 to #4 attached hereto.
- 5. Sanitary sewers, water, drainage, highways, street lighting, underground wiring, and sidewalks, shall be provided as required.
- 6. As a condition of the issuance of this Permit, the City is holding the security in the amount of \$318,723.16 to ensure that development is carried out in accordance with the terms and conditions of this Permit. Should any interest be earned upon the security, it shall accrue to the Holder if the security is returned. The condition of the posting of the security is that should the Holder fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the City may use the security to carry out the work by its servants, agents or contractors, and any surplus shall be paid over to the Holder. Should the Holder carry out the development permitted by this permit within the time set out herein, the security shall be returned to the Holder. The City may retain the security for up to one year after inspection of the completed landscaping in order to ensure that plant material has survived.
- 7. If the Holder does not commence the construction permitted by this Permit within 24 months of the date of this Permit, this Permit shall lapse and the security shall be returned in full.

Development Permit No. DP 17-774043

To the Holder:	ANTHEM PROPERTIES GROUP LTD.		
Property Address: 10475, 10491, 10511, 10531, 10551, 10571, 10591 AND 10631 NO. 5 ROAD			
Address: C/O NICHOLAS KASIDOULIS #300 – 550 BURRARD STREET VANCOUVER, BC V6C 2B5			
8. The land described herein shall be developed generally in accordance with the terms an conditions and provisions of this Permit and any plans and specifications attached to thi Permit which shall form a part hereof. This Permit is not a Building Permit.			
AUTHORIZING RESOLUDAY OF ,	UTION NO.	ISSUED BY THE COUNCIL THE	
DELIVERED THIS	DAY OF	,	
MAYOR			







DP 17-774043 SCHEDULE "A"

Original Date: 06/09/17

Revision Date:

Note: Dimensions are in METRES



12 - DP RESUBMISSION (1850E)

16381 1/4" = 1'-0" Oct 01, 2017

BUILDING 09 & 13 - PARTIAL FLOOR PLANS

ANTHEM PROPERTIES

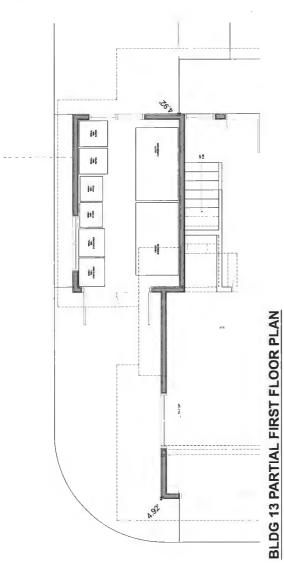
TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

RZ16-726337

[ARCHITECT SEAL]

INTEGRA ARCHITECTURE INC.





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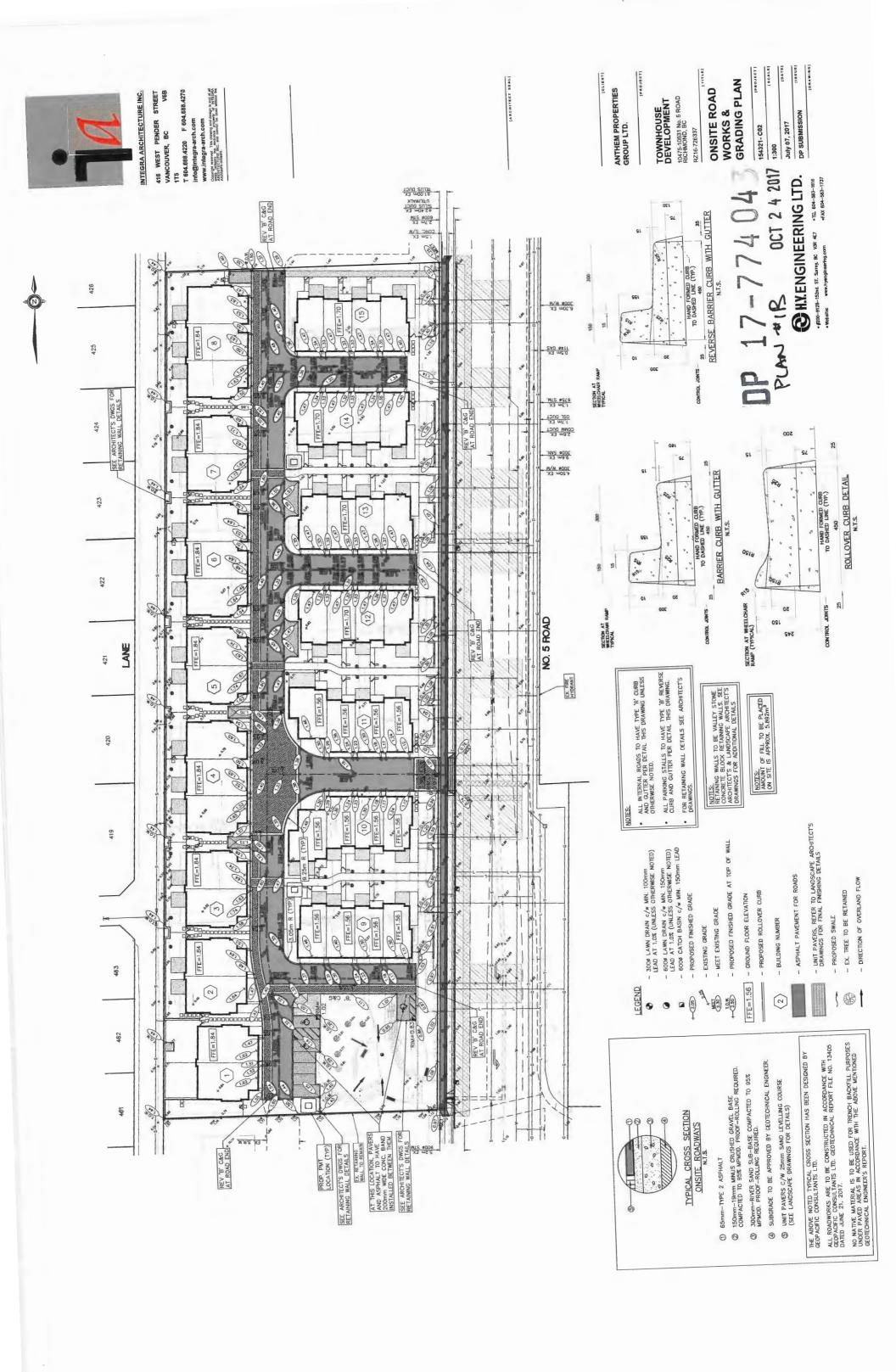
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BLDG 09 PARTIAL FIRST FLOOR PLAN

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1" = 30"

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

ANTHEM PROPERTIES

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VANCOUVER, BC VBB 175
T 604.688.4220 F 604.688.4270
Info@integra-arch.com
w w.integra-arch.com
competence of the compete INTEGRA ARCHITECTURE INC.

JARCHITECT SEALJ

IBCALE PARKING PLAN

Oct 01, 2017 [BATE] OP 17-774043 22 PLAN # 2 0CT 2 4 2017

A-1.051

1/4" = 1.0" (*EALE)
Oct 01, 2017
10 - DP RESUBMISSION (*ESUE) (PROJECT) [BCALE]

SITE DRIVE AISLE SECTIONS 16381

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC RZ16-726337

ANTHEM PROPERTIES

[ARCHITECT BEAL]

BLDG 15 BLDG 14

79.S

VANCOUVER, BC VB 175

T 604.688.4220 F 604.688.4270

Info@integra-arch.com

W W ** Integra-arch.com

W W ** Integra-arch.com

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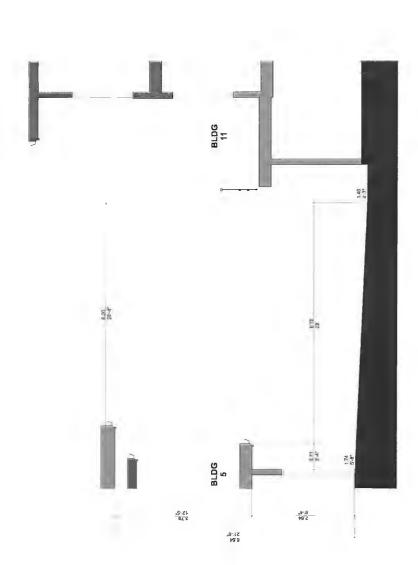
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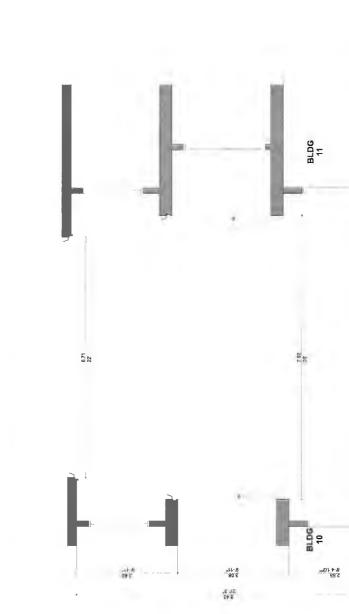
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BLDG 14 - BLDG 15 DRIVE AISLE SECTION

BLDG 5- BLDG 11 DRIVE AISLE SECTION



848 27-72 01-6 1-01



OP 17-774043 PLAN * ZA OCT 2 4 2017

BLDG 10 - BLDG 11 DRIVE AISLE SECTION

A-1.001

DP 17-774043 PLAN #28 0CT 2 4 2017

Oct 01, 2017 (DATE)

FIRE DEPT ACCESS PLAN

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

ANTHEM PROPERTIES



416 WEST PENDER STREET

INTEGRA ARCHITECTURE INC.

RZ16-726337

1" = 30" 16381



Lane

BUILDING A5 B3 2 **B**2 2 BUILDING 8 A B3B BUILDING 14 <u>©</u> **B**2 8 BUILDING 7 (A6) ADAPTABLE впігріме 13 A **B**2 **B**3 8 BUILDING 6 A3 виігріис 1s A ALL ACCESSIBLE WALKWAYS TO BE SLOPED 5% OR LESS SEE LANDSCAPE **B**3 9 **B**2 BUILDING 5 (A6)
(A6)
ADAPTABLE ADAPTABLE **B4** виігріме 11 <u>Ф</u> 8 **B**2 A BUILDING 4 A BUILDING 10 W 8 **B**2 84 BUILDING 3
(A6)
ADAPTABLE ADAPTABLE - 1 1.50 виігріме <u>9</u> B3A **B**2 2 BUILDING 2 A 1.50 BUILDING 1 A1 AMENITY A2

ANTHEM PROPERTIES

No. 5 Road

TOWNHOUSE DEVELOPMENT 10475-10831 No. 5 ROAD RICHMOND, BC RZ16-726337

SITE ACCESSIBILITY

1" = 20" 16381

Oct 01, 2017 [PATE]
12 - DP RESUBMISSION [ISSUE]

DP 17-774043 PAN#2c 0CT 2 4 2017



MIKE FADUM AND ASSOCIATES LTD. VEGETATION CONSULTANTS

#105, 8277 129 St. Surrey, British Columbia

V3W 0A6 Ph: (778) 593-0300 Fax: (778) 593-0302

Mobile: (604) 240-0309 Email: mfadum@fadum.ca

CLIENT

FILE NO.

PROJECT TITLE

TREE PRESERVATION AND PROTECTION PLAN

10475 - 10631 #5 RD. RICHMOND, B.C.

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NO.	DATE	BY	REVISION
1	FEB2916	MK	LOT LAYOUT
2	MAY2616	MK	REVISED LAYOUT
3	SEPT0816	мк	REVISED LAYOUT
4	FEB1017	мк	REVISED LAYOUT
5	JUL 1117	SL	REVISED LAYOUT
6	SEPT1317	MK	REVISED LAYOUT
7	OCT0417	MK	REVISED LAYOUT

SHEET TITLE

T1 - TREE REMOVAL AND PRESERVATION PLAN

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DRAWN

MK

SCALE

AS SHOWN

DATE

FEBRUARY 26, 2016

T-1

SHEET 1 OF 2



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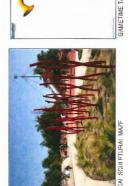
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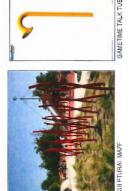
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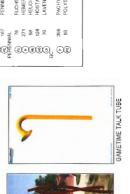
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Œ	242	IMPERATA CYLINDRICA 'RED BARON'	BLOOD GRASS	#1 POT
XE	167	PENNISETUM ALOPECURGIDES HAMELIN	DWARF FOUNTAIN GRASS	#1 POT
温	PEHENNIAL			
(2	76	FUCHSIA MAGELLANICA 'AUREA'	FUSCHIA	15CM POT
Œ	271	HEMEROCALLIS	DAYLLY	#1 POT; 1-2 FAN
X ₂	88	HEUCHERA MACRANTHA "PALACE PURPLE"	CORAL BELLS: PURPLE-RED	15CM POT
Œ	128	HOSTA FORTUNEL AUREOMARGINATA:	HOSTA; GOLD AND GREEN VARIEGATED	#1 POT, 1 EYE
(S)	20	LAVENDULA ANGUSTIFOLIA 'MUNSTEAD	ENGLISH LAVENDER; COMPACT: VIOLET-BLUE	150M POT
(0	396	PACHYSANDRA TERMINALIS	JAPANESE SPURGE	#1 POT; 15CM
(E)	98	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	#1 PO1:25CM

426

425

424

425

422

424

420

6'HAMAECYPARIS NOOTKATENSIS 'PENDULA'

MAGNOLIA KOBUS STELLATA

CARPINUS BETULUS
FRANS FOUNTAINE

SYRINGA RETICULATA "IVORY SILK"

Lane

48" HT. WOOD RAIL FENCE BETWEEN REAR YARDS

5' HT WOOD FENCE AT TOP OF WALL

463

WISHBONE INDUSTRIES MOBENA BENCH WITH CEDAR SLATS AND GREY POWDERCOAT BANCH MADWARE MOUNT WITH TAMPER-RESISTANT HARDWARE

VALLEY STONE CONCRETE BLOCK RETAINING WALL

-CANTILEVERED FENCE

G 462 E EXISTING TREE TAG #883

461

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NEW SITE PLAN	ISSUED FOR BP	DP COMMENTS; SITE PLAN COORD	CITY COMMENTS	NEW SITE PLAN	CITY COMMENTS	NEW SITE PLAN	INCREASED PERMEABLE PAVING	SECTIONS AND COMMENTS	NEW SITE PLAN	REVISE PER SITE CHANGES	REVISE PER SITE CHANGES / COMMENTS	REVISE PER SITE CHANGES	CITY SUBMISSION	COMMENTS	REVISE PER SITE CHANGES	REVISION DESCRIPTION
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BUILDING 8 A3

(A6) F. Fl. EL. 1.84m ***

BUILDING 7

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BUILDING 5

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BUILDING 3
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BUILDING 2 Ą

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BUILDING 1

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A2

F. Fl. EL. 1.84m

F. Fl. EL. 1.84m

	PROPERTIES
CLIENT:	ANTHEM

No 5 ROAD TOWNHOMES

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∳/**6**

Tua lật A

and wa

BUILDING

©√2 В∪І∟БІМ Б 13

Bull bind

- **B1**

BUILDING

ВИІГДІИС В В

B3B

1

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9

19 19 'S

] **~**

1.13.19,13

rīna najrati

PICNIC TABLE ON CONC. PAD

OPEN LAWN

VERTICAL SCULPTURAL MAZE

-- MAZE
PLAY SURFACING -- BENCH ON CONC. PAQ.

B2

B2

B3B

B

10475-10631 NO. 5 ROAD RICHMOND, B.C. RZ 16-726337

B2

LANDSCAPE PLAN

SCALE: DRAWN: DESIGN: CHKD:

EXISTING TREE TAG #322 L ACER PALMATUM "BLOODGOOD'D 5.0m ALR BUFFER BOUNDARY

5 Road

NO.

VALLEY STONE CONCRETE BLOCK RETAINING WALL AT STREET FRONTAGE

PERMEABLE PAVERS TATSITE ENTRY ENTRY
PROJECT SIGN WALL-

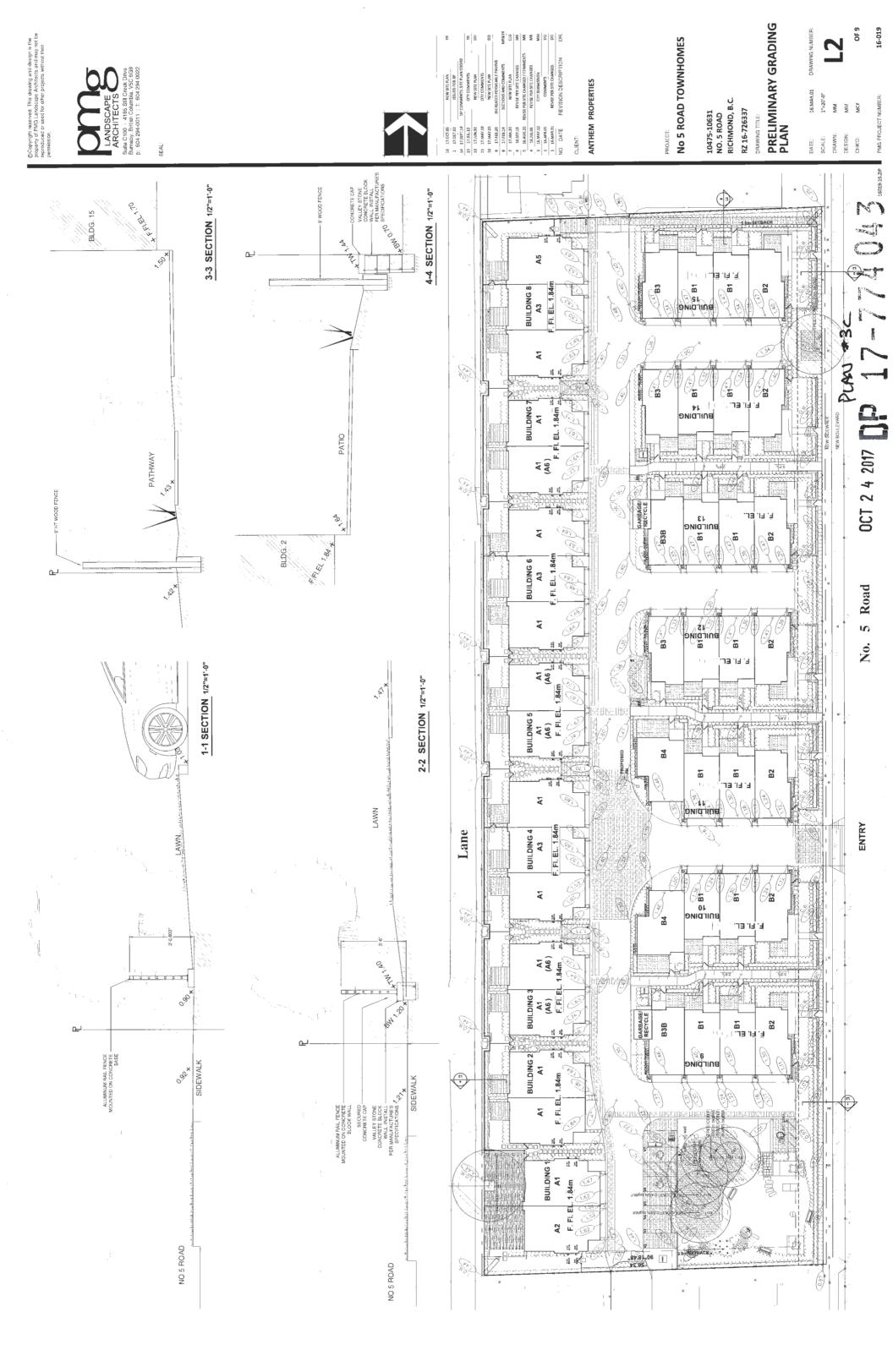
EVERGREEN HEDGE J CONCHETE SIDEWALK —

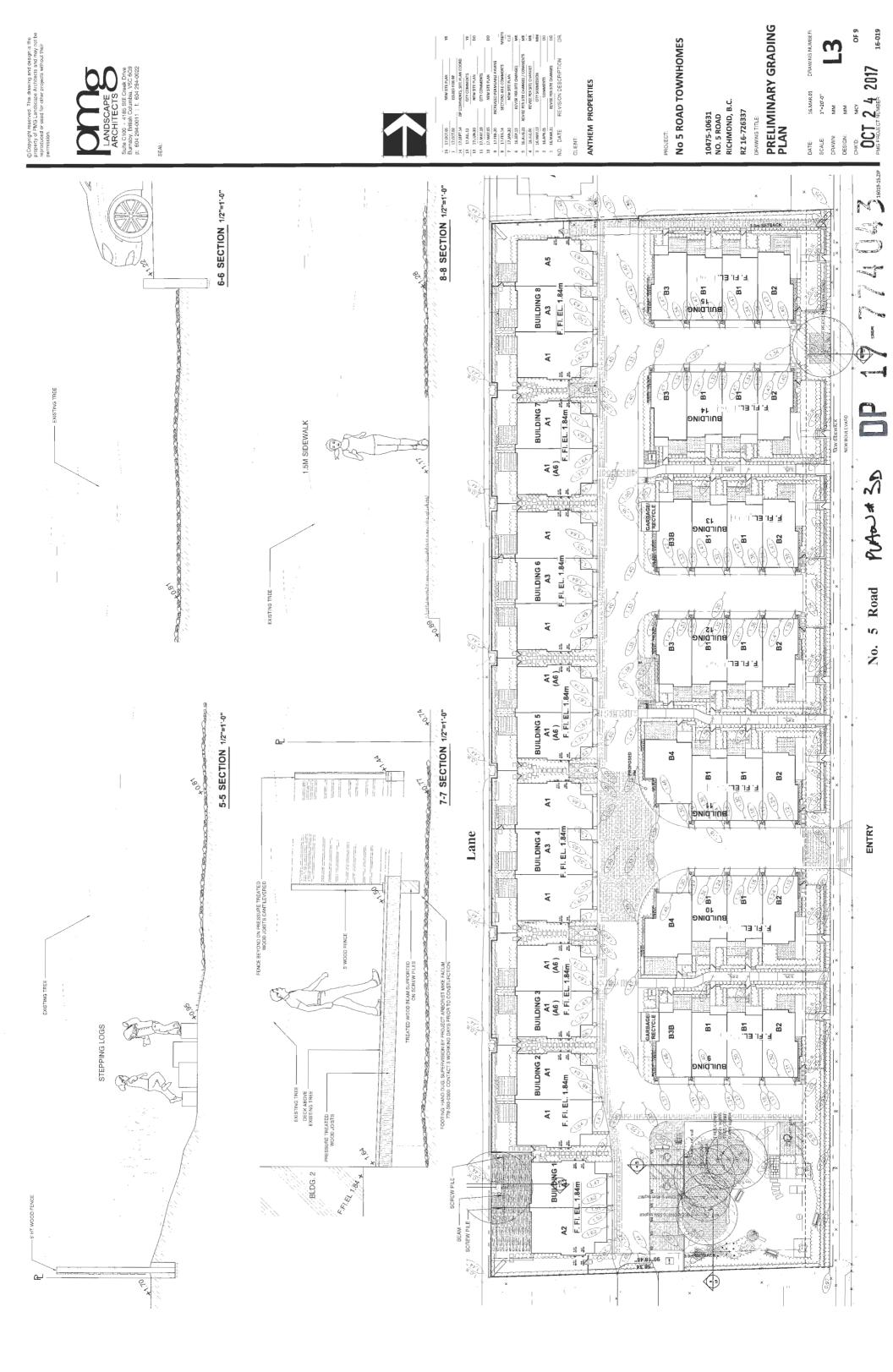
CONTINUOUS SOIL TRENCH 4' WIDE AND 2' -DEEP

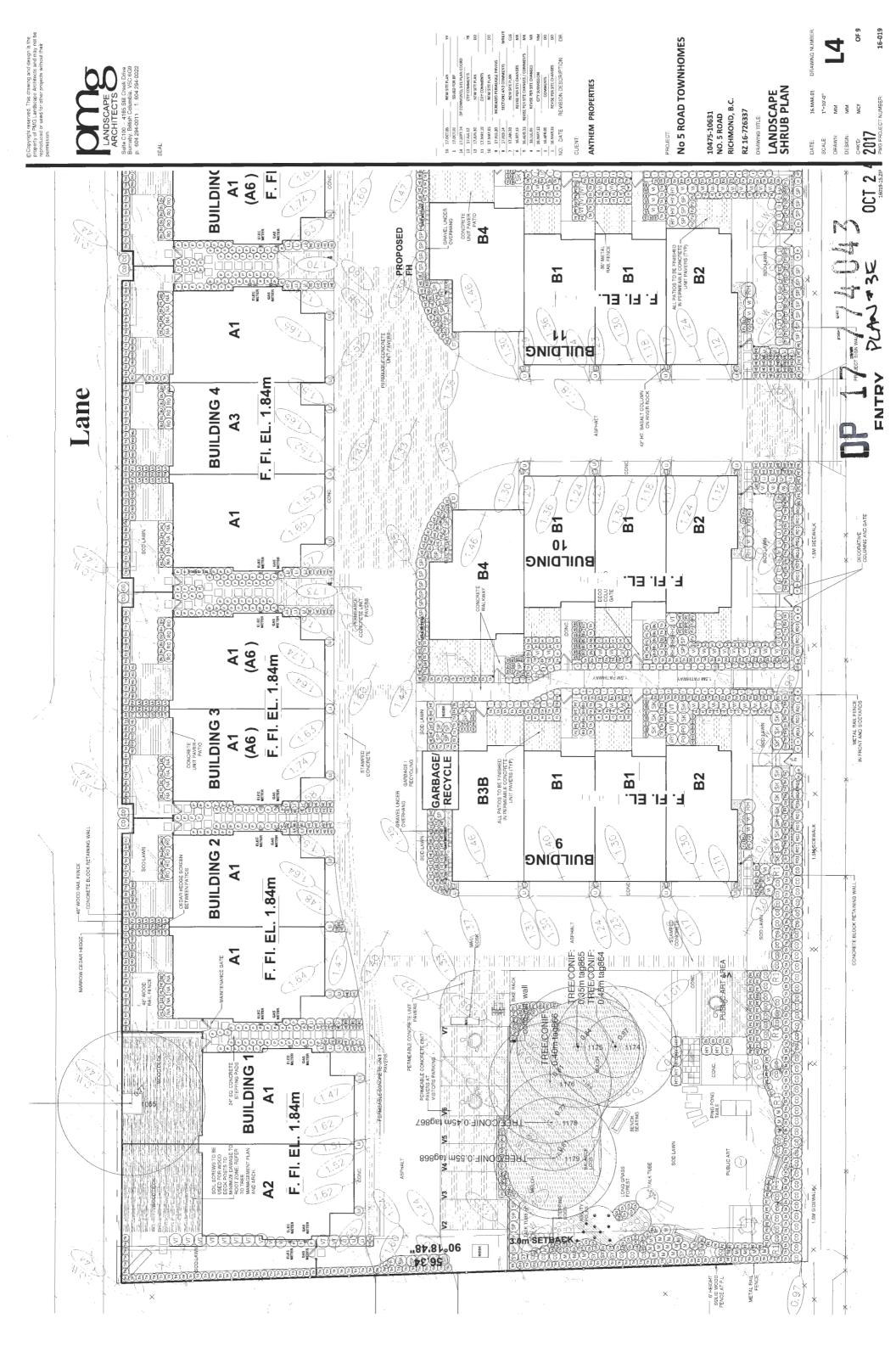
THUJA OCCIDENTALIS 'SMARAGD'
THIMMED TO 1.0M HIGH

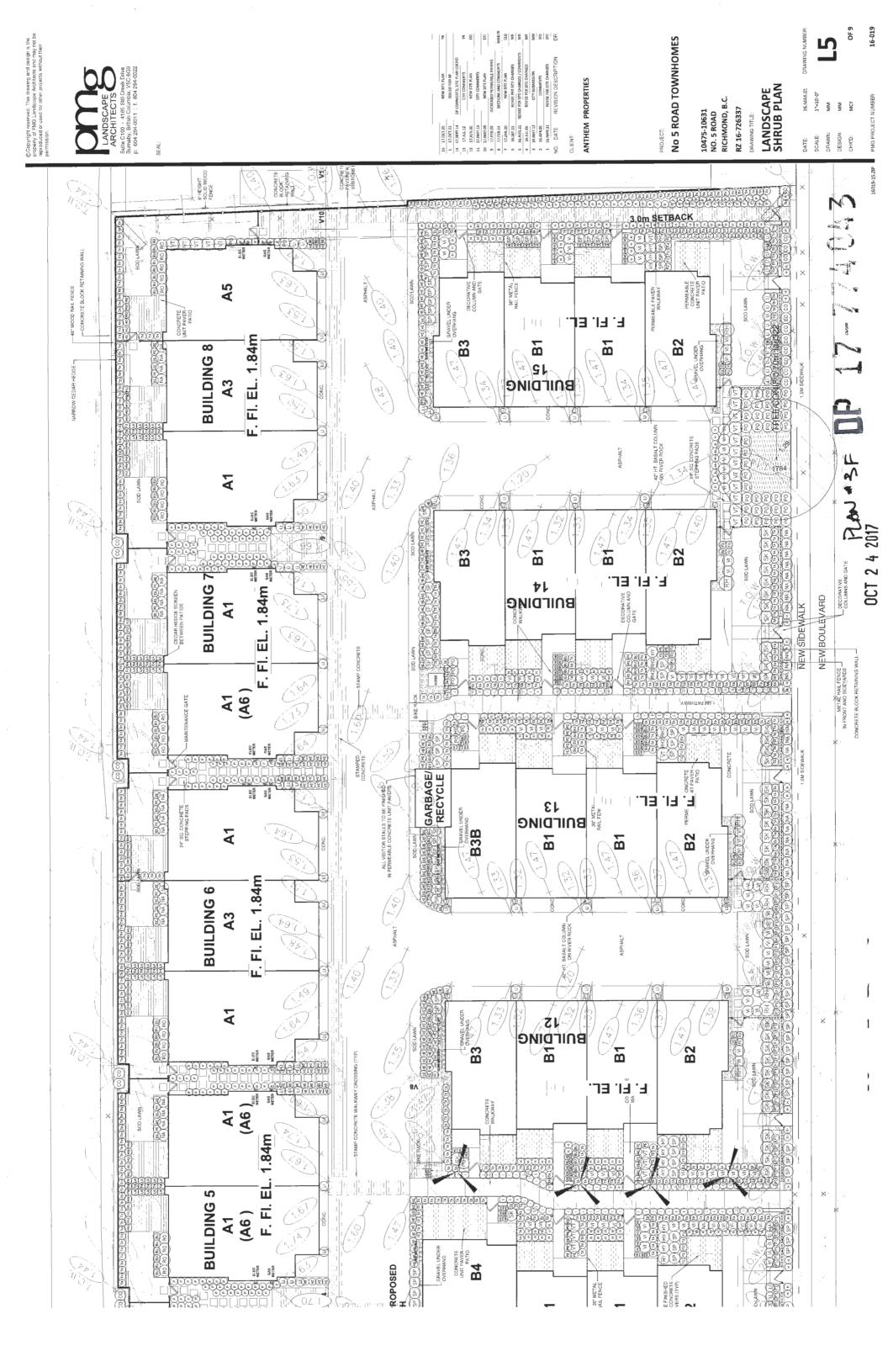
METAL RAIL FENCE IN FRONT AND SIDEYARDS

16-019









No 5 ROAD TOWNHOMES ANTHEM PROPERTIES 10475-10631 NO. 5 ROAD RICHMOND, B.C. MATERIAL PLAN RZ 16-726337 SEAL: Work CONCRETE PATH:
MITHAL GOLDO
WITH SAWOUT © SOIC - TO MMCD STANDARDS
ABOTISTORD CONCRETE PRODUCTS
CLASSIC STANDARD SERIES
DESERT SAWO BLEND **A**5 CON CAN 13 14 H EULDING BUILDING 8 A3 FI. EL. 1.84m <u>m</u> B3 B2 RESILIENT TILE VEGETATION ASPHALT MULCH 110 ВОПЕДІИСЕ ТФ 6 B BUILDING 7 EL. 1.84m กลารุ่นเ 110 Виігріме 13 าลุ่ามน **B2** Ā BUILDING 6 A3 F. FI. EL. 1.84m **6**20 8 2 E' El' EF 10 **B**4 آ. آت. آ <u>۳</u> **B**2 **B**1 Ą 420 Lane BUILDING 4 A3 FI. EL. 1.84n виісріме В **6** 28 107 410 บทองษ์ ษ์ A1 A1 A1 (A6) (A6) F. FI. EL. 1.84m GARBAGE GARBAGE виігріие Э́е 463 46. IHEE/COME 1.62

461

DATE: SCALE: DEAWN: DESIGN: CHK'D: 270711111

16-019 N N N

2A 36

5 Road

No.

ENTRY

0F 9

DATE: SCALE: DRAWN:

10475-10631 NO. 5 ROAD RICHMOND, B.C. RZ 16-726337

ARCHITECTURAL CONCRETE COLUMN
-WITH VERTICAL PROFILE TO REFERENCE
TOWNHOUSE FACADES

PLAN

PLAN

CONCRETE COLUMN 12" DEEP

PLAN

STAIRS

1-6" |-4,25" GAP, TYP

-3' GATE-

CONCRETE SIGN WALL

T-LIGHT STRIP

PROJECT NAME

LIGHT STRIP PROJECT 4'.

-- INFILL MATERIAL

SECTION

PROJECT ENTRY SIGN

ALUMINIUM RAIL GATE/FENCE - STREET FRONT

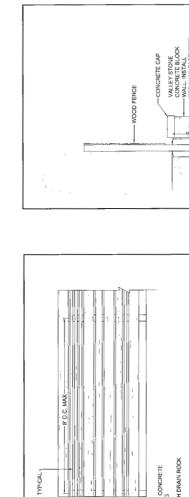
ELEVATION

ELEVATION

LANDSCAPE DETAILS

L1 IPETON WALL SECTION

No 5 ROAD TOWNHOMES ANTHEM PROPERTIES

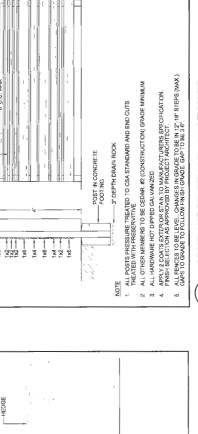


CONCRETE COLUMN 12" DEEP

" SQ. TUBE RAILS

2.5" SQ. TUBE TOP RAIL

2.5" SQ. TUBE POST





3 36" HT. ALUMINIUM RAIL FENCE - FRONT YARD

NOTE
1. ALL POST AND RAILS TO BE BLACK POWDER COATED.

PMG PROJECT NUMBER: DESIGN: CHK'D:

OF 9

16-019

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VARIES MIN. 24" O.C. FOAM PADDING UNDERLAY FOR FALL SAFETY; 2* CONCRETE FOOTING PROVIDE SHOP ——
DRAWINGS FOR ——
REVIEW —— INVERTED 'S' SHAPE

SPACING VARIES: MAX. 6" GAP

(7) VERTICAL SCULPTURAL MAZE

STEPPING LOGS

No 5 ROAD TOWNHOMES

ANTHEM PROPERTIES

OCT 2 4 2017 DP 17-16 04 5 PCAN * 3I 007 24

PMG PROJECT NUMBER: DATE: SCALE: DRAWN: DESIGN: CHKD: 16019-15.ZIP

16-019

0F 9 ∞

DRAWING NUMBER

LANDSCAPE DETAILS

10475-10631 NO. 5 ROAD RICHMOND, B.C. RZ 16-726337

NOT TO SCALE (PATE)
Oct 01, 2017
12 - DP RESUBMISSION (193942)

PERSPECTIVE

RZ16-726337

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

ANTHEM PROPERTIES

416 WEST PENDER STREET
VANCOUVER, BC V68155
T 664.686.4270
Info@integra-arch.com
www.integra-arch.com
mintegra-arch.com



#5 RD PERSPECTIVE

16381 (PROJECT)

NOT TO SCALE (SCALE)

Oct 01, 2017 (PATE)

12 - DP RESUBMISSION (13348)

ANTHEM PROPERTIES

PERSPECTIVE TOWNHOUSE DEVELOPMENT 10475-10831 No. 5 ROAD RICHMOND, BC RZ16-726337



INTERNAL RD PERSPECTIVE

DP 17-774043 PUAN # 4A 0012420

16381 (PROJECT)

NOT TO SCALE (SECLE)

Oct 01, 2017 (Inster)

12. DP RESUBMISSION (INSTER)

DP 17-774 043 PLAN = 48 007 2 4 2017

PERSPECTIVE

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC RZ16-728337

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info@integra-arch.com
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INTEGRA ARCHITECTURE INC.

INTERNAL RD PERSPECTIVE

INTEGRA ARCHITECTURE INC.

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www.integra-arch.com
integra-arch.com
integra-a

BUILDING 10 BUILDING 9 OUTDOOR EXISTING BUILDINGS

No. 5 ROAD STREETSCAPE ELEVATION - SOUTH

[ARCHITECT SEAL] [CLIENT] ANTHEM PROPERTIES EXISTING BUILDINGS FUTURE DEVELOPMENT 1.5 AVG. GRADE **BUILDING 15 BUILDING 14 BUILDING 13 BUILDING 12 BUILDING 11**

No. 5 ROAD STREETSCAPE ELEVATION - NORTH

DP 17-774043 77 # 747

10 - DP RESUBMISSION 1155 UET

A-0.310

[SCALE]

1/16"= 1'-0" Oct 01, 2017

[PROJECT]

STREETSCAPE ELEVATIONS

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

RZ16-726337



INTEGRA ARCHITECTURE INC.

LANE STREETSCAPE ELEVATION - NORTH

EXISTING BUILDINGS T.O. ROOF 10.02 WG STRE GRADEE PS.T 7

(ARCHITECT SEAL)

ANTHEM PROPERTIES

LANE STREETSCAPE ELEVATION - SOUTH

[BCALE] 10 - DP RESUBMISSION (1188UR) 1/8" = 1'-0" Oct 01, 2017 16381

BUILDING 1 ELEVATIONS

RZ16-726337

TOWNHOUSE DEVELOPMENT 10475-10831 No. 5 ROAD RICHMOND, BC

ANTHEM PROPERTIES

[ARCHITECT SEAL]

BUILDING 1 - WEST ELEVATION

Pre-finished Aluminum Railing ow Clear Safety Gless Double glazed vinyi windows & doors Exterior walls, selected locations to match !" Hardie Trim Boards Clear anodized atuminum Weadfone 'Old Cherry' Woodtone Fiber cement plank soffit \mathbf{z} [0] . · • m L

Roof overhangs & balconies soffil Benjamin Moore Black Knight 2136-10 PVDF Matte Black Woodtone 'Old Cherry' Woodtone Fiber cement plank soffit Hardie Trim Boards Makin Metals Ltd. =

(7)

(-)

m

20.4" TO PASAPET 27.58% S.T. US VALLYED CELING TE

7.38 L/B CEILING

12.1 12.1 12.0 12.0

16'-13/8" 4.91 2nd FLOOR

12.07 20.2 20.2

4.91 2nd FLOOR

4 8'-0" 1.83 1st FLOOR

4 29-8.
4 20-8.
4 27-5 SE 904 TO PARÁPET
4 27-5 SE 914 TO PARÁPET
5 7-7-5 B UIS CELING
7 7-38 UIS CELING

€-0" 1.83 1st FLDOR

416 WEST PENDER STREET
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info@integra-arch.com
w w.integra-arch.com
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info@integra-arch.com
competitions in the gra-arch.com
competitions in the gra-a INTEGRA ARCHITECTURE INC.

BUILDING 1 - EAST ELEVATION

(-)

NATE OF THE PART O

78.5 3VB

Cart E.d.

24-2.3/8" 7.38 U/S CEILING

(4)

m

<u>a</u>

BUILDING 1 - SOUTH ELEVATION

40:7-12:37 UNIT A:1

23,6 16-13/8" 4.91 2nd FLOOR

29-8" TO PARAPET
7. STATE PARAPET
7. STATE PARAPET
7. STATE PARAPET
7.38 UNC CELLNG

23.8° 7.21 8°-1°

16'-1 3/8" 4.91 2nd FLOOR

24.-9°

*8/£ 1-'01 80.6

€-10" 1.83 1st FLOOR

90'E 6:0° 183 1st FLOOR

BUILDING 1 - NORTH ELEVATION

	ţ
3 LEGEND	Colour to ma
& COLOUR!	
ATERIAL	

Colour	Manufacturer	Colour to match Reference No.	Elements
Втомп	Hardie Plank Lap Skling ColorPlus Smooth texture, 6" exposure	Timber Bark	Hardie lap siding - 6" exposure
Charcoel	HardlePanel Siding Smooth texture on Easy Trim	Benjamin Moore Trout Gray 2124-20	Exterior walls, selected locations
Silver	HardiePanel Siding Smooth texture on Easy Trim	Benjamin Moore Gull Wing Gray 2134-50	Exterior wells, selected locations

Balcony & Roof Fascias

DP 17-774043 PLAN +4E 007242017

A-2.082C

1/8" = 1'-0" Oct 01, 2017 16381

[SCALE] (DATE)

10 - DP RESUBMISSION (1850E)

BUILDING 08 ELEVATIONS RZ16-726337

10475-10631 No. 5 ROAD RICHMOND, BC TOWNHOUSE DEVELOPMENT

Pre-finished steel flashings and downpouts

Roof overfrangs & balconies soffit

ANTHEM PROPERTIES

⋖

BUILDING 8 - SOUTH ELEVATION

416 WEST PENDER STREET
VANCOUVER, BC V6B1T5
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info@integra-arch.com
w w w.integra-arch.com
commissions in the street of the stre

INTEGRA ARCHITECTURE INC.

28.67 2 77-588 7.87 US WAUTED CELLING 75 9.99

7.38 U/S CEILING

15-1 3/8" 4.91 2nd FLOOR

"8-95. 12.7 36.5 m O

16-13/8" 4.85 2nd PLOOR

6'-0" 1.83 1st FLOOR

(0)

4

(25)

(53)

 \bigcirc

(29)

BUILDING 8 - WEST ELEVATION

(25)

24'-2 3/8" 7.32 U/S CEILING

7.38 U/S CEILING

16-13/8" 4.91 2nd FLOOR

6:-0" 1.83 1st FLOOR

23.5° 7.21 84.1° 2.46

4.85 2nd FLOOR

6'-0" 1.83 1st FLOOR

BUILDING 8 - NORTH ELEVATION

BUILDING 8 - EAST ELEVATION

MATERIAL & COLOUR LEGEND

Exterior walls, selected locations Exterior walls, selected locations Colour to match... Reference No. Benjamin Moore Trout Gray 2124-20 Benjamin Moore Gull Wing Gray 2134-50 Tus th texture, 6" exposure Plank Lap Skiling Manufacturer
Hardle Plenk Lap Skill
ColorPlus
Smooth lexture, 6" exp
HardleParus Skiling
Smooth lexture
nn Easy Tim
MardleParus Skiling
Smooth texture
on Easy Tim Colour . A m 0

=	Cedar	Woodfone Fiber cement plank soffit	Woodkone 'Old Cherry'	Roof overfrangs & balconi
Ţ	Black	Hardie Trim Boards	Benjarrin Moore Black Knight 2138-10	Balcony & Roof Fascias
1	Gray	Architectural concrete	Gray	Exposed concrete

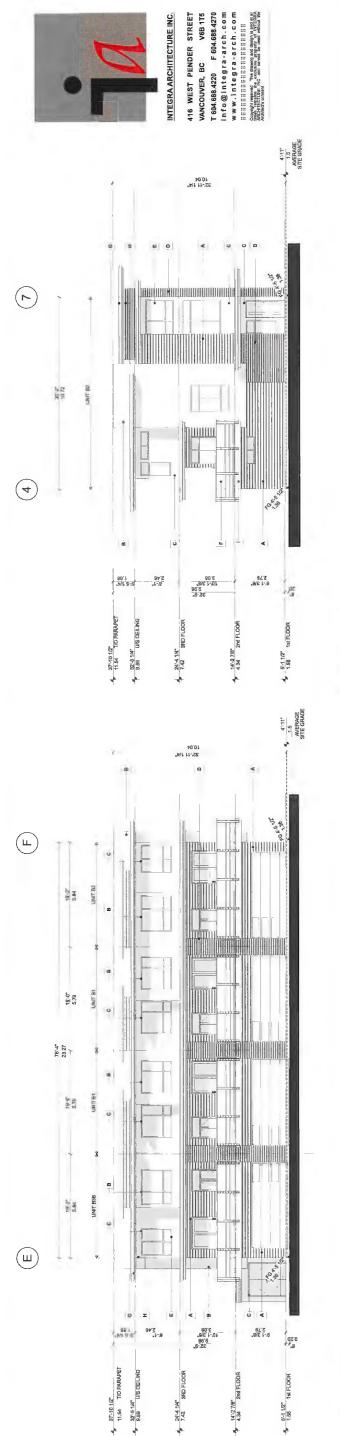
Double glazed vinyl Windows & doors Exterior walls, selected locations

Clear anodized alumhum Woodtone 'Old Cherry'

Startine

Woodlane Fiber cement plank soffit

0



4

EAST ELEVATION

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UNIT BOB 19.2

9 g

76.4

\$33

16.2. 5.84 5.84 0.NT/0.2

ēr.8 ēr.2 ∓ [m |

93 E 35 P 35 P 35 P

4 24'4 14" 7.42 SRD FLOOF

"8\£ 1-'8 8\7.5

4.34 2nd FLOOI

1.58 181 FLOOR

99.1 99.1

4 32"-514" 9.89 U/S CEILING

(H

SOUTH ELEVATION

(*1-'8 34.5 96.98 90.51_701 90.6 9-1 3/8" 2.78 99" 4 37-10 1/2" 92'-5 1/4" 8.89 U/S CEILING 24'4 1/4" 7.42 SRD FLOOR 4.34 2nd FLOOF

*#\f 11-'SE

WEST ELEVATION

Par

ANTHEM PROPERTIES

MATERIAL & COLOUR LEGEND

NORTH ELEVATION

		Colour to match	
Colour	Manufacturer	Reference No.	Elements
Влочп	Hardie Plank Lap Siding CotorPlus Smooth texture, 6" exposure	Timber Bark	Hardle kap skiling - 6" exposure
Charcoal	HardiePanel Skiing Smooth texture on Easy Trim	Benjamin Moore Trout Gray 2124-20	Exterior walls, selected tocations
Silver	HardiePanel Siding Smooth texture on Easy Trim	Benjamin Moore Gull Who Gray 2134-50	Exterior walls, selected forations
Cedar	Woodtone Fiber cement plank soffit	Woodbane 'Old Cherry'	Exterior walls, selected forations
Silver	Startine	Glear enodized eluminum	Double glazed vinyl Windows & doors
Black	Lindahi	to match "! Hardie Trim Boards	Pre-finished Aluminum Railing ow Clear Safety Glass

Black	Makin Metals Ltd.	PVDF Matte Black	norkisan nije eRimciel jesto negalikati
Cedar	Woodtone Fiber cement plank soffit	Woodfone 'Old Cherry'	Raof overhangs & balconles sofffi
Black	Hardie Trim Boards	Benjamin Moore Black Knight 2136-10	Balcony & Roof Feedes
Syav	Architectural concrete	Gray	Exposed concrete

OP 17-774 043

[SCALE]

1/8" = 1'-0" Oct 01, 2017

[PROJECT]

16381

BUILDING 09 & 13 ELEVATIONS

TOWNHOUSE DEVELOPMENT 10475-10831 No. 5 ROAD RICHMOND, BC RZ16-726337

यक्र भव

A-2.092BW

10 - DP RESUBMISSION (1889UE)

10 - DP RESUBMISSION [1580E] Oct 01, 2017

[SCALE] 1/8" = 1'-0"

BUILDING 11 ELEVATIONS

TOWNHOUSE DEVELOPMENT 10475-10831 No. 5 ROAD RICHMOND, BC

Pre-finished steel flashings and downpouts

ANTHEM PROPERTIES

BUILDING 11 - WEST ELEVATION

[CLIENT]

(12)

416 WEST PENDER STREET VANCOUVER, BC V6B 1TS INTEGRA ARCHITECTURE INC.

(15)

(12)

(H

- 2

19'-0"

17.50

11.54 T/O PARAPET

\$ 32'51'A" SEEILING

8 ## 1-104 ## 0 -0-24

4 24'41/4" 7.42 3RB FLBBR

ATT FOR

5-1 1/2" 1.58 1st FLOOR

4.34 BHE FLOOR

Ш

- PER 2000

200

2-5 1/4" .89 U/S CEILING 7-10.1/2" 1.54 T/O PARAPET

4'41M" 42 3RD FLOOR

4*2 7/8" 34 2nd FLOOR

'4 1/2" 56 1st FLOOR

(1)

BUILDING 11 - EAST ELEVATION

BUILDING 11 - SOUTH ELEVATION

100

10 mg

(E)

32'-51/4" 9.89 U/S CEILING

24'4 1/4" 7.42 3RD FLOOR

4.34 2nd FLOOR

5-11/2" 1-5F 1-100R

52'-51/4" 9,89 U/S CEILING 7.42 3RD FLOOR 4.34 Znd FLOOR

BUILDING 11 - NORTH ELEVATION

MATERIAL & COLOUR LEGEND

	Colour	Manufacturer	Colour to match Reference No.	Elements
4	Вгонт	Hardie Plank Lap Siding ColonPlus Smooth texture, 6" exposure	Timber Bark	Hardie lap siding - 6° exposure
m	Charcoal	HardiePanel Siding Smooth texture on Easy Thm	Benjarain Moore Trout Gray 2124-20	Exterior wells, aslected locations
O]	Silver	HardiePanel Siding Smooth texturs on Easy Trim	Benjamin Moore Gull Wing Gray 2134-50	Exterior walls, selected locations
0	Cedar	Woodlorse Fiber cement plank soffice	Wedtene 'Old Cherry'	Exterior wails, selected locations
TET	Silver	Starline Vinyl	Clear anodized atuminum	Double glazeď vinyí windowe & doors

Pre-finished Aluminum Railing c/w Clear Safety Glass

to match " Hardle Trim Boards

	8, balcontes soff	Fescias	es.	1
	Rouf overhangs & balconles soffit	Balcony & Roof Fascias	Exposed concrete	
	Wcodłane 'Ой Сherry'	Berjamin Moore Black Kright 2136-10	Gray	
	Woodkone Filosr cement plank soffit	HardleTrim Boards	Architectural concrete	7
	Cadar	Black	Gray	
,	X	(3)	4	

DP 17-7/4043





19

9

416 WEST PENDER STREET VANCOUVER, BC V6B 1T5 INTEGRA ARCHITECTURE INC.

BUILDING 12 - EAST ELEVATION

(16)

19

(H)

BUILDING 12- SOUTH ELEVATION

(H)

.

PAGE PERSON UNITER

#0 F #12 (1-0) 95 6 John 25

4 448 2nd FLOOR

7.56 3RD FLOOR

32'-10 3/4" 10.03 U/S CEILING

1.70 1st PLOOR 5-8



BUILDING 12 - WEST ELEVATION

[CLIENT]

ANTHEM PROPERTIES

BUILDING 12 - NORTH ELEVATION

MATERIAL & COLOUR LEGEND

Colour	Manufacturer	Colour to match Reference No.	Elements
Вгомп	Herdie Plank Lap Siding ColorPlus Smooth texture, 6" exposure	Timber Bark	Hardie lap siding - 6° exposure
Charcoal	HardiePanel Siding Smooth texture on Easy Trim	Benjamin Moore Trout Gray 2124-20	Exterior walls, selected hostions
Silver	HardiePanel Siding Smooth texture on Easy Trim	Benjamin Moore Gull Wing Gray 2134-50	Exterior walls, selected locations
Cedar	Woodtone Fiber cement plank soffit	Woodtone 'Old Cherry'	Exterior walls, selected locations
Silver	Startine Vny!	Cieer anodized aluminum	Double glazed vinyl windows & doors
Black	Lindahi	to match ?' HardieTrim Boards	Pre-finished Aluminum Reling ov Clear Safety Glass

Cedar Woodkone Place cement plank suffit Woodkone Roof overhangs & belicantes actifit
K auffit Woodlerse Old Cherry* **Did Cherry* **Did Cherry* **Did Cherry* **Did Cherry* **Back Kright Z136-10 Black Kright Z136-10
2136-10
Roof overhangs & beloanies soffit. Balcony & Roof Fascies Exposed concrete

OCT 2 4 2017 DP 17-774 043

A-2.122C

[SCALE)

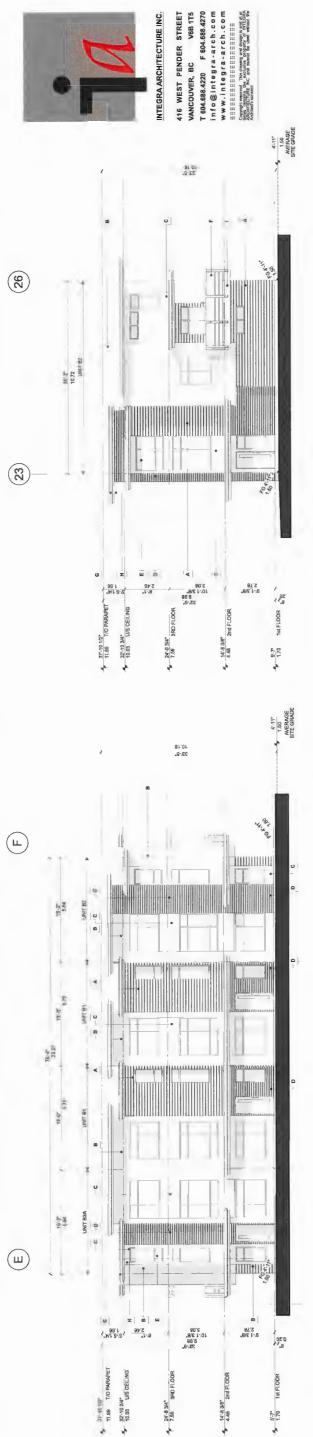
1/8" = 1'-0" Oct 01, 2017

16381

BUILDING 12 ELEVATIONS

10475-10631 No. 5 ROAD RICHMOND, BC TOWNHOUSE DEVELOPMENT

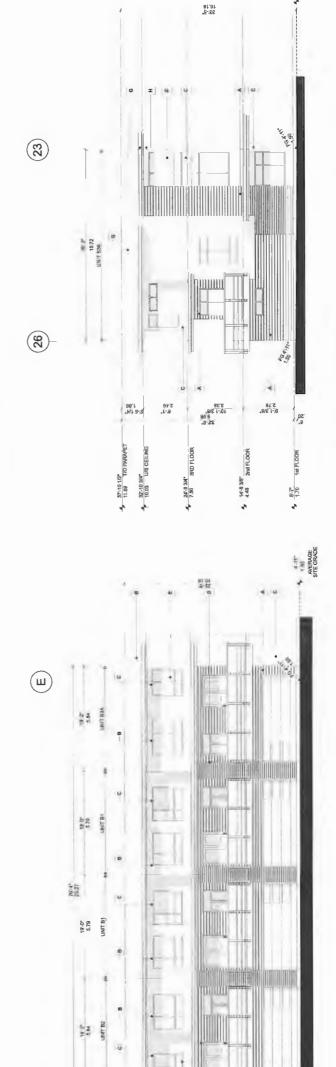
10 - DP RESUBMISSION (1858UE)



BUILDING 14 - EAST ELEVATION

BUILDING 14 - SOUTH ELEVATION

(H)



BUILDING 14 - NORTH ELEVATION

89

A LIN LANDOR

"8\£ 1-'8 87.S

4.48 2nd FLOOR

98-9-98-6 10-1 3/8-906

7.66 3RD FLOOR

37-101/2" 11.89 T/O PARAPET

32"-10 3/4" 10,03 U/S CEILING

EGEND
LOUR L
L & COL
MATERIA

	Black	Cedar	Black	Gray		
	9	-	T	1		ı
Elements	Hardie lap siding - 6" exposure	Exterior walls, selected locations	Exterior walls, selected locations	Exterior walls, selected locations	Double glazed vinyl Windows & doors	Pre-finished Aluminum Railing ow Cleer Safety Glass
Colour to match Reference No.	Timber Bark	Benjamin Moore Trout Gray 2124-20	Benjamin Moore Gull Wing Gray 2134-50	Woodbrie Oid Cherry	Clear arrodized aluminum	to match if HardieTrim Boards
Manufacturer	Harrije Piank Lap Slding ColorPlus Smooth texture, 6" exposure	HardiePanel Siding Smooth texture on Easy Trim	HardiePanel Siding Smooth texture on Easy Trim	Woodtone Fiber cement plank soffit	Startine	Lindahi
Colour	Brown	Charcoal	Silver	Dedar	Silver	Black
		1		0		4

Woodkine Rad overhangs & balcorlies soffit 'Old Cherry' Rad overhangs & balcorlies soffit	Hardwithn Boards Bencry & Roof Faedes Black Knight 2136-10 Bencry & Roof Faedes	Architectural controle Gray Exposed controls
Cedar	Black	Gray

Pre-finished steel flashings and downpouts

Makin Metals Ltd.

OP 17-774043 PLA * 4579

A-2.142BW Oct 01, 2017

[SCALE] 10 - DP RESUBMISSION [1888UE] 1/8" = 1'-0" 16381

ANTHEM PROPERTIES

BUILDING 14 - WEST ELEVATION

10475-10631 No. 5 ROAD RICHMOND, BC RZ16-726337

TOWNHOUSE DEVELOPMENT

BUILDING 14 ELEVATIONS



INTEGRA ARCHITECTURE INC. 416 WEST PENDER STREET

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inf 0@ integra-arch.com
www.integra-arch.com



HardiePanel Siding
Smooth texture on Easy Trim
BM 2124-20 Trout Gray

HardiePlank Lap Siding ColorPlus Cedarmil texture, 6" exposure Timber Bark

4

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4

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8

C



D Fiber cement plank siding and Fiber cement plank soffit Woodtone 'Old Cherry'





HardieTrim Boards BM 2136 - 10 Black Knight ш



DP 17-774043 PLAN#4K 001242017

10475-10631 No. 5 ROAD RICHMOND, BC TOWNHOUSE DEVELOPMENT

RZ16-726337

Materials

ANTHEM PROPERTIES

[SCALE] [DATE] 12 - DP RESUBMISSION (188UR) [PROJECT] NOT TO SCALE Oct 01, 2017

[PROJECT] [SCALE]

> 1/16" = 1'-0" Oct 01, 2017

16381

SITE SECTIONS

ANTHEM PROPERTIES

TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

EXISTING

BUILDING 15

BUILDING 14

BUILDING 13

BUILDING 12

RZ16-726337

5 RD

BUILDING 15

BUILDING 8

LANE

VANCOUVER, BC VBB 175
T 604.688.4220 F 604.688.4270
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construction integra-arch.com
construction integra-arch.com
construction integral arch.com
construction in INTEGRA ARCHITECTURE INC. 416 WEST PENDER STREET

1 SITE SECTION - EAST / WEST A-1.050

EXISTING T.O. ROOF 10.02 1.46 AVG. GRADE **BUILDING 1**

2 SITE SECTION - NORTH / SOUTH/ WEST A-1.050

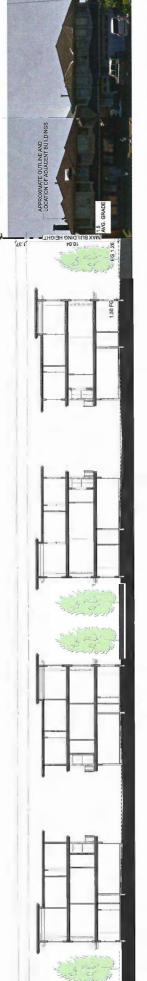
BUILDING 10 BUILDING 9 4.5 AVE EXISTING BUILDINGS

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BUILDING 11

DRIVE AISLE

SITE SECTION - NORTH / SOUTH 3 A-1.050



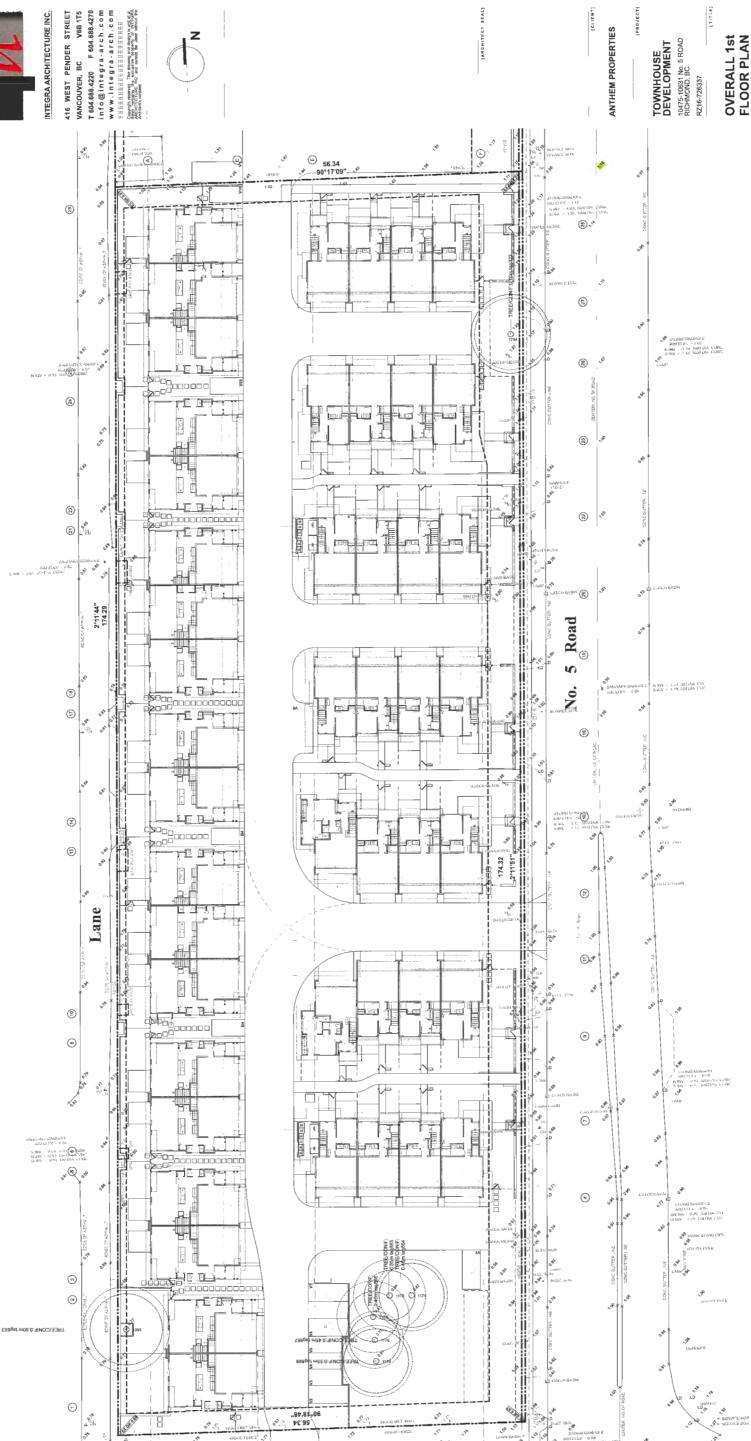
3 SITE SECTION - NORTH / SOUTH

12 - DP RESUBMISSION IISSUE OVERALL 1st FLOOR PLAN Oct 01, 2017 1" = 20' 16381

10475-10631 No. 5 ROAD RICHMOND, BC RZ16-726337

REFERENCE PLAN

DP 17-774043



A-1.200

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TOWNHOUSE DEVELOPMENT 10475-10631 No. 5 ROAD RICHMOND, BC

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OVERALL 3rd FLOOR PLAN

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Oct 01, 2017 (PATE)
12 - DP RESUBMISSION (1982/8) [PROJECT]



Report to Development Permit Panel

To:

Development Permit Panel

Date:

October 24, 2017

From:

Wayne Craig

File:

DP 15-708092

Director, Development

Re:

Application by 1004732 BC Ltd for a Development Permit at 6840,

6860 No. 3 Road and 8051 Anderson Road

Staff Recommendation

That a Development Permit be issued which would:

1. Permit the construction of an 11-storey, 18,700 m² (201,292 ft²), mixed commercial and residential building at 6840, 6860 No. 3 Road and 8051 Anderson Road on a site zoned "City Centre High Density Mixed Use with Office (ZMU31) - Brighouse Village".

Wayne Craig

Director, Development

Att. 7

Staff Report

Origin

1004732 BC Ltd. has applied to the City of Richmond for a Development Permit in order to develop an 11-storey, 18,700 m² (201,292 ft²), mixed commercial and residential building at 6840, 6860 No. 3 Road and 8051 Anderson Road. The site is being rezoned from "Downtown Commercial (CDT1)" to "City Centre High Density Mixed Use with Office (ZMU31) - Brighouse Village" under Bylaw 9510 (RZ 14-678448), which received third reading on February 20, 2017.

Key components of the development proposal include:

- A podium, mid-rise and tower form of development.
- Floor area comprised of approximately:
 - 1,149 m² (12,371 ft²) of retail space on the ground level.
 - 9,794 m² (105,420 ft²) of office space in an 11-storey tower component.
 - 7,757 m² (83,501 ft²) of multi-family residential space in a 10-storey mid-rise component.
- A total of 75 dwelling units including:
 - 67 one-storey apartment units (ranging from studio to three-bedroom units).
 - eight two-storey townhouse units.
- 5% of the residential floor area allocated to five affordable housing units.
- $158 \text{ m}^2 (1,706 \text{ ft}^2) \text{ of indoor and } 1,470 \text{ m}^2 (15,826 \text{ ft}^2) \text{ of outdoor common amenity space.}$

Through the rezoning, the project requires a Servicing Agreement, a District Energy Utility Agreement and a Housing Agreement. The Servicing Agreement works will include watermain, storm sewer, sanitary sewer and drainage upgrades, on-site and off-site street and lane frontage improvements, and a variety of off-site Transportation Demand Management (TDM) measures.

Background

The subject site is located in the City Centre's Brighouse Village on the northeast corner of No. 3 Road and Anderson Road. The site is currently being prepared for construction.

Development surrounding the subject site is as follows:

To the North: Three lots fronting No. 3 Road developed with low scale commercial buildings

and surface parking to the rear. In addition, two lots fronting Park Road developed with low-scale commercial buildings and surface parking facing the

street.

To the South: Across Anderson Road, four lots fronting No. 3 Road developed with low scale

commercial buildings and surface parking to the rear, and at

8080 Anderson Road, an affordable housing development that was approved with a floor area ratio (FAR) of 3.48 and a height of 43.5 m GSC (DP 12-605094).

To the East: An existing commercial and residential podium and tower development with

internal parking. Further to the east, a recently approved mixed-use podium and

tower development that is beginning construction (DP 13-645286).

To the West: Across No. 3 Road, the Richmond City Hall precinct with an eight-storey civic

building, landscaped grounds and a combination of underground and surface parking. In addition, across No. 3 Road, the Richmond Centre site, which is currently developed with a two-storey mall surrounded by surface parking and is

under application for amendment of the OCP (CP 16-752923).

In general, the surrounding area has been, or is likely to be, redeveloped with higher density commercial, residential and mixed used developments consistent with the City Centre Area Plan – Brighouse Village.

Rezoning and Public Hearing Results

The Public Hearing for the rezoning of this site was held on February 20, 2017, and following the Public Hearing the proposed Richmond Zoning Bylaw 8500, Amendment Bylaw 9510 received second and third readings. There were no specific design issues identified by Council, staff or the public to be resolved through the Development Permit process.

Staff Comments

The proposed development scheme attached to this report complies with the provisions of the proposed "City Centre High Density Mixed Use with Office (ZMU31) - Brighouse Village" site-specific zone. The application has satisfactorily addressed the urban design and form and character objectives of the Official Community Plan Policies (General and City Centre Area Plan) and Development Permit Guidelines (General, High-rise Housing and City Centre Area Plan).

Zoning Compliance/Variances

Please refer to the attached Development Application Data Sheet (Attachment 2) for a comparison of the proposed development data with the relevant bylaw requirements. No variances are proposed.

Affordable Housing Density Bonusing

The proposed development complies with the affordable housing density bonusing provisions of the "ZMU31" zone. Five percent of the residential floor area, or approximately 396 m² (4,259 ft²), will be secured as low-end market rental dwelling units, meeting the basic requirements of Table 1. Although the proposed development is less than 80 units, the developer has chosen to provide the affordable housing on-site rather than provide cash-in-lieu, consistent with the Affordable Housing Strategy at the time.

The proposed units are identified on the Development Permit plans. A Housing Agreement Bylaw and a Housing Covenant are required prior to final approval of the rezoning. The terms of the Housing Agreement will include requirements for integration of the affordable units with the market units, tenant access to the indoor and outdoor common amenity areas, and provision of parking spaces for the affordable housing units at no additional charge.

TABLE 1

	Afford	Project Targets (2)			
Unit Type	Minimum Unit Area	Maximum Monthly Unit Rent (1)	Total Maximum Household Income (1)	Unit Mix	# of Units
Bachelor	37 m ² (400 ft ²)	\$850	\$34,000 or less	0%	0
1-Bedroom	50 m ² (535 ft ²)	\$950	\$38,000 or less	40%	2
2- Bedroom	80 m ² (860 ft ²)	\$1,162	\$46,500 or less	60%	3
3-Bedroom	91 m ² (980 ft ²)	\$1,437	\$57,500 or less	0%	0
TOTAL		N/A	N/A	100%	5

(1) May be adjusted periodically, as provided for under adopted City policy.

(2) 100% of affordable housing units shall meet Richmond Basic Universal Housing (BUH) standards or better.

Advisory Design Panel Comments

The Advisory Design Panel was supportive of the proposed development. Members appreciated the reinterpretation of the more typical Richmond tower and podium form and the contributions to the surrounding public realm. A variety of small refinements to the landscape plans and façade details were recommended.

A copy of the relevant excerpt from the Panel Minutes, taken February 22, 2017, is attached for reference (Attachment 3). The design response from the applicant has been included in the minutes, identified in 'bold italics', immediately following each comment.

Analysis

Proposal Description

The massing of the proposed development is arranged to reflect the allocation of uses on the site. Double height retail spaces line both street frontages at the ground level and screen the internal parking from adjacent streets. The office uses are located in a 46.9 m (GSC) high tower component that overlooks both No. 3 Road and the interior podium-level courtyard. The residential uses are located in a 33.6 m (GSC) high midrise component that overlooks Anderson Road and the interior podium-level courtyard. Both components are set into a podium base, which is sized to express a continuous five-storey streetwall along No. 3 Road and a more residential two-storey scale along Anderson Road. Loading and five levels of parking are located within the podium. A two-storey high north-south lane runs through the podium from Anderson Road to the east-west lane and provides access to the parking entrances and loading bays.

Conditions of Adjacency

The proposed development is designed to respect both existing and future surrounding development as follows:

- <u>To the North No. 3 Road:</u> The proposed development addresses potential future development to the north by:
 - Providing for a zero-lot line continuous podium/streetwall where the parcels meet.
 - Providing for future tower separation by locating the proposed office tower away from the common property line.

- Providing an attractive, mid-block landscaped podium that will be visible from the site to the north.
- Providing interim visual interest for the temporarily exposed wall along the north property line with a combination of architectural concrete, painted concrete, and metal mesh panels.
- <u>To the North Park Road:</u> The proposed development addresses future development on these sites by:
 - Locating the bulk of the floor area toward the south and west areas of the subject site to support tower location flexibility on the sites to the north.
 - Providing an attractive, mid-block landscaped podium that will be visible from the site to the north.
 - Finishing the parkade wall along the lane with architectural concrete, painted concrete, and metal mesh panels to provide visual interest.
- <u>To the East Anderson Road:</u> There is an existing mixed commercial and residential podium and tower development immediately to the east of the subject site. The proposed development addresses the existing development by:
 - Locating most of the residential floor area in a mid-rise building with windows oriented to the street and lane rather than to the neighbouring development.
 - Providing landscape screening of podium- and roof-level common amenity areas where they may affect privacy for adjacent units.
 - Reducing the massing along the common property line, by stepping of the podium and provision of building setbacks in various areas above the podium.
 - Treating areas of exposed common wall with architectural reveals to improve the outlook for the adjacent, primarily commercial uses.
 - Providing an attractive outlook for the residents to the multi-level landscaped podium.
- To the South and West Anderson Road and No. 3 Road: The proposed development is separated from development to the south and west by City streets and is not expected to create significant impacts.

Urban Design - Public Realm

- Off-site Design The site is located along a section of No. 3 Road that is designated as an "art walk" in the City Centre Area Plan (CCAP). The frontage improvements for the development are proposed to be enriched in terms of the widths of the public realm components, the level of finishing and the inclusion of public art.
 - No. 3 Road Specific measures include:
 - A wider streetside boulevard, intended to preserve the existing street trees and incorporate a bus pad.
 - A wider bike lane and sidewalk to accommodate cyclist and pedestrian connections to and from the Canada Line station.
 - Materials and street furnishing specifications to be determined through the Servicing Agreement process.
 - Anderson Road Specific measures include:
 - An interim frontage treatment that leaves the curb in its current location and provides for a 2.0 m wide sidewalk and a 1.85 m wide boulevard.
 - Boulevard to be finished with a combination of hard surfaces, soft landscape and trees.

- Materials and street furnishing specifications determined through the Servicing Agreement process.
- Anderson Road Adjacent Frontage As part of the TDM measures, the developer will be undertaking improvements in front of the existing development to the east to both upgrade them and make them consistent with the block face.
- East-West Lane Specific measures include:
 - Frontage improvements on the north side of the subject site that will be constructed to City standards.
- Public Art Specific measures include:
 - A Public Art contribution, which has been secured as cash-in-lieu through the rezoning.
 - The contribution will be used in conjunction with contributions from other area developments to establish a comprehensive art installation program along No. 3 Road between Granville Avenue and the Brighouse Canada Line Station.
- On-site Design The on-site frontage components include the building setback areas along No. 3 Road and Anderson Road and the north-south lane connection accessed from Anderson Road.
 - Design of the ground level areas of the site include:
 - Gradually sloped transitions between the finished elevations of the sidewalk and the building's ground floor entries.
 - A 4.0 m building setback on both the No 3 Road and Anderson frontages that may be used to extend commercial spaces and activity into the outdoors.
 - Soft landscape set in planters combining trees, shrubs and perennials that are used to provide visual interest and define potential outdoor seating areas.
 - An enhanced north-south lane environment with decorative ground and wall finishing, including embedded lighting, to encourage pedestrian use and support public safety.
 - Design features of the building that contribute to the ground level open space include:
 - Commercial uses, with extensive glass storefronts (minimum 70% vision glass), facing the two City streets.
 - Commercial and residential lobby entrances that are inset from the storefronts.
 - Continuous glass-canopy weather protection over the storefronts.
 - Discreet canopies over the commercial and residential lobby entries.

Site and Functional Planning

- <u>Pedestrians</u> Pedestrian access is provided from the two streets including: to the ground level commercial units on both frontages; from No. 3 Road to the office lobby; and from Anderson Road to the residential lobby. Pedestrian access is provided to the ground level commercial parking area through a parking lobby located on No 3 Road, as well as from the north-south lane.
- <u>Cyclists</u> Commercial and residential bicycle storage is located in secure rooms in the
 Level 1 parkade. These have good access to both the drive aisle system and the internal
 building circulation. Male and female bicycle facilities are provided for the commercial uses
 as a TDM measure. These were secured by legal agreement through the rezoning.

- <u>Vehicles</u> Vehicle access is provided from Anderson Road and from the north-south lane.
 Commercial and residential parking are secured separately and are accessed from both sides of the lane.
- Parking The proposed parking meets the required parking as per the Zoning Bylaw.
- <u>Loading</u> Three medium-sized truck-loading spaces are provided and are accessed from the north-south internal lane. Two of the medium truck loading spaces may be combined to create a large-sized truck space, as per the Zoning Bylaw.
- <u>Waste Management</u> There are two waste storage areas (commercial and residential) at the south end of the development. Pickup will occur in the loading laybys adjacent to the north-south lane.
- On-site Functional Plans The applicant has provided various draft plans demonstrating the location and functionality of truck manoeuvring, waste management facilities and on-site utilities (Attachment 4).

Architectural Form and Character

- Massing: The proposed massing distinctly expresses the retail, office and residential components of the development, providing good legibility for the building and the public realm. Office uses face No. 3 Road and residential uses face Anderson Road. The tower massing is concentrated toward the two street frontages, which will enhance streetscape definition and animate the streets with active uses.
- <u>Streetscape</u>: The typical required CCAP street setback/build-to line is 3.0 m. Consistent with the site-specific zone, the proposed street-setback/build-to lines are:
 - On No. 3 Road, 3.8 m on the ground level and 0.84 m above the ground level; and
 - On Anderson Road, 3.8 m on the ground level and 1.52 m above the ground level (office tower only). This inverts the more characteristic podium forward and tower back relationship of City Centre development.

These setbacks were supported by staff at rezoning because:

- The proposed development already accommodates a deep back-of-curb public realm along No. 3 Road, established to align with the typical Canada Line guideway setback to the north.
- The proposal provides deeper building setbacks (3.8 m) at the ground level, which add to the effective size of the public realm on both streets.
- The office tower massing establishes hierarchy between the major and minor streetscapes.
- In the context of the large treed open space in front of City Hall, a tower forward approach helps to spatially contain and define the street.
- The alternate form of development adds visual and spatial variety to the overall City building fabric.
- <u>Podium:</u> The internal rooftop podium is wrapped with both commercial and residential uses
 of different heights and architectural expression. Further, the podium itself is stepped.
 Together, these elements create a varied and active outdoor environment for the use of the
 commercial and residential building occupants, as well as for viewing from surrounding
 developments.
- <u>Skyline</u>: The proposed development has different height massing components, which increases skyline interest. The office tower includes a strong frame element rising above the top floor. These elements define the building at the skyline, as well as masks the more

- utilitarian mechanical equipment areas located toward the centre of the roof. The residential midrise includes stepped massing for visual interest, and is topped with the indoor amenity space and a landscaped common outdoor amenity area.
- <u>Façade Expression:</u> The proposed building facades incorporate three different cladding languages. The podium is expressed as a glass box and faced with a simply patterned window wall. The main office and residential components are expressed as framed boxes set into the podium. Inside the frames, the window wall, sunshade and balcony treatments are varied to express the different uses and orientation conditions, as well as to provide visual interest.
 - For the office component, the north and south facades have curtain wall with randomly sized and spaced framing, plus sunshades on the south façade. The east and west façades include additional metal framing along with the random window spacing and sizing. The west façade includes an inset balcony with mock wood grain finishing for added visual interest.
 - The framed portion of the residential component, which faces north and south, has regular window spacing along with mock wood grain finishing on some of the vertical spandrel panels and overhang soffits. The balconies are articulated with a random pattern of clear glass railings and glass railings combined with metal panel upstands. The east walls of the residential component are clad in metal panels with a limited number of window openings and mock wood grain finished metal panels. Horizontal and vertical expression is more or less balanced on the office component whilst the residential component emphasizes horizontal lines.
 - Basic materials used in the project include the metal panels, vision and spandrel glass, architectural concrete and decorative metal screens. Colours for the different materials range from white through grey to blue-grey with the mock wood grain metal panel highlights.

Livability Features

• <u>Accessibility</u> – The proposed development will provide a variety of accessible unit types to address different abilities needs, as identified in the following table and on the architectural floor plans.

Туре	Affordable	Market	Intent	Standard
Aging in Place	0	66	- Support mobility and usability	Refer to
Adaptable + Basic Universal Housing	4	4	- Renovation potential for wheelchair plus added floor area for manoeuvring	drawings.
Barrier Free	1	0	- Move in with wheelchair - Includes basic universal housing	

The features related to each accessible unit type are identified on the plans and in the Accessibility Checklist (Attachment 5).

- <u>Safety (CPTED)</u> The proposed development will include a variety of safety features consistent with the principles of Crime Prevention through Environmental Design as described in the Safety (CPTED) Checklist provided by the applicant (Attachment 6).
- <u>Noise Mitigation</u> The proposed development will include a variety of features that address aircraft, traffic, land use and ambient urban noise as recommended in the acoustic consultant

- report(s) provided by the applicant and subject to legal agreements required through the rezoning. Further to the legal agreements required through rezoning, a commercial noise covenant is required as a Development Permit Consideration.
- Amenity Space Residential A range of residential amenity spaces is provided, as follows:
 - Common Indoor Amenity Space A fitness facility, with direct access to the podium-level outdoor amenity space, and a rooftop gathering space, with access to a rooftop outdoor common amenity space, are proposed.
 - Common Outdoor Amenity Space Outdoor amenity areas include a large, podium-level open space on Level 5, with hard and soft landscaping and a variety of seating areas; an urban agriculture patio on Level 7; and, a large rooftop patio on Level 10, with a child's play area, a BBQ, seating and games areas. The proposed outdoor amenity areas provide for a good range of activity, sun access and outlook opportunities. All common outdoor areas will be provided with automatic irrigation and gas hook ups.
- Private Outdoor Amenity Space All residential units are provided with attached private open space in the form of balconies or patios.

Residential Amenity Space	Guideline	Proposed	
Amenity Space – Common Outdoor:	938 m ²	1,470 m ²	
Amenity Space - Common Child Play:	225 m ²	225 m ²	
Amenity Space - Common Indoor:	135 m ²	158 m ²	
Amenity Space – Private Outdoor:	450 m ²	1,336 m ²	

• Amenity Space - Commercial: A range of commercial amenity space will be provided, including outdoor patios at Levels 4 and 6 and a balcony at Level 9. These patios may or may not be common to the all the office uses, depending on final leasing arrangements. The Level 4 patio is shown in association with a fitness facility for the commercial tenants.

Landscape Form and Character

- Ground Level The ground level design includes potential for outdoor patio seating or display spaces on both street frontages, as well as an enhanced environment for the north-south lane that runs through the building. The finishing of the storefront patios is cast-in-place concrete paving with a large grid pattern. The patio areas are bordered along No. 3 Road by the adjacent City sidewalk and along the Anderson Road property line by the sidewalk and intermittent raised planters with integrated seating. The planters include deciduous trees for summer shading of the storefront areas. The north-south lane includes special ground, wall and ceiling finishing in the section adjacent to Anderson Road. The finishing includes multi-coloured, irregularly patterned, rectangular strips with staggered embedded lighting.
- Podium Levels There are a variety of developed outdoor spaces for the commercial and residential podium levels. The proposed landscape design includes a range of paving, planter and trellis shapes, which are located on different levels, but are intended to be read as a whole when viewed from the higher levels of the subject development and from surrounding development. The associated seating areas, activity areas and circulation paths run on the diagonal and offer a geometric counterpoint to the more angular/orthogonal building design. The urban agricultural area has south and west sun exposure and includes raised planters and

- small tables with seating. Where needed, landscape screening in the form of trees and hedging provide privacy and/or visual interest for the existing building to the east.
- Rooftop Level The main communal residential outdoor amenity space is located on the roof of the main residential building component and is directly associated with an indoor amenity space. There is a children play area with ball, Blokx and metal tube play equipment, as well as recreational, eating and lounging areas.
- <u>Letter of Credit</u> A landscape letter of credit for \$705,008.70 is required prior to issuance of the Development Permit.

Sustainability Features

- <u>Sustainability</u> The proposed development will include a variety of sustainability features, including LEED Silver equivalency, as described in Sustainability Checklist provided by the applicant (Attachment 8).
- <u>Green Roofs</u> In addition to the landscaped outdoor space, the proposed development includes extensive green roof on Office Level L6.
- <u>District Energy Utility</u> As a consideration of rezoning, the proposed development will be DEU-ready.

Conclusions

Staff recommends endorsement of the attached development application proposal. It generally conforms to the provisions of the ZMU31 zoning and addresses relevant OCP and CCAP DP Guidelines. The distribution of uses and of building masses provides a strong public realm interface and respects existing and future developments. A variety of off-site and on-site improvements will enhance the City's public realm, transportation and utilities infrastructure. The proposed design of the architecture and landscape architecture is attractive, functional and liveable.

On this basis, staff recommend support of this Development Permit application.

Janet Digby, Architect AIBC

metal

Planner 3

(604-247-4620)

JD: blg

Attachments:

Attachment 1 Development Permit Considerations
Attachment 2 Development Application Data Sheet
Attachment 3 Advisory Design Panel Minutes
Attachment 4 On-site Functional Plans
Attachment 5 Accessibility Measures Checklist
Attachment 6 Safety (CPTED) Measures Checklist
Sustainability Measures Checklist



Development Permit Considerations

File No.: DP 15-708092

Address:

6840, 6860 No. 3 Road & 8051 Anderson Road

Prior to Development Permit issuance, the developer is required to address the following considerations and conditions.

- 1. Receipt of a Letter-of-Credit for landscaping in the amount of \$705,008.70.
- 2. Registration of a commercial noise covenant on Title, to the satisfaction of the City, indicating that commercial uses are required to mitigate unwanted noise and demonstrate that the building envelope is designed to avoid noise generated by the internal use from penetrating into residential areas that exceed noise levels allowed in the City's Noise Bylaw and that noise generated from rooftop HVAC units will comply with the City's Noise Bylaw.

Prior to Building Permit Issuance, the developer must complete the following requirements:

- 3. Incorporate information into the Building Permit plans (inclusive of architectural, landscape and other plans, sections, elevations, details, specifications, checklists and supporting consultant work), as well as any additional items referenced in "Schedule B: Assurance of Professional Design and Commitment for Field Review, including but not limited to:
 - i. Statutory rights-of-way, easements, encroachments, no build areas, agreements and other legal restrictions.
 - ii. Flood construction level(s).
 - iii. Use, density, height, siting, building form, landscaping, parking and loading and other zoning provision requirements.
 - iv. Approved form and character (e.g. massing, building components, materials, detailing and colour).
 - v. Signage size and location.
 - vi. Site access and vehicular crossings.
 - vii. The required end-of-trip facilities.
 - viii. The required car share spaces and signage identification.
 - ix. The required shared commercial/visitor parking stalls.
 - x. The required EV-charging and EV-ready vehicle parking stalls.
 - xi. The details of the truck manoeuvring plan including, but not limited to turning templates and clear height requirements.
 - xii. The details of the waste management plan including, but not limited to storage and loading facilities.
 - xiii. The location of areas reserved for DEU connection facilities and notations regarding DEU pre-ducting and acceptable in-unit mechanical equipment.
 - xiv. The required affordable housing units, including their size and location.
 - xv. The required aging in place, basic universal, accessible, adaptable and/or convertible dwelling units, as the case may be, including their associated design features.
 - xvi. The identified site and building accessibility measures on the plans, where relevant.
 - xvii. The identified safety measures (CPTED) checklist and identification of specific recommended measures on the plans, where relevant.
 - xviii. A LEED Checklist with measures recommended by a LEED AP BD+C to achieve LEED Silver equivalency including specific measures to be incorporated into the Building Permit plans.

- xix. The additional sustainability measures identified in the sustainability checklist attached to the DP Panel report.
- xx. Measures to be incorporated into the Building Permit drawings to achieve the exterior and interior noise levels and other noise mitigation standards articulated in the aircraft, mixed-use, commercial or other noise-related covenants and bylaws, as recommended in acoustic and/or mechanical report submitted with the Development Permit application.
- xxi. The required residential common indoor, common outdoor and private outdoor amenity areas including their location, size, use and finishing.
- xxii. The location and specifications for landscaping including requirements for automatic irrigation and hose bibs.
- xxiii. The location and dimensions of any on-sire and off-site tree protection fencing illustrated in the Arborist Report and/or Tree Management Plan submitted with the DP application.
- xxiv. The location and details of any required replacement trees.
- 4. Submission of fire flow calculations signed and sealed by a professional engineer based on the Fire Underwriter Survey to confirm that there is adequate available water flow.
- 5. Submission of a Fire Safety Plan applicable for the duration of construction to the satisfaction of the Richmond Building & Fire Departments.
- 6. Submission of a Construction Parking and Traffic Management Plan to the Transportation Department. The plan shall include location for parking for services, deliveries, workers, loading, application for any lane closures, and proper construction traffic controls as per Traffic Control Manual for works on Roadways (by Ministry of Transportation) and MMCD Traffic Regulation Section 01570. (http://www.richmond.ca/services/ttp/special.htm).
- 7. Issuance of a Building Permit (BP) for any construction hoarding. If construction hoarding is required to temporarily occupy a public street, the air space above a public street, or any part thereof, additional City approvals and associated fees may be required as part of the Building Permit. For additional information, contact the Building Approvals Department at 604-276-4285.

Notes:

- 1. Some of the foregoing items may require a separate application.
- 2. Where the Director of Development deems it appropriate, required legal agreements are to be drawn as not only personal covenants of the property owner, but also as covenants pursuant to Section 219 of the Land Title Act.

All agreements to be registered in the Land Title Office shall have priority over all such liens, charges and encumbrances as is considered advisable by the Director of Development. All agreements to be registered in the Land Title Office shall, unless the Director of Development determines otherwise, be fully registered in the Land Title Office prior to enactment of the appropriate bylaw.

The legal agreements shall provide security to the City including indemnities, warranties, equitable/rent charges, letters of credit and withholding Permits, as deemed necessary or advisable by the Director of Development. All agreements shall be in a form and content satisfactory to the Director of Development.

- 3. Additional legal agreements, as determined via the subject development's Servicing Agreement(s) and/or Development Permit(s), and/or Building Permit(s) to the satisfaction of the Director of Engineering may be required including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, pre-loading, ground densification or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.
- 4. Applicants for all City Permits are required to comply at all times with the conditions of the Provincial Wildlife Act and Federal Migratory Birds Convention Act; which contain prohibitions on the removal or disturbance of both birds and their nests. Issuance of Municipal Permits does not give an individual authority to contravene these legislations. The City of Richmond recommends that where significant trees or vegetation exists on-site, the services of a Qualified Environmental Professional (QEP) be secured to perform a survey and ensure that development activities comply with all relevant legislation.



Development Application Data Sheet

DP 15-708092	
Address:	6840, 6860 No. 3 Road & 8051 Anderson Road
Owner/Applicant:	1004732 BC Ltd. (c/o – Matt Stogryn, IFortune Homes)

DP 15-708092 (RZ 14-678448)	Rezoning	Development Permit
Land Uses:	Downtown Commercial/Residential	Downtown Commercial/Residential
Zoning:	ZMU31	ZMU31
Site Area (before and after dedications):	5219.39 m ² / 4778.50 m ²	5219.39 m ² / 4778.50 m ²
Net Development Site Area (for floor area calculation):	4881.26 m ²	4881.26 m ²
Number of Residential Units Total:	75 (70 market + 5 LEMR)	75 (70 market + 5 LEMR)

DP 15-708092	Required/Permitted	Proposed	Variance
Residential FAR (max):	1.6	1.59	
Commercial FAR (max):	2.25	2.24	
Indoor Amenity Space:	0.1	0.03	
Total FAR (max:	3.85	3.83	
Floor Area (max):	18,796 m ²	18,700.64 m ²	
Lot Coverage (max):	90%	64%	
Setback – Front Yard (min):	3.8/0.8 m	3.8/0.8 m	
Setback – Exterior Side Yard (min):	3.8/1.5 m	3.8/1.5 m	
Setback – Interior Side Yard (min):	0.0 m	0.0 m	
Setback – Rear Yard (min):	0.0 m	0.0 m	
Setback – Public Open Space at doorways (min):	1.5 m	1.5 m	
Height Dimensional (GSC) (max):	47.0 m	46.94 m	
Height Accessory (max):	12.0 m	n/a	
Subdivision/Lot Size (min):	4780 m ²	4882 m ²	
Off-street Parking – Commercial (incl. Accessible, EV) (min):	158	n/a	
With TDM Reduction (10% on commercial parking):	143	150	
Off-street Parking – Residential (incl. Accessible, EV) (min):	75	84	
With TDM Reduction (0% on residential parking):	n/a	n/a	
Off-Street Parking – Car Share (min):	2	2	
Off-street Parking – Total (incl. Accessible, EV, CS) (min):	220	236	

Off-Street Parking – Visitor Parking (shared) (min):	15	15	
Off-Street Parking – Disabled (Commerc'l + Resident'l) (min):	3+2	3+2	
Small Car Stalls (max):	50%	48%	
Class 1 Bicycle Parking – Commercial (min):	25	27	
Class 2 Bicycle Parking – Commercial (min):	36	44	
Class 1 Bicycle Parking – Residential (min):	94	94	
Class 2 Bicycle Parking – Residential (min):	15	15	
Loading – Medium (min per rezoning):	3	3	
Loading – Large (min per rezoning):	2	2	
Amenity Space – Common Outdoor:	938 m²	1,470 m ²	
Amenity Space – Common Child Play:	225 m ²	225 m ²	
Amenity Space – Common Indoor:	488 m²	158 m ²	
Amenity Space – Private Outdoor:	450 m ²	1,336 m ²	_

Excerpt from the Minutes of the Advisory Design Panel Meeting

Wednesday, February 22, 2017 – 4:00 p.m. Rm. M.1.003 / Richmond City Hall

2. DP 15-708092 – 12-STOREY HIGH-RISE, HIGH DENSITY MIXED USE RETAIL, OFFICE AND RESIDENTIAL WITH APPROXIMATELY 75 APARTMENTS, INCLUDING 5 AFFORDABLE HOUSING UNITS

ARCHITECT:

GBL Architects

PROPERTY LOCATION:

6840 & 6860 No. 3 Road and 8051 Anderson Road

Applicant's Presentation

Daniel Eisenberg, GBL Architects, and Grant Brumpton, PWL Partnership, presented the project and answered queries from the Panel.

Panel Discussion

Comments from the Panel were as follows:

- consider introducing a green roof over the mechanical equipment on the lower office roof to improve its appearance as viewed from the upper floors;
 - RESPONSE: The mechanical room has been removed and replaced with a smaller louvered/open-air enclosure for an air-handling unit and heat-rejection units. Please refer to A3.07. The overall area of the green roof has increased.
- consider a bigger tree species on the inside row of street trees along Anderson Road for a more formal landscape treatment and to provide significant canopies along the Anderson Road streetscape; will also provide a more appropriate landscaping treatment to a large south-facing building façade with good sun exposure;
 - RESPONSE: A larger tree species will be provided as recommended.
- proposed rooftop amenity spaces are well organized;
- consider introducing structures (e.g., storage shed and harvest table) and informal play space for children to support urban agriculture program area;

RESPONSE: Storage has been integrated into one of the planters. We believe the area provides sufficient area for informal children's play including riding trikes. Outdoor food preparation and dining facilities are available at other shared amenity areas nearby. We considered adding a harvest table to this amenity area, but it would require the reduction of urban agriculture planter area.

• consider introducing more trees on the rooftop outdoor amenity area for the residential mid-rise to provide shading to the children's play area at the southwest corner; appreciate the indoor amenity area adjacent to the outdoor amenity space;

RESPONSE: Shade trees have been added.

• consider maximizing the green roof area and making it an intensive green roof in view of the significant sun exposure to the rooftop;

RESPONSE: Extensive green area has been reduced and accessible roof area has been increased. Program elements have been adjusted to suit.

- appreciate the public aspects of the proposed development, particularly the continuous use of glass façade at ground level; hope that the future development to the north will have an appropriate interface with the subject development;
- appreciate the materials package provided by the applicant which include the design rationale, diagrams, and previous and current proposals; helped the Panel better understand the project;
- support the project in general; overall massing and urban character of the buildings
 are appropriate for the site context; residential mid-rise with horizontal expression
 complements the verticality of the office tower; the project will be a good addition
 to the neighbourhood;
- appreciate the design of the ground level north-south lane under the residential midrise building; proposed lighting in the lane will enhance its visibility and visual appeal;
- review the finer details in the materiality of the buildings, e.g., the way in which claddings are joined to each other;

RESPONSE: Finer details are being developed and will be submitted at BP stage. Please refer to A5.11, A5.13, A5.14, A8.01, A8.02, A8.03, & A8.05.

 consider larger glass panels on the curtain wall on the west facade as opposed to smaller glass panels;

RESPONSE: Bigger glass panels will be considered (5 ft. modules where possible). Please refer to A10.01 through A10.04.

patterning of the glazing on the north and south facades of the office tower are different; tie-in the patterning on the two facades of the office tower to enhance the overall visual appeal of the office tower;

RESPONSE: Both patterns will be revised to tie-in the patterning. Please refer to A10.01 and A10.04.

 consider longer and more elegant louvers on the southern façade of the office tower to provide more shading;

RESPONSE: Louver details to be provided at BP stage. Please refer to detail #1 on sheet A8.02.

 consider design development to the vertical dividers between the residential units along the continuous balconies in the mid-rise residential building to enhance the appearance of the building;

RESPONSE: Balcony screen details to be provided at BP stage.

 generally support the proposed cladding materials; however, ensure the proposed alucobond brushed metal finishes are not too reflective;

RESPONSE: A material sample board has been submitted. Applicant will revise materials upon recommendations of Staff.

- applicant has addressed all issues previously raised by the Panel and proposed responses are satisfactory; applicant made a clear presentation on the past and current versions of the proposed development;
- the proposed development is well thought out and will provide a good precedent for other high-density projects in the neighbourhood; and
- the proposed development is supported as it achieves (i) improvements in grade level relationships between the buildings and immediate context, (ii) urban street edges, (iii) appropriate building separations, and (iv) clearly defined spatial boundary.

Panel Decision

It was moved and seconded

That DP 15-708092 be supported to move forward to the Development Permit Panel subject to the applicant giving consideration to the comments of the Advisory Design Panel.

CARRIED

WASTE COLLECTION DIAGRAM - SIDE LOADING





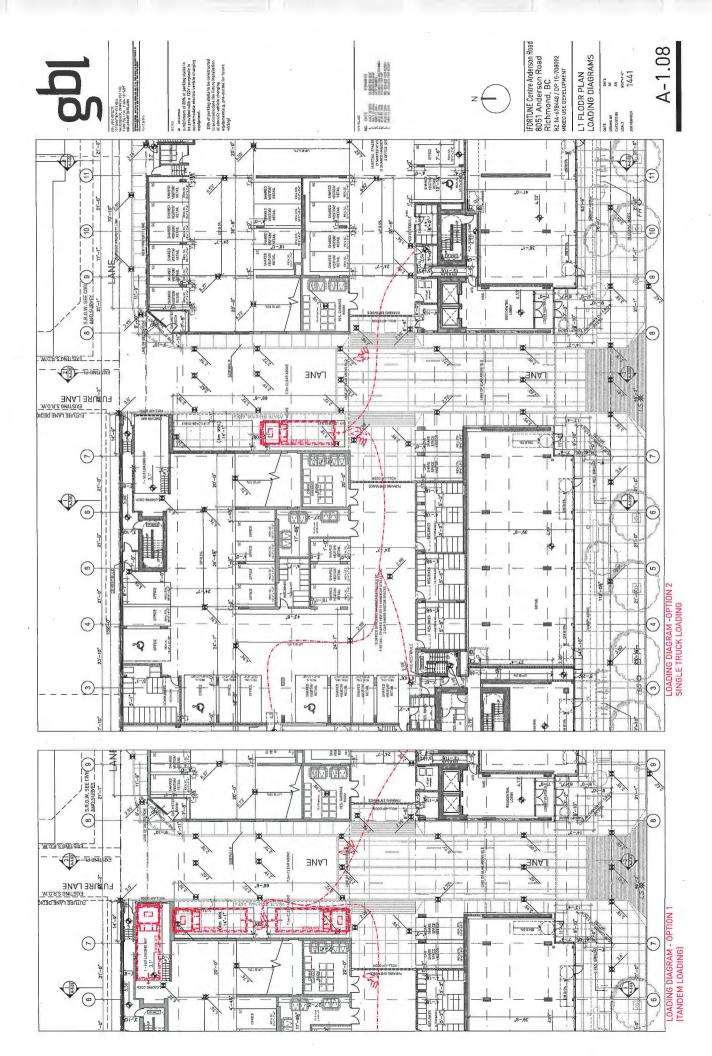
IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIKED USE DEVEL CPMENT

GARBAGE COLLECTION
DIAGRAMS
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S.R.O.W. SEE CIVIL 9 (0) EXISTING S.R.D.W. TJ ONIL SIX3 **BNAJ** FURURE LANE

FURURE LANE 6 (9)





Accessibility Measures:

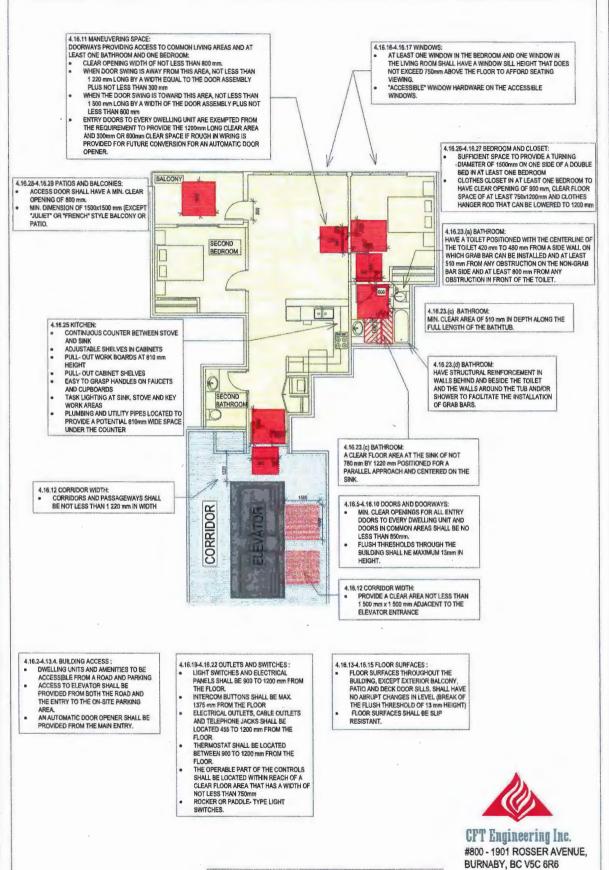
Туре	Affordable	Market	Intent	Standard
Aging in Place	0	66	- Support mobility and usability	Per OCP
Adaptable + Basic Universal Housing	4	4	- Renovation potential for wheelchair plus added floor area for manoeuvring	Per BCBC and RZB
Barrier Free	1	0	- Move in with wheelchair - Includes basic universal housing	Per BCDH

DEFINITION OF RESIDENTIAL UNIT TYPES:

AGING IN PLACE: PER OCP, PAGE 3-17, UNITS WILL HAVE HANDRAILS ON BOTH SIDES OF STAIRWELLS, LEVER TYPE HANDLES FOR PLUMBING FIXTURES AND DOORS, AND SOLID BLOCKING IN BATHROOMS TO FACILITATE GRAB BAR INSTALLATION NEAR TOILET, BATHTUB AND SHOWER.

ADAPTABLE (OR "UNIVERSAL ACCESS": PER BCBC 2012 SECTION 3.8, UNITS WILL HAVE CLEARANCES IN FRONT OF DOORS, BATHTUBS, SHOWERS, TOILETS AND VANITIES. KITCHENS WILL HAVE CONTINUOUS COUNTERSPACE BETWEEN RANGE AND SINK, UNITS WILL BE PRE-WIRED FOR INSTALLATION OF VISUAL ALARM SYSTEMS. ALL OUTLETS WILL BE NO LESS THAN 18" AFF AND NO MORE THAN 3' AFF. ALL CONTROLS AND SWITCHES WILL BE NO MORE THAN 48" AFF, SEE BCBC 2012 AND CFT CODE REPORT FOR FURTHER DETAILS.

BARRIER FREE: PER OCP PAGE 3-18, UNIT WILL MEET ALL REQUIREMENTS OF ADAPTABLE, OR "UNIVERSAL ACCESS", AS WELL AS: GRAB BARS IN BATHROOMS AT TOILET AND SHOWER / TUB LOCATIONS, COUNTERTOPS NO MORE THAN 32" AFF. VANITIES AND KITCHEN CUPBOARDS WITH KNEE SPACE UNDERNEATH SINK AND RANGE LOCATIONS, ONE WHEEL-IN SHOWER STALL PER UNIT, ALL CORRIDORS AT LEAST 42" WIDE, ALL APPLIANCES TO BE ACCESSIBLE TO 48" AFF.



RICHMOND ZONING BYLAW 8500 BASIC UNIVERSAL DESIGN FEATURES PH: 604-684-2384

FAX: 604-684-2402

MAY 28, 2013

Safety (CPTED) Measures:

- Entrance to parking from the lane is protected by overhead gates.
 Additional gate between residential and commercial are provided to minimize theft.
- Well lit parking areas with use of white paint throughout to enhance brightness and security.
- Secured garbage/recycling, storage and bike rooms.
- Electronic security features to lobby and other entries to limit and control access.
- Maximized visibility avoiding end-end corridors.
- Covered portion of the lane will be well lit and finished with high quality graffiti proof wall cladding,
- Glazing in all vestibule doors and enclosed corridors.
- Additional safety windows on side walls of vestibules in parkade for more view angles.
- Continuous retail frontage at grade along both streets with access to parking from one main commercial lob

Sustainability Narrative

April 1, 2018

TES-

Mail Slegyn, Daniel Eisenberg

Kenin Welsh

RE:

iFortune Green Building Features

Project Goals

This project and design learn are committed to embracing green building operations. The project will be registered with the Canadian Green Building Codesignation of Silver Inrough LEED® 2008 for New Construction and Major

Green Building Stratege
Messures being implemented to demonstrate (Fortune's sustainability performs
represent 64 points in the LEED® 2008 Core & Shell rating system and include
What follows is a detailed description of how these largets will be reached als
the development, in altempts to reach LEED® Silver:

Sandaireable Silver

Sustainable Siles-The sile of the project is located in a dense downtown urban core, with upti-public transit uptions. Within a 400 m radius (approx. 5 minute walls) the within 1800 m (approx. 10 minute walls) lies access to the Richmond Rigi transit combined with local access to car share vehicles within 400 m, th adianatign for cartess commuters.

Urban heat island effect will also be mitigated through the use of parking : and reflective region surfaces.

The project will address water management through law design approach flow plumbing fedures, the project will be targeting a 40% reduction in the Secondy, through the selection of drought resistant regetation and maker provide a smart, integrated, approach to reducing demand on the City's male eated water supplies.

Energy and Atmosphere.

To achieve a minimum of five EAct predits or a 18% reduction from ASH high performance building envelope, mechanical system, and electrical declaration from ASH high performance building envelope, mechanical system, and electrical declaration from ASH high performance with the ASH high performance and the ASH high performance. We will be added to the ASH high performance. We will be added to the ASH high performance and the ASH high performance are also and the ASH high performance and the ASH high performanc and LEED EAct points.

In addition to its high performance design, the development will be commit and energy management of the entire development for the duration of continues energy savings and eminormental benefit beyond the initial des

print date 29/03/2016

Required

Required

Construction waste management will be an integral part of the building page.

Through smart product selection, packaging and harsport. Furthermore, 400.

ssed through a comprehensive waste management plan, details Required discussion of standard definite from hardful. Recorded contract will be sought [Is, Floors, and Roof stated and glass components, reducing the impact of estracting of virgin re-value in the recycling chain and so once the service life of the proposed built into near builting multiplies is a middle option. 1 - 2 1-2 Index Environmental Quality 1-2

Indoor Environmental Quality
1-2

To further improve the indoor air quality of the building, interior finishes a

1 fite quantities of hormful Volatile Organic Compounds (VOCs) released potential air contamination from construction activities, an Indoor Air Quality Construction and pre-construction meet and ensemble of the State of Construction and pre-construction meet and ensemble of the State of Construction (State of Construction and State of Construction and State of Construction (State of Construction (

Immovation in Design and Regional Priority—
To immovite, the project will consider the use of green education and greaccaparts with the information they need to improve their own overall sucks project. Other opportunities being considered include the use of LED light highly toole mercury commonly found in florescent lighting features.

Design of Sealants

As Sealants nd Sealants

As strategies discussed above support a holistic approach to reducing the projectings while simultaneously providing a heality downtown likestyle supportine of a red, of LEED, the strategies discussed above are amongst those targeted to active. Vood and Agrifibre Products

Through adoption the proposed energy performance parameters as cultimed file Control Modeling Report, Frotune's sustainability strategy was able to focus on build, imfort Where the parameters identified for a minimum of 5 EAc1 points <u>mi</u> to be in alternatives would need to be considered:

SSo4.3: Electric Vehicle Charging (3 points)

-Provide class 8 charging stations for 3% of the project's total parting
-Designate those spaces with signage to be for EV straying only

EAcS-Messurement and Verification (2 points)
-Develop a project specific Messurement and Verification plan for insten

-Develop a project squarms inscournes in our vice-manning management of the building's energy concernation measures one;

Install additional metering and update Energy model after nocupants; or mance-(SSc4.1 or SSc7.1)

Where additional energy savings to be found through the use of the View Cape Management Plan) commercial buildings. The additional saving found could allow for the eliminate lighting) interests on the View of the Cape intensive credits like the following:

55c.5.1 Protect and Restone open Space (1 Point)

-Provide at least 2072 of site area in accessible native vegetation

-Source 20% (by cost) of project materials within 800 long of the projectly: SSc2 - Development Density

Considering these and other regions available to the project the LEED Salars et nly: WEc3 - Water Use Reduction case the energy performance of the building has been affirmed.



OBL ARCHITECTS
139 EAST 8TH AVENUE
VANCOUVER, CANADA V5T 1R8
T 604 726 1156 F 604 721 5279
GBLARCHITECTS.COM

COMMENT RESPONDE THE PLAN ARE RESPONDED AND AND ALL MADE PRACTICATION OF THE WINDOWS OF THE PLAN AND ALL VALUE OF REPRODUCED AND ALL WAS SHEET UP-SHEET OF

REVISIONS

REMARKS REMARKS
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IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092

MIXED USE DEVELOPMENT

SUSTAINABILITY

DATE CHECKED BY DATE

SCALE A-1.04



Development Permit

No. DP 15-708092

To the Holder:

1004732 BC LTD.

Property Address:

6840, 6860 NO. 3 ROAD & 8051 ANDERSON ROAD

Address:

C/O 415 - 5811 COONEY ROAD

RICHMOND, BC V6X 3M1

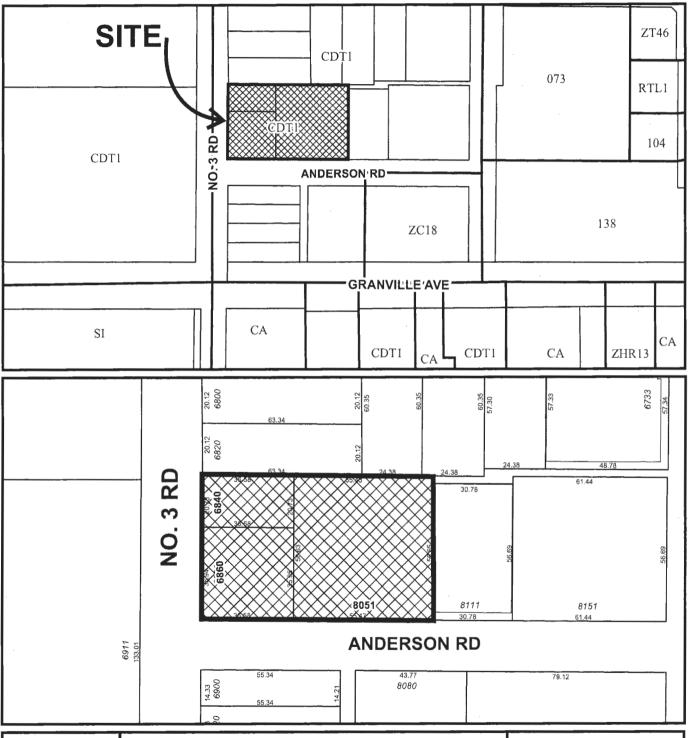
1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.

- 2. This Development Permit applies to and only to those lands shown crosshatched on the attached Schedule "A" and any and all buildings, structures and other development thereon.
- 3. Subject to Section 692 of the Local Government Act, R.S.B.C.: buildings and structures; off-street parking and loading facilities; roads and parking areas; and landscaping and screening shall be constructed generally in accordance with Plans #1 to #55 attached hereto.
- 4. Sanitary sewers, water, drainage, highways, street lighting, underground wiring, and sidewalks, shall be provided as required.
- 5. As a condition of the issuance of this Permit, the City is holding the security for \$705,008.70 to ensure that development is carried out in accordance with the terms and conditions of this Permit. Should any interest be earned upon the security, it shall accrue to the Holder if the security is returned. The condition of the posting of the security is that should the Holder fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the City may use the security to carry out the work by its servants, agents or contractors, and any surplus shall be paid over to the Holder. Should the Holder carry out the development Permitted by this Permit within the time set out herein, the security shall be returned to the Holder. The City may retain the security for up to one year after inspection of the completed landscaping in order to ensure that plant material has survived.
- 6. If the Holder does not commence the construction Permitted by this Permit within 24 months of the date of this Permit, this Permit shall lapse and the security shall be returned in full.

Development Permit No. DP 15-708092

	No. Bi 10-7000
To the Holder:	1004732 BC LTD.
Property Address:	6840, 6860 NO. 3 ROAD & 8051 ANDERSON ROAD
Address:	C/O 415 – 5811 COONEY ROAD RICHMOND, BC V6X 3M1
	•
AUTHORIZING RESOLUT DAY OF ,	ION NO. ISSUED BY THE COUNCIL THE
DELIVERED THIS D	OAY OF .
MAYOR	







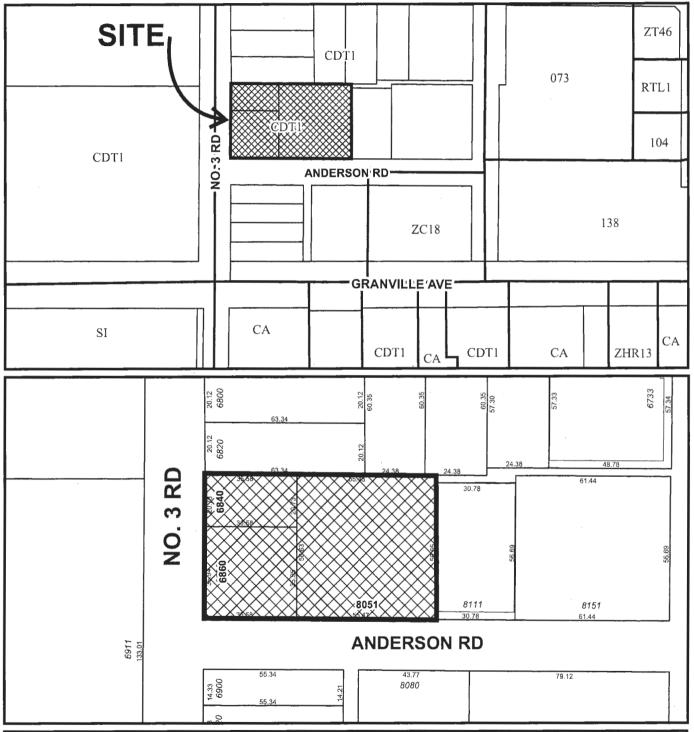
DP 15-708092

Original Date: 09/15/15

Revision Date: 08/08/16

Note: Dimensions are in METRES





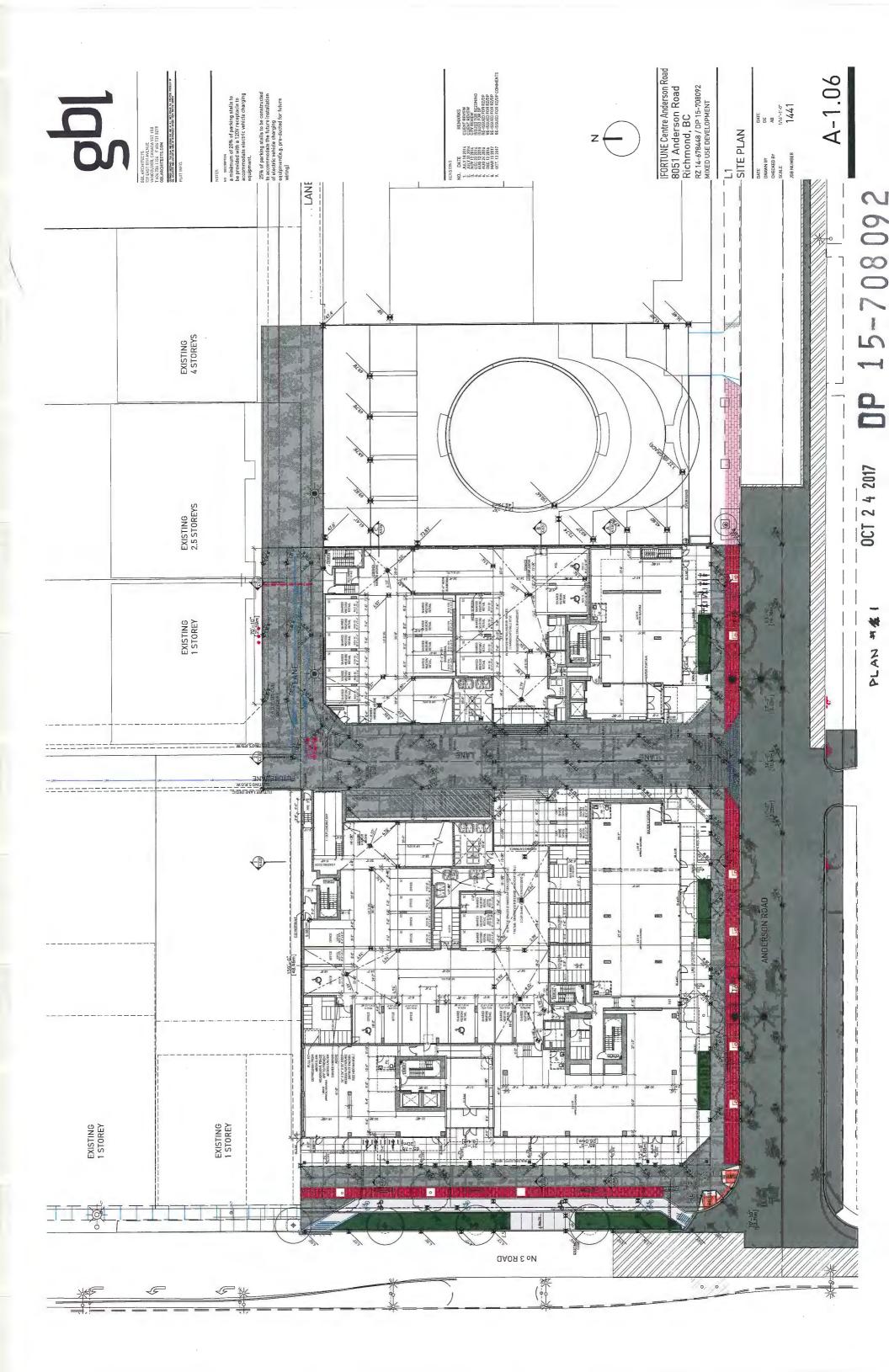


DP 15-708092 SCHEDULE "A"

Original Date: 09/15/15

Revision Date: 08/08/16

Note: Dimensions are in METRES



ост 2 4 2017 ПР 15-70809

#43 OCT

PLAN # 43

15-708092 OCT 2 4 2017

PLAN # \$

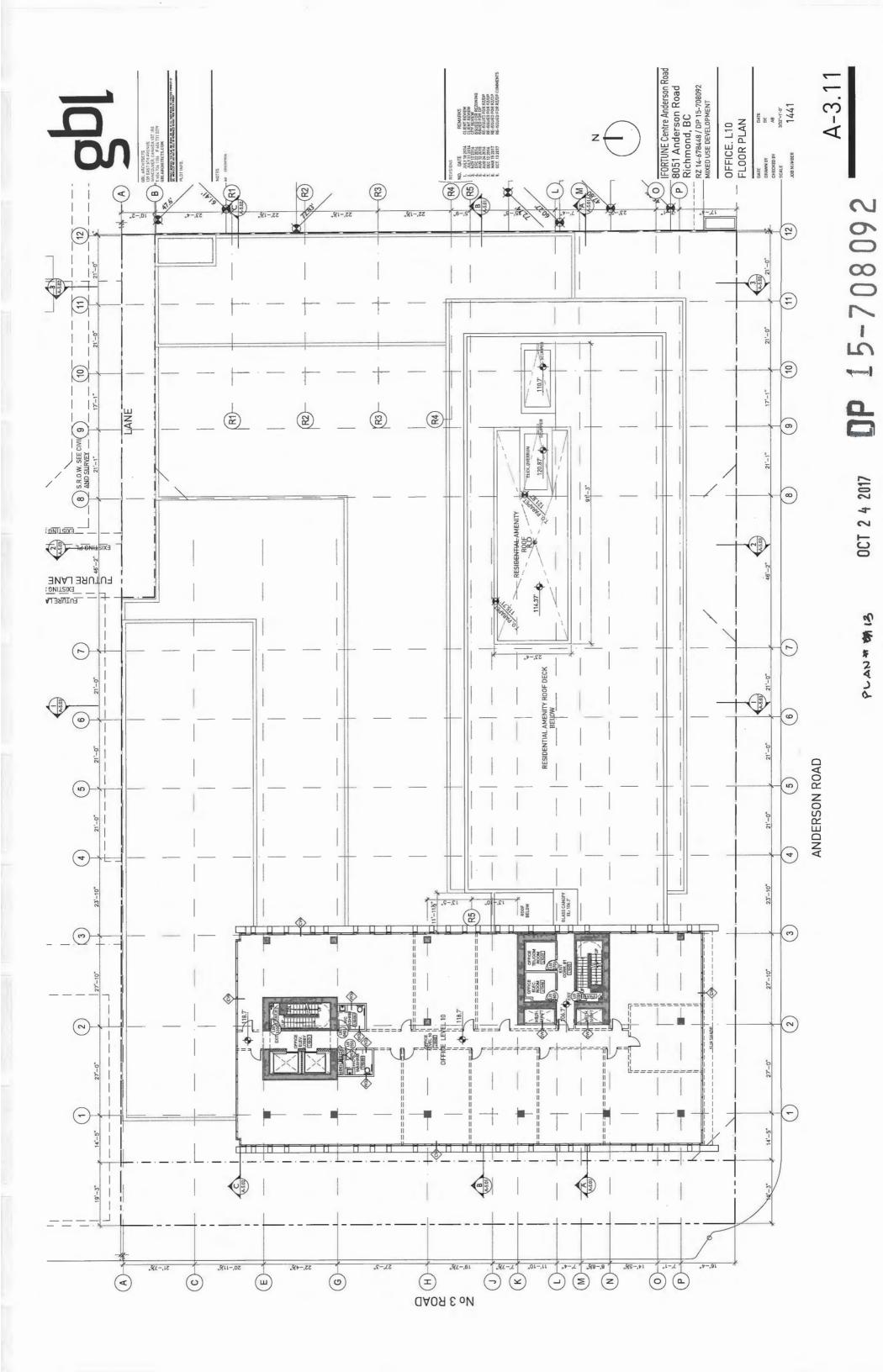
PLAN 476

PLAN TANG

PLAN # 1804

PLAN # 10

PLAN A 18 12



PLAN # WA

PLAN# 1016

237 216 21

TOTAL

level T level2 level3 level4 level4 level5 level6 level7 level8 level7 level8 level7 level9 Tevel9 Tevel9

PLANNING COMMENTS

DETAILED BREAKDOWN FOR

ADAPTABLE (OR "UNIVERSAL ACCESS": PER BCBC 2012 SECTION 3.8, UNITS WILL HAVE CLEARANCES IN FRONT OF DOORS, BATHTUBS, SHOWERS, TOTHERS MAD VANITES, KITCHENS WILL HAVE CONTINUOUS COUNTERSPACE BETWEEN RANGE AND SINK. UNITS WILL BE PRE-WIRED FOR INSTALLATION OF VISUAL ALARM SYSTEMS. ALL OUTLETS WILL BE NO LESS THAN 18" AFF AND NO MORE THAN 3" AFF. ALL CONTROLS AND SWITCHES WILL BE NO MORE THAN 3" AFF. SEE BCBC 2012 AND CFT CODE REPORT FOR FURTHER DETAILS. AGING IN PLACE: PER OCP, PAGE 3-17, UNITS WILL HAVE HANDRAILS ON BOTH SIDES OF STAIRWELS, LEVER TYPE HANDLES. FOR PLUMBING FIXTURES AND DOORS, AND SOLID BLOCKING IN BATHROOMS TO FACILITATE GRAB BAR INSTALLATION NEAR TOILET, BATHTUB AND SHOWER. BARRIER FREE PER OCP PAGE 3-18, UNIT WILL MEET ALL REQUIREMENTS OF ADAPTABLE, OR "UNIVERSAL ACCESS", AS WELL AS GRAB ARMS IN BATHHOOMS AT TOLIET AND SHOWER / TUB LOCATIONS, COUNTERTOPS NO PORE THAN 32" AFF, VANITIES AND KITCHEN CLPBOARDS WITH KNEE SPACE UNDERNEATH SINK AND RANGE LOCATIONS, ONE WHEEL-IN SHOWER STALL FIRE UNIT, ALL CORRIDORS AT LEAST 42" WIDE, ALL APPLIANCES TO BE ACCESSIBLE TO 48" AFF. SHARED VISITOR TOTAL TOTALEV

W/RETAIL SM.CARS Wired Pre-Duct TOTAL F.A.R. RESIDENTIAL PARKING F.A.R. 오 GROSS LEASABLE RETAIL sm. cars DEFINITION OF RESIDENTIAL UNIT TYPES. BASED ON NET DEVELOPMENT SITE AREA F.A.R RETAIL BASED DN ORIGINAL SITE AREA AFFORDABLE HOUSING (5% MIN.) 2E 2E OFFICE PARKING HC F.A.R. 3.15 F.A.R. 4 F.A.R. 2.24 1.59 3.83 MZ 158 1,470 225 TOTAL sm. cars F.A.R RESIDENTIAL Ratio 59% 41% AREA (ST)

AREA (ST)

176,570.47

18,441.09

AREA (ST)

AREA (MZ)

101,166

19,825

AREA (MZ)

AREA (MZ)

107,971.00

107,973.10

201,292.00

18,700.64 LEGAL DESCRIPTION
PLAN 99107
PLAN 99107
PLAN 99107
PLAN 99107
AREA (EF) AREA (W2)
56,181,10 5,219,39
-1,088.23 -101,10
-3,653.80 -339.45
52,541.46 4,881.26
COT-1
T6 - URRAN CORE - BRIDGHG
456 [147,67] Office Dutdoor Amenity/SF AMENITY REQUIRED PROVIDING SF 1,076 1,706 15,826 2,422 2,422 -657 UNITAREA SUMMARY

OF UNITS SGIFT.

TOTAL AFFORDABLE UNITS IBULH*)

TOTAL MARKET FESTIVALL

TOTAL RESIDENTIAL

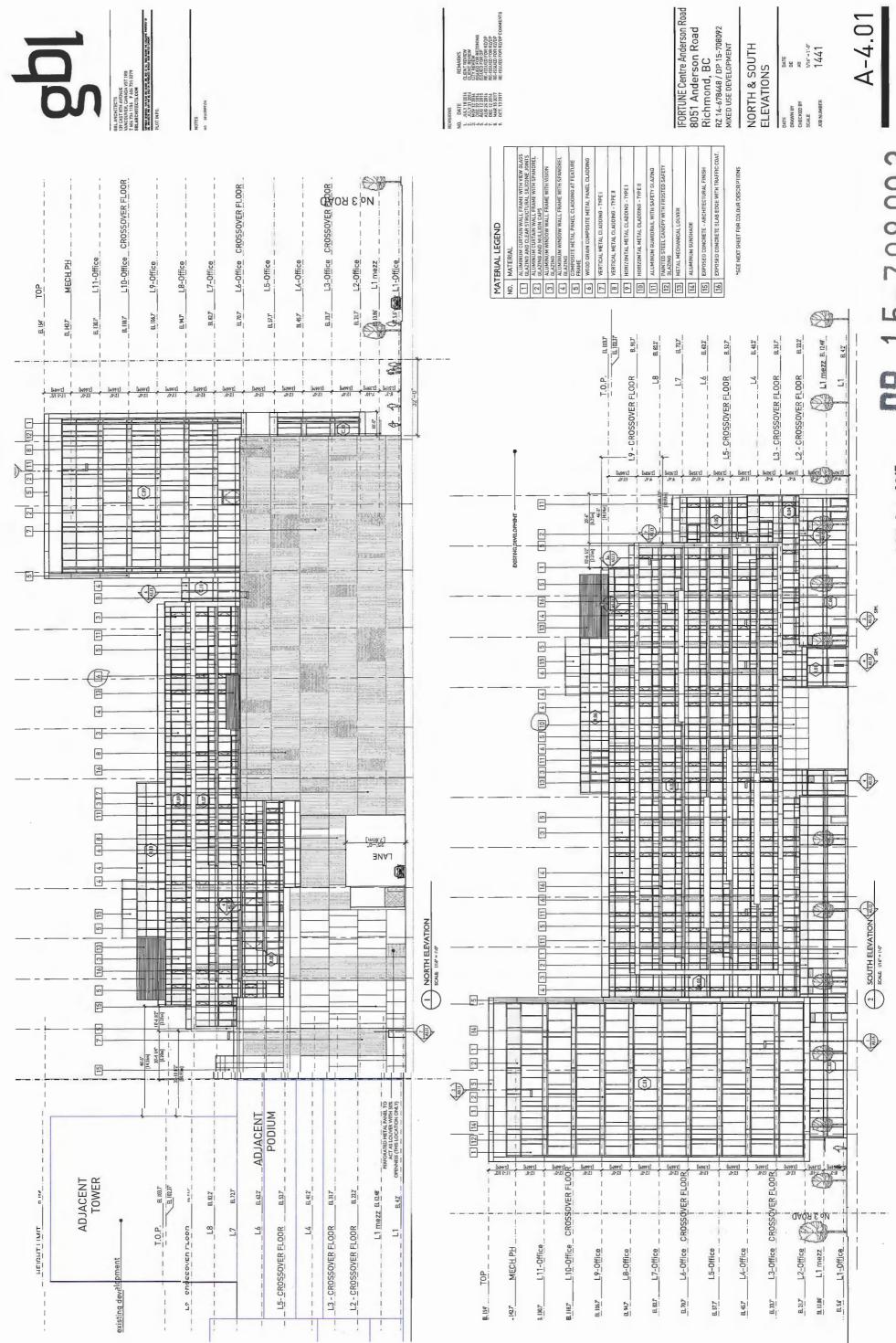
TOTAL RESIDENTIAL

TOTAL RESIDENTIAL

B35.01

* BULH = BASIC UNIVERSAL HOUSING FEATURES AS PER SECTION & 16. TOTAL sm. cars HC EV-wired EV-Duct 25 14 2 Residentail Public Indoor Amenity/SF CORE RETAILL PARKING Residentail Public Outdoor P 3428 GROSS RESIDENTIAL AMENITY SPACE CALCULATION
[DCP SECTION 14.4.5.0.]
[NDDOR finin 1076 st for xd units < 200 units]
OUTDOOR 16 m2 (8.4.5.91 / unit + 10% OF NDSA]
CHILD PLAY AERA [3m2 PER UNIT] MAX F.A.R. ALLOWED UNDER CCAP [M-15]
TOTAL FAR ALLOWED
F.A.R. PROPOSED
POFICE/COMMERCIAL
RESIDENTIAL
TOTAL SITE ADDRESS
885 ANDERSON RD
885 ANDERSON RD
8840-4860 No 3 RD
5ITE AREA CALCULATION
DRIGINAL SITE AREA
DEDICATION Rest-weets lane)
DEDICATION REST-WEET AREA (NDSA)
TOTAL SITE AREA
NET DESIGNATION (CCAP M-14)
MAX BULDING HEIGHT (CCAP 3-51)
MAX BULC STREET
MAX FA.R.ALLOWED UNDER CDT-1 87,118 PARKING BREAKDOWN BY FLOOR Residetial private Balcony/SF S (DFFICE LS)
7 (DFFICE L6)
8 (DFFICE L7)

PARKING CALCULATION	ATION		-	PROVIDED		
MARKET RESIDENTIAL (ZBL 7.9.3.1)	TIAL (ZBL 7.9	3.1}	ALLOWED			
1 PER UNIT (SHARED W/ RETAIL)	NIT (SHARED)	W/ RETAIL]]	70			
VISITOR SHARED WITH RETAIL TOTAL MARKET RESIDENTIAL	WITH RETAIL		-14			
AFORDABLE HOUSING 0.9 PER UNIT	SING		r.			7
VISITOR 0.2 PER UNIT	NIT W/ DETAIL		- 7			GBL ARCHITECTS
TOTAL AFFORDABLE HOUSING	BLE HOUSING		, p			139 EAST 8TH AVENUE VANCOUYER, CANADA V5T 1R8 T 604 736 1156 F 604 731 5279
TOTAL RESIDENTIAL	IAL MAY		75	78		DELANCINES EL SALUDPE DE MORTE RESISTA DE NA MENDO ME ME MESTRANE DE COLUMN PROTEIT OF DE MOSTETS ME MET DE 1921 DE ROMBOLDE MEMOLE ORGENT
DISABILITY SPACES [2% MIN]	ES [2% MIN]		7	2 (1 RESIDEN	2 (1 RESIDENITAL + 1 VISITOR)	PLOT INFO.
GENERAL RETAIL (ZBL 7.9.4.1 - bler	(ZBL 7.9.4.1 -	GENERAL RETAIL (ZBL 7,9,4,1 - blended City Centre Prking Requirements Zone 1)	Prking Require	ements Zone 1		
3.75 FER 100m2 (1076 SF) OF 10 L2 1.5 PER 100m2 (1076 SF) ABOVE L2 (7.7.2.3.)	176 SF) ABOVE	L2 [7.7.2.3.]	0 0			NOTES
15% REDUCTION ABOVE L2 SUBTOTAL RETAIL	ABOVE L2		07			NO DESCRIPTION
10% REDUCTION (TDM) TOTAL RETAIL	(MOL)		-4.0	41		
OFFICE IZBL 7.9.4	1 - blended Ci	OFFICE IZBL 7.9.4.1 - blended City Centre Prking Requirements Zone 1	quirements Zo	ne 1)		
3.75 SPACES PER 1076 SF UP ID LZ 1.5 PER 100m2 (1076 SF) ABOVE L2	1076 SF UP 11	J. L.2 . L.2	24 109			
15% REDUCTION AE	ABDVE L2		16			
10% REDUCTION (TDM) TOTAL OFFICE	(MOLL)		-11.7	109		
TOTAL OFFICE+RETAIL	ETAIL		141	150		
SMALL SPACES 150% MAX) DISABILITY SPACES 12% MIN]	50% MAX) ES (2% MIN)		33	3 (2 FOR OFF	3 (2 FOR OFFICE + 1 FOR RETAIL)	
					: :	
PARKING TOTAL			216	237	113 small cars	
EV CAR SHARE TOTAL	TAL		7	7		
LOADING CALCULATION	LATION		REGUIRED	PROVIDED		
RESIDENTIAL 7,13.6.1. MEDIUM -SIZE LOAOING (30°X10'): 1 FOR 81 TO 240 UNITS	3.6.1. AOING (30°X10 UNITS	;	-	-		
NON-RESIDENTIAL 713.6.2. MEDIUM-SIZE LOAGING BOXIO'): 501 m. (5,393) SF TO 1860 m. (20,021 SF) + 1 FOR ADD 5,000 m. (5,382 SF) TYTAL MENIUM FOR LOADING	AL 7.13.6.2. AQING (30°X10° TD 1860m2 (20) JOm2 (53,820 S): ,021 SF) F]	+ 2 5	c		REVISIONS NO. DATE 1. LAUVIS 2014. CLIENT REVIEW 2. LAUVIS 2014. CLIENT REVIEW 3. MOVE 2014. CLIENT REVIEW 4. MOVE 2014. CLIENT REVIEW 5. MOVE 2014. CLIENT REVIEW 6. MOVE
IOTAL MEDIUM S	IZE LUADING		9		(2 SHARED WITH LARGE-SIZE)	AUG 12 2014
LARGE-SIZE LOA(1 FOR EA ADD 5,000	DING (60.4°X11 m2 (53,8205F) 01	LARGE-SIZE LOADING (60.4'X11.5')* 1 FOR EAADD 5,000m2 (53,820SF) OVER 1060m2 (20,021SF) 2	2	-	RELAX, FOR 1 LARGE LOADING SPACE	
BICYCLE PARKING	9		REQUIRED/ PROVIDED	PROVIDED		
MIXED USE RESIDENTIAL CLASS 1: 1.25 PER UNIT CLASS2: 0.2 PER UNIT	R UNIT		93.75	94 15		
RETAIL CLASS 1:0.27/100m2 (1076 st) >100m2 (1076 CLASS 2 (racks):0.4/1076 st >100m2 (1076 st)	10m2 (1076 sf)	RETAIL CLASS 1: 0.27/100m2 (1076 sf) >100m2 (1076 sf) CLASS 2 [racks]: 0.4/1076 sf >100m2 (1076 sf)	2.59	4 10		
0FFICE CLASS 1: 0.27/10 CLASS 2 (racks): 0	10m2 [1076 sf] 0.4 /1076 sf >11	0FFICE CLASS 1:0.27/100m2 (1076 sf) >100m2 (1076 sf) CLASS 2 (racks):0.4 /1076 sf >100m2 (1076 sf)	21.13	23		
TOTAL CLASS 1 VERTICAL (33% MAX) TOTAL CLASS 2 (racks)	AXI acks]		117.47 40.00 50.14	121 40 59		
Accessibility Features Breakdown:	ures Breakdov	Wn:				FORTUNE Centre Anderson Road
Type	Affordable Units	Market Units	Intent	Standard		8051 Anderson Road
Aging in Place only	0	99	- support mobility and usability	Per OCP		RZ 14-678448 / DP 15-708092
Adaptable, Basic Universal Housing and Aging in Place only	4	4	- reno potential for wheelchair plus	Per BCBC Per RZB, per OCP		MIXED USE DEVELOPMENT
Barrier Free, Adeptable,Basic Universal Housing, Aging in Place.	-	۰	- move in with wheelchair	Per OCP Per BCDH,Per BCBC, Per		PROJECT DATA
7 111 1 1	,	52		1		DATE



15-708092

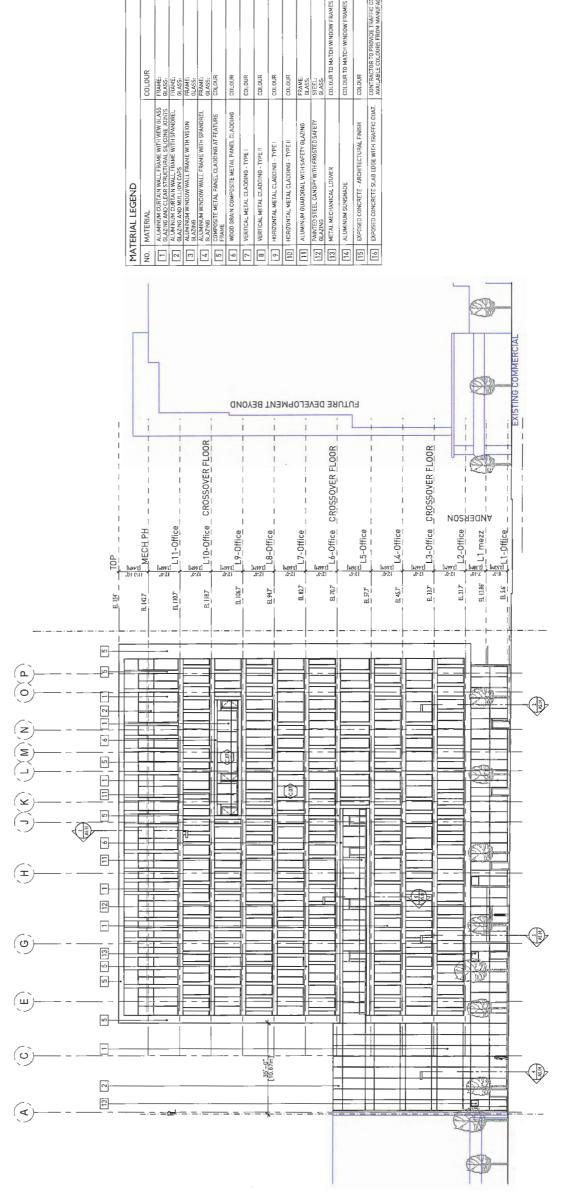
PLAN # 1818

DATE DE AB 1/16" = 1"-0" 1/441

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IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-6784.84 / DP 15-708092 MIXED USE DEVELOPMENT







IFURTUNE Centre # 8051 Andersor	Richmond, BC	MIXED USE DEVELOPA	EAST ELEVAT	COURTYARD	DATE DATE	ID BY	5CALE 1/16
							STATE OF THE PARTY

Σ	14	MATERIAL LEGEND	
ž	ġ.	MATERIAL	COLOUR
		ALUMINUM CURTAIN WALL FRAME WITH VIEW GLASS GLAZING AND CLEAR STRUCTURAL SILICONE JOINTS	FRAME: GLASS:
	2	ALUMINUM CURTAIN WALL FRAME WITH SPANDREL GLAZING AND MULLION CAPS	FRAME: GLASS:
	(m)	ALUMINUM WINDOW WALL FRAME WITH VISION GLAZING	FRAME: GLASS:
	4	ALUMINUM WINDOW WALL FRAME WITH SPANDREL GLAZING	FRAME: GLASS:
	2	COMPOSITE METAL PANEL CLADDING AT FEATURE FRAME	COLOUR
	9	WOOD GRAIN COMPOSITE METAL PANEL CLADDING	COLOUR
	7	VERTICAL METAL CLADDING - TYPE I	COLOUR
	8	VERTICAL METAL CLADDING - TYPE II	COLOUR
	6	HORIZONTAL METAL CLADDING - TYPE I	COLOUR
	10	HORIZONTAL METAL CLADDING - TYPE II	соголи
	=	ALUMINUM GUARDRAIL WITH SAFETY GLAZING	FRAME: GLASS;
	12	PAINTED STEEL CANOPY WITH FROSTED SAFETY GLAZING	STEEL: GLASS:
드	13	METAL MECHANICAL LOUVER	COLOUR TO MATCH WINDOW FRAMES
	14	ALUMINUM SUNSHADE	CDLOUR TO MATCH WINDOW FRAMES
	2	15 EXPOSED CONCRETE - ARCHITECTURAL FINISH	COLOUR

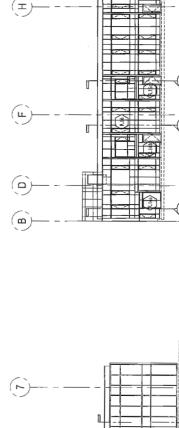
EAST ELEVATION
EAST FIRE WALL
SCALE 1116" # 1"G"

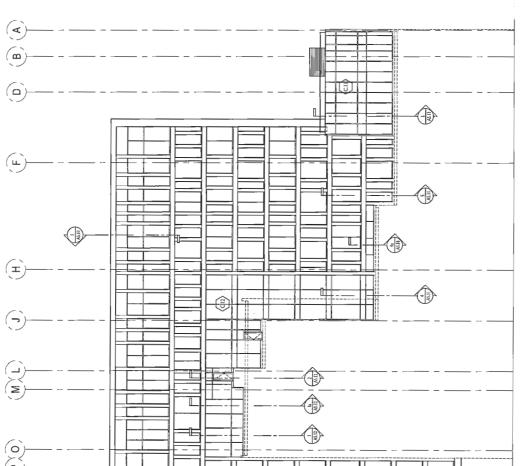
EAST ELEVATION
THROUGH COURTYARD AT RESIDENTIAL BLDG

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(<u>±</u>)—	í,
(L)—	WEST ELEVATION
(a)———(B)	₹ (-

(-)			
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	25 25		YARD
		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	WEST ELEVATION TOWNHOUSES AT COURTYARD
(L)			EST ELEVATIONS
			€
(a) (B)			

(2)	
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(1) (2) (3)

PLAN# \$ 20

PLAN 5 021

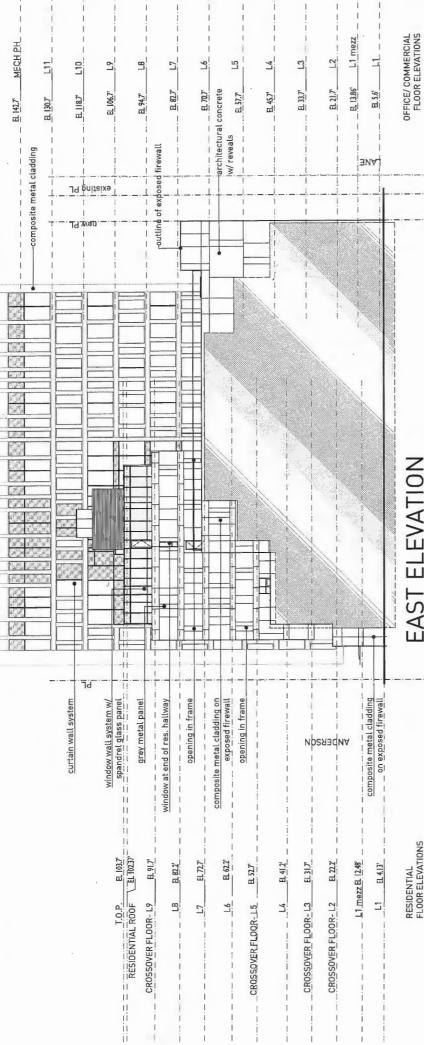
SECTION 3-3

OFFICE/ COMMERCIAL FLOOR ELEVATIONS

A-5.04

SECTION 3-3

IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678484 DP 15-708092 MIXED USE DEVELOPMENT



可 S

EL 142.7 MECH PH

composite metal cladding

40F

F 15

HEIGHT LIMIT

NOTES NO DESCRIPTION

FLOOR ELEVATIONS	
EASI ELEVAIION	
FLOOR ELEVATIONS	

HEIGHT LIMIT BLIS4"	monancita matal claddina		- 7d бі	TOP BION	17.0° I		SA LUCATION	E 62.2	CROSSONER FI DOR-15 B.52.7		CROSSOVER FLOOR- L3 EL31,7	CROSSOVER FLOOR- L2 BL222 ***	E L 1248 F	1413, 1413,
			Td M					RESIDENTIAL - L6	RESIDENTIAL - L5	PATIO SE SEDENTIAL PARKING LA	RESIDENTIAL L2	FATTIC RESIDENTIAL - L2 ES RESIDENTIAL PARKING- L2 ES ESTIDENTIAL PARKING- L2	ENT 6.6 RESIDENTAL PARKING-LI MEZZAMIE	RESIDENTAL PARKING UI
			curtain wall system	window wall system w/ spandret glass panel	grey metal panel	window at end of res. hallway	opening in frame	composite metal cladding	opening in frame			DERSO	1 1 1 1 1 1 1 1 1	
EL 154' TOP	E. 1427 MECH PH.	EL 130,7 L11	E 118.7 L10	EL 106.7 L9	E 94.7 L8	El 827' L7		EL 70.7	EL577' L5	E45.7L4	EL 33.7' L3	B.21.7 L.2	EL 13.86' L1 mezz	EL56 L1

A-5.04 15-708092

PLAN # 38 22

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1/16'=1'-0" SECTION 3-3 DATE
DRAWN BY
CHECKED BY
SCALE
JOB NUMBER

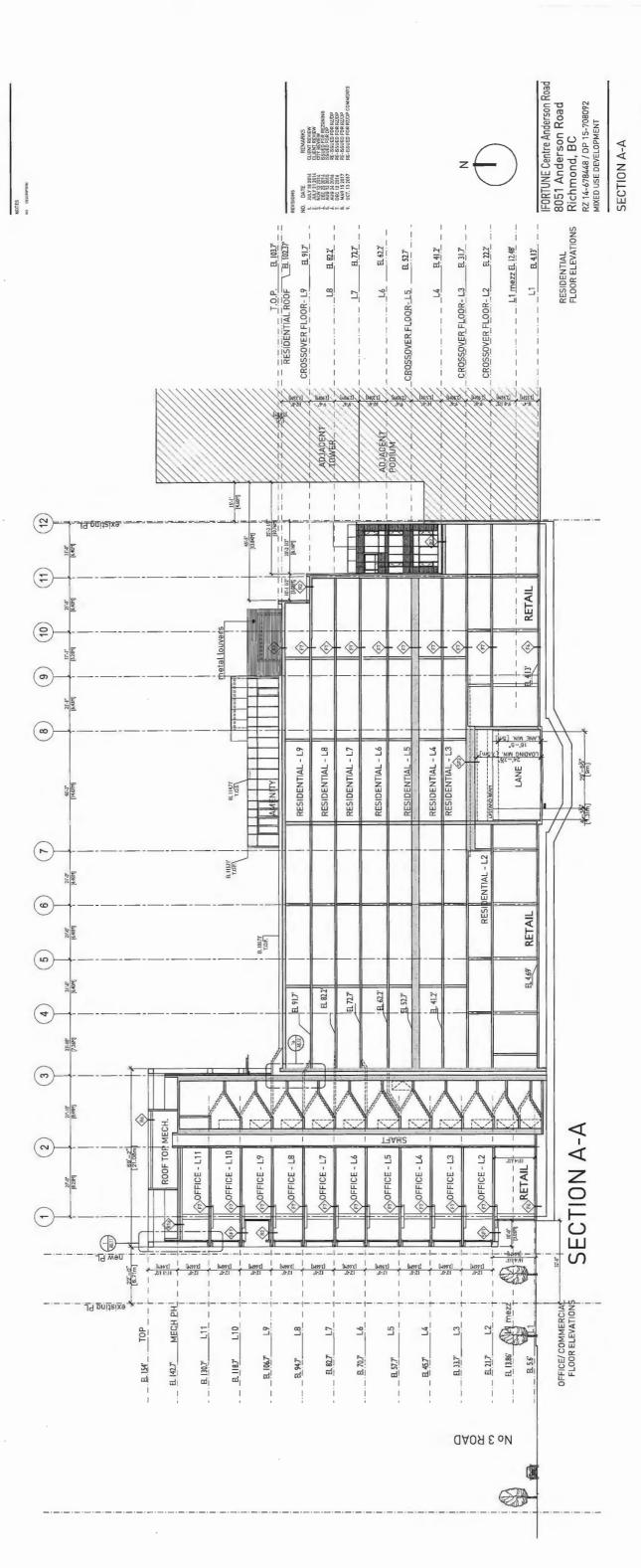
IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT

B [54"OP	ding <u>B.1907</u> MECH PH ding B.1307	EL 1187. L10	El 06.7 L9	E. 82.7	El 70,7 L6			<u>11.457</u> L4	<u>E.337</u>	H.21.7. L.2	E 13.86 L1 mezz	OFFICE/ COMMERCIAL FLOOR ELEVATIONS
	- composite metal cladding	Jq gni	1	outline of exposed firewall							AND THE PROPERTY OF THE PROPER	SECTION 3-3 w/ REFLECTED ELEVATION
		curtain wall system	window wall system w/ spandrel glass panel	nd of res. hallway	opening in frame	composite metal cladding on exposed firewall	opening in frame		NOS	NDERS	composite metal cladding	
HEIGHT LIMIT BILK			$\frac{\text{T.O.P.}}{\text{RESIDENTIAL ROOF}} = -\frac{\text{T.O.P.}}{\text{KESIDENTIAL ROOF}} \times \frac{\text{EL.103.7}}{\text{VEJ 103.37}} = -\frac{\text{EL.103.7}}{\text{V.EL.103.7}} = -\frac{\text{EL.103.7}}{V.EL.10$	CROSSOVER FLOOR- L9 E1917			CROSSOVER-FLOOR-L5 EL527		CROSSOVER FLOOR-L3 EL317.	CROSSOVER FLOOR-LZ BL222		RESIDENTIAL FLOOR ELEVATIONS

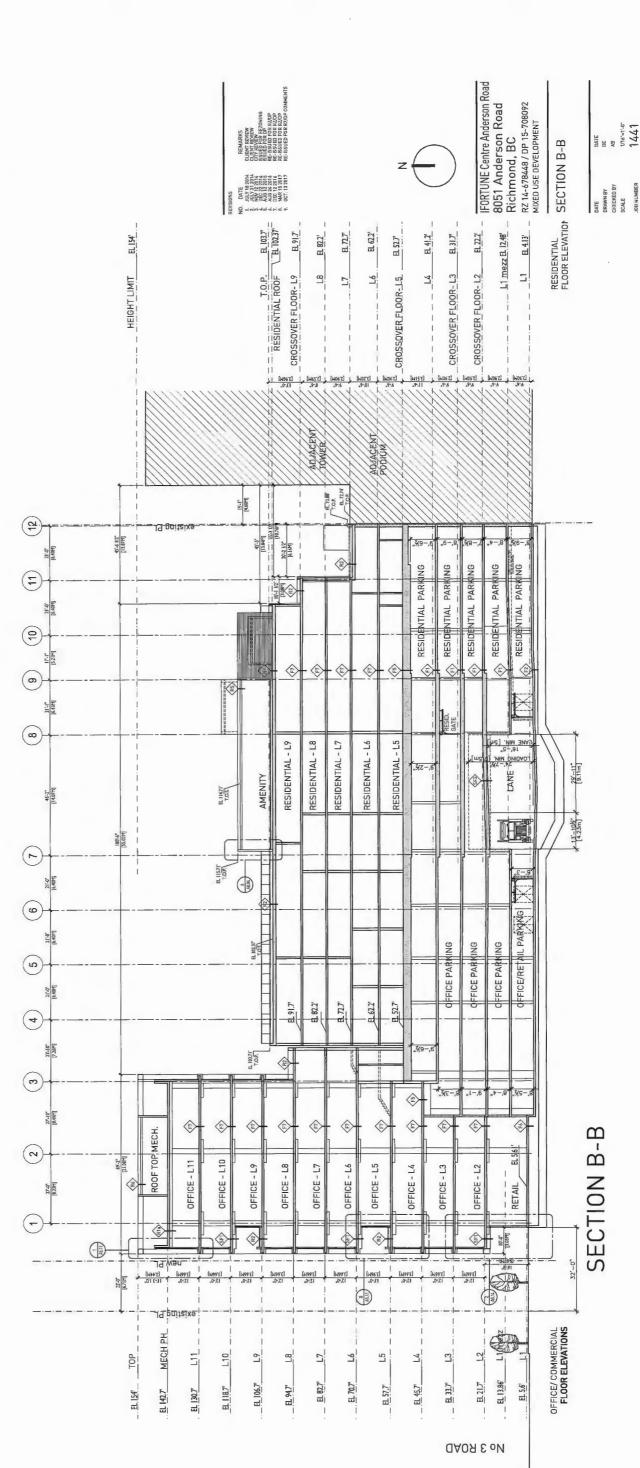
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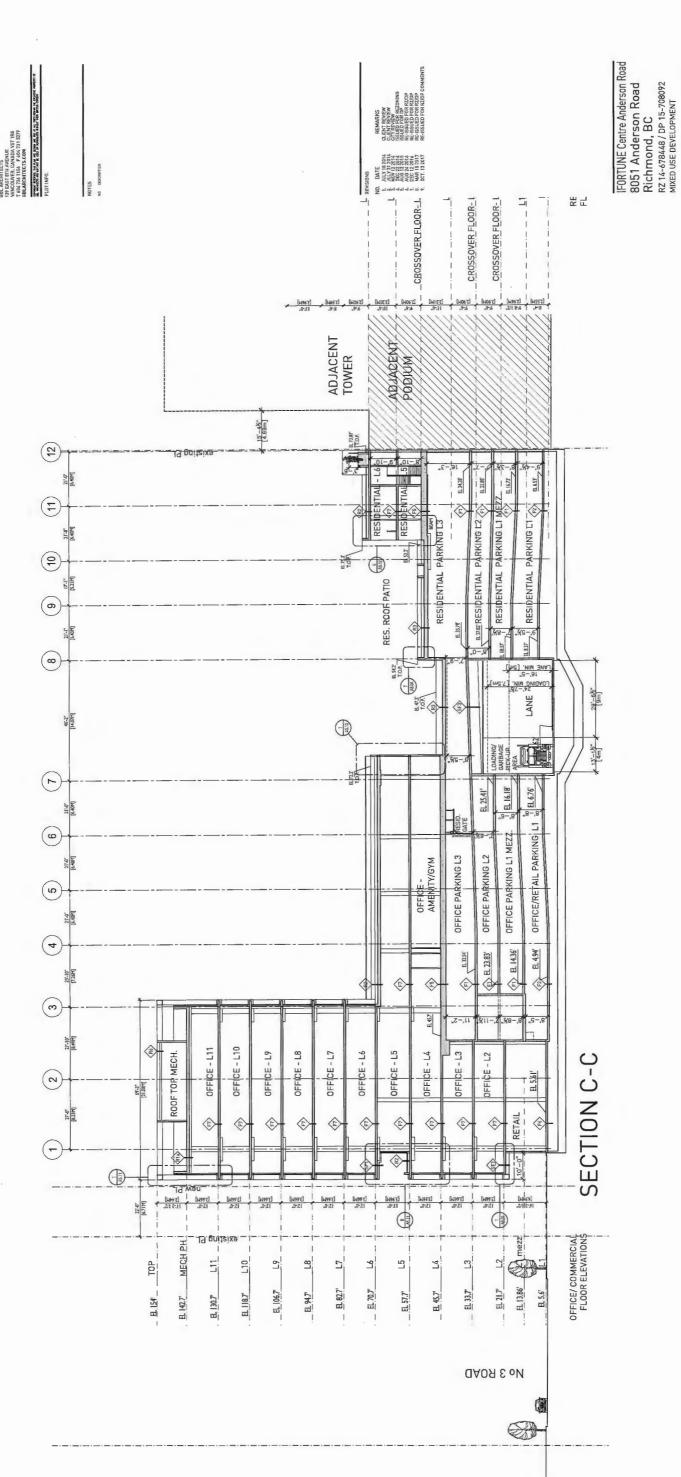
198

	composite metal cladding		∏d 6u			18 18 18 18 18 18 18 18	17. E 7.7. E 7.7	9:01 (7:09) 9:01 (7:09) 9:01 (7:09) 9:01 (7:09)	CROSSOVER FLOOR- L5 EL 52.7	FILE PARTY OF THE	CROSSOVER FLOOR- L3 EL31,7	CROSSOVER FLOOR- L2 61.222	ezz		RESIDENTIAL FLOOR ELEVATIONS
	- Composite		1-3 ma			*	- F. 1186	RESIDENTIAL - L6	RESIDENTIAL - L5	PATIO 6 4 B 40.4 RESIDENTIAL PARRING-UA	- 13 RESIDENTIAL PARKAINS-L3 S.3 I.P.	RESIDENTIAL - LZ FE RESIDENTIAL PARKOWE - LZ R	RESIDENTIAL PARKHAL PARKHAL PARKHAL LI MEZZANIE RESIDENTIAL PARKHAL PARKHAL LI MEZZANIE	8	SECTION 3-3
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		curtain wall system	window wall system w/ spandrel glass panel	grey metal panel	window at end of res. hallway	opening in frame	composite metal cladding	opening in frame		NO	NDEBS:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
, <u>B 15</u> 4'TOP	E 142.7 MECH PH	El 130,7 L11	E.118.7 L10	EL 106,7' L9	EL 94.7' L8	El 827' L7	7 1.44. 13		EL577 L5		H 33.7 L3	<u>B.21.7</u> L2	El 13.86° L1 mezz		OFFICE/ COMMERCIAL FLOOR ELEVATIONS



A-5





NET 14-678448 DPT MIXED USE DEVELOPN MIXED USE DEVELOPN G-C
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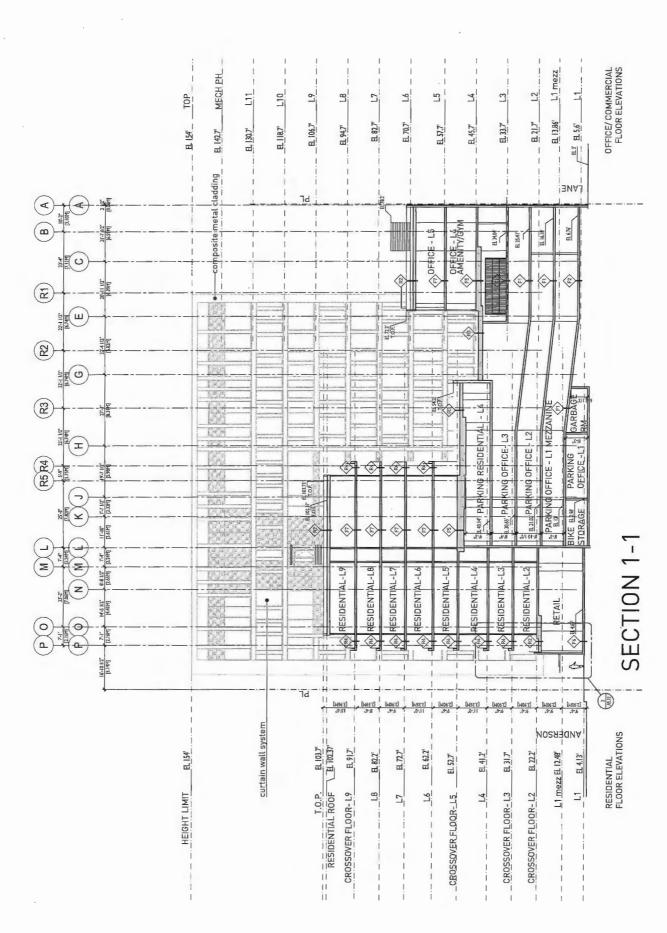
NOTES NO DESCRIPTION





IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-6784.8 / DP 15-709092 MIXED USE DEVELOPMENT

SECTION 1-1



IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT

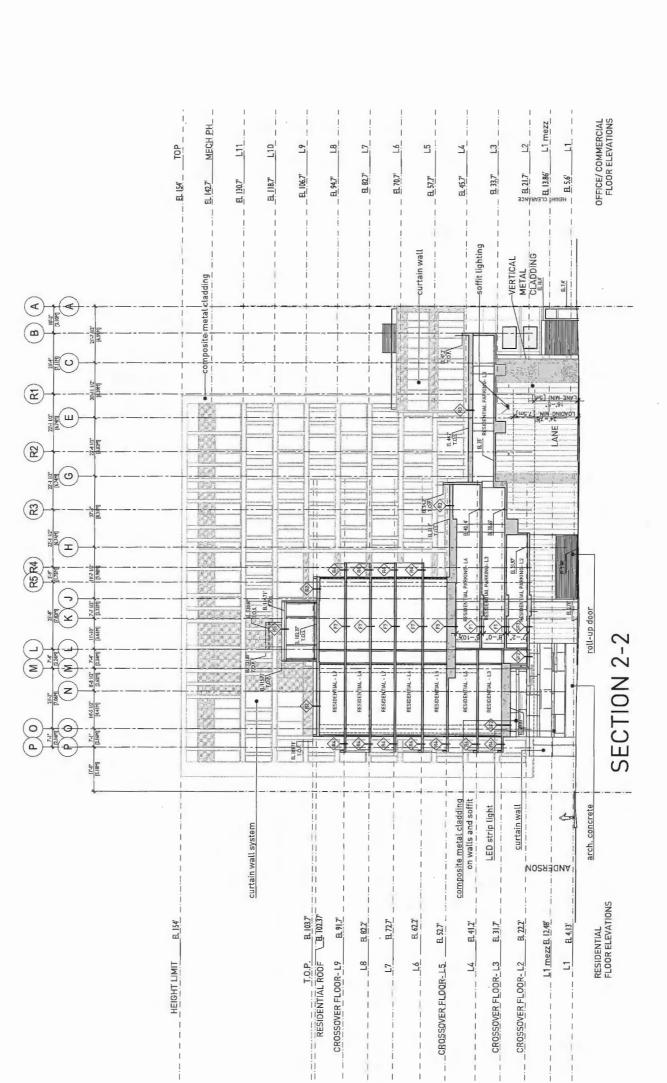
SECTION 2-2

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GRIL ARCHITUTIS
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NOTION COLUMNING 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT	8-8	DATE DE AB 1/16'=1'.0'
8051 Andersor Richmond, BC RZ 14-678448 / DP 1	SECTION 3-3	DATE DATE DRAWN BY CHECKED BY SCALE JOB NUMBER

B A B C C C C C C C C C C C C C C C C C	HEIGHT LIMIT ELIST HEIGHT LIMIT		RESIDENTIAL ROOF CROSSOVER FLOOR- L9	"			RESIDENTIAL FLOOR ELEVATION
P O					RESIDENTIAL-L6	RESIDENTIAL 12 (7) (2) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	CTIC
	<u>B.(47</u>	Et 1307' L11	H.947 L.8		composite metal cladding composite metal cladding LST LS composite metal cladding	E137 L3 E137 L2 E138 L1mezz	OFFICE/ COMMERCIAL FLOOR ELEVATIONS

HORTUNE Centre Anderson Road
8051 Anderson Road
Richmond, BC
RZ14-678448 / DP 15-708092
MIXED USE DEVELOPMENT SECTION 4-4 DATE JULY 18 2014 JULY 31 2014 DIO 72 2014 AUG 12 2015 AUG 24 2016 DECI 2016 MAR 15 2017 OCT. 13 2017 _ RESIDENTIAL ROOF / EL 103.77 - RE 103.7 30250VER FL00R-L5 ELXX 38 ROSSOVER FLOOR- L2 ROSSOVER FLOOR- L3 R0550VER FL00R- L9 7 L8 EL822 기 싷 [WHZ] [WF/2] -0-.6 95.11 (M2.6) 1916-1 [M03.8] EF 63.2.55 EL 72.7 ANDERSON

DATE
DE
AB
SCALE DATE
DRAWN BY
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JOB NUMBER T J WESSER 13-48 (3-4-13) RESIDENTIAL PLOOR ELEVATIONS SECTION 4-4 glass guard rail wood doors white metal on solid side wal glass side wall LANE OFFICE/ COMMERCIAL FLOOR ELEVATIONS EL 13.36' L1 mezz 7 13 6 EL 82.7' L.7 L5 EL 106.7" EL 33.7 EL 5.6' EL 21.7 EL 70.7 EL 45.7 EL 57.7 EL 94.7'

TREE MANAGEMENT PLAN IFORTUNE CENTRE ANDERSON ROAD RELOCATE ROOTS INTO BACKFILL AREAS WHENEVER POSSIBLE. IF LARGE MAIN LATERAL ROOTS ARE TIVEJOUNTERED, EVFOSE BEYOND EXCAVATION LIMITS AS REQUIRED TO BEND AND RELOCATE WITHOUT BREAKING. A PROWDE TEMPORARY EARTH COVER, MANTIAN MOISTURE.
E. PACK WITH WET PEAT MOSS, MANTIAN MOISTURE.
C. PACK WITH WET PEAT MOSS, MANTIAN WOISTURE.
C. PACK WITH FOUR THESE DE WET PEAT MOISTURE.
C. PACK WITH FOUR THESE DE WET PEAT MOISTURE.
C. PACK WITH WOISTURE DE WOISTURE SEROM DAMAGE UNTIL PERMANE RELOCATED AND COVERED WITH BACKREILL. DURING ANY EXCAVATION WITHIN THE DRIP LINE OF A TREE THE CONTRACTOR SHALL EXCAVATE AROUND FREE FOODS AS DIRECTED BY THE CONSULTANT. DO NOT CUTTREE ROOTS UNLESS DIRECTED BY THE CONSULTANT. CUTTING OF SMALLER ROOTS THAT INTERFERE WITH INSTALLATION OF NEW WORK SHA DONE WITH CLEAN SHARP TREE PRUNING TOOLS. DO NOT ALLOW EXPOSED ROOTS TO DRY OUT PRIOR TO PLACEMENT DF PERMANENT CO PROVIDE DNE OF THE FOLLOWING TEMPORARY REMEDIAL MEASURES: EXCAVATION WITHIN DRIP LINE OF TREES ONLY WHERE INDICATED ON PLANS AND AS DIRECTED BY THE CONSULTANT. TREES AND OTHER DESIRABLE VEGETATION TO BE TOTALLY FENCED BY 1.8M (6°-6") HIGH SEMI-PERDEN BY 1.8M (6°-6") CURATION OF THE PROJECT. ROOTS THAT ARE ENCOUNTERED IMMEDIATELY ADJACENT TO THE LOCATION OF NEW CONSTRUCTION AND ARE TOOD BIFFELL. TO RELOCATE SALL, BE COUT SOMM IS BACK FROM NEW CONSTRUCTION. USE CLEAN SHARP TRE PRUNING TOOLS. WATER PUDDLE BACKFILL AROUND ROOTS TO ELIMINATE VOIDS AND AIR POCKETS. HAND EXCAVATE TO MINIMIZE DAMAGE TO ROOT SYSTEMS.
USE NARROW TINE SPADING FORKS TO PROBE AND COMB SOIL TO EXPOSE ROOTS.

PMI. Pertnerally Landscape Arch 8th Rou, East Annace House 1201 Med Pereber Street Vaccount (Counda Will 21/2) www.gm/partnerally.com 1 501.094.0111 Fish.Mill 12

TREE PROTECTION GENERAL NOTES

EXCAVATION FOR NEW CONSTRUCTION WITHIN THE DRIP LINES OF TREES

TUNNEL UNDER AND AROUND ROOTS BY HAND DIGGING. UTILITY TRENCHING WITHIN THE DRIP LINES OF TREES

DO NOT CUT MAIN LATERAL ROOTS,

PROTECTION OF EXPOSED ROOTS

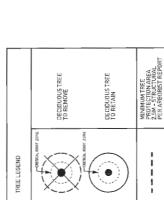
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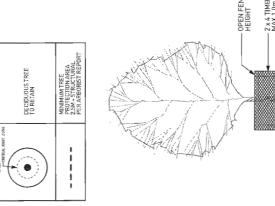
	REVIS		
ł o	N0.	DATE	DESCRIPTION
	_	2015/08/07	ISSUE FOR DP
	2	2015/11/04	ISSUED FOR ADP
LL BE	n	2016/04/05	ISSUED FOR REVIEW
	4	2016/04/26	ISSUED FOR REZONING/OP
	w	2018/08/26	REISSUED FOR REZONING/DP
VER.			
	9	2016/12/11	ISSUED FOR REZONING
	7	2017/03/13	ISSUED FOR DEVELOPMENT PERMIT
ENTLY			
	50	2017/09/26	REVISED PER CITY REQUEST



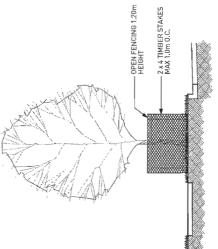
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PROJECT SITE

UO. 3 ROAD



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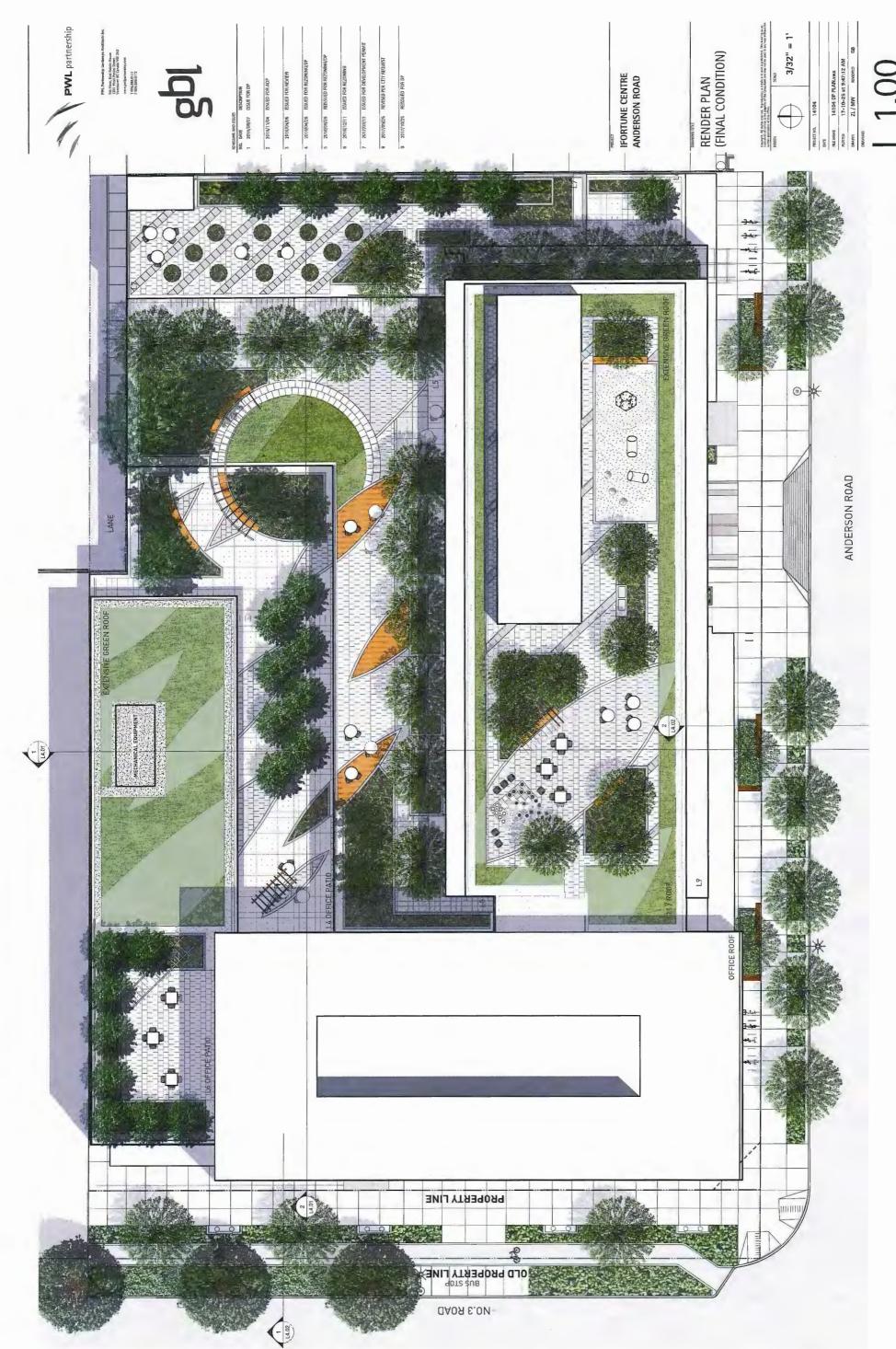
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Nevel, Reproduction in whose on is part to peak by AL. This drawing as an it is seeparty of the Deep Libra and may not be used in any may reflood: his effect. SCALE	1/16" = 1'		
	\bigoplus	14104	AUG 2015
Copyright, All rights of introduces of services wanten permission of NORTH	\Box	PROJECT NO.	DATE

TREE TO BE REMOVED OR RELOCATED, TO BE REVIEWED BY PROJECT ARBOKIST

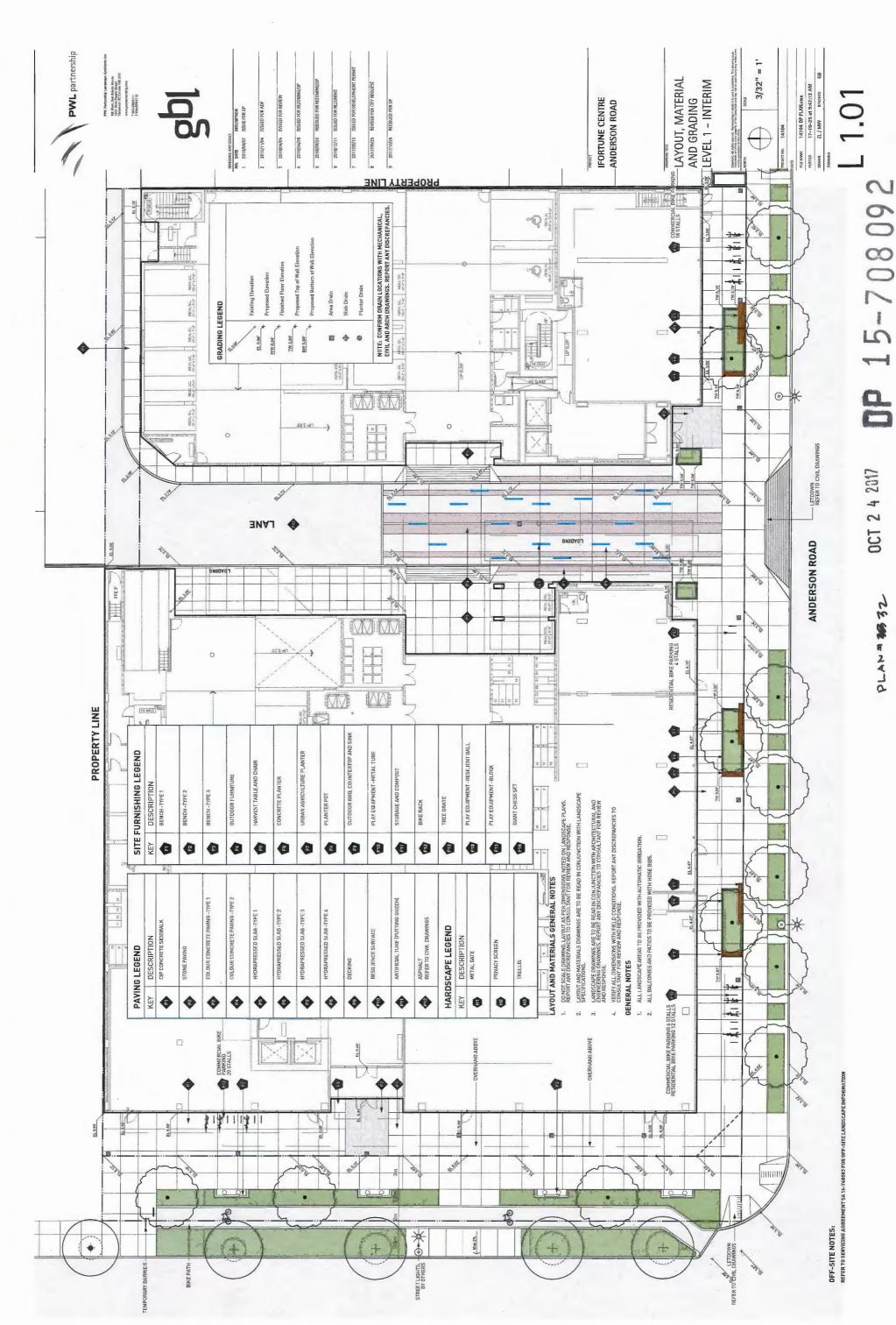
ANDERSON ROAD

PROJECT NO.	14104			
DATE	AUG 2015			
TRE NAME	14104 DP PLAN.vwx	AN.vwx		
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PLAN F W31



PLAN # 32

PLAN # 18 30

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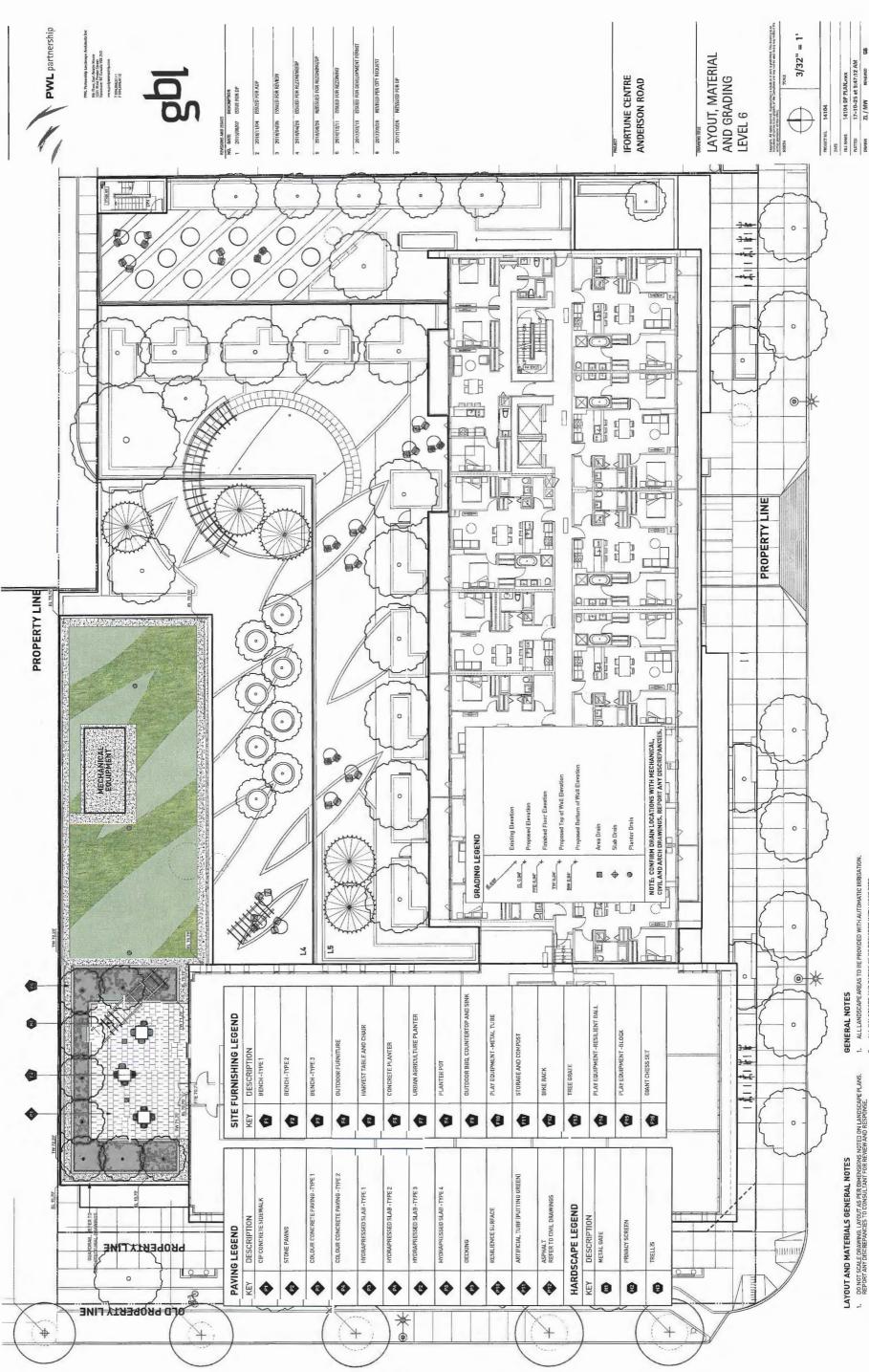
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PLANT 225

LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND ENDINEED ORGALITANT FOR REVIEW AND RESEDINGS. VERIEY ALL DIMENSIONS WITH FIELD CONDITIONS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.





15-708092 L 1.04

PLAN A 38 36

 LAYOUT AND MATERIALS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH LANDSCA SPECIFICATIONS. LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND ENGINEERING PRAWINGS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.

VERIFY ALL DIMENSIONS WITH FIELD CONDITIONS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.



14104 DP PLAN.vw.x 17-10-25 at 9:47:12 AM ZL / MW REWIERD

1. ALL LANDSCAPE
2. ALL BALCONIES GENERAL NOT

0

 DB NOT SCALE ORAWING, LAYDUT AS PER DIMENSIONS NOTED ON LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE. LAYOUT AND MATERIALS GENERAL NOTES

MILLIM

2. LATOUT AND MATERIALS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH LANDSCAPE SPECIFICATIONS.

LANDSCAPE ORAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND REINBERING DRAWINGS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW RESPONSE. VERIEY ALL DIMENSIONS WITH FIELD CONDITIONS. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE. 63

PWL partnership PWI. Peterokija Leoderspi Ave 18. filosof zich Asilisi ishuse 13.01 Veterokija Sveti Vlatevove El Canala VIE 7/17 vrvn. paljarinecolijacem 1 PGA (8816.1) 1 FGA (8816.1) 12 ppl IFORTUNE CENTRE ANDERSON ROAD 5 ZOT8/08/26 REISSUED FOR REZON 6 2016/12/11 ISSUED FOR REZONE 3 2016/04/05 ISSUED FOR REVIE 4 2016/04/26 ISSUED FOR REZDI Z 2015/11/04 ISSUED FOR ADP TW 76.70 GUARDRAIL REFER TD-ARCHITECTURAL DRAWINGS

TOP AND SINK

OUTDOOR BBQ, COUNTER

Fig

E

F2

HYDRAPRESSED SLAB -TYPE 3 HYDRAPRESSED SLAB -TYPE 4

PB PLAY EQUIPMENT -METAL

F10 E

RESILIENCE SURFACE

0

STORAGE AND COMPOST

ARTIFICIAL TURF (PUTTING GREEN)

•

HARVEST TABLE AND CHA

ST.

HYDRAPRESSED SLAB-TYPE 1

(2)

F6

HYDRAPRESSED SLAB -TYPE 2

ar ar

BENCH-TYPE 3 BENCH-TYPE 2

8

COLOUR CONCRETE PAYING -TYPE 1

(2) S.

P.A

COLOUR CONCRETE PAVING -TYPE 2

F2

STONE PAVING

43

PROPERTY LINE

SITE FURNISHING LEGEND

KEY DESCRIPTION
BENCH-TYPE1

KEY DESCRIPTION
CIP CONCRETE SIDEWALK

•

PAVING LEGEND

E

GRADING LEGEND

ENT BALL

PLAY EQUIPMENT - RESIL

F14

TREE GRATE

FH3

HARDSCAPE LEGEND
KEY DESCRIPTION

DESCRIPTION METAL GATE

8

BIKE RACK

F12

ASPHALT REFER TO CIVIL DRAWINGS

2

PLAY EQUIPMENT - BLODX

F15

PRIVACY SCREEN

H2

GJANT CHESS SET

F16

TRELLIS

E

V

183

OC Oc

3

3.4 **0**-PROPERTY LINE

NOTE: CONFIRM DRAIN LOCATIONS WITH MECHANICAL, CIVIL AND ARCH DRAWINGS. REPORT ANY DISCREPANCIES.

РВОРЕВТУ LINE

OLD PROPERTY LINE

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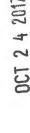
LAYOUT, MATERIAL AND GRADING LEVEL 7

PLANAS 37

LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND BHOINEERING BRAWINGS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.

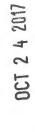
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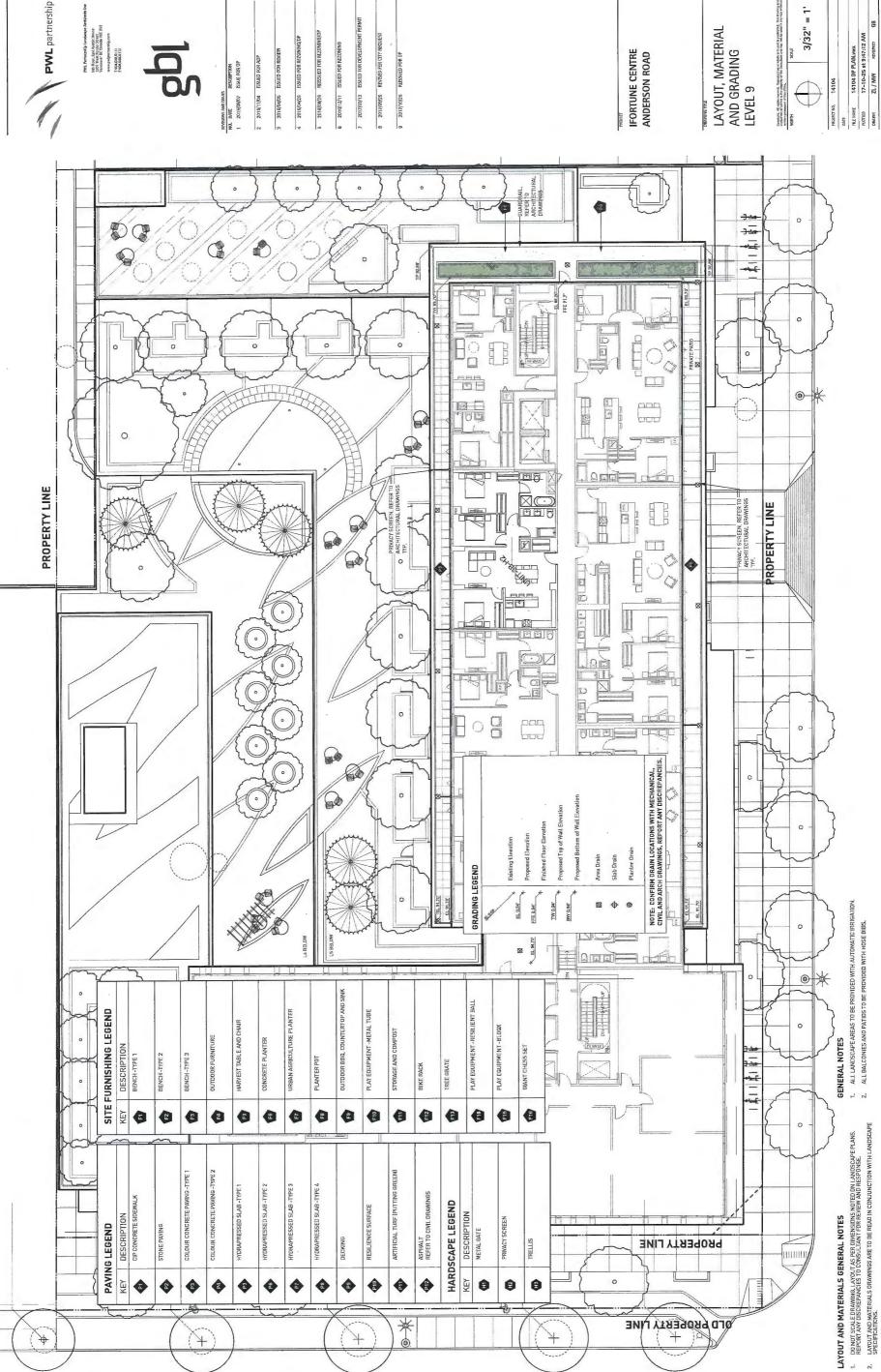












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PLANTARA

LAYOUT, MATERIAL AND GRADING LEVEL 11

PWL partnership

PROPERTY LINE

GRADING LEGEND

SITE FURNISHING LEGEND

DESCRIPTION BENCH-TYPE 1

KEY

PAVING LEGEND

KEY DESCRIPTION

CIP CONCRETE SIDEWALK

+

BENCH-TYPE 2 BENCH-TYPE 3 OUTDOOR FURNI

F2

STONE PAVING

43 •

•

PW Personal Landon Personal Pe

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NOTE: CONFIRM DRAIN LOCATIONS WITH MECHANICAL, CIVIL AND ARCH DRAWINGS, REPORT ANY DISCREPANCIES.

CONCRETE PLANTER

82 E

URBAN AGRICUL

HYDRAPRESSED SLAB -TYPE 3

42

HYDRAPRESSED SLAB -TYPE 4

6 6 8

HYDRAPRESSED SLAB -TYPE 2

HYDRAPRESSED SLAB - TYPE 1

P E

4

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HARVEST TABLE A

F4 6

8

COLOUR CONCRETE PAVING - TYPE 1 COLOUR CONCRETE PAVING -TYPE 2 F-RESILIENT BALL

PLAY EQUIPMEN

F14

TREE GRATE

F13

HARDSCAPE LEGEND

KEY DESCRIPTION METAL GATE

8 **E** TRELLIS

8

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OLD PROPERTY LINE

BIKE RACK

FIZ

ASPHALT REFER TO CIVIL DRAWINGS

\$

-METAL TUBE

F10

RESILIENCE SURFACE

DECKING

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STDRAGE AND CO

1

ARTIFICIAL TURF (PUTTING GREEN)

OUTDOOR BBQ, CO

E.

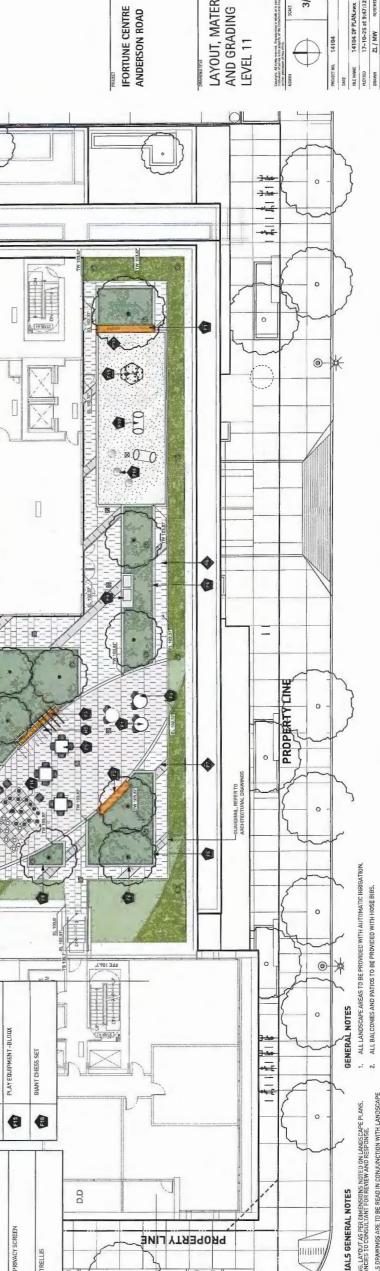
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LAYOUT AND MATERIALS GENERAL NOTES

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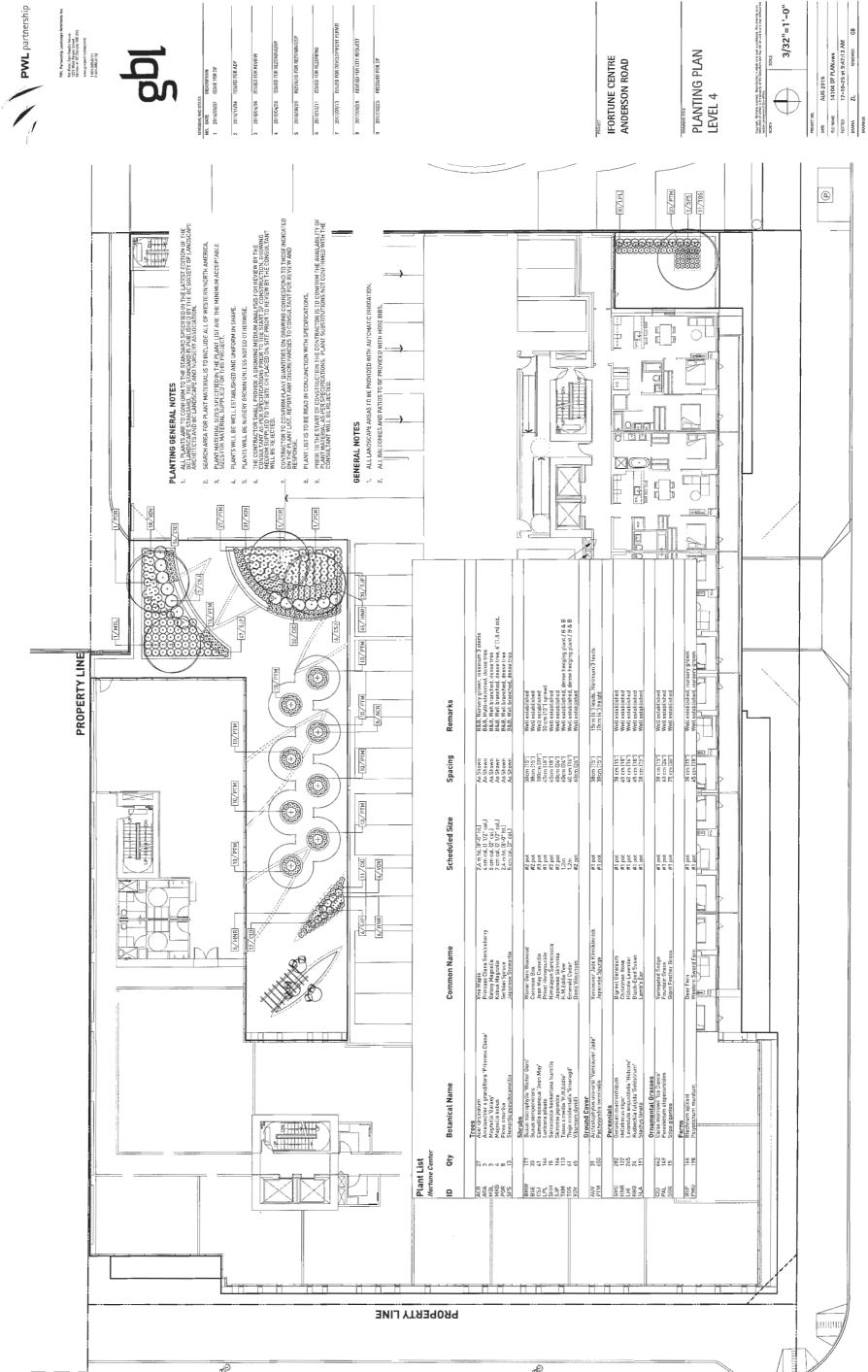
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LANDSCAPE DRAWINGS ARE TO BE READIN CONJUNCTION WITH ARCHITECTURAL AND ENGINEERING DRAWINGS. REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.

VERIFY ALL DIMENSIONS WITH FIELD CONDITIONS, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESPONSE.

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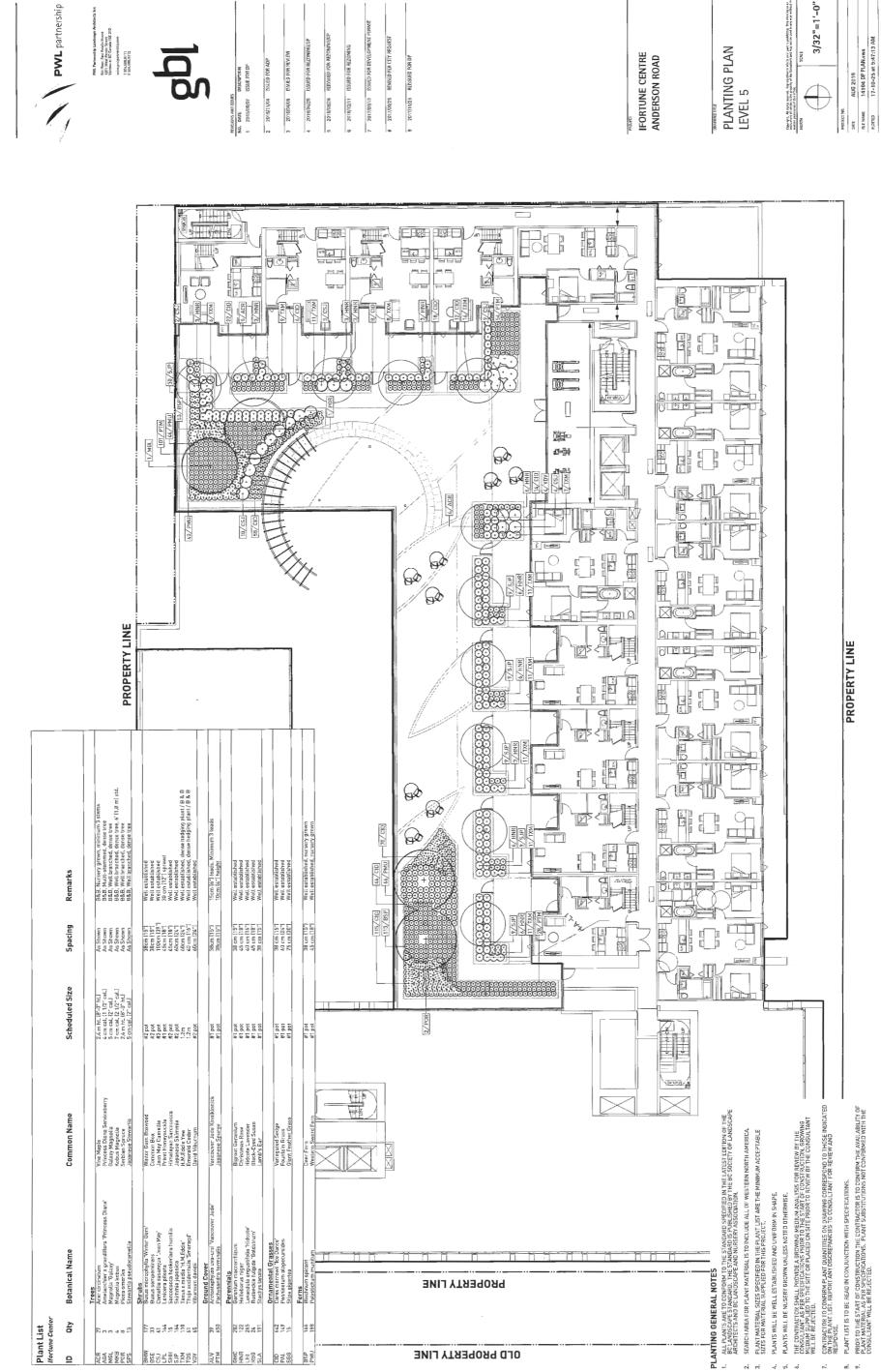
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ALL LANDSCAPE AREAS TO BE PROVIDED WITH AUTOMATIC IRRIGATION.
 ALL BALCONIES AND PATIOS TO BE PROVIDED WITH HOSE BIBS.

GENERAL NOTES

7.



282 122 265 24 191

BMW BSE CSJ LPL SSH SSJP TXM VDV

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ОГД РЯОРЕЯТУ LINE

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PROPERTY LINE

PLANTING PLAN
LEVEL 6

SURPHY OF THE WAY AND THE PROPERTY OF T

IFORTUNE CENTRE
ANDERSON ROAD

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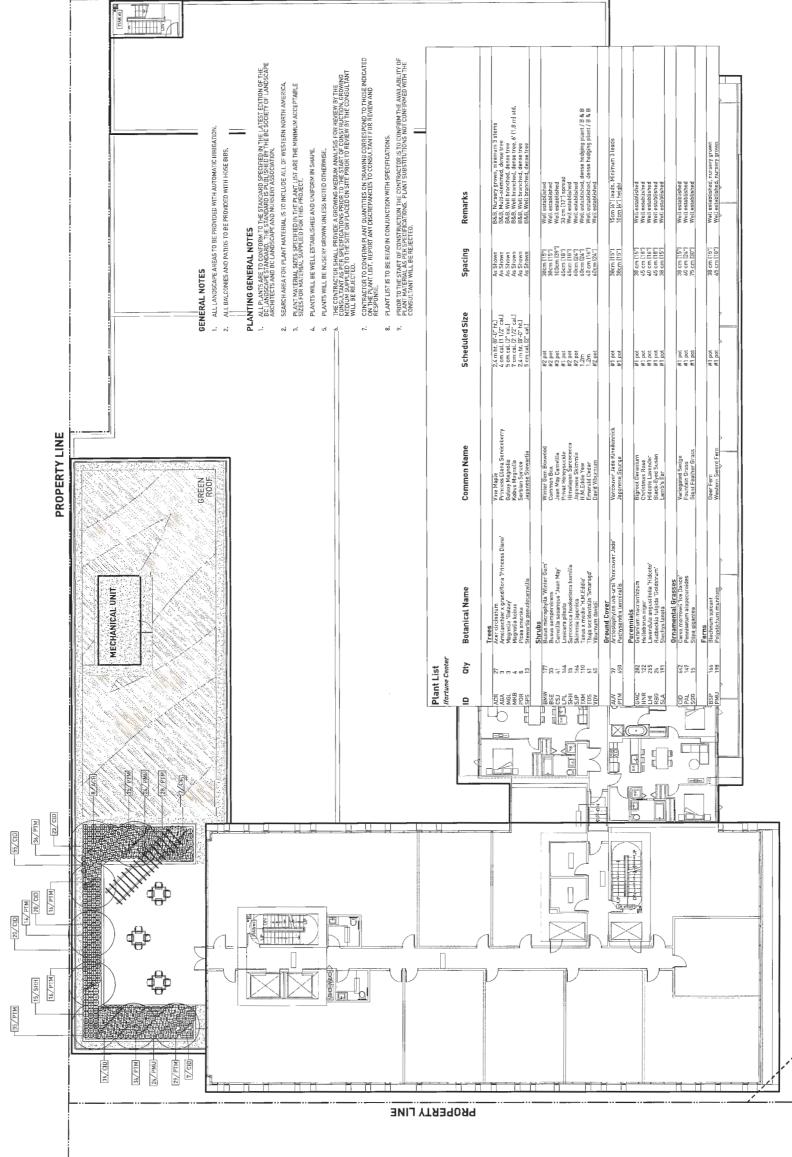
PWL partnership

PMI, Pertnership Landroge, Arch Bin Houg, East Andric House 1201 Held Perez Street Varous et fil Chenik NE 272 www.peliparine.zhip.com 1 504.0546.111 F GALGERE 112

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2 2015/11/04 ISSUED FOR ADP 3 2016/04/05 ISSUED FOR REVIEW



ОСО РЯОРЕЯТУ СІИЕ

3/32"=1'-0"

PLANTING PLAN LEVEL 7

IFORTUNE CENTRE ANDERSON ROAD

\$0 TOS \$20 BSE \$40 CPL

Well established
Well established
Well established
St. Grand (121) general
Well established

38cm [15"] 38cm [15"] 100cm [39"] 46cm [18"] 60cm [24"] 40 cm [16"] 60cm [24"]

#2 pot #2 pot #3 pot #1 pot #2 pot #2 pot #2 pot #2 pot

Winter Gem Boxwood
Common Box
Jean May Camelia
Privet Honeysuckte
Hmalayan Sarvococca
Japanese Skimmia
HM. Liddig Yew
Emerald Cedar

/ancouver Jade Kinniki Japanese Spurge

15cm [6"] leads. Minimum 3 lead 10cm [4"] height

#1 pot #1 pot #1 pot #1 pot

Well established, nursery grown Well established, nursery grown

38 cm (15") 45 cm (18")

#1 pot #1 pot

Well established Well established Well established

-45/LPL

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Вите AUG 2015

Гед миже 14104 DP PLANAWX

Респер 17-10-25 at 847:13 AM

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PROPERTY LINE



ALL LANDSCAPE AREAS TO BE PROVIDED WITH AUTOMATIC IRRIGATION.
 ALL BALCONIES AND PATIOS TO BE PROVIDED WITH HOSE BIBS.

GENERAL NOTES

5 2018/08/26 REISSUED FOR REZONING/C 4 2016/04/28 ISSUED FOR REZONING/DR 3 2016/04/05 ISSUED FOR REVIEW 2 2015/11/04 ISSUED FOR ADP

(F)

ALL PLANTS ARE TO CONFORM TO THE STANDARD SPECIFIED IN THE LATEST EDITION OF THE BECLANDSLADE STANDARD. THE STANDARD THE STANDARD THE BECSOLETY OF LANDSCAPE ARCHTECTS AND BELLANDSCAPE AND WINSERT ASSOLATION.

PLANTING GENERAL NOTES

PROPERTY LINE

SEARCH AREA FOR PLANT MATERIAL IS TO INCLUDE ALL OF WESTERN NORTH AMERICA PLANT MATERIAL SIZES SPECIFIED IN THE PLANT LIST ARE THE MINIMUM ACCEPTABLE SIZES FOR MATERIAL SUPPLIED FOR THIS PROJECT.

7 2017/03/13 ISSUED FOR DEVELOPMENT PERMIT 6 2015/12/11 ISSUED FOR REZONING

(3)

CCONTRACTOR TO CONFIRM PLANT QUANTITIES DIN DRAWING CORRESPOND TO THOSE INDICATED BOY THE AAN LIST, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REVIEW AND RESCROME.

THE CONTRACTOR SHALL PROVIDE A BROWNIN MEDIUM ANALYSIS FOR REVIEW BY THE CONSTRACTOR SPECIFICATIONS PRIOR TO THE STRAT OF CONSTRUCTION, BROWNING MEDIUM SUPPLIED TO THE STEE OR PLACED ON SITE PRIOR TO REVIEW BY THE CONSULTANT WILL BE REJECTED.

PLANTS WILL BE WELL ESTABLISHED AND UNIFORM IN SHAPE. PLANTS WILL BE NUSERY GROWN UNLESS NOTED OTHERWISE.

PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR IS TO CONFIRM THE AVAILABILITY OF EVENT MATERIAL AS PRESPECTED TO PLANT SUBSTITUTIONS NOT CONFIRMED WITH THE CONSULTANT WILL BE REJECTED.

9 2017/10/25 REISSUED FOR DP

РВОРЕЯТУ LINE

AL2/8

8 HNR

1/MGL

28/PTM

31/CID

BSE

B&B. Mursery grown, minimum 3 stems
B&B. Mulsi-semmed, dense tree
B&B. Well branched, dense tree
B&B. Well branched, dense tree, 6' (1,8 ml std.,
B&B. Well branched, dense tree
B&B. Well branched, dense tree

Remarks

Spacing

Scheduled Size

Соттоп Nате

Plant List

PROPERTY LINE

ОГО РКОРЕЯТУ LINE



IFORTUNE CENTRE ANDERSON ROAD

PLANTING PLAN LEVEL 9

14104 DP PLAN.vwx 17-10-25 at 9:47:13 AM

PROPERTY LINE

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PWI, Parterning Landscape. Avel 8th Flour, East Avaller Focus: 1210 Meer Ferrert School Various or BC Camida VEE 2V2 reverse or BC Camida VEE 2V2 reverse of BC Camida VEE 2V2 FOCUSER 111 FOCUSER 111

PWL partnership

75/BMW 2/5P5 2/5PS CONTRACTOR TO CONFERM PLANT QUANTITIES ON DRAWING CORRESPOND TO THOSE INDICATED RESPONS. AT LIST, REPORT ANY DISCREPANCIES TO CONSULTANT FOR REWIEW AND PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR IS TO CONFIRM THE AVAILABILITY OF VALVIM MATERIALAS PRE SPECIFICATIONS, PLANT SUBSTITUTIONS NOT CONFIRMED WITH THE CONSULTANT WILL BE REJECTED. ALL PLANTS ARE TO CONFORM TO THE STANDARD SPECIFIED IN THE LATEST EDITION OF THE BY CLANGSCAPE FARIANDAD. THE STANDARD IN SPRUISHED BY THE BIG SOCIETY OF LANDSCAPE ARCHITETS AND BELLANDSCAPE AND WHISEIRY ASSOCIATION. THE CONTRACTOR SHALL PROVIDE A BROWNIN MEDIUM ANALYSIS FOR REVIEW BY THE CONSTRUCTOR, STORED BY THE CONSTRUCTOR, STOWNING WILD WEIGHT STORED TO THE STE OR PLACED ON SITE PRIOR TO REWEW BY THE CONSULTANT WILL BE REJECTED. SEARCH AREA FOR PLANT MATERIAL IS TO INCLUDE ALL OF WESTERN NORTH AMERICA. PLANT MATERIAL SIZES SPECIFIED IN THE PLANT LIST ARE THE MINIMUM ACCEPTABLE. SIZES FOR MATERIAL SUPPLIED FOR THIS PROJECT. ALL LANDSGAPEAREAS TO BE PROVIDED WITH AUTOMATIC IRRIGATION
 ALL BALCONIES AND PATIOS TO BE PROVIDED WITH HOSE BIBS. PLANT LIST IS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS. PLANTS WILL BE NUSERY GROWN UNLESS NOTED OTHERWISE. PLANTS WILL BE WELL ESTABLISHED AND UNIFORM IN SHAPE. 000 v u PLANTING GENERAL NOTES

1. ALL PLANTS ARE TO CONFORM TO PROPERTY LINE **GENERAL NOTES** D.W. won, minimum 3 stems need, dense tree vid, dense tree vid, dense tree, 6 (1,8 m) std., dense tree (1,4 ms tree) (1,4 ms tree) (1,4 ms tree) Well examilished
Well examilished Scm (6") leads, Minimum 3 leads 10cm [4"] height Well established, nursery grown Well established, nursery grown B&B, Nursery grown, n B&B, Mutt-stemmed, o B&B, Well branched, dd B&B, Well branched, dd B&B, Well branched, dd B&B, Well branched, dd Well established Remarks Spacing 38 cm (15") 45 cm (18") 2.4 m ht. |8-0" ht.] 4 cm cat. |1 1/2" cat.] 5 cm cat. |2" cat.| 7 cm cat. |2 1/2" cat.] 2.4 m ht. |8-0" ht.] 5 cm cat. |2" cat.] Scheduled Size #2 pot #3 pot #3 pot #1 pot #2 pot 1.2m 1.2m #2 pot #1 pot #1 pot #1 pot #1 pot Vancouver Jade Kinnikinnici Japanese Spyrqe Common Name Variegated Sedge Fountain Grass Glant Feather Grass Bigroot Geranium Christmas Rose Hidcote Lavender Black-Eyed Susan Lamb's Ear Plant List ūty PROPERTY LINE

PROPERTY LINE

3/32"=1'-0"

PLANTING PLAN LEVEL 11

IFORTUNE CENTRE ANDERSON ROAD

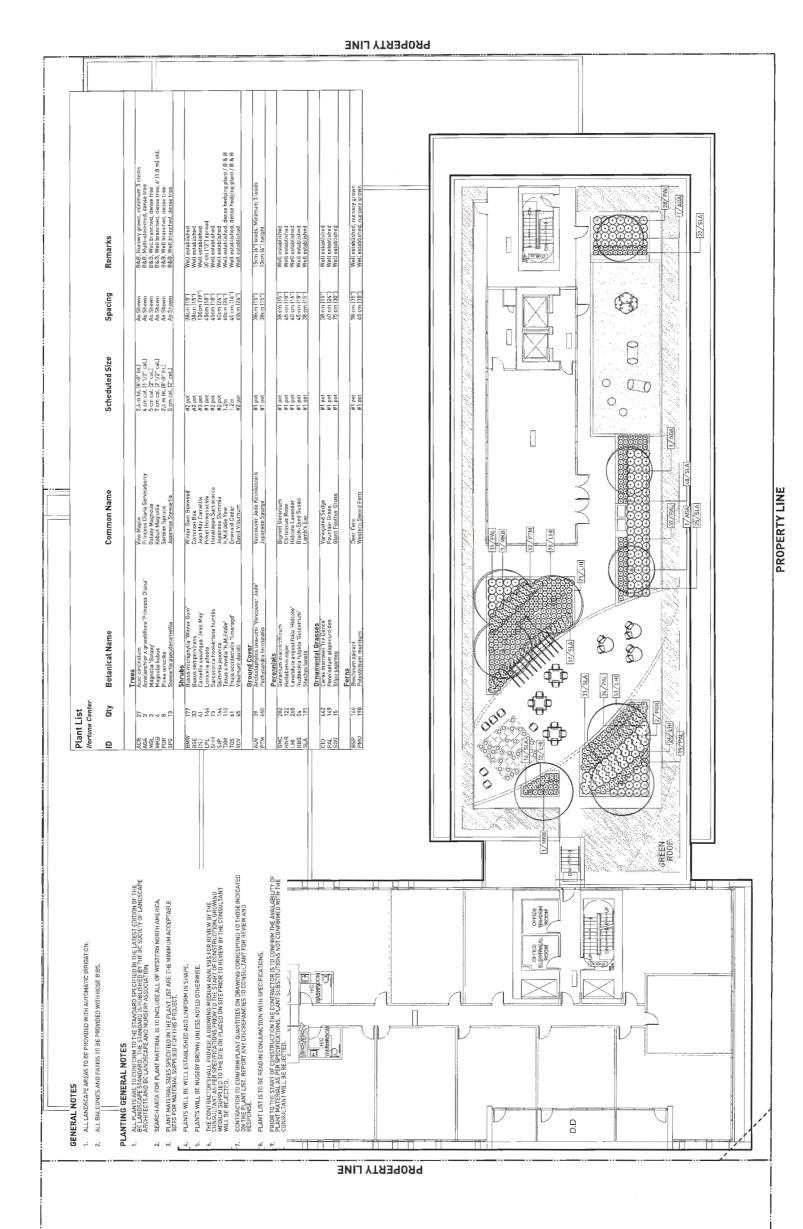
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PWL partnership

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2016/12/11	2017/03/13	2017/09/25	2017/10/25
<u>.</u>	7		m



ОГО РКОРЕКТУ LINE

LiveRoof DEEP SYSTEM

	CONNECTION	SOMETRIC VIEW	NAME OF THE PERSON		386				SPACE SCREWS FOURLY: MANUFACTURES RECOMMENDS EDGING BE FASTENED TO TRAYS FOR ALL A PPLICATIONS. *AMALABLE FROM FASTENAL ISOTHS+5374 MODEL #32091
		ISOME	PERMALOC LIVEROOF— EDGE ALUMINUM RESTRAINT	GREENROOF MODULE TEKS 10-16 X 1" WAFER HEAD	PAVER OR BALLAST	SUP SHEET	CONCRETE ROOF	PLACE TEK SCREW AT TOP OF DRAINAGE HOLE AS SHOWN.	SPACE SCREWS EQUALLY- MINIMUM OF TWO PRETTANT MANUFACTURER RECOMMER THANS FOR ALL APPLICATION
SIZE: ALL 8' (2,4444) LENGTHS ad 0,250" (8,35444)	□ 3' x 3.25' (70kM x 63kM); □MF □9L □ 4.25' 3.25' (105kM x 63kM); □MF □6L □ 6.5' x 5.5' (105kM x 100kM)] □MF □6L	FINISH LEGEND: APPLIED ROBERT OF A CHRISTIAN APPLIED BAKED ON PAINT, METS AAMA 2603	NOTES:	1. INSTALLATION PER MANUFACTURER'S RECOMMENDED TINSTALLATION GUIDELINES' IN ACCORDANCE WITH DESIGNER'S INSTRUCTIONS.	2. 8'-0" (2.44M) SECTIONS CONNECTED WITH 2 - 2.75" (70MM) SLIDING CONNECTORS.		4. PENMALD'S GEOEDES AS MANUFACTURED BY PERIMALOC CORPORATION, HOLLAND MI. (618) 359-3600	5. CONTRACTOR'S NOTE. FOR PRODUCT AND PURCHASING INFORMATION VISIT: WWW PERMALOC.COM	*DESIGNER MARNTAINS ULTIMATE RESPONSIBILITY FOR VALIDITY AND SAFETY OF THE INSTALLATION.

LiveRoof

LiveRoof, LLC P.O. Box 533 (800) 875-1392 Spring Lake, MI 49456 www.liveroof.com

GREEN ROOF DETAIL NTS

LiveRoot System Setanshed Weight; 40-50 tos / sf

	lems.	(1.8 m) std.				ant/B&B
Remarks	B&B. Nursery grown, minimum 3 stems B&B, Multi-stemmed, dense tree	B&B Welt branched, dense tree B&B Welt branched, dense tree, 6' (1.8 m) std, B&B, Welt branched, dense tree B&B, Welt branched, dense tree	Well established Well established	Well established 30 cm [12"] spread	Well established Well established	Well established, dense hedging plant / B & B
Spacing	As Shown As Shown	As Shown As Shown As Shown As Shown	38cm [15"] 38cm [15"]	100cm [39"] 45cm [18"]	45cm [18"] 60cm [24"]	20 cm [14"]
Scheduled Size	2.4 m ht. (80" ht.) 4 cm cal. (1 1/2" cal.)	5 cm cal. [2" cal.] 7 cm cal. [2 1/2" cal.] 2,4 m ht, [8"-0" ht.] 5 cm cal. [2" cal.]	#2 pot #2 pot	#3 pot #1 not	#2 pot	mz.1
Соттоп Nате	Vine Maple Princess Dlana Serviceberry	Galaxy Magnolia Kobus Magnolia Serbian Spruce Japanese Stewartia	Winter Gem Boxwood Common Box	Jean May Came(Ilia Privet Honevsuckle	Himalayan Sarcococca Japanese Skimmia	H.M.Eddie Tew
	rincess Diana		·m·		Ils	

Botanical Name

Oty

Plant List

15cm (6") loads, Minimum 3 leads 10cm (4") height

38cm (15") 38cm (15")

Vancouver Jade Kinnil Japanese Spurge

Well established Well established Well established Well established Well established

#1 pot #1 pot #1 pot

Bigroot Geranium Christmas Rose Hidrotte Lavender Black-Eyed Susan Lamb's Ear

282 122 265 24 191

642 149 15

Well established Well established Well established

38 cm (15") 60 cm (24") 75 cm (30")

#1 pot #1 pot #3 pot

38 cm [15"] 45 cm [18"]

PWL partnership PPI. Pertorskip Landonape Archis Na Pione, East Anaire House Tatal West Profess Steel Vancouver of Chesia NE 202 www.poliperforchish.com 7 604.884.8111 F 604.884.82112 7 2017/03/13 ISSUED FOR DEVELOPMENT PERMI 198 5 ZO18/DB/ZG REISSUED FOR REZONING/D 8 2017/09/25 REVISED PER CITY REQUEST 4 2016/04/26 ISSUED FOR REZONING/DI 6 2016/12/11 ISSUED FOR REZONING 3 2016/04/05 ISSUED FOR REVIEW Z 2015/11/04 ISSUED FOR ADP REVISIONS AND ESUES
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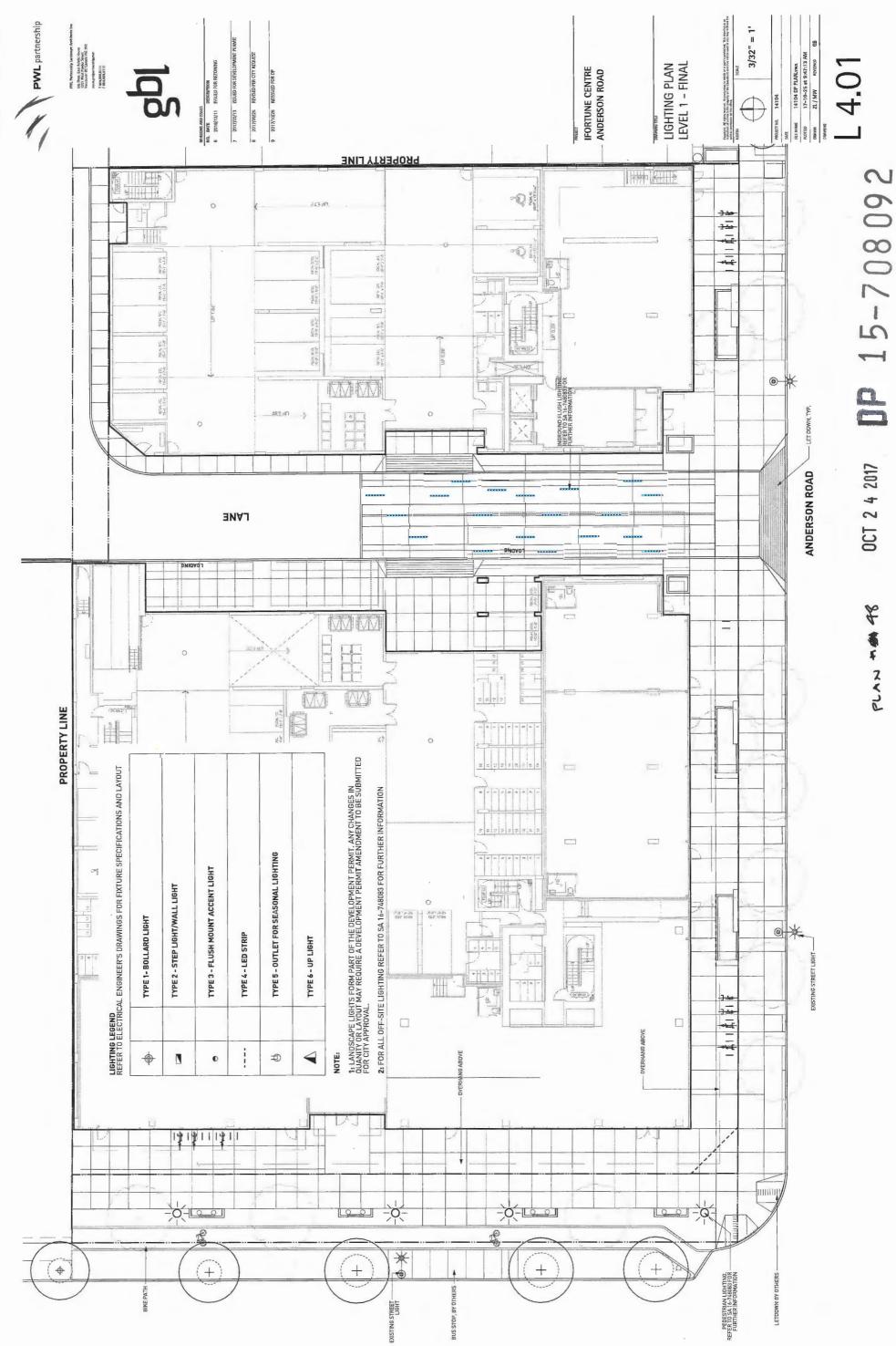
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IFORTUNE CENTRE ANDERSON ROAD

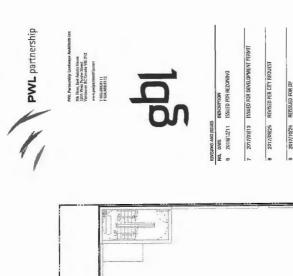
PLANT LIST-FINAL

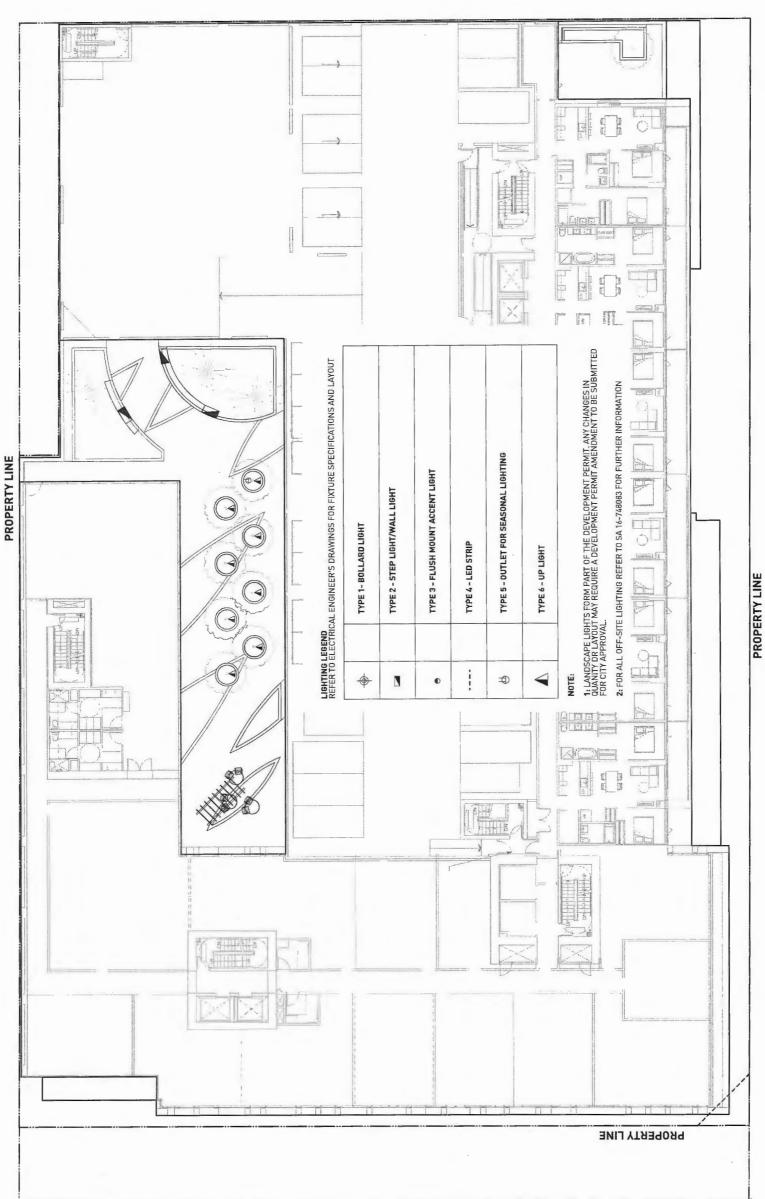
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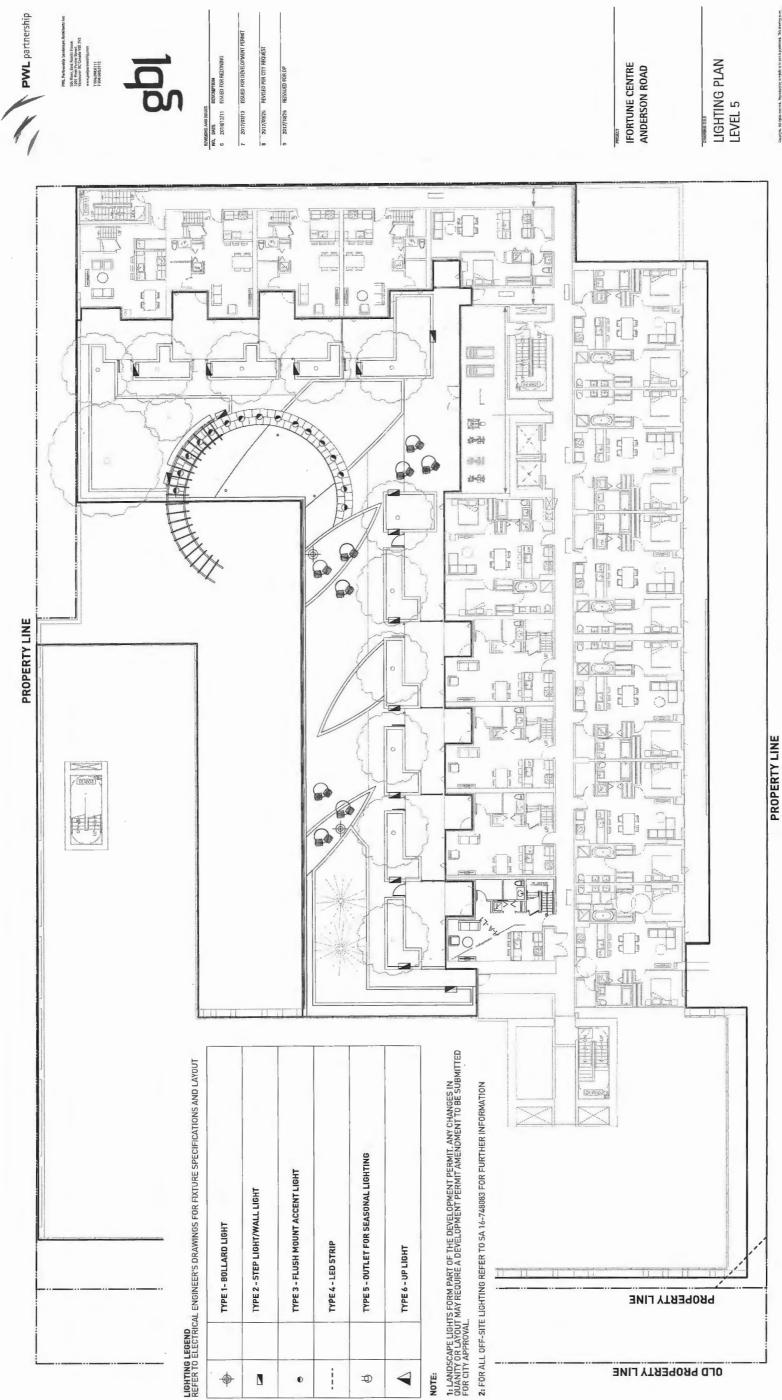


IFORTUNE CENTRE ANDERSON ROAD

LIGHTING PLAN LEVEL 4

ОСО РЯОРЕЯТУ LINE





NOTE:

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PROPERTY LINE

IFORTUNE CENTRE ANDERSON ROAD

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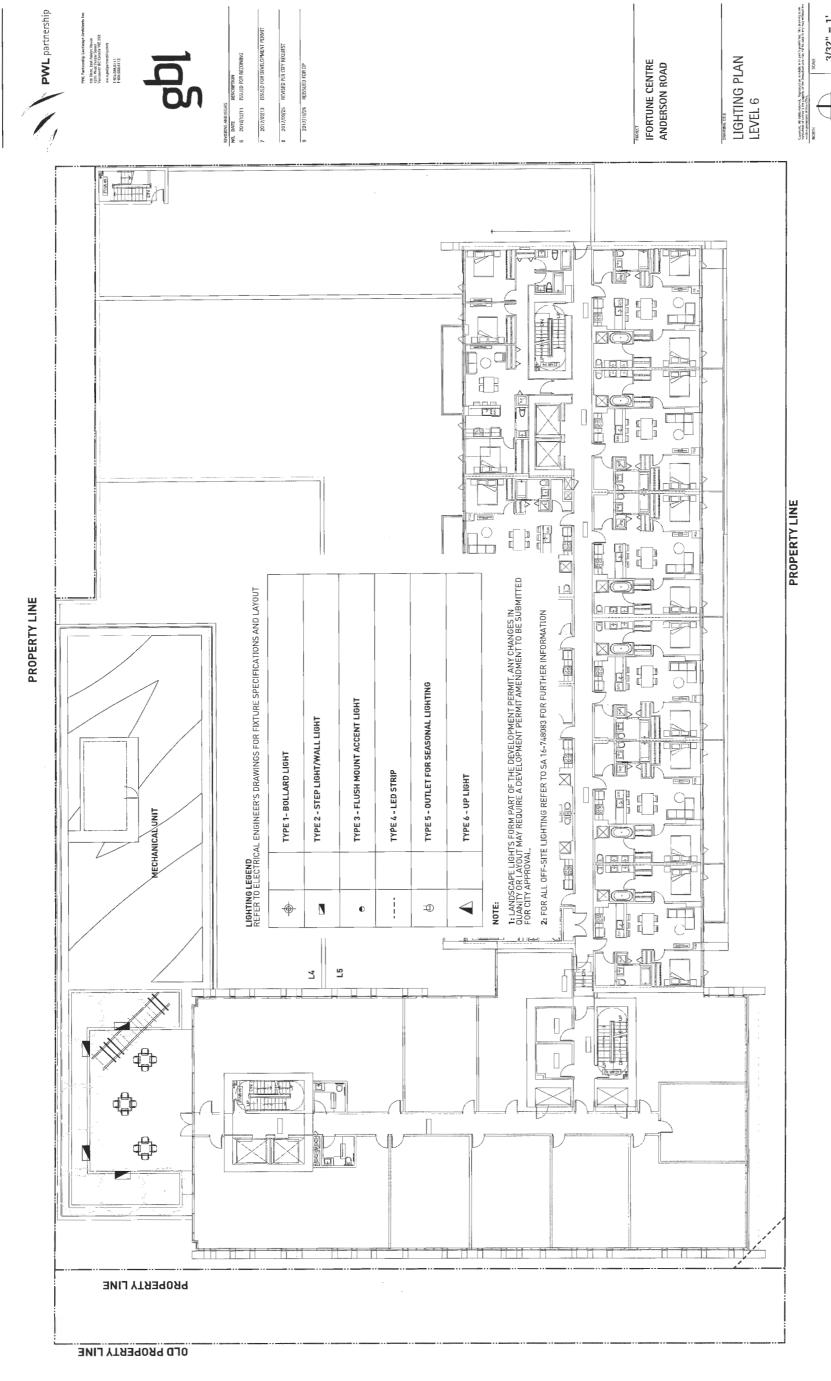


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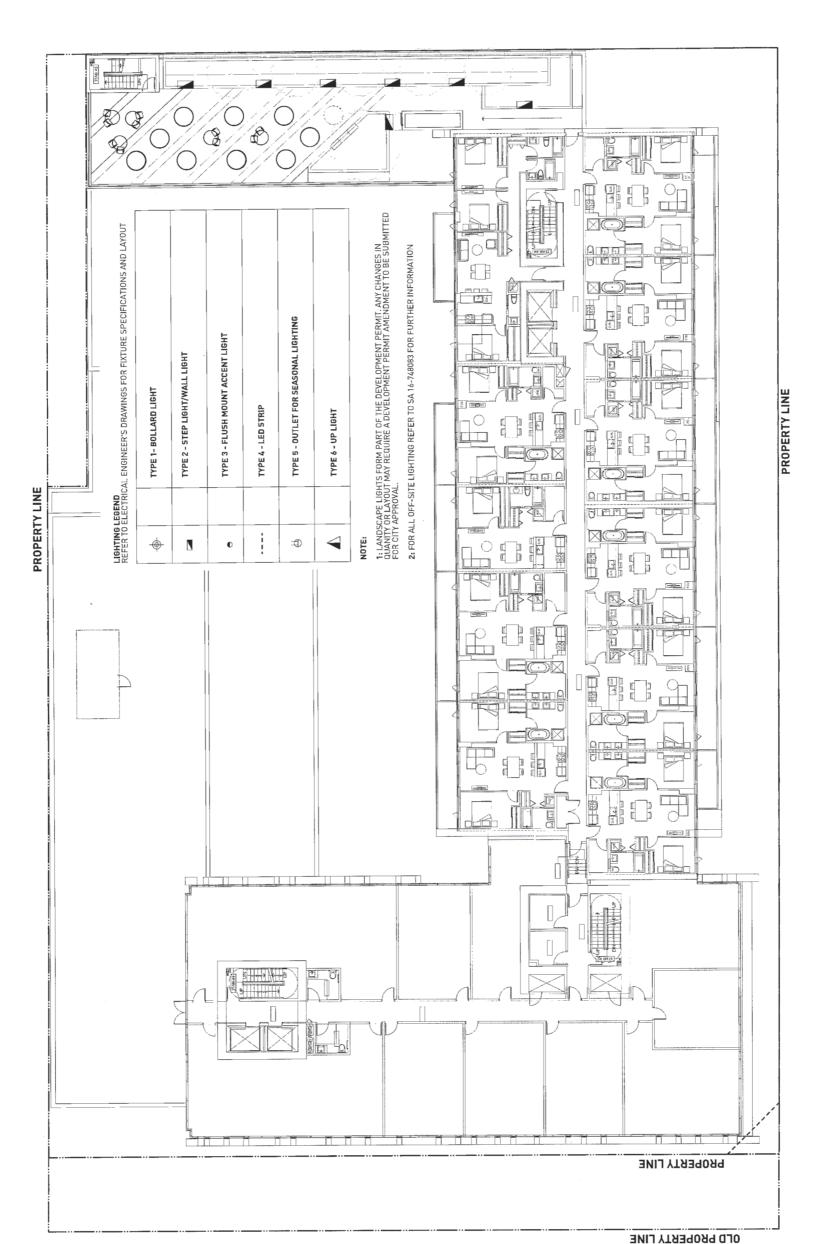
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IFORTUNE CENTRE ANDERSON ROAD





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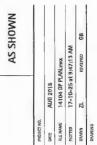
2: FOR ALL OFF-SITE LIGHTING REFER TO SA 16-748083 FOR FURTHER INFORMATION **LIGHTING LEGEND**REFER TO ELECTRICAL ENGINEER'S DRAWINGS FOR FIXTURE SPECIFICATIONS AND LAYOUT TYPE 5 - OUTLET FOR SEASONAL LIGHTING TYPE 3 - FLUSH MOUNT ACCENT LIGHT TYPE 2 - STEP LIGHT/WALL LIGHT BOLLARD LIGHT TYPE 4 - LED STRIP TYPE 6 - UP LIGHT TYPE 1-NOTE: 1 N D,D

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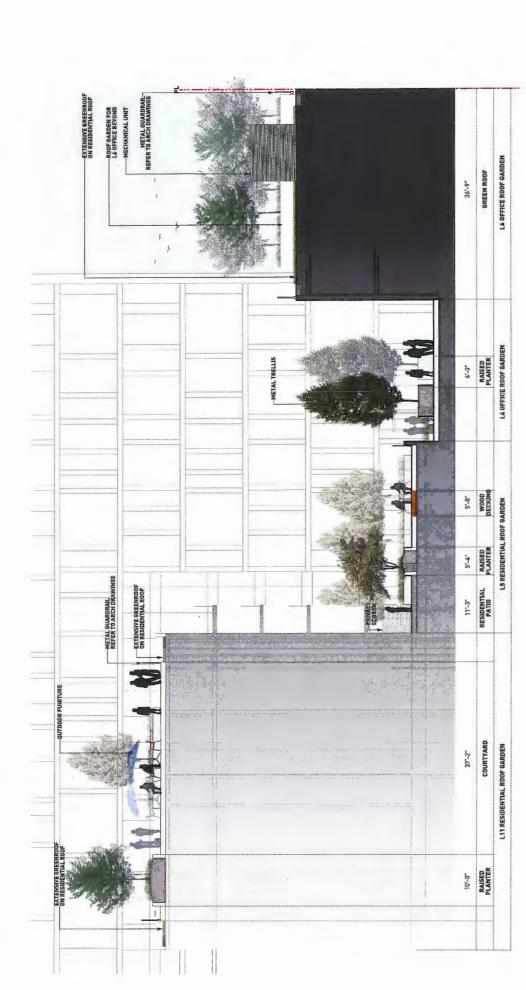
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East West Section







PWL partnership

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SCALE

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IFORTUNE CENTRE ANDERSON ROAD

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PWL partnership

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6'-10" SIDEWALK DISPLAY SPACE		CANDPY, REF	BOILDING
6'-6" PLANTING/ SEATING	3'0.		<u> </u>
6'-6"			*
\$1-2" TREE BLYD	30.		
ANDERSON ROAD			

Anderson Road Public Realm

ф : TREE

1 No.3 Road Public Realm SCALE: 1/8"=1'-0"

INTERIOR LANE ENTRANCE AT ANDERSON RD.

3D IMAGES

DANTE DANTE DE BRANN BET AB

SCALE

JOB NUMBER A-6.01

IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT







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IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT

3D IMAGES

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JOB NUMBER
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198

VIEW FROM ANDERSON STREET

3D VIEW OF BUILDING ADJACENCIES TO THE EAST

PROPOSED DEVELOPMENT -

SHADOW STUDY
DATE DRAWN BY
CHECKED BY
SCALE
JOB NUMBER

AB

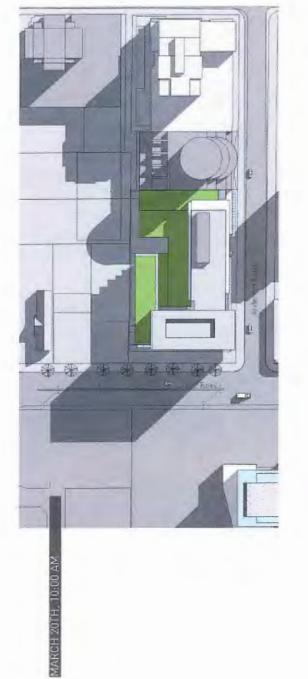
IFORTUNE Centre Anderson Road 8051 Anderson Road Richmond, BC RZ 14-678448 / DP 15-708092 MIXED USE DEVELOPMENT







MARCH 20TH, 2:00 PM



195