

## **Report to Development Permit Panel**

To: Development Permit Panel Date: May 22, 2024

From: Suzanne Smith

DP 23-023854 File:

Program Manager, Planning & Development

Re:

Application by HNPA Architecture & Planning Inc. for a Development Permit at

6071 Azure Road

#### **Staff Recommendation**

That a Development Permit be issued which would:

- 1. Permit the construction of a low-rise to mid-rise residential development comprising 330 residential units, including 50 low-end-of-rental (LEMR) units, 110 moderate-income rental units and 170 market rental units at 6071 Azure Road on a site zoned "Low to Mid Rise Apartment (ZLR45) - Thompson"; and
- 2. Vary the provisions of Richmond Zoning Bylaw 8500 to:
  - a) Reduce the minimum setback from Westminster Highway from 4.5 m to 4.35 m behind the bus stop and 4.14 m at the Westminster Highway and Azure Boulevard corner cut; and
  - b) Reduce the minimum manoeuvring aisle width from 6.7 m to 6.1 m.

Suzanne Smith

Program Manager, Planning and Development

(604-276-4138)

SS:sb

Att. 2

#### Staff Report

#### Origin

HNPA Architecture & Planning Inc., on behalf of owner Sun Valley Rental Ltd. Inc. No. BC 0923745 (Directors: Yiwei Xuan, Hanping Xuan and Minrong Zhang), has applied to the City of Richmond for permission to develop a residential rental tenure low-rise to mid-rise development at 6071 Azure Road on a site zoned "Low to Mid Rise Apartment (ZLR45) – Thompson".

The site is being rezoned from the "Low Density Townhouses (RTL1)" zone to the "Low to Mid Rise Apartment (ZLR45) – Thompson" zone for this project under Richmond Zoning Bylaw 8500, Amendment Bylaw 10406 (RZ 21-942276). The site is also subject to an associated amendment to the City's Official Community Plan (OCP) City of Richmond 2041 OCP Land Use Map to change the designation of the subject site from "Neighbourhood Residential" to "Apartment Residential" under Official Community Plan Bylaw 9000, Amendment Bylaw 10407.

Highlights of the proposed development include:

- Redevelopment of an existing rental residential site with 330 residential rental units including 50 Low-End Market Rental (LEMR) units, 110 moderate-income rental units and 170 market rental units.
- Two four-storey apartment buildings located at the west and south edges of the subject site and one six-storey apartment building located in the northeast corner of the subject site. All three buildings are located over a single-level parking structure.
- A total floor area of approximately 24,371 m<sup>2</sup> (262,327 ft<sup>2</sup>) comprised of:
  - Approximately 4,486 m<sup>2</sup> (48,287 ft<sup>2</sup>) of LEMR housing units distributed over most floors of two buildings.
  - Approximately 5,946 m² (64,002 ft²) of moderate-income rental housing units provided over two buildings.
  - Approximately 13,942 m<sup>2</sup> (150,069 ft<sup>2</sup>) of market rental housing units and common circulation space provided over the three buildings.
- Additional approximately 510 m<sup>2</sup> (5,490 ft<sup>2</sup>) indoor amenity space provided over the three buildings.
- The developer intends to phase construction of the development. The first phase would consist of the southern building fronting Azure Road, the northwestern building fronting Westminster Highway and the parking structure. The second phase would consist of the northeastern building as shown in the DP plans. The first phase includes all of the LEMR units, 17 per cent of the moderate-income rental units and 49 per cent of the market rental units. The first phase includes residential amenity spaces in both buildings, which would be supplemented with amenity use of the rental management offices until the second phase is completed, which will be secured by legal agreement.

A Servicing Agreement is required as a condition of rezoning and includes, but is not limited to, Westminster Highway widening, Azure Road traffic calming, frontage improvements, sanitary sewer upgrades and utility connections.

#### **Development Information**

Please refer to 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: Across Westminster Highway, in the Oval Neighbourhood (City Centre) is the

WorkSafe BC complex and a warehousing complex. The WorkSafe BC lot is zoned "Downtown Commercial (CDT1)" and is designated in the CCAP for high-rise residential, commercial, mixed-use and institutional development (Urban Core T6 (45m) and Institution). The warehousing lot is zoned "Industrial Business Park (IB1)" and is in an area designated in the CCAP for low-rise residential and limited commercial development (General Urban T4 (15m)).

To the South: Across Azure Road, are single-detached homes on lots zoned "Single Detached

(RS1/E)" and designated in the OCP for Neighbourhood Residential development. Further to the southeast are Brighouse Neighbourhood School City Park and

Samuel Brighouse Elementary School.

To the East: Across Azure Boulevard, is a three-storey rental apartment complex on a lot

zoned "Medium Density Low Rise Apartments (RAM1)" and designated in the

OCP for multi-family apartment development (Apartment Residential).

To the West: Along the west edge of the site, are five adjacent single-detached homes fronting

onto Azure Road and Camsell Crescent on lots zoned "Single Detached (RS1/E)"

and designated in the OCP for Neighbourhood Residential development.

#### **Rezoning and Public Hearing Results**

The Public Hearing for the rezoning of this site was held on October 17, 2022. At the Public Hearing, the following architectural form and character concerns about rezoning the property were expressed by area residents:

• Loss of views and change in skyline.

The proposal includes four and six-storey buildings, which will introduce a varied roofline on the subject site and in the neighbourhood and provides for building height stepping down to interface with the adjacent single-detached home neighbourhood.

• Tree removal.

Tree management was addressed in the rezoning staff report, including the removal of 45 existing bylaw-size trees on the subject site and the retention and protection of trees along the west property line. Three trees are being retained and the protection of all trees on the neighbouring properties to the west is required, including 33 trees located on the neighbouring adjacent properties to the west and 16 trees along the shared property line that are jointly owned with the neighbouring adjacent properties.

- Privacy impacts.
  - Tree retention and protection of the neighbouring and jointly owned trees along the west property line, including a significant building setback, provides a significant buffer to the single-family lots to the west. The presence of setbacks, street frontages and roads to the north, east and south provide adequate buffer along the other site edges.
- The provision of parking and concerns related to existing on-street parking, traffic congestion and safety.

The development proposal accommodates the anticipated needs for on-site resident and visitor vehicle parking and bicycle storage identified by the consultant transportation engineer in a parking study submitted in support of the development. The study includes the provision of Transportation Demand Management (TDM) measures to enhance use of transit, bicycle and car-share alternate modes of transportation.

A construction traffic and parking management plan is required to be submitted to the City prior to construction. The Brighouse Elementary School Principal will be consulted as part of the development and approval of the plan to ensure any specific concerns related to the school are considered.

Traffic Bylaw 5870 restricts on-street parking to no more than three hours between 8:00 am and 6:00 pm (residents parking in front of their homes excluded). Should there be an issue, residents may contact Community Bylaws with concerns for enforcement of the bylaw. Staff was directed from the Planning Committee to explore a resident-only pilot parking project in the vicinity of the proposed development. Consultation was done with neighbourhood residents and a resident only pilot parking program has been initiated along Alta Court.

 Construction noise impacts.
 The developer is aware of and has committed to comply with the City's Good Neighbour Program. The developer is required to comply with the City's Noise Regulation Bylaw.

#### **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 and is generally in compliance with the "Low to Mid Rise Apartment (ZLR45) – Thompson" 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 minimum setback from Westminster Highway from 4.5 m to 4.35 m behind the bus stop and 4.14 m at the Westminster Highway and Azure Boulevard corner cut. (Staff supports the requested variance as it allows for a development with 330 rental housing units to be constructed and the variance is limited to portions of the site adjacent to Westminster Highway. The variance results from a localized area of required road widening for a new bus stop and a full-width bike path and sidewalk behind the bus stop along Westminster Highway as well as a required corner cut at the corner of Westminster Highway and Azure Boulevard).

2) Reduce the minimum manoeuvring aisle width from 6.7 m to 6.1 m. (Staff supports the requested variance in this neighbourhood with its unique parking concerns as the variance allows for the number of parking spaces to be maximized on a site that provides rental housing towards meeting community needs. A Transportation Engineer has confirmed that the manoeuvring aisle width is designed to accommodate small and regular sized vehicles manoeuvring into and out of the parking spaces. The owner is required to enter into a legal agreement prior to DP issuance advising tenants that the parkade design does not accommodate parking for vehicles larger than 5.5 m in length (e.g. larger pick up trucks). City transportation staff have reviewed the proposed variance and are in support).

#### **Advisory Design Panel Comments**

The Advisory Design Panel was supportive of the application. An annotated copy of the relevant excerpt from the Advisory Design Panel Minutes from February 22, 2024 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**

#### Housing

• The following table indicates the proposed unit mix of LEMR units to replace existing rental units, moderate-income rental units and market rental units, with the overall number of units remaining the same as noted at rezoning. Unit mix changes were made due to further design refinement and the requirement to comply with the minimum floor area within moderate-income rental units, the minimum number of market rental units, the maximum permitted floor area and the BC Building Code. The moderate-income rental unit mix includes one less one-bedroom unit and one additional three-bedroom unit. The market rental unit mix includes 15 additional studio units, 13 additional one-bedroom units, 39 fewer two-bedroom units and 11 fewer three-bedroom units. Despite these changes, the application complies with City policy with 46 per cent of the units being family-friendly with two to four bedrooms.

Unit Type	LEMR	Moderate-income Rental	Market Rental	Total
Studio	0% (0 units)	22% (24 units)	11% (19 units)	13% (43 units)
1-bedroom	8% (4 units)	56% (62 units)	41% (69 units)	41% (135 units)
2-bedroom	28% (14 units)	18% (20 units)	29% (49 units)	25% (83 units)
3-bedroom	58% (29 units)	4% (4 units)	19% (33 units)	20% (66 units)
4-bedroom	6% (3 units)	0% (0 units)	0% (0 units)	1% (3 units)
Total	50 Units	110 Units	170 Units	330 Units

- All of the units are rental and will be secured via Housing Agreements and bylaw secured through the rezoning which will come forward to Council for consideration prior to adoption.
- All of the proposed units are basic universal housing units that are designed to be easily renovated to accommodate a future resident in a wheelchair.

These single-storey units are required to incorporate all of the accessibility provisions listed in the Basic Universal Housing Features section of the City's Zoning Bylaw, and are permitted a density exclusion of 1.86 m<sup>2</sup> (20 ft<sup>2</sup>) per unit.

- 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; and
  - o solid blocking in washroom walls to facilitate future grab bar installation beside toilets, bathtubs and showers.

#### Conditions of Adjacency

- The massing of the development is broken down into three buildings arranged surrounding central open spaces, providing movement through the site and podium stair connections to Westminster Highway, Azure Boulevard and Azure Road along the west edge of the site.
- Tree retention and tree protection zone provide a landscape buffer that is fenced and gated along the west property line adjacent to neighbouring single-detached home properties.
- Long frontages are visually broken up with articulation provided with vertically stacked balconies and colour changes for visual interest and a more pedestrian-compatible scale and form.
- Podium-level units are proposed with raised semi-private balconies and grade change landscape buffer screening in terraced planters facing the Westminster Highway, Azure Boulevard and Azure Road fronting roads. The building lobbies are accessed from the fronting sidewalks.
- The site is subject to aircraft noise and the development is required to be designed and constructed to achieve OCP Aircraft Noise Sensitive Development policy indoor noise level and thermal comfort standards as secured through the rezoning. As part of the Building Permit application process, the applicant is required to provide acoustical and thermal reports and recommendations prepared by an appropriate registered professional, which demonstrates that the interior noise levels and noise mitigation standards comply with the City's Official Community Plan and Noise Bylaw requirements. The standard required for air conditioning systems and their alternatives (e.g. ground source heat pumps, heat exchangers and acoustic ducting) is the ASHRAE 55-2004 "Thermal Environmental Conditions for Human Occupancy" standard and subsequent updates as they may occur. Maximum interior noise levels (decibels) within the dwelling units must achieve CMHC standards follows:

Portions of Dwelling Units	Noise Levels (decibels)
Bedrooms	35 decibels
Living, dining, recreation rooms	40 decibels
Kitchen, bathrooms, hallways, and utility rooms	45 decibels

#### Urban Design and Site Planning

• The proposed building height is six-storeys at the northeastern portion of the site and fronting onto Westminster Highway and Azure Boulevard, and steps down in height to four-storeys toward Azure Road and the single-detached homes to the south, and four-storeys in the

- northwestern portion of the site and the single-detached homes to the west. This provides for transition in building form and density across the site stepping down toward the single detached housing areas.
- The buildings are arranged surrounding podium-level central open space and on top of a shared enclosed one-level parking structure which accommodates shared outdoor amenity space, semi-private decks and pedestrian access to all buildings, central indoor amenity area and stair connections to Westminster Highway, Azure Boulevard and Azure Road.
- Vehicle access to the one-level parking structure and loading area will be provided from Azure Boulevard on the east side of the site. Garbage/recycling storage is located inside the parking structure and collection will be accommodated from the open loading area.
- A six-storey building anchors the intersection of Westminster Highway and Azure Boulevard.
- The southern building has an entry lobby facing the public sidewalk on Azure Road. The northwestern building has an entry lobby facing the public sidewalk on Westminster Highway. The northeastern building has an entry lobby facing the public sidewalk on Azure Boulevard.
- Indoor amenity space proposed in this development exceeds Official Community Plan (OCP) requirements. Approximately 510 m² (5,490 ft²) of indoor amenity space is provided for the shared use of all residents in the development primarily in a central location of the main floor of the northeastern building and additional indoor amenity space is provided on the main floor of the northwestern building and the southern building and in the lobbies of all three buildings.
- Outdoor amenity space proposed in this development exceeds Official Community Plan (OCP) requirements. Approximately 3,565 m<sup>2</sup> (38,373 ft<sup>2</sup>) of outdoor amenity space is provided for the shared use of all residents in the development and is located in the central courtyard and the fifth-level of the northeastern building. Further details are provided in the Landscape Design and Open Space Design section of this report.
- The proposed development meets the requirements of the Richmond Flood Plain Designation and Protection Bylaw 8204. Registration of a flood plain indemnity covenant on Title was secured through the rezoning.

#### Architectural Form and Character

- The project proposes a contemporary architectural style. Articulation is provided through
  vertical balcony stacks and framing elements separating different materials and colours. A
  projecting framing element addresses the Westminster Highway and Azure Boulevard
  intersection. The scale of the building design elements on the low-rise and mid-rise
  buildings is pedestrian-friendly and provides visual interest.
- The exterior cladding is a combination of fibre cement panel with metal trim, fibre cement horizontal plank cladding, architectural concrete, metal and glass guardrails materials.
- Entry lobbies are identified with columns and covered areas framing entries with clearglazing and generous interiors.
- The colour palette of white, dark red, dark yellow and dark blue with accents of medium grey, wood-tone and wood-tone soffit provides visual interest.

#### **Transportation**

- One vehicle access will be provided off Azure Boulevard, providing access to the parking structure and adjacent loading area for residents and garbage/recycling collection.
- The proposed number of parking spaces is consistent with the Richmond Zoning Bylaw parking requirements, subject to the provision of the Transportation Demand Management measures (TDMs) secured through the rezoning, including:
  - Transit Pass Program with monthly bus pass (two-zone) offered to 100 per cent of the rental housing units (330 units) for a period of one year.
  - Additional Class 1 Bicycle Parking provision of Class 1 bicycle spaces at the rate of two spaces for each rental housing unit (instead of 1.25 spaces per housing unit). Bike storage rooms will have outlets for bicycle charging.
  - o E-bike and e-scooter storage area.
  - o Bicycle Maintenance Facility provision of a bicycle maintenance room for shared use by all residents, including a bike stand, repair tools and bike washing area.
  - Car-share parking provision of two car-share parking spaces (equipped with quick charge 240V electric vehicle charging stations).
- The proposed number of bicycle storage spaces is consistent with Richmond Zoning Bylaw requirements.
  - o There is a total of 660 Class 1 bicycle storage spaces provided in the parking structure.
  - There is a total of 67 Class 2 bicycle storage spaces provided outside the Westminster Highway, Azure Boulevard and Azure Road building entry lobbies and near the parking structure entry.

#### Tree Management

- Tree management was addressed at rezoning. There are 45 existing trees being removed
  from the development site. Existing trees are required to be protected including three trees
  on the subject site, 33 trees located on the neighbouring adjacent properties to the west and
  16 trees along the shared property line that are jointly owned with the neighbouring adjacent
  properties.
- Based on City policy of a 2:1 ratio of tree replacement 90 replacement trees were required through rezoning. Through the Development Permit the applicant proposes to plant 154 new trees.
- To ensure the protection of the three trees on site, the applicant is to enter into a tree survival agreement and provision of a \$35,000.00 tree survival security, as was secured through the rezoning.
- To ensure the protection of the existing trees on the adjacent properties to the west, the provision of a contract with a Certified Arborist for the supervision of all works conducted within or in close proximity to tree protection zones was secured through the rezoning.

#### Landscape Design and Open Space Design

- Along Westminster Highway, Azure Boulevard and Azure Road, raised semi-private patios are buffered with planting in tiered planters.
- Along the west edge of the subject site, a fenced and gated tree protection area is planted with grass under the existing trees being retained and protected.

- Class 2 bicycle racks are located at grade around the perimeter of the site in close proximity to two of the building entry lobbies and the parking structure entry.
- Outdoor amenity space is provided on the parkade structure podium and at the fifth-floor level of the northeastern building for the shared use of all residents in the development. A variety of tables and seating areas are provided, as well as a BBQ area.
   Exercise areas are provided. Shrub and tree planting is provided throughout the central courtyard and provides screening along the edges of the courtyard to surrounding semiprivate patios.
- The outdoor amenity space at the fifth-floor level of the northeastern building is for urban agriculture use as secured at rezoning. Two additional urban agriculture planter areas are provided in the podium-level outdoor amenity area.
- Children's play is accommodated in the podium-level outdoor amenity space with five play structures, open lawn areas as well as exercise deck areas. The children's play structures accommodate climbing, sliding and spring movement and social and imaginative play activities.
- The plant palette selection includes native and non-native, deciduous and coniferous species with a variety of textures and colours, providing all-season interest. The landscape design includes planting of 154 trees of fourteen species, including coniferous species of cedar, pine and spruce, and deciduous species of flowering cherry, katsura, magnolia, maple and oak. In addition, fruit bearing tree species of crabapple and serviceberry are proposed.
- Lighting details are included in the landscape DP plans. Downward focussed wall and stair
  mounted lighting and bollard lighting will be provided throughout the podium-level and fifthfloor level outdoor amenity spaces.
- An on-site automatic irrigation system will be provided for all planted areas.
- To ensure the provision of landscaping, a legal agreement and associated landscape security in the amount of \$1,328,911.65 is required prior to Development Permit issuance.

## Crime Prevention Through Environmental Design

- Crime Prevention Through Environmental Design (CPTED) principles have been considered throughout the proposed development.
- Public areas, and resident private/semi-private areas are designed to be well-defined by soft landscaping to clearly delineate boundaries of uses.
- The entry lobbies are designed with a high level of visibility from the fronting sidewalks.
- The parkade entry (overhead gate) is designed with clear sight lines.
- Views from interior spaces provide passive surveillance opportunities to outdoor amenity areas, patios and west side yard. Views from upper units provide passive surveillance opportunities of public sidewalks.

#### Sustainability and Renewable Energy

- The developer has committed to design the subject development to meet the City's application Step Code requirement of Step 3 with a privately owned low-carbon energy system.
- The development is being designed and constructed to connect to a District Energy Utility for domestic hot water heating when one is available, as secured at rezoning.

• The project includes planting on the parking podium, reducing urban heat island effect and improving air quality.

#### Conclusions

As the proposed development would meet applicable policies and Development Permit Guidelines, staff recommend that the Development Permit be endorsed, and issuance by Council be recommended.

Sara Badyal Planner 3

(604-276-4282)

Sara Badyal

SB:js

Att. 1: Development Application Data Sheet

2: Advisory Design Panel Minutes (Annotated Excerpt from February 22, 2024)

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

- 1. (DP Panel Notification Fee) Payment of all fees in full for the cost associated with the Development Permit Panel Notices, consistent with the City's Consolidated Fees Bylaw No 8636, as amended.
- 2. (Landscape Security) Entering into a legal agreement and submission of a landscaping security in the amount of \$1,328,911.65.
- 3. (Phasing Agreement) Entering into a legal agreement ensuring that any phasing of the development includes in the first phase the provision of all of the LEMR units and the use of the rental management offices for shared indoor amenity space use by the residents until the second phase is completed to ensure at least 100 m<sup>2</sup> of indoor amenity space is provided in each building.
- 4. (Parking Agreement) Entering into a legal agreement registered on Title requiring the owner to advise potential tenants and include in any rental agreements notification that the parkade design does not accommodate parking for vehicles larger than 5.5 m in length (e.g. larger pickup trucks).

Prior to future Building Permit issuance, the developer is required to complete the following:

- (Rezoning/Development Permit requirements) Compliance with legal agreements secured via the Rezoning and/or Development Permit processes.
- (Accessibility Measures) Incorporation of accessibility measures in Building Permit as determined via the Rezoning and/or Development Permit processes.
- (Aircraft Noise) Provision of and compliance with complete acoustical and thermal reports and recommendations prepared by an appropriate registered professional, which demonstrates that the interior noise levels and noise mitigation standards comply with the City's Official Community Plan and Noise Bylaw requirements. The standard required for air conditioning systems and their alternatives (e.g. ground source heat pumps, heat exchangers and acoustic ducting) is the ASHRAE 55-2004 "Thermal Environmental Conditions for Human Occupancy" standard and subsequent updates as they may occur. Maximum interior noise levels (decibels) within the dwelling units must achieve CMHC standards follows:

Portions of Dwelling Units	Noise Levels (decibels)
Bedrooms	35 decibels
Living, dining, recreation rooms	40 decibels
Kitchen, bathrooms, hallways, and utility rooms	45 decibels

- (Construction Hoarding) 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.
- (Construction Traffic and Parking Management) Submission of a construction traffic and parking management plan to the satisfaction of the City's Transportation Department (https://www.richmond.ca/services/transportation/special.htm#TrafficPlan).
- (Latecomer) If applicable, payment of latecomer agreement charges, plus applicable interest associated with eligible latecomer works.



# Development Application Data Sheet Development Applications Department

DP 23-023854			Attachment 1			
Address	6071 Azure Road					
Applicant	HNPA Architecture & Planning Inc.					
Owner	Sun Valley Rental Ltd., Inc. No. BC0923745					
Planning Area(s)	Thompson					
	Existing	Proposed				
Site Area	12, 005 m²					
Land Uses	Multiple Family Residential	Multiple Family Residential				
OCP Designation	Apartment Residential	Complies				
Zoning	Low to Mid Rise Apartment (ZLR45 Thompson	Requested variances noted	below			
Number of Units:	50 market rental units	50 LEMR units 110 moderate income rental 170 market rental units	units			
	Bylaw Requirement	Proposed	Variance			
Floor Area Ratio	Max. 2.1 (24,373.9 m²)	2.1 (24,371 m²)	None permitted			
Lot Coverage	Max. 90%	50%	None			
Setbacks Westminster Highway Azure Boulevard Azure Road Interior Side Yard	<b>Min. 4.5 m</b> Min. 4.5 m Min. 4.5 m Min. 4.5 m	Min. 4.14 m to 4.5 m 4.5 m 4.5 m 4.5 m to 7 m	Reductions of 0.36 m at corner cut and 0.15 m at bus stop			
Building Height	Max. 25 m	24 m	None			
Lot Size	10,000 m² Width: 80 m Depth: 100 m	11,606 m² Width: Approx. 93 m Depth: Approx. 117 m	None			
Parking Space rates	272 with TDMs LEMR: 30 Moderate Income Rental: 66 Market Rental: 123 Visitor: 53 including 2 car-share	275 with TDMs LEMR: 30 Moderate Income Rental: 66 Market Rental: 126 Visitor: 53 including 2 car-share	None			
Accessible Parking Spaces	Min. 2%	2%	None			
Small Car Parking Spaces	Max. 50%	50%	None			
Tandem Parking Spaces	Not Permitted	None	None			
Loading Spaces	2 medium	2 medium	None			
Bicycle Storage	Class 1: 660 (TDM) Class 2: 66	Class 1: 660 (TDM) Class 2: 67	None			
EV (Energized) Car Charging	100% resident parking spaces 100% car share parking spaces	100% resident parking spaces 100% car share parking spaces	None			
Amenity Space – Indoor	Min. 300 m²	510 m²	None			
Amenity Space - Outdoor	Min. 1,980 m²	3,565 m²	None			

# Annotated Excerpt from the Minutes from Advisory Design Panel Meeting

Wednesday, February 22, 2024 – 4:00 p.m. Remote (Webex) Meeting

#### Panel Discussion

Comments from Panel members were as follows:

- The western edge of the site should be considered from a CPTED perspective; clarify the nature of proposed lighting on the ground level and ensure that it will not impact the livability of apartment units above CPTED addressed with fencing and locked gate accesses provided at both ends of west yard for resident access only. Lighting details are shown on the landscape DP plans.
- Consider further articulation to the corner treatment of the building at the intersection of
  Westminster Highway and Azure Boulevard as it is a prominent corner; the location of the
  double height space at the building entry near the corner helps; however, further articulation
  to the corner would provide visual interest to motorists and pedestrians passing by Design
  improved with added windows and design refinement.
- Appreciate that the proposed development will provide 100 percent rental housing units *Noted.*
- Appreciate the provision of safe common outdoor amenity spaces for families with children *Noted*.
- Investigate opportunities for utilizing at least portions of roof spaces for usable common outdoor spaces, e.g. incorporating urban agriculture as opposed to full green roof Urban agriculture is provided at the fifth-floor level and shared outdoor amenity space is provided at podium-level. The upper building rooftops will be treated with standard roofing materials and will not be treated with green roof or water retention blue roof.
- Appreciate the project's accessibility strategy as presented by the applicant -Noted.
- Consider locating the intercom for access to the parkade on the driver's side to enhance the accessibility of the parkade to drivers with disabilities *Incorporated*.
- The project is well considered; appreciate the green separation between the residential units and garden spaces in the courtyard on the parkade roof; also appreciate the landscaping on the southwest corner to create a public space; consider a similar approach to the northeast corner of the subject site Considered. A landscaped area with planting and seating is provided at the intersection of Azure Road and Azure Boulevard and seating is provided on Westminster Highway.
- Consider introducing landscape elements to soften the long planters along Westminster Highway that are usable to the public *Addressed above*.
- Consider relocating the proposed urban agriculture areas, the southeast corner will be shaded and will not thrive; a similar condition exists for another urban agriculture on the parkade roof due to the Katsura trees planted on the east side; consider relocating or installing a different tree species to allow more sunlight exposure into this area *Urban agriculture*

- planters are provided at the fifth floor level of the northeastern building. This south facing raised area will benefit from sunlight exposure.
- The proposed play equipment for the children's play area may not provide adequate play opportunities for different age groups of children considering the size of the project; consider adding another separate location for the children's play area, which would also manage the noise and occupancy of each play area Design improved. Children's play area redesigned to include greater concentration of play elements for multiple age groups as well as an adjacent area of flexible use lawn space with seating opportunities for passive observation included adjacent.
- The rendering on the courtyard on the parkade roof on page 18 of the package would look more inviting if it included the landscape *Noted*.
- The loading bay adjacent to the parking ramp is exposed; consider installing a green buffer to screen the loading bay Design improved with landscape screening along south edge of loading area and fencing along east and south edges.
- Consider installing planters on the hardscape along the perimeter of the outdoor amenity space on the rooftop deck at the 5th floor level of the middle building to soften the perimeter Considered. This area is required for urban agriculture.
- Consider installing a hedge or taller planting on the sidewalk level to mitigate the hardscape feel of the retaining wall planters *Incorporated*.
- The project is well thought out *Noted.*
- The Pinus ponderosa trees proposed to be planted in the courtyard on the parkade roof between Building A and Building B will grow into large trees; consider species and ensure adequate soil volume for the planters Design improved with deciduous species with lighter canopies to maximize daylight gain to podium level internal patios.
- Ensure that the proposed urban agriculture on the 5th floor rooftop deck should be accessible to people using walkers and in wheelchairs and should be provided full irrigation Accessible planters at 0.45 m height are provided with irrigation.
- The proposed urban agriculture on the main level will be in shade; consider moving some of the urban agriculture up to the open lawn area or the raised amenity area and utilize the side areas as gathering places *Addressed above*.
- The proposed play feature appears blocky and sparse with a large safety zone around it; consider an alternate play feature that has more of a flow through *Addressed above*.
- Appreciate the provision of green and permeable spaces in the proposed development; however, the applicant is encouraged to further enhance the project's stormwater management through installing blue/green roofs on Buildings A, B and C *Addressed above*.
- Appreciate the applicant's presentation and package provided to the Panel *Noted*.
- Support the Panel comment to provide more architectural interest to the building corner at the key intersection of Westminster Highway and Azure Boulevard *Addressed above*.
- The length of the massing along Azure Road is long; consider further articulation to the entry area to help provide greater differentiation along the long façade *Design improved*, elevation broken down with massing articulation, materials and colour.
- There is a significant grade change along Azure Road and Westminster Highway; investigate further opportunities for planting to screen and soften the exposed concrete retaining walls; review the proposed planting materials to increase the height and density of planting; further treatment to the concrete retaining walls would generate pedestrian interest **Design** improved. Multiple levels of planters provided at streetscape to soften the building base,

planted with larger shrub planting at wall faces and soil sloped at maximum 1:2.5 to provide additional screening.

- The western edge of the site is challenging from a CPTED perspective; also look at the relationship of this edge with the adjacent blank parkade wall; investigate opportunities to soften the blank wall appearance *Addressed above*.
- The lobby entries and the area adjacent to the stair access to the courtyard are congested with bicycle parking; consider distributing bicycle parking around the subject site *Incorporated*.
- Clarify the intent of the exercise patio space in the central courtyard as there are differences in the renderings and landscape drawings; also consider installing additional planting in the space to soften the transition to the adjacent pathway Exercise patio is located at upper slab area with direct connection to east and west courtyard spaces. Stepped access and landscaped planters provide increased separation from circulation pathway to south.
- The connection of the amenity space to the public realm is tenuous due to its location on the corner; consider swapping it with the unit to the south to create more direct access; investigate opportunities to configure the relationship of the amenity space to the courtyard through the patio zone in a more inviting way that does not look like one of the other private patios *Considered. Indoor amenity space is centrally located in the development.*
- In general, the architectural expression is reasonable; clarify if the hardie panel is meant to be provided with metal trims or shadow gap *Metal trims will be provided*.
- Support the proposed colour palette *Noted*.
- Consider introducing architectural treatment around the parkade walls to provide pedestrian interest Considered. Pedestrian interest provided with planting in multiple levels of planters.
- Look at the CPTED issue under the staircase at Azure Boulevard; consider integrating with the podium mass to help resolve the covered space under the staircase *Incorporated*.
- The garbage area is exposed; consider screening the area with architectural and landscape elements to mitigate its visibility *Addressed above*.
- Appreciate that all residential units are Basic Universal Housing (BUH) units *Noted*.
- Note that BCBC accessibility requirements have been changed; review the accessibility features in the project, e.g. size of turning radius *Noted*.
- Pedestrian pathways from the elevator to the central courtyard are sometimes circuitous for
  people in wheelchairs; investigate opportunities for providing more direct routes to
  encourage residents to use the central courtyard for recreational and social gathering space –
  Sloped access provided to all areas of amenity courtyard including raised lawn space to
  eastern courtyard.

#### **Panel Decision**

It was moved and seconded

That DP 23-023854 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** 



## **Development Permit**

No. DP 23-023854

To the Holder:

HNPA Architecture & Planning Inc.

2983 41st Avenue

Vancouver, BC V6N 3C8

Property Address:

6071 Azure Road

Address:

Jun Nan

c/o HNPA Architecture & Planning Inc.

2983 41st Avenue

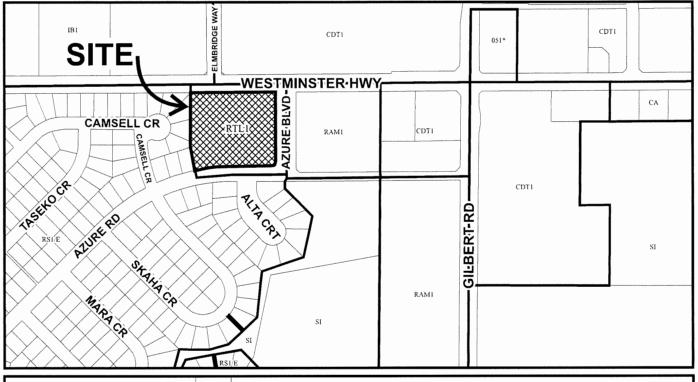
Vancouver, BC V6N 3C8

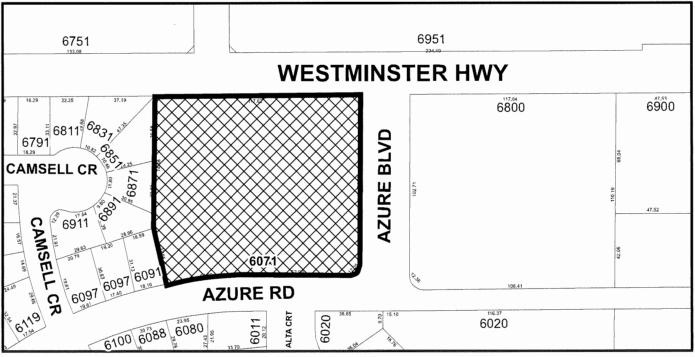
- 1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.
- 2. This Development Permit applies to and only to those lands shown cross-hatched on the attached Schedule "A" and any and all buildings, structures and other development thereon.
- 3. The "Richmond Zoning Bylaw 8500" is hereby varied to:
  - a) Reduce the minimum setback from Westminster Highway from 4.5 m to 4.35 m behind the bus stop and 4.14 m at the Westminster Highway and Azure Boulevard corner cut; and
  - b) Reduce the minimum manoeuvring aisle width from 6.7 m to 6.1 m.
- 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 #40 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 \$1,328,911.65. 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 23-023854

2983 41st Aven Vancouver, BC	
6071 Azure Roa	ad
Jun Nan c/o HNPA Archi 2983 41st Aven Vancouver, BC	
sions of this Permit arorm a part hereof.	ped generally in accordance with the terms and and plans and specifications attached to this
LUTION NO.	ISSUED BY THE COUNCIL THE
DAY OF	,
	2983 41st Aven Vancouver, BC 6071 Azure Roa Jun Nan c/o HNPA Archi 2983 41st Aven Vancouver, BC  derein shall be develop sions of this Permit arcorm a part hereof. Building Permit.  LUTION NO.









DP 23-023854 SCHEDULE "A"

Original Date: 08/24/23

Revision Date:

Note: Dimensions are in METRES

# HNPA

RICHMOND APARTMENT

DP 23-023854 May 22, 2024 DP Plan # 1

6071 AZURE ROAD

## **TABLE OF CONTENTS**

RICHMOND APARTMENT

# **6071 AZURE ROAD**

## **DEVELOPMENT PERMIT APPLICATION**

#### PROJECT SITE INFORMATION

#### CIVIC ADDRESS

6071 AZURE ROAD, RICHMOND, BC, V7C 2P3

#### LEGAL DESCRIPTION

LOT 592 SEC 7 BLK 4N RG 6W PL NWP25611 LOT 592, BLOCK 4N, PLAN NWP25611, SECTION 7, RANGE 6W, NEW WESTMINSTER LAND DISTRICT

- 100% rental development, 50 LEMR units, 110 Moderate Income
- Variance to Westminster Highway setbacks Min. 4.35 m setback
- Variance Min. 6.1 m manouevring aisle width in parkade
- 2 car-share parking spaces

West Side-yard outdoor open space:

- Off-site works via separate Servicing Agreement

1 (10)	OTTO THE THE
Sheet Number	Sheet Title
A1.0	COVER SHEET
A1.1	STATISTICS-OVERALL&PARKING
A1.2	STATISTICS BUILDING A
A1.3	STATISTICS BUILIDNG B
A1.4	STATISTICS BUILDING C
A1.5	EXISTING PLAN
PH-00	PHASING- STATISTIC
PH-01	PHASING PLAN-SITE PLAN
A2.0	SITE PLAN
A2.1	PARKADE FLOOR PLAN
A2.2	MAIN PLAZA FLOOR PLAN
A2.3	2ND FLOOR PLAN
A2.4	3RD FLOOR PLAN
A2.5	4TH FLOOR PLAN
A2.6	5TH FLOOR PLAN
A2.7	6TH FLOOR PLAN
A2.8	ROOF FLOOR PLAN
A2.9	ACCESSIBILITY PATHWAYS
A3.0A	MATERIAL BOARD
A3.0	NORTH-SOUTH ELEVATIONS
A3.1	EAST-WEST ELEVATIONS
A3.2	SITE SECTION 1
A3.3	SITE SECTION 2
A5.0	PARKADE AREA OVERLAY
A5.1	FIRST FLOOR AREA OVERLAY
A5.2	SECOND FLOOR AREA OVERLAY
A5.3	THIRD FLOOR AREA OVERLAY
A5.4	FOURTH FLOOR AREA OVERLAY
A5.5	FIFTH FLOOR AREA OVERLAY
A5.6	SIXTH FLOOR AREA OVERLAY
BUILDI	NG A
Sheet Number	
	1ST&2ND FLOOR PLAN BLDG A
	3RD&4TH FLOOR PLAN BLDG A
. 1 /14	S.I.S.C. J. II FEOOR FEW DEDO A

ROOF FLOOR PLAN BLDG A A-A3ELEVATIONS BLDG A A-A4 A-A5 SECTIONS BLDG A

## BUILIDNG B

### Sheet Number Sheet Title

A-B1	1ST FLOOR PLAN BLDG B
A-B2	2ND FLOOR PLAN BLDG B
A-B3	3RD FLOOR PLAN BLDG B
A-B4	4TH FLOOR PLAN BLDG B
A-B5	5TH FLOOR PLAN BLDG B
A-B6	6TH FLOOR PLAN BLDG B
A-B7	ROOF FLOOR PLAN BLDG B
A-B8	NORTH-SOUTH ELEVATION BLDG
A-B9	EAST-WEST ELEVATION BLDG B
A-B10	SECTIONS 1,2 BLDG B
A-B11	SECTIONS 3,4 BLDG B
A-812	SECTION 5,6 BLDG B

A-C1	1ST	80	2ND	FLOOR	PLAN	BLDG	C
-C2	3RD	&	4TH	FLOOR	PLAN	BLDG	С
0.7	000						

ROOF FLOOR PLAN BLDG C ELEVATIONS

A-B1	1ST FLOOR PLAN BLDG B
A-B2	2ND FLOOR PLAN BLDG B
A-B3	3RD FLOOR PLAN BLDG B
A-B4	4TH FLOOR PLAN BLDG B
A-B5	5TH FLOOR PLAN BLDG B
A-B6	6TH FLOOR PLAN BLDG B
A-B7	ROOF FLOOR PLAN BLDG B
A-B8	NORTH-SOUTH ELEVATION BLDG
A-B9	EAST-WEST ELEVATION BLDG B
A-B10	SECTIONS 1,2 BLDG B
A-B11	SECTIONS 3,4 BLDG B

## BUILIDNG C

	000						
-C1	1ST	&	2ND	FLOOR	PLAN	BLDG	(



# COVER SHEET

A1.0

BEFORE DEDICATION: 12,005 SQ.M ( 129,221 SQ.FT.) AFTER DEDICATION: 11,606 SQ.M (124,933 SQ.FT) Rental units, 170 Market Rental units - All units to comply with Zoning Bylaw BUH features

- All units to feature aging-in-place features (lever type plumbing and door handles, solid wall blocking for future grab bar installation at all toilets, showers and bath tubs.

behind bus stop and Min. 4.14 m at corner cut

- Automatic irrigation system for all planted areas

- No large vehicle parking in parkade (e.g. large pick up trucks)

510 sq.m. - Proposed

Required

Required

360 sq.m

## PROJECT UNITS

Proposed FAR:

Building A 56 Units Building B 177 Units 97 Units Building C

#### INDOOR AMENITY 2.00 Sq.m per unit

300 sa.m. Rea'd **OUTDOOR AMENITY** 5.95 Sq.m per unit 1,980 sq.m. Req'd 3,565 sq.m. - Proposed

#### PARKING

Total Required 272 Car stalls Total Provided 275 Car stalls

#### LOADING

1 Loading stall Total Required 2 Loading stalls Total Provided

### **BIKE STALLS**

Total Required 660 class 1 bikes 66 class 2 bikes Total Provided 67 class 2 bikes

#### **SETBACKS** Front Yard - North PL: at Westminter highway

Side Yard - East PL : at Azure Blvd Side Yard - West PL ; at Neighbour Rear Yard - South PL; at Azure Rd

#### SETBACKS VARIANCES 1- Front Yard - North PL : at Westminter highway

(AT NORTH-EAST CORNER)

2- Front Yard - North PL : at Westminter highway 14.76 FT (4.50 m) to new PL

14,76 FT (4,50 m) to new PL

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14.76 FT (4.50 m) to PL

14.76 FT (4.50 m) to PL

14.76 FT (4.50 m) to PL

13.58 FT (4.14 m)

14.27 FT (4.35 m)

Proposed

15 FT (4.57 m)

15 FT (4.57 m)

23 FT (7.01 m)

15 FT (4.57 m)

Proposed

SECTIONS BUILDING C

## **STATISTICS: Summary - Overall & Parking** Richmond Project- Multi family Residential Development



FAR		
AREA CALCULATIONS		
GROSS SITE AREA	12,005 m2 (129,221 SQ.FT.)	
DEDICATION		
NET SITE AREA	11,606 m2(124,933 SQ.FT)	
FAR	2.1	
SITE COVERAGE	48.97%	
AVERAGE FINISHED GRADE	1.22M	

	LEN	18	н	ILS	Market Re	ental	TOTAL	
Total Unit	50		110		170		330	
STUDIO	0	0%	24	22%	19	11%	43	
1 BEDROOM	4	8%	62	56%	69	41%	135	
2 BEDROOM	14	28%	20	18%	49	29%	83	
3 BEDROOM	29	58%	4	4%	33	19%	66	
4 BEDROOM	3	6%	0		0		3	
BUH Unit	50	100%	110	100%	170	100%	_	

	Total Floor	
Rental Type	Area ( SQ.M.)	FAR
LEMR Units	4,487	0.39
HILS Units	5,946	0.51
Market Rental	11,034	0.95
Common Area	2,906	0.25

RICHMOND APARTMENT 6071 AZURE ROAD RICHMOND, BC.

DP 23-023854

May 22, 2024 DP Plan # 2

BUILDII	NG ARE	A CALC	ULATIC	N																				
LEVEL				BUILDIN	G A (SQ.M.	)						BUILDING	B (SQ.M.)							BUILDING	c (sq.m.)			
	LEMR	HILS	Market	Common						HILS	Market	Common						HILS	Market	Common				
	Units	Units	Rental	Area			Area	Area	LEMR	Units	Rental	Area		Amenity	Area	Area	LEMR	Units	Rental	Area		Amenity	Area	Area
	Floor	Floor	Floor	Floor		Amenity	Included	Excluded	Floor	Floor	Floor	Floor		Floor	Included	Excluded	Floor	Floor	Floor	Floor		Floor	Included	Excluded
	Area	Area	Area	Area	Subtotal	Floor Area	From FSR	From FSR	Area	Area	Area	Area	Subtotal	Area	From FSR	From FSR	Area	Area	Area	Area	Subtotal	Area	From FSR	From FSR
PARKING						7			_					7		_						10		_
LEVEL 1	1,091	0	0	250	1,341	70		75	0	156	1,312	478	1,946	348		104	1,924	0	0	293	2,217	68		72
LEVEL 2	823	366	74	119	1,382		_	46		1,196	831	236	2,263		_	94	169	0	758	154	1,080	_	_	49
LEVEL 3	479	582	201	119	1,382	_	_	46		814	1,213	236	2,263	_	_	94	0	0	1,594	154	1,748	_	_	49
LEVEL 4	_	530	733	119	1,382	_	_	46	_	814	1,213	236	2,263	_		94		0	1,594	154	1,748	_		49
LEVEL 5	-								_	767	738	178	1,683		_	72								
LEVEL 6	v									721	773	179	1,673			76								
Total	2,394	1,479	1,008	608	5,489	77		213	0	4,467	6,081	1,543	12,091	355		536	2,093	0	3,946	755	6,794	78		219

<b>AMENITY SPACE CA</b>	LCULATIONS		
		AREA REQUIRED (Sq.m)	AREA PROVIDED (Sq.m.)
INDOOR	21.5 sq.ft per Unit (2.0 sq.m per Unit)	300	510
OUTDOOR	5.95 sm/64 sq.ft per Unit	1,980	Total: 3,565 sq.m
			(1st floor: 3015sq.m + 5th Floor: 550 sq.m)

	BYLAWS	TOTAL UNIT	PARKING REQUIRED	PARKING PROVIDED	NOTE
MARKET RENTAL	0.72 PER UNIT	170	123		
HILS UNITS	0.6 PER UNIT	110	66	222	
LEMR UNITS	0.6 PER UNIT	SO SO	30		
VISITOR	0.16 PER UNIT	330	53	53	
TOTAL			272	275	
		· · · · · · · · · · · · · · · · · · ·		6 HC PARKING	( 2% ACESSIBLE STALLS)
				137 SMALL CAR	(49.81% SMALI CAR STALLS)

<b>BICYCLE PARKI</b>	NG PROVISION			
	BYLAWS	TOTAL UNIT	PARKING REQUIRED	TOTAL PROVIDED
CLASS 1	2 PER UNIT	330	660	660 (219 VERTICAL= 33.2%
CLASS2	0.2 PER UNIT	330	66	67

LOADING PROVISION	ON
REQUIRED	1
PROVIDED	2

SIZE			1659 sq.f (154 sq.m)		
LOCATION	ION PARKADE LEVEEL-AT G			EEL-AT GRADE	
ACCESS INFORMATION			OPEN TO RES	SIDENTS 24/7	
NUMBER OF UNITS			3:	30	
WASTE SERVICES PROVIDED	STORAGE ARE REQUIRED FOR ONE	NUMBER OF BINS	TOTAL SPAC	E REQUIRED	
RESIDENTIAL MIXED CONTAINERS	1.26m2	14	17.64m2	189.88ft2	
RESIDENTIAL REFUNDABLE BEVERAGE CONTAINERS	0.97m2	7	6.79m2	73.09ft2	
RESIDENTIAL MIXED PAPER	1.26m2	10	12.60m2	135.63ft2	
RESIDENTIAL GLASS	0.97m2	2	1.94m2	20.88ft2	
RESIDENTIAL FOOD SCRAPS, AND YARD TRIMMINGS	0.97m2	13	12.61m2	135.73ft2	
RESIDENTIAL CORRUGATED CARDBOARD	7.67m2	1	7.67m2	82.56ft2	
RESIDENTIAL GARBAGE	7.67m2	7	53.69m2	577.91ft2	
TOTAL			112.94m2	1215.67ft2	

RESIDENTIAL	RESIDENTIAL UNIT CALCULATION				
	BUILDING A	BUILDING B	BUILDING C		
LEVEL					
PARKING	_	_	_		
LEVEL 1	11	17	22		
LEVEL 2	15	34	17		
LEVEL 3	15	34	29		
LEVEL 4	15	34	29		
LEVEL 5	-	29	-		
LEVEL 6	-	29			
SUBTOTAL	56	177	97		
NET TOTAL		330			

## **UNIT COUNT**

	Studio	1BR	2BR	3BR	48R	Total
Level 1	0	1	3	4	3	
Level 2	-0	1	7	7	0	
Level 3	0	1	7	7	0	:
Level 4	0	1	7	7	0	:
Total	0	4	24	25	3	
Percentage	0%	7%	43%	45%	5%	100

## **UNIT COUNT**

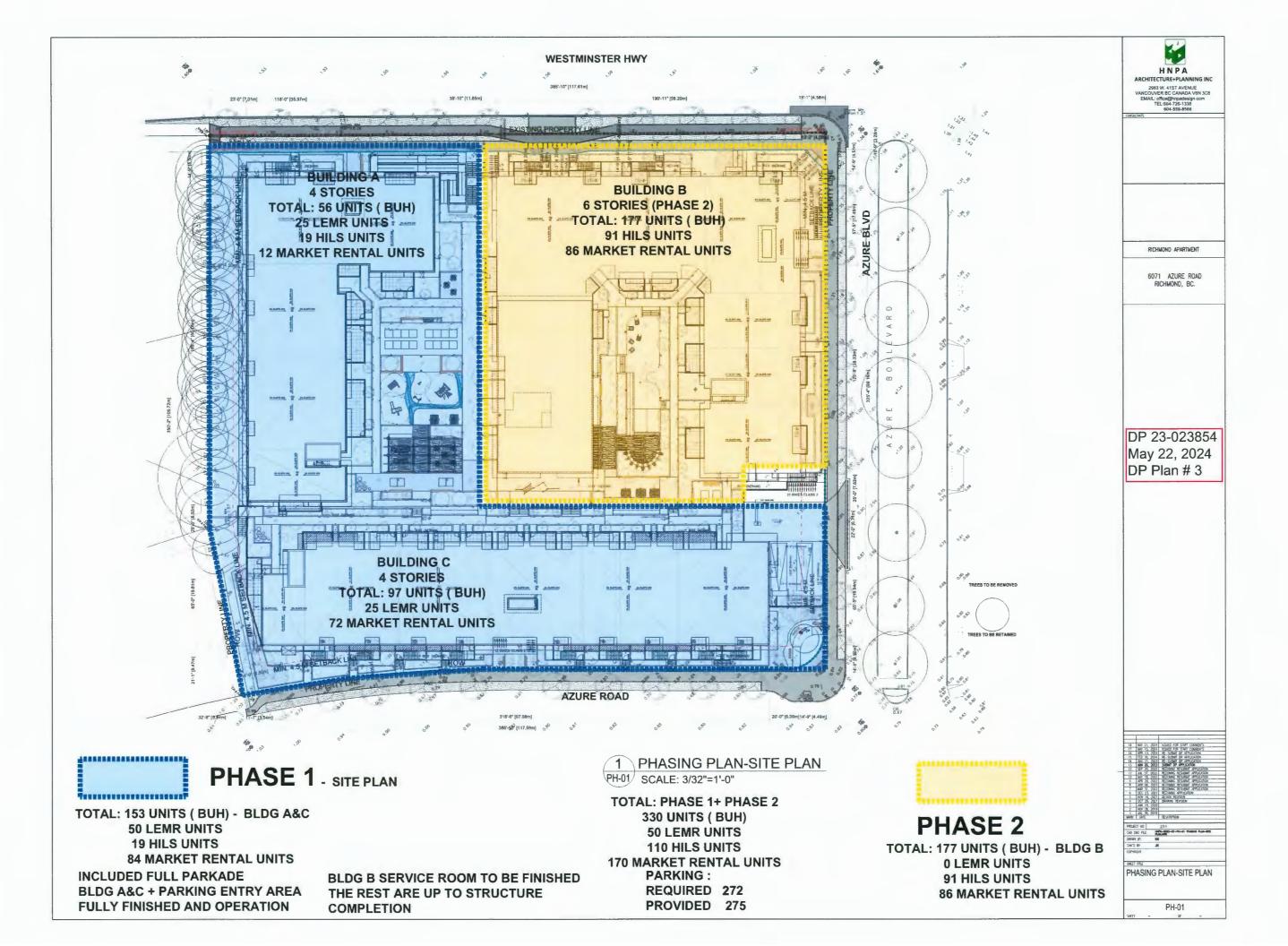
	Studio	1BR	2BR	3BR	4BR	Total
Level 1	0	3	0	14	0	17
Level 2	4	15	12	3	0	34
Level 3	4	15	12	3	0	34
Level 4	4	15	12	3	0	34
Level 5	8	16	3	2	0	29
Level 6	8	16	3	2	0	29
Total	28	80	42	27	0	177
Percentage	16%	45%	24%	15%	0%	100%

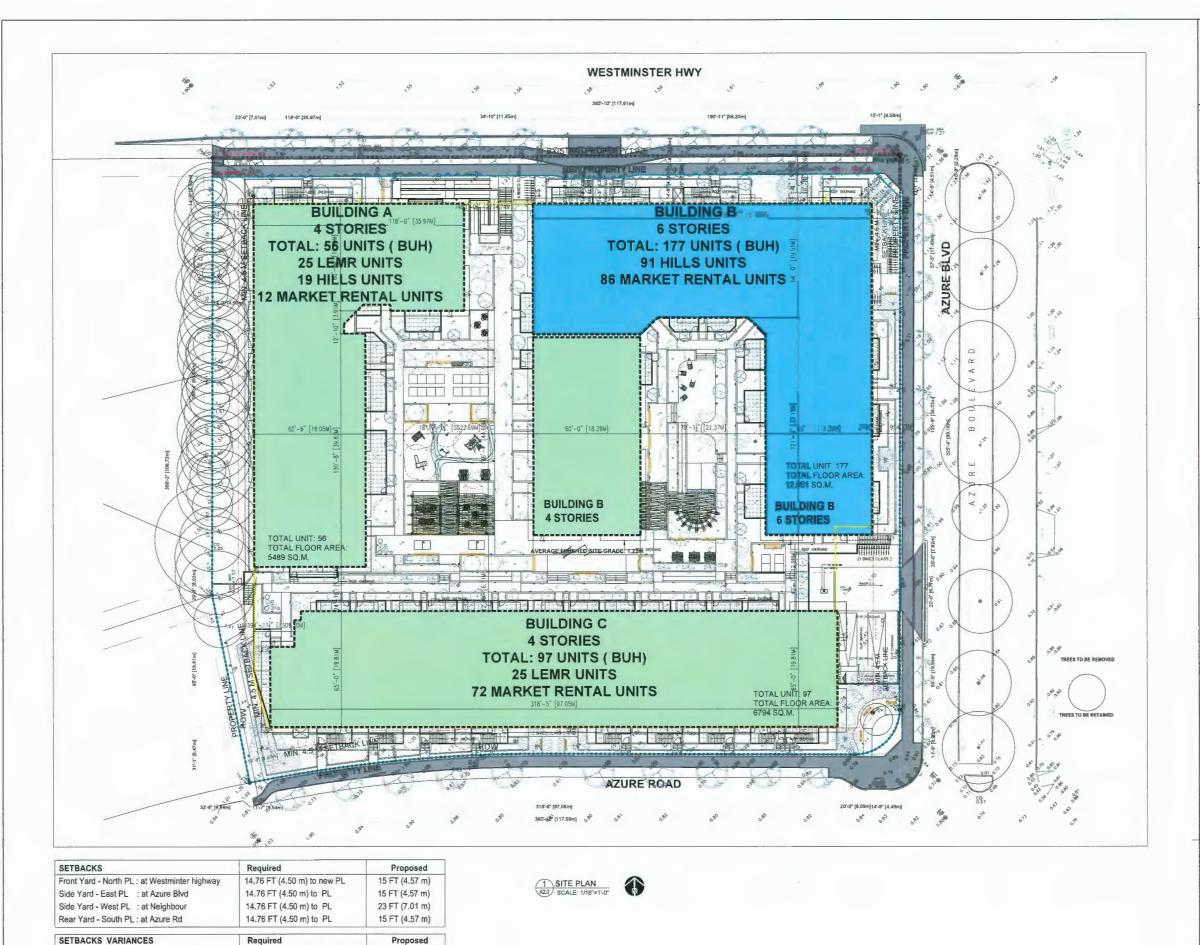
BUILDING C-	LEMR +MAR	KET HENTAL				
	Studio	1BR	2BR	3BR	4BR	Total
Level 1	0	0	9	13	0	22
Level 2	5	9	2	1	0	17
Level 3	5	21	2	1	0	29
Level 4	5	21	2	1	0	29
Total	15	51	15	16	0	97
Percentage	15%	53%	15%	16%	0%	100%

-		
19	MAY 23, 2024	RESULD FOR STAFF COMMENTS
18	MAY 21, 2024	ISSUED FOR STAFF COMMENTS
17	MAY 15, 2024	ISSUED FOR STAFF COMMENTS
16	APR 13, 2024	RE-SUBMIT OF APPLICATION
15	FEB 06, 2024	
14	AUG 21, 2023	
13	JUN 26, 2023	SUBMIT OF APPLICATION
12	SEP 20, 2022	REZOMING RESUBBIT APPLICATION
11	JUL 07, 2022	REZONING RESUBBIT APPLICATION
10	MAY 18, 2022	REZONING RESUBINT APPLICATION
3	APR 28, 2022	REZONING RESUBINT APPLICATION
8	APR 05, 2022	REZONING RESUBINIT APPLICATION
7	MAR 31, 2022	REZONING RESUBMIT APPLICATION
6	DEC 23, 2021	REZONING APPLICATION
5	HOV 16, 2021	DESIGN REVISION
4	DCT 26, 2021	DRAWING REVISION
3	JUN 19, 2020	
2	NOV 28, 2019	

STATISTICS-OVERALL&PARKIN

A1.1





1- Front Yard - North PL : at Westminter highway

2- Front Yard - North PL: at Westminter highway

(BEHIND BUS STOP)

(AT NORTH-EAST CORNER)

14.76 FT (4.50 m) to new PL

14.76 FT (4.50 m) to new PL

14.27 FT (4.35 m)

13.58 FT (4.14 m)



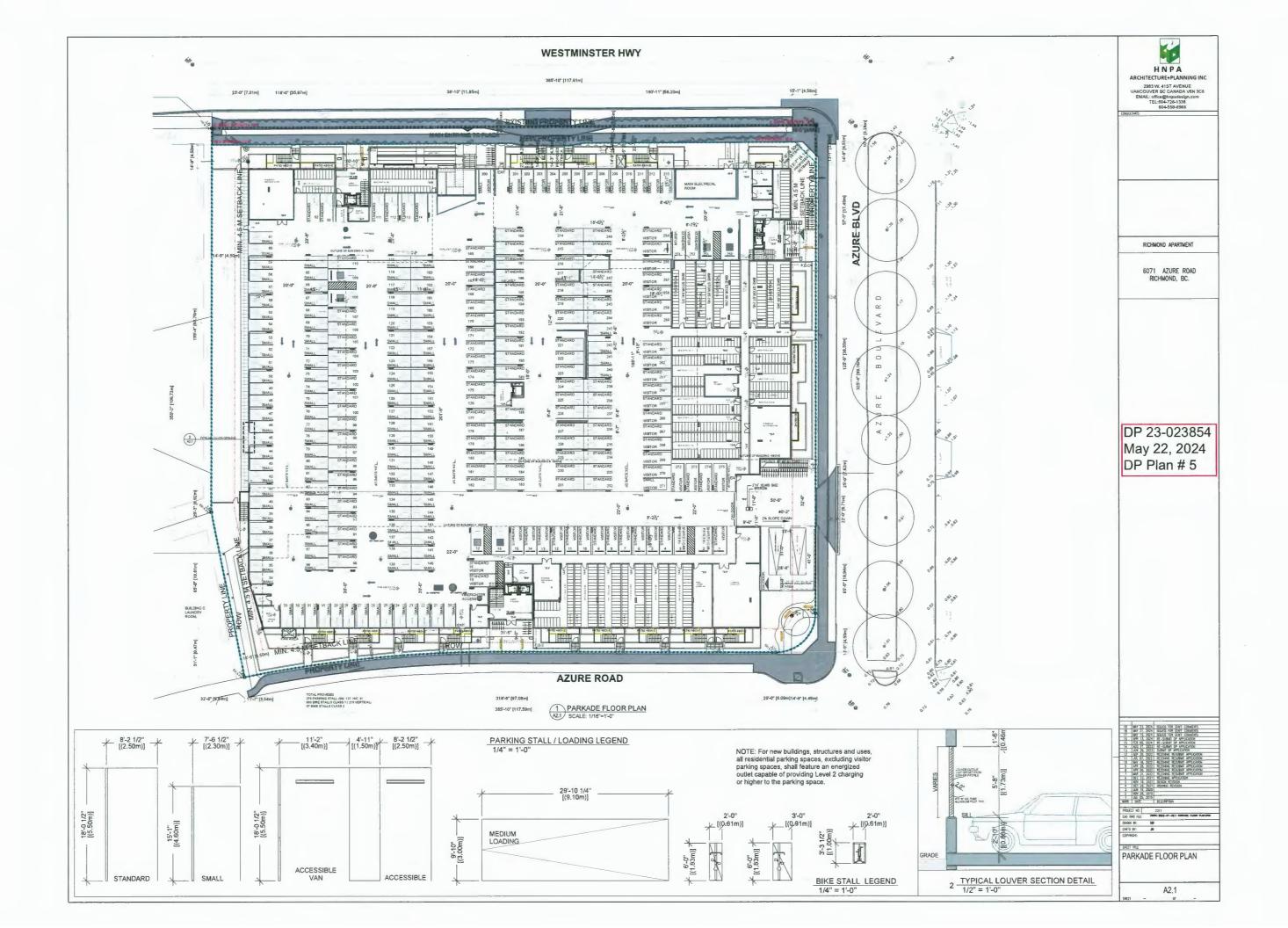
RICHMOND APARTMENT

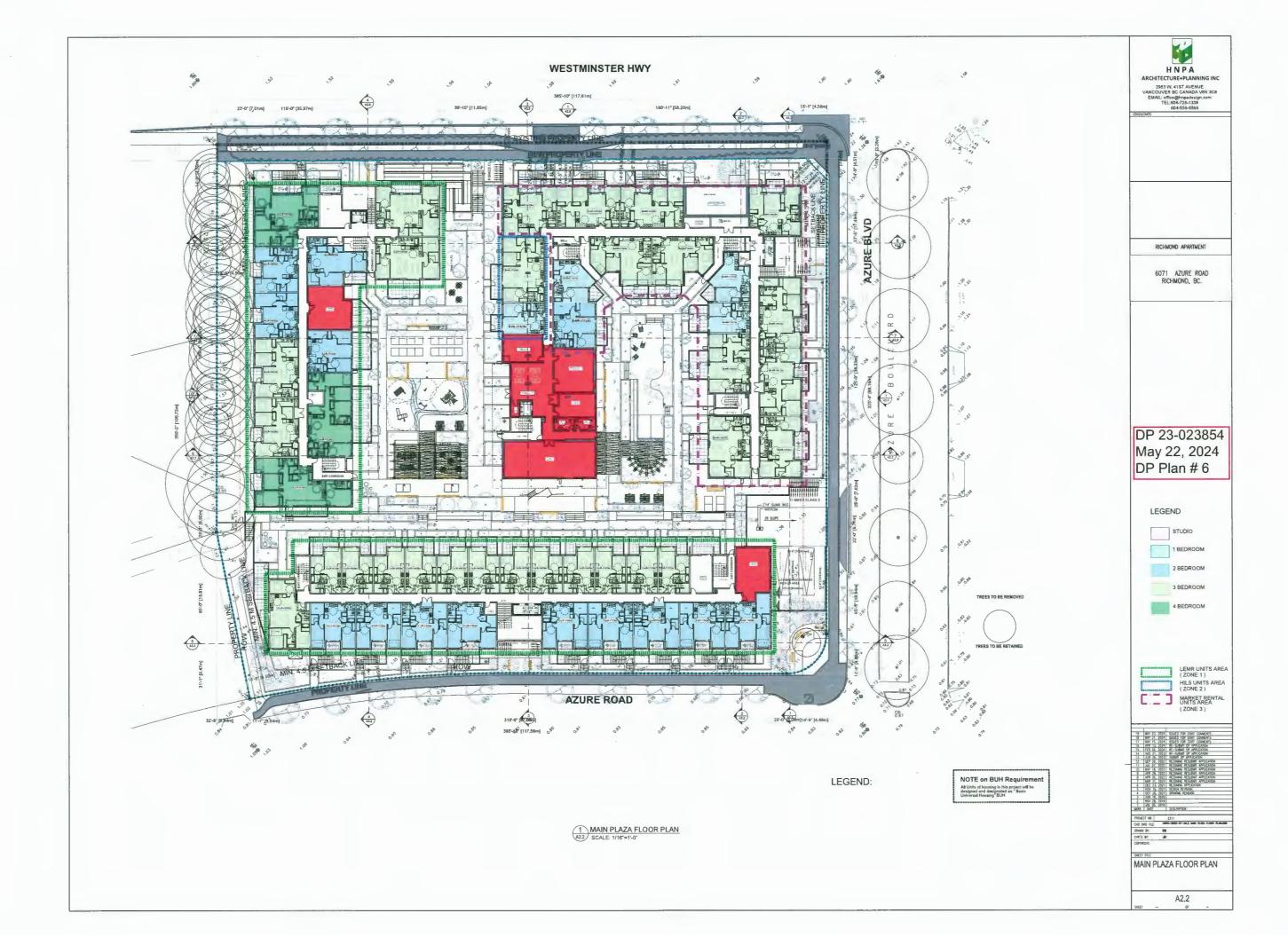
6071 AZURE ROAD RICHMOND, BC.

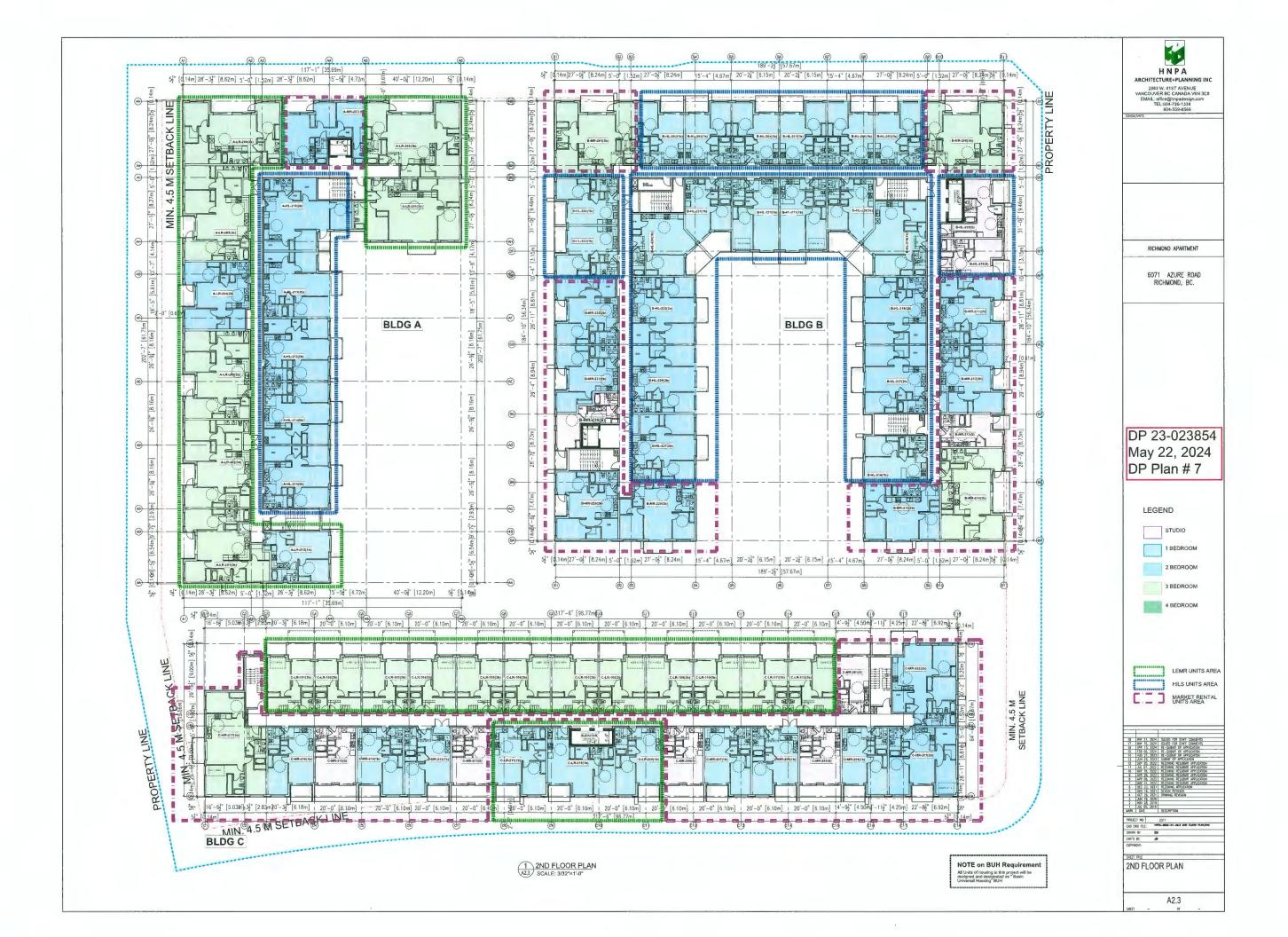
DP 23-023854 May 22, 2024 DP Plan # 4

SITE PLAN

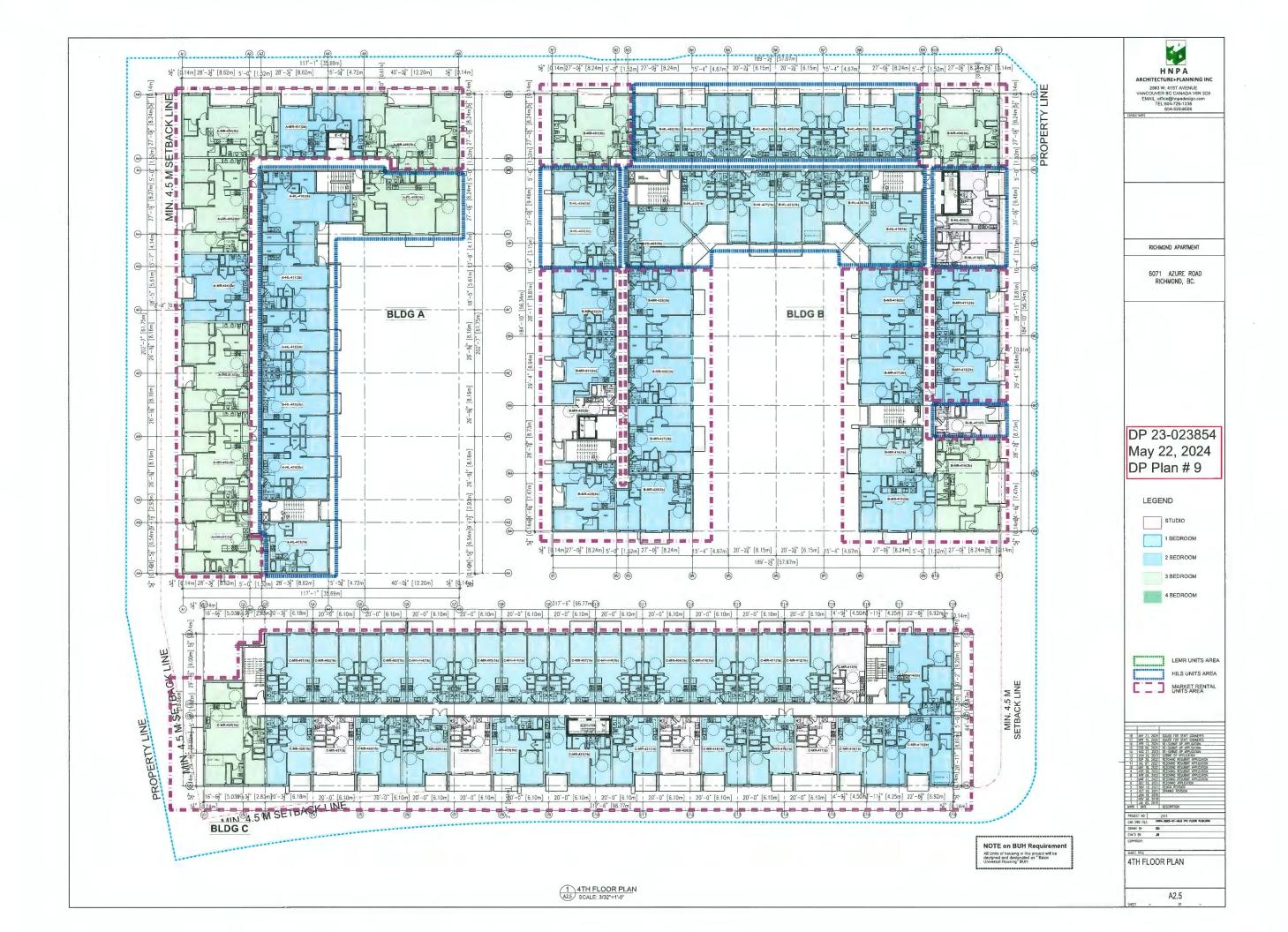
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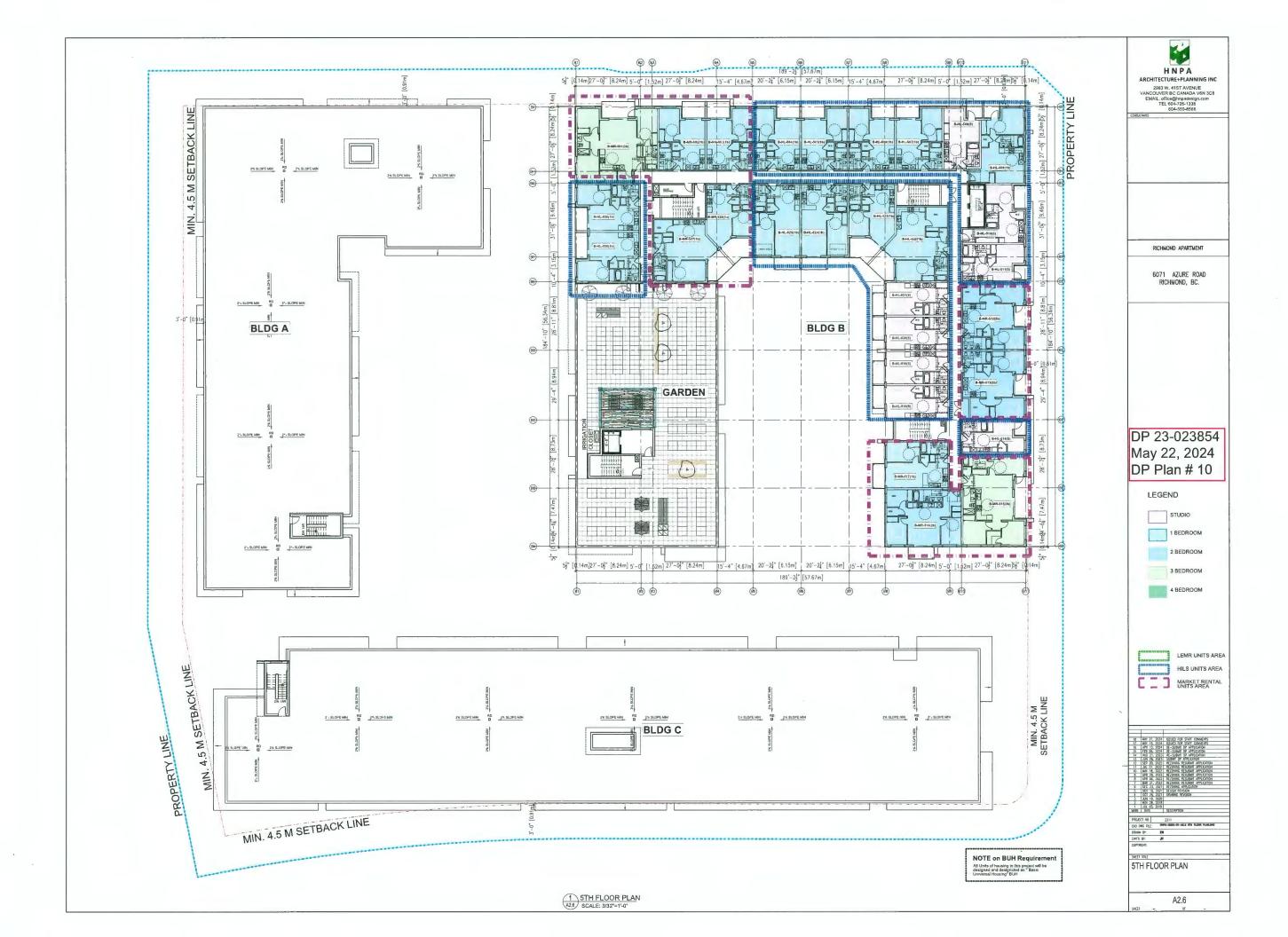


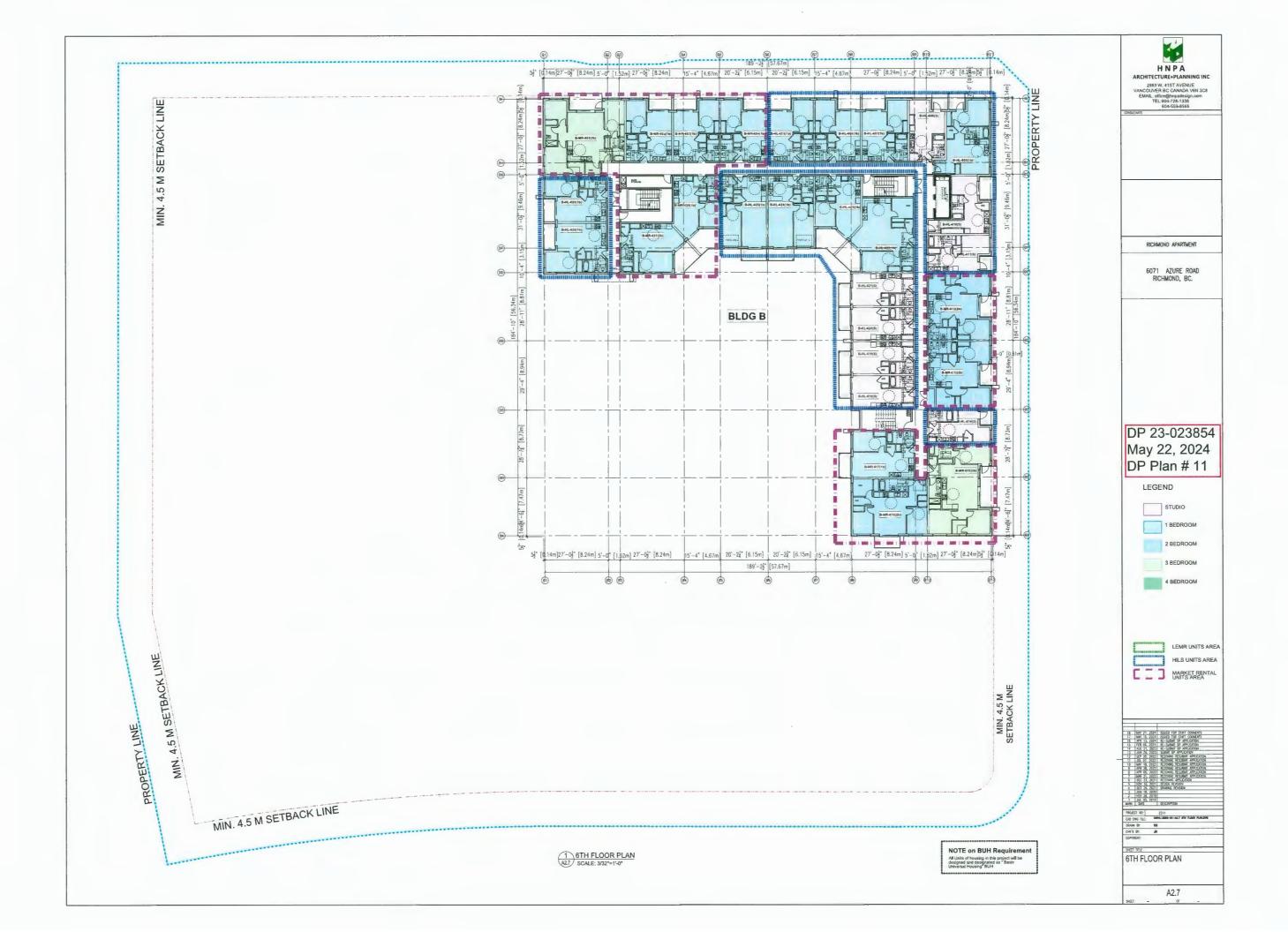


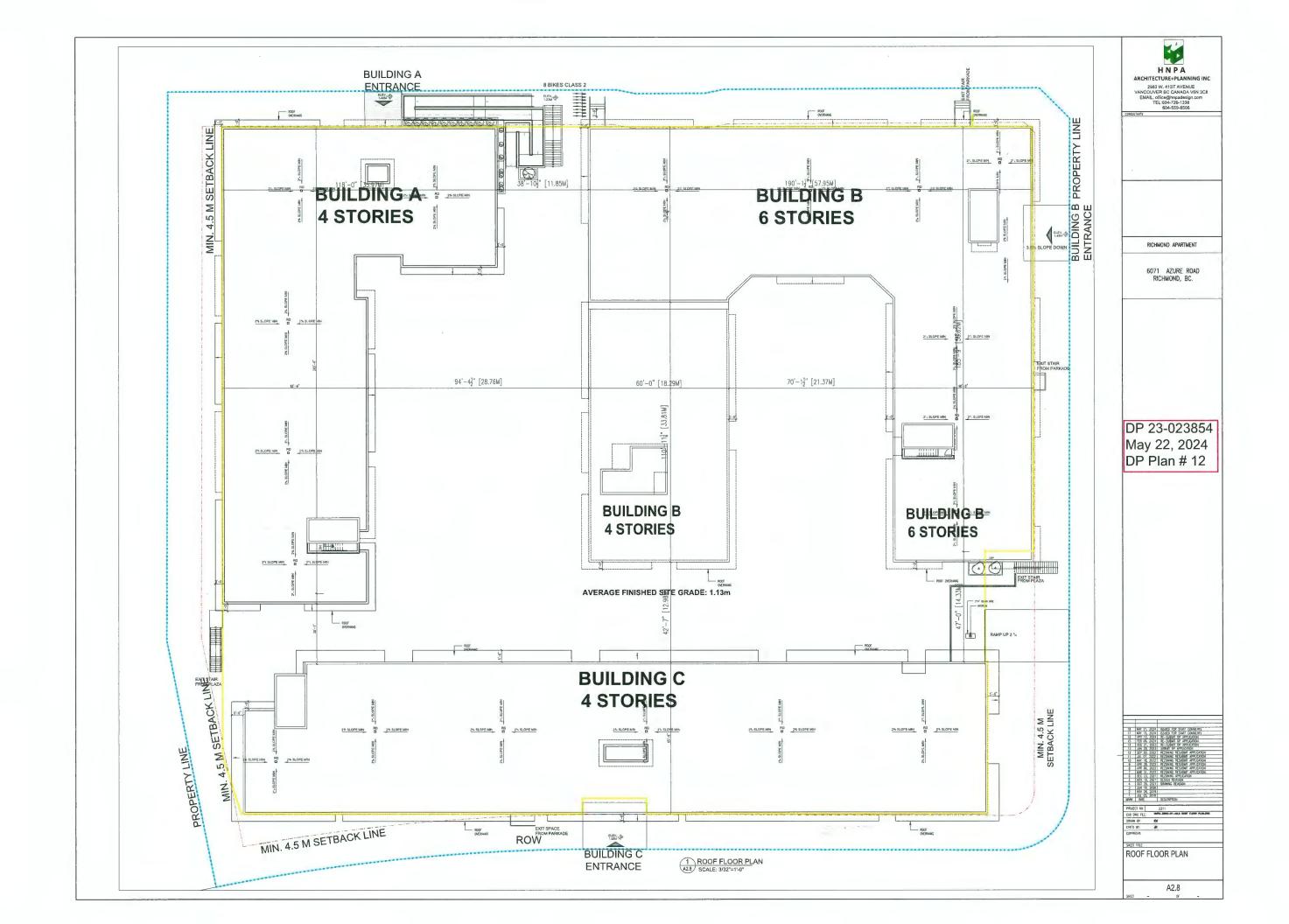


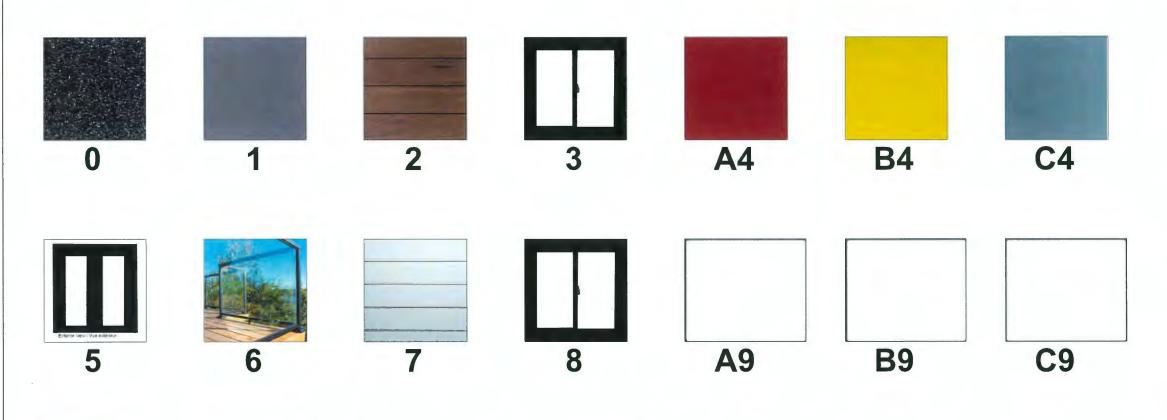












13

14

# MATERIAL LEGEND

**B11** 

## **MATERIALITY**

10

The buildiing materials are made up of a neutral colour palette including metal paneling, different colours of cementitiouspanels, glass and wood. Both interior and exterior materials will comprise of durable materials sourced locally where possible. Low VOC finishes will be specified for the residential suites and all circulation areas.

12

KEY VALUE	SAMPLE	LOCATION	ELEVATION MATERIAL LEGEND	COLOUR
0		ROOFING	2 PLY SBS ROOFING	LIGHT GREY
1		FASCIA & TRIM	METAL FLASHING	DARK GREY
2		PERFORATED SOFFIT	METAL PERFORATED SOFFIT	WOOD GRAINS
3		WINDOW	DOUBLE-GLAZED VINYL WINDOW	BLACK
A4		CLADDING BUILDING A	HARDIE PANEL	DARK-RED
B4		CLADDING BUILDING B	HARDIE PANEL	DARK-YELLOW
C4		CLADDING BUILDING C	HARDIE PANEL	DARK-BLUE
5		DOOR	DOUBLE-GLAZED VINYL DOOR	BLACK
6		METAL GUARD RAIL	METALMATERIALITY	BLACK
7		SIDING & TRIM	EXPOSURE FIBRE CEMENT	NEUTRAL
8		FIT WINDOW	DOUBLE-GLAZED VINYL FIT WINDOW	BLACK
A9		CLADDING BUILDING A	HARDIE PANEL	WHITE
В9		CLADDING BUILDING B	HARDIE PANEL	WHITE
C9		CLADDING BUILDING C	HARDIE PANEL	WHITE
10		WALL SCREEN	HARDIE SIDING	WOOD GRAINS
B11		CLADDING BUILDING B	HARDIE PANEL	DARK- BROWN
12		CONCRETE FOUNDATION WALL	PAINTED ARCHITECTURAL CONCRETE	NATURAL CONCRET
13		GLASS GUARD PANEL	LAMINATED SAFETY GLASS PANEL	CLEAR
14		FASCIA COLUMN	HARDIE PANEL	DARK GREY

**EXTERIOR FINISH** 

DP 23-023854 May 22, 2024 DP Plan # 13	DP 23-023854 May 22, 2024	DP 23-023854 May 22, 2024 DP Plan # 13	BUT 11, 200 SSUO 107 DUT TOMANS.  May 22, 2024  DP Plan # 13  B		APARTMENT
May 22, 2024	May 22, 2024	May 22, 2024 DP Plan # 13	May 22, 2024 DP Plan # 13    B	RICHM	OND, BC.
DP Plan # 13	DP Plan # 13		18 UP 71, 200 ISSUE 70° 30° TOM VIS. 18 UP 71, 200 ISSUE 70° 30° TOM VIS. 18 UP 71, 200 ISSUE 8. SERIE 8. PROJECTO 18 UP 71, 200 ISSUE 8. SERIE 8. PROJECTO 19 UP 70° SERIE 8. SERIE 8. SERIE 8. PROJECTO 10 UP 70° SERIE 8. SERIE 8. SERIE 8. PROJECTO 10 UP 70° SERIE 8. SERIE 8. SERIE 8. PROJECTO 10 UP 70° SERIE 8. SERIE 8. SERIE 8. SERIE 8. PROJECTO 10 UP 70° SERIE 8. SERI	May 22	2, 2024
		15 Wey 21, 2002 SSSED TOP STAFF COUNSE WIS	15   TO 86, 70/21   R. 1,00/21   P. PUPICATION 15   TO 86, 70/21   R. 1,00/21   P. PUPICATION 17   SP 10, 70/21   R. 1,00/21   P. PUPICATION 17   SP 10, 70/21   R. 1,00/21   P. PUPICATION 17   SP 10, 70/21   R. 1,00/21   P. PUPICATION 18   R. 1,00/21   R. 1,00/21   P. PUPICATION 19   SP 18, 70/21   R. 1,00/21   R. 1,00/21   P. PUPICATION 19   SP 18, 70/21   R. 1,00/21   R. 1,00/21   P. PUPICATION 19   SP 18, 70/21   R. 1,00/21   R. 1,00/21   P. PUPICATION 19   SP 18, 70/21   P. PUPICATION 19   SP 18,	DP Pla	n # 13
15   116   65, 201   82, 2001   97 PELADO   15   116   16, 100   18, 2001   97 PELADO   17   187   18, 200   187   97 PELADO   17   187   18, 200   18, 200   18, 200   19, 200   18   187   18, 200   18, 200   18, 200   19, 200   19   187   18, 200   18, 200   18, 200   19, 200   19   188   18, 200   18, 200   18, 200   18, 200   19   188   18, 200   18, 200   18, 200   18, 200   19   188   18, 200   18, 200   18, 200   18, 200   18   18   18, 200   18, 200   18, 200   18   18   18, 200   18, 200   18   18   18, 200   18, 200   18   18   18   18, 200   18   18   18   18, 200   18   18   18   18   18, 200   18   18   18   18   18, 200   18   18   18   18   18   18   18   18	15   119 65, 2014   82, 2014   79 PYICATON  15   119 68, 2014   82, 2014   79 PYICATON  17   507 6, 2022   82, 2014   79 PYICATON  17   507 6, 2022   82, 2014   79 PYICATON  18   508, 2022   82, 2014   79 PYICATON  19   509 6, 2022   82, 2014   79 PYICATON  19   509 6, 2022   82, 2014   79 PYICATON  19   509 18, 2022   82, 2024   79 PYICATON  19   509 18, 2024	CMY'O BY: JN COPYRIGHT: SMEET TITLE			

HNPA
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KEY VALUE	SAMPLE	LOCATION	ELEVATION MATERIAL LEGEND	COLOUR
0		ROOFING	2 PLY SBS ROOFING	LIGHT GREY
1	12	FASCIA & TRIM	METAL FLASHING	DARK GREY
2		PERFORATED SOFFIT	METAL PERFORATED SOFFIT	WOOD GRAINS
3		WINDOW	DOUBLE-GLAZED VINYL WINDOW	BLACK
A4		CLADDING BUILDING A	HARDIE PANEL	DARK-RED
B4		CLADDING BUILDING B	HARDIE PANEL	DARK-YELLOW
C4		CLADDING BUILDING C	HARDIE PANEL	DARK- BLUE
5		DOOR	DOUBLE-GLAZED VINYL DOOR	BLACK
6		METAL GUARD RAIL	METAL	BLACK
7		SIDING & TRIM	EXPOSURE FIBRE CEMENT	NEUTRAL
8		FIT WINDOW	DOUBLE-GLAZED VINYL FIT WINDOW	BLACK
A9		CLADDING BUILDING A	HARDIE PANEL	WHITE
B9		CLADDING BUILDING B	HARDIE PANEL	WHITE
C9		CLADDING BUILDING C	HARDIE PANEL	WHITE
10		WALL SCREEN	HARDIE SIDING	WOOD GRAINS
B11	1	CLADDING BUILDING B	HARDIE PANEL	DARK- BROWN
12		CONCRETE FOUNDATION WALL	PAINTED ARCHITECTURAL CONCRETE	NATURAL CONCRET
13		GLASS GUARD PANEL	LAMINATED SAFETY GLASS PANEL	CLEAR
14		FASCIA COLUMN	HARDIE PANEL	DARK GREY

**EXTERIOR FINISH** 

DP 23-023854 May 22, 2024 DP Plan # 17

H N P A
ARCHITECTURE+PLANNING INC

RICHMOND APARTMENT

6071 AZURE ROAD RICHMOND, BC.

18	MAY 21, 2024	ISSUED FOR STAFF COMMENTS
17	MAY 15, 2024 APR 13, 7024	ISSUED FOR STAFF COMMENTS
16	APR 13, 2024 FEB 06, 2024	RE-SUBUIT OF APPLICATION RE-SUBUIT OF APPLICATION
14	AUG 21, 2023	RE-SURVIN OF APPLICATION
13	MM 95, 2023	SUBMIT OP APPLICATION
12	SEP 20, 2022	REZONNIC RESUBNIT APPLICATION
11	JUL 07, 2022	REZONAG RESUBBIT APPLICATION
10	MAY 18, 2022	REZONNIG RESUBBIT APPLICATION
9	APR 28, 2022	REZONING RESUBUIT APPLICATION
8	APR 06, 2022	REZONING RESUBINT APPLICATION
7	MAR 31, 2022	REZONING RESUBBIT APPLICATION
- 6	DEC 23, 2021	REZONING APPLICATION
5	NOV 16, 2021	DESIGN REVISION
- 4	OCT 26, 2021	DRAWING REVISION
3	JAN 19, 2020	
2	NOV 28, 2019 JUL 05, 7019	
MARK	DATE DATE	DESCRIPTION
Month	and L	SESSION FROM
PROJE	CT NO	2311
CAD D	WG FLE:	P4-3002-01-4-05 HORTH-SOUTH DESCRIPTION DE BLITTO
DRAW		
CHK'D	BY: JM	
COPYR	SICKT-	
	TILE	
SHEET		
-		OUTH ELEVATION
-	)RTH-S(	
NC		
NC		
NC	DG B	
NC		
NC		
NC		
NC	DG B	A-B8



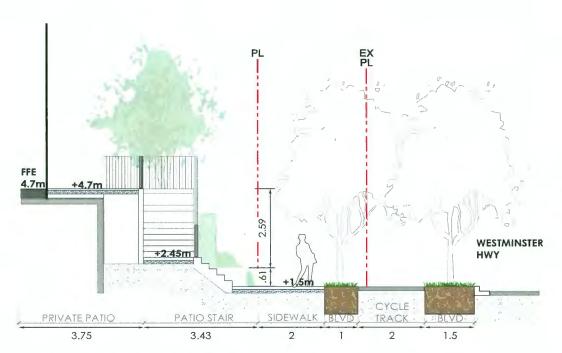
NORTH ELEVATION BLDG B
SCALE: 1/8"=1'-0"





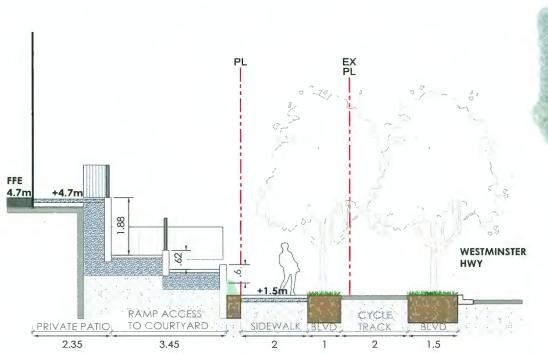






SECTION A: BLDNG A PATIOS/ WESTMINSTER HWY

SCALE 1:50



**AZURE** 

BLVD

1.58

SIDEWALK

1.03

SECTION B: BLDNG A PATIOS/ COURTYARD RAMP ACCESS/ WESTMINSTER HWY SCALE 1:50

FFE 4.7m +4.7m

TERRACED PLANTERS

2.89 2.7

SECTION D: BLDNG B PATIOS/ AZURE BLVD

SCALE 1:50



DP 23-023854 May 22, 2024 DP Plan # 22

Projec

6071 AZURE ROAD RICHMOND, BC

Drawn by:	JW	
Checked by:	PK	
Date:	MAY 2024	
Scale:	NT\$ at 11x17 size	

Drawing Title:

LANDSCAPE SECTIONS

Project No.: **21122** 

Sheet No.:

L3.1

PL EX PL

+2.50m

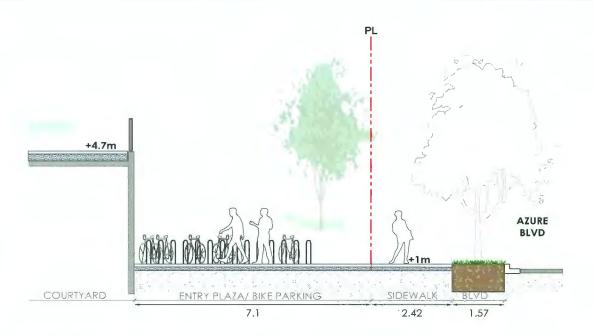
WESTMINSTER HWY

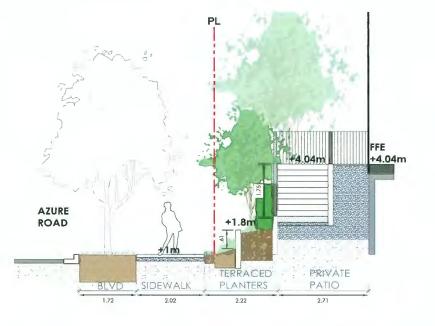
COURTYARD ENTRY PLAZA SIDEWALK BLVD TRACK BLVD

71 4.08 2 1 2 1.5

SECTION C: COURTYARD STAIR ACCESS/ WESTMINSTER HWY

SCALE 1:50



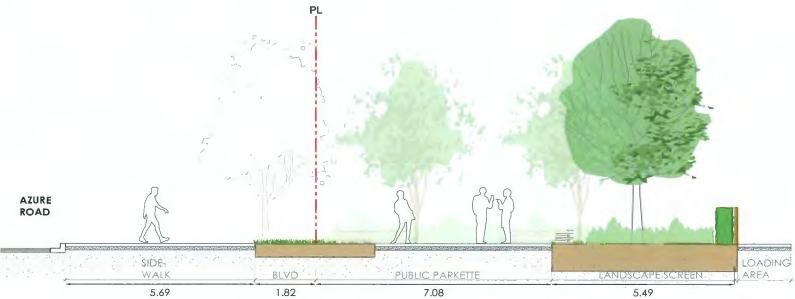


SECTION E: COURTYARD/ VISITOR BIKE PARKING/ AZURE BLVD

SCALE 1:50

SECTION G: AZURE ROAD/ BLDNG C PATIOS SCALE 1:50





SECTION F: AZURE ROAD/ PUBLIC PARKETTE/ LOADING AREA

SCALE 1:50

3 MAY 17-24 ISSUED FOR DP RESPONSE

1 FEB 10-24

2 APR 12-24 ISSUED FOR DP ISSUED FOR DP

DP 23-023854 May 22, 2024 DP Plan # 23

Project:

6071 AZURE ROAD RICHMOND, BC

Drawn by: JW Checked by: PK Scale: NTS at 1 1x17 size

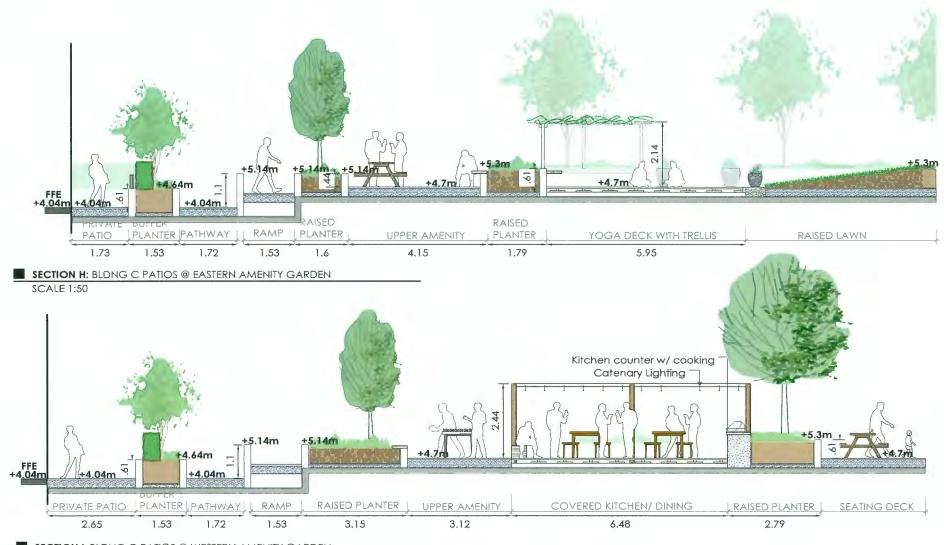
Drawing Title:

LANDSCAPE SECTIONS

21122

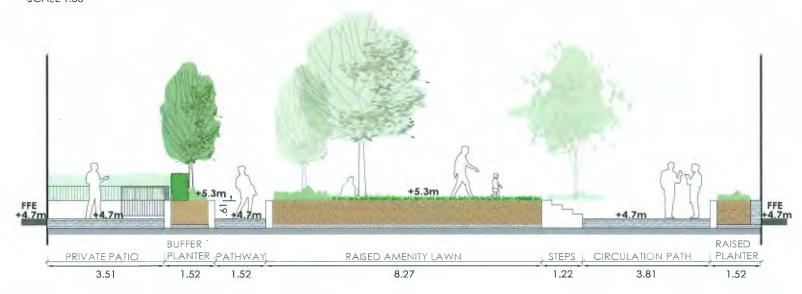
Sheet No.:

L3.2



SECTION I: BLDNG C PATIOS @ WESTERN AMENITY GARDEN

SCALE 1:50



SECTION J: BLDNG B PATIOS @ EASTERN AMENITY GARDEN

SCALE 1:50

3 MAY 17-24 ISSUED FOR DP RESPONSE 2 APR 12-24 ISSUED FOR DP

1 FEB 10-24

ISSUED FOR DP



DP 23-023854 May 22, 2024 DP Plan # 24

6071 AZURE ROAD RICHMOND, BC

Drawn by:	JW
Checked by:	PK
Date:	MAY 2024
Scale:	NTS at 11x17 size

Drawing Title:

# LANDSCAPE SECTIONS

Project No.: 21122

L3.3

#### **PLANT LIST** TREES SYM QTY BOTANICAL NAME COMMON NAME 38 Street trees, final location and species to be determined by the City of Richman 16 Acer ariseum Paperbark Maple 6cm cal. B&B Galaxy Magnalia 5cm cal. B&B 15 Prunus serruiata 'Kwanzan' Kwanzan Flowering Cherry 6cm col. B&B 6cm cal. 8&B Osakakazuki Japanese Maple 13 Ameianchier x orandiflora Serviceberry Acm cal B&B 4 Malus fusca (Level 05 planters Pacific Crabapple 6cm cal. B&B 8 Acer x freemanii 'Autumn Blaz Autumn Blaze Freeman Manie Acm col B&B Scarlet Oak 7cm col. B&B Crimson Sentry Maple 6cm col. B&B Katsura Tree 6cm cal. 8&B 10 Prunus sargentii 'Rancha Rancho Howering Cherry Acm col B&B Panderosa Pine 3m ht B&B 7 Thuia plicata 'fastigiata' Fasticiate Red Cedar 3m ht 8&8 3m ht B&B SHRUBS/FERNS 110 Azalea 'Hino White' 19 Azalea 'Hino Pink' 14 Buxus m. Wintergem Hino White Azalea #2 pot, 18" o.c. Hino Pink Azalea Winter Gern Boxwood Mexican Mock Orange #2 pot, 18" o.c. #2 pot, 15" o.c. Buxus m. Winterge Choisya temata #3 pot, 24" o.c. Comus sericea 'Arctic Fire Arctic Fire Red-Osier Dogwood #2 pot, 30" o.c. Dryopteris erythrosora Autumn Fem #2 pot. 18" o.c. 107 Gaultheria shallon #2 ppt. 15" p.c. Hydrangea serrata 'Blue Bird' Lonicera pileata Mahonia aquifollum #3 pot, 30" o.c. #2 pot, 24" o.c. #3 pot, 24" o.c. Blue Blird Hydrangea Privet Honeysuckle Oregon Grape Holly Mahonia repens Creeping Oregon Grape Holly #1 pot, 18" o.c. Laurel Hedge Sword Fern Unique Rhododendron PJM Rhododendron Prunus lauroceras 'Otto Lyuken #3 pot. 30" p.c. 214 Polystichum munitum #2 pot, 18" o.c. Rhododendron 'Anna krushke Arına Krushke Rhododendr # pot, 24" o.c. Sarcococca hookeriana humilis **Dwarf Sweet Box** #2 pot, 18" o.c. Sarcococca ruscifolia Sweet Box David's Viburnum PERENNIALS/GRASSES SYM QTY BOTANICAL NAME COMMON NAME co 288 Carex oshimensis 'Evergold' 66 Clematis armandii Evergold Japanese Sedge Evergreen Clematis Bearberry Cotoneaster Winter Heath #1 pot, 12" o.c. #2 pot, 18" o.c., min 3 trailers #1 pot, 15" o.c. Clematis armandii Cotoneaster dammeri erica camea #1 pot, 12" o.c. 60 Festuca glauca 'Elijah Blue' Blue Fescue #1 pot, 12" o.c. Hemerocallis Stella D'oro Heuchera 'Amber Waves' Stella D'oro Davlily #1 pot, 15" o.c. Amber Waves Coral Bells Green Spice Coral Bells Lime Coral Bells #1 pot, 12" o.c. #1 pot, 12" o.c. Heuchera 'Green Sprice' Heuchera 'Lime Ricky' Hauchera 'Shanghai Purple' #1 pot, 12" o.c. Purple Coral Bells #1 pot, 12" o.c. 182 Lavandula angustifolia 'Hidcote Blue Hidcote Blue Lavende #1 pot, 14" o.c. Uriope muscarl 'Big Blue' Lily Turf #1 pot. 12" o.c. Grace Ward Lithodora Maiden Grass Dwarf Mondo Grass Virginia Creeper #1 pot, 14" o.c. #2 pot, 18" o.c. 9cm pot, 12" o.c. Lithodora diffusa 'Grace Ware Miscanthus sinensis 'Malepai Ophiopogan japonicus 'Nana Parthenocissus quinquefolia #2 pot, 18" o.c., min 3 trailers 589 Pachysandra terminalis 9cm pot. 12" o.c.

# DRAWING LIST

LIA COVER CHEET

	LANDSCAPE SITE PLAN
	LANDSCAPE SITE PLAN - LEVEL 5
11.2	MATERIALS & CRADING BLAN

L1.3 MATERIALS & GRADING PLAN

Phlox subulata 'Scarlet Flame' Rudbeckia fulgida 'Goldstrum'

- L1.4 MATERIALS & GRADING PLAN
- L1.5 MATERIALS & GRADING PLAN L1.6 MATERIALS & GRADING PLAN
- L2.1 PLANTING PLAN L2.2 PLANTING PLAN

L2.3 PLANTING PLAN

Scarlet Flame Creening Phiox

Black Eye Susans Mexican Feather Gra

- L2.4 PLANTING PLAN
- L2.5 PLANTING PLAN LEVEL 5
- L3.1 LANDSCAPE SECTIONS
- L3.2 LANDSCAPE SECTIONS
- L3.3 LANDSCAPE SECTIONS L4.1 LANDSCAPE DETAILS
- L4.2 LANDSCAPE DETAILS
- L4.3 LANDSCAPE DETAILS L4.4 LANDSCAPE DETAILS



FFE FINISHED FLOOR ELEVATION

#### LANDSCAPE NOTES

- 1. All work shall meet or exceed the requirements as outlined in the current Edition of the B.C. Landscape Standard.
- 2. Plant sizes and related container classes are specified according to the B.C. Londscape Standard current Edition, Far container classes #3 and smaller, plant sizes shall be as shown in the plant list and the Standard; for all other plants, bothplant size and container class shall be as shown in the plant list. Specifically, when the plant list call for #5 class containers, these shall be as defined in the BCNTA (ANSI) Standard.
- 3. All trees to be staked in accordance with BCNTA Stondards
- 4. ALL STREET TREES Instoll 8' x 24" Deep Root Borrier centred on each free between tree pit and sidewalk (ON BOTH SIDES: CURB AND SIDEWALK).
- 5. For all existing on site services and survey symbols refer to survey drawings.
- 6. All landscaping and treatment of the open portions of the site shall be completed in occordance with the approved drowings within six (6) months of the date of issuance of any required occupancy permit, or any use or occupancy of the proposed develop ment not requiring an occupancy permit, and thereafter permanently maintained in goad conditions.
- 7. All Potios shall be equipped with hose bibs.
- All irrigation valve boxes equipped with quick-cauplers. 9. Coniferous replacement trees shall be 4m height and deciduous replacement trees shall be 8cm caliper per City of Richmond.

#### **DESIGN RATIONALE**

The landscape design creates attractive and safe public. semi-private and private spaces for residents and the neighborhood.

The residential courtyard aims to provide a sense of community and inclusivity by offering a variety of opportunities for different user groups to socialize and enjoy. Two distinct courtvard spaces encourage active and passive types of use. The west space adjacent to building A provides lots of social gathering opportunities on a large seating terrace overlooking a kid's play space and flexible use open lawn. Within the east courtyard encircled by building B, a raised garden is proposed. Surrounded by trees and lush planting, the create a relaxed and intimate garden. Connecting whese spaces east and west runs a central spine with a fitness amenity zone and rows of tree planting. All units have been designed to have a private patio or an entry porch with private access to the courtyard spaces.

Along the street frontages, grade differentials to private patios at Westminster Hwy, Azure Blvd and Azure Road are addressed through terracing of landscape planters. These terraces are designed to provide effective privacy screening without compromising soil volumes for semi-mature tree plantings. Finished soil levels will be sloped to further assist in bedding the terraced walls into the landscape. Where feasible, stepped access is provided for residents to gain access to private patios from street level.

The project contributes to the neighbourhood by providing an attractive public parkette tucked back from the junction of Azure Road and Azure Blvd. Building entry plazas provide opportunities for public seating and gathering along all three sides.

On the level 5 amenity terrace, the range of programs include an outdoor kitchen and dining, outdoor lounges, sun lawn and urban agriculture planters. A trellis with catenary lighting will enclose and protect the kitchen/ dining space with attractive timber decking. Trees will be planted in raised planters to provide additional shade.

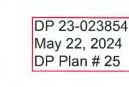
#### PRECEDENT IMAGERY





MAY 17-24 ISSUED FOR DP RESPONSE APR 12-24 ISSUED FOR DP FEB 10-24 ISSUED FOR DP no.: | date:

Durante Kreuk Ltd. 102 - 1637 West 5th Avenue Vancouver BC V6J 1N5 t: 604 684 4611 f: 604 684 0577



**6071 AZURE ROAD** RICHMOND, BC

AG/ JV Drown by: Date: MAY 2024 Scale: NTS at 11x17 size Drawing Title:

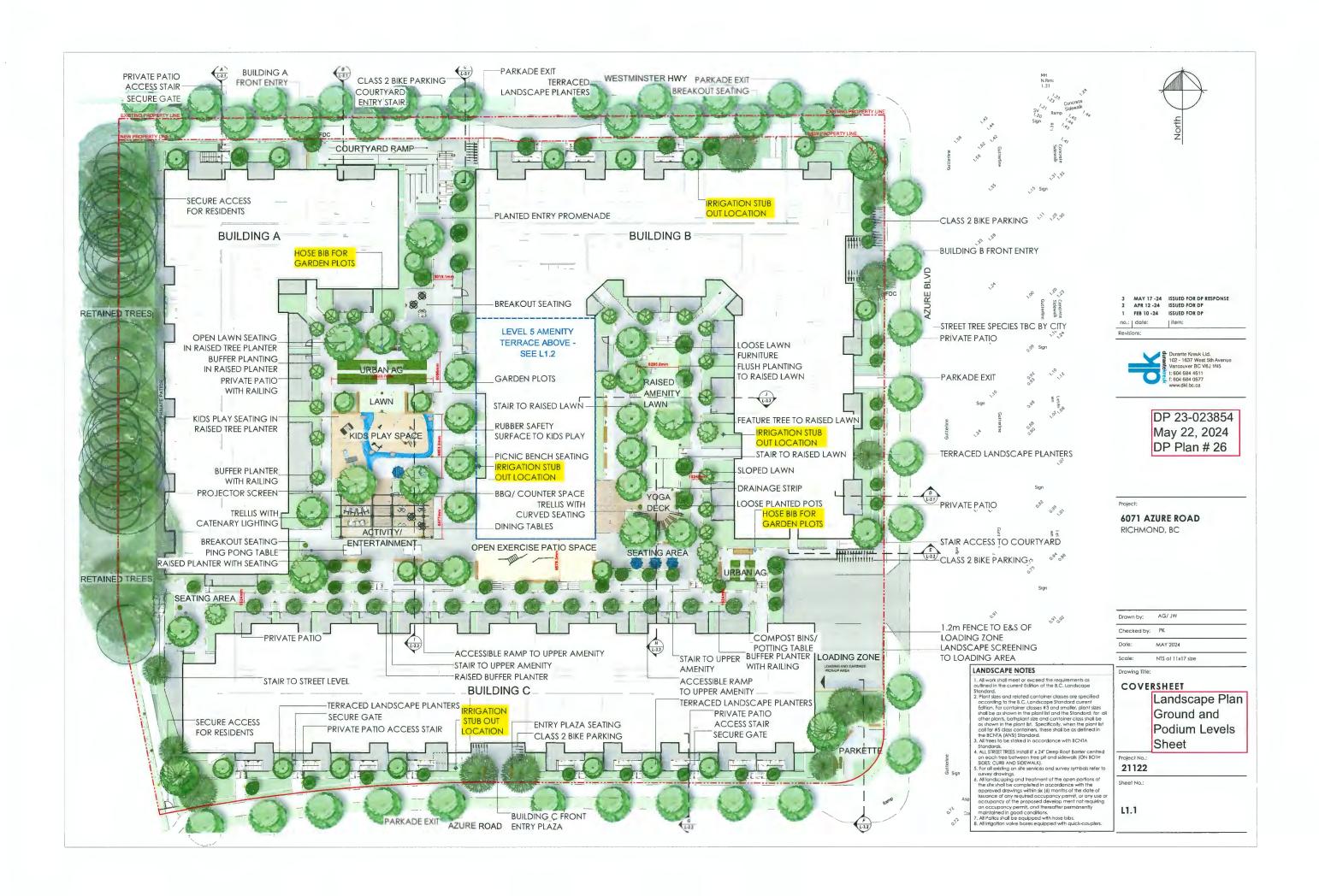
### COVERSHEET

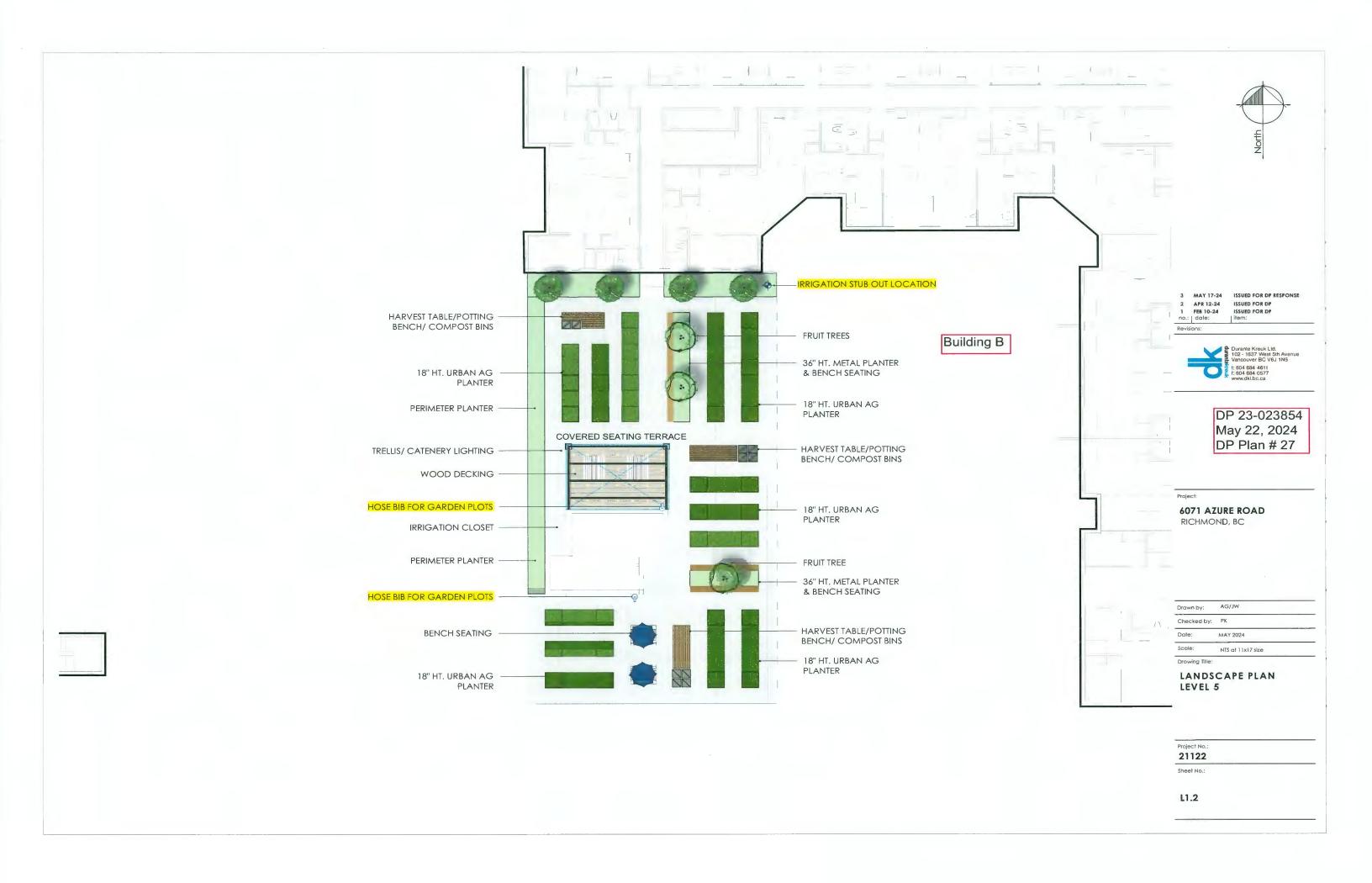
Plant List, Materials and Notes Sheet

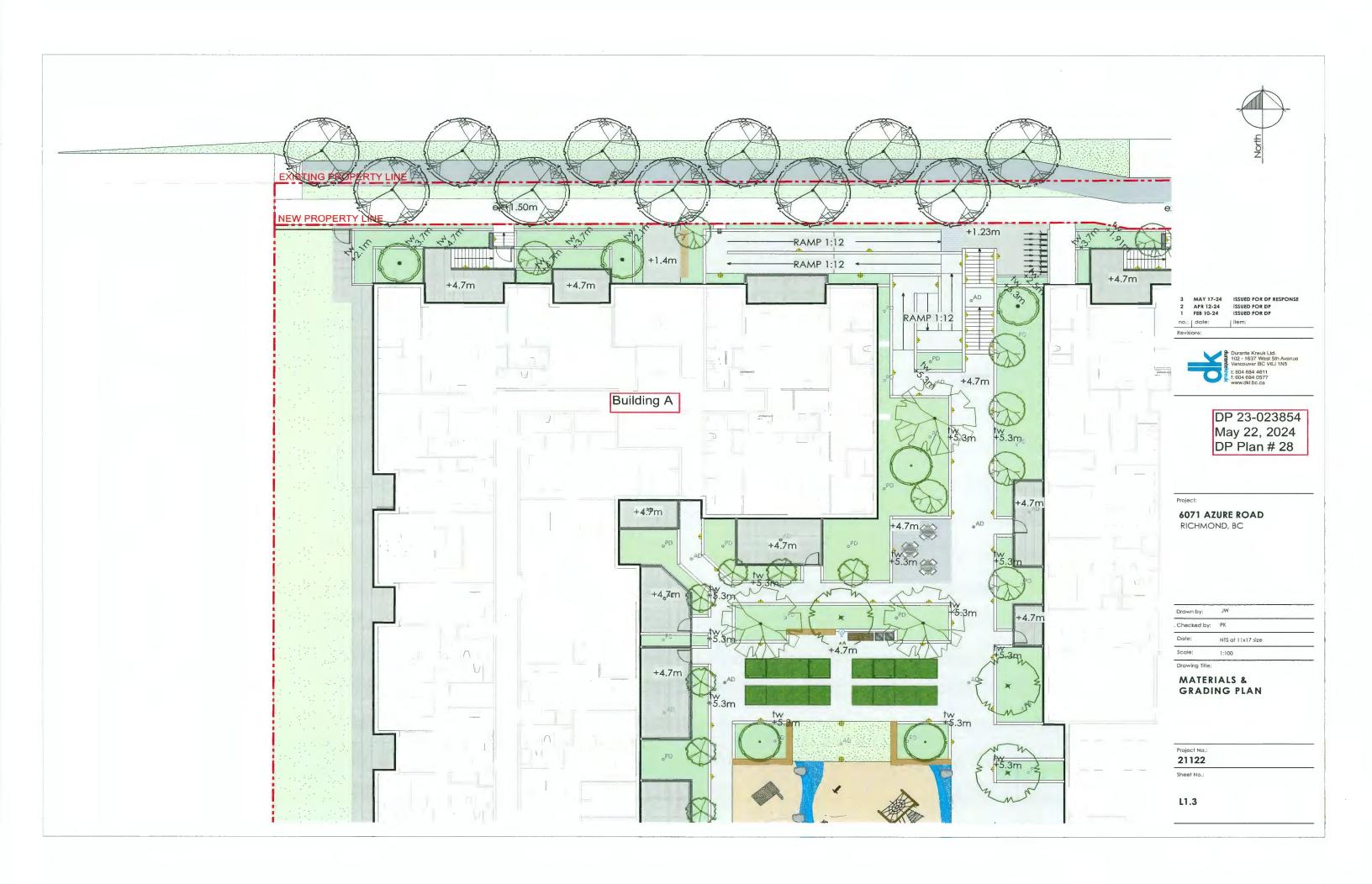
21122

Sheet Na.:

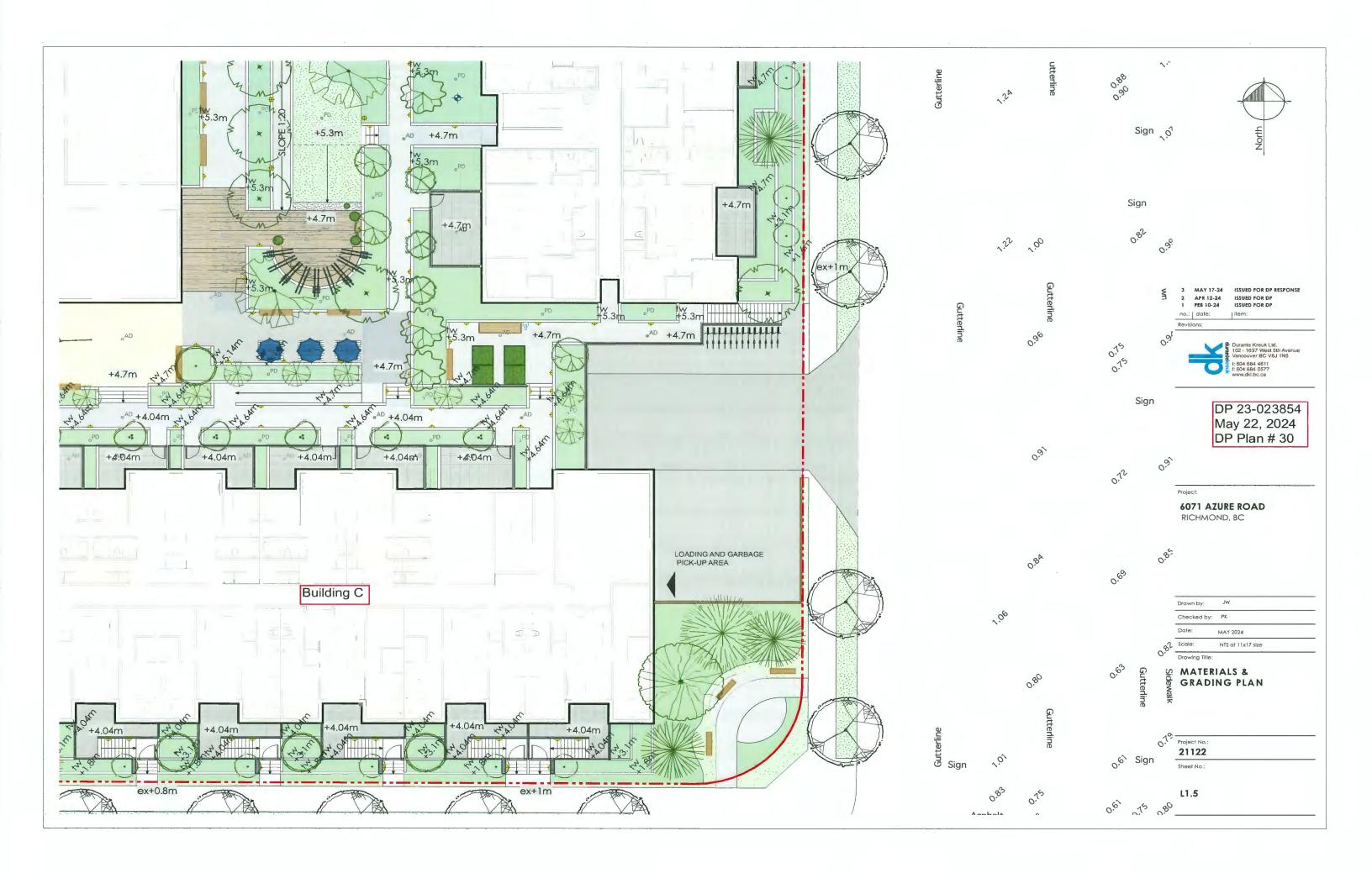
L1.0

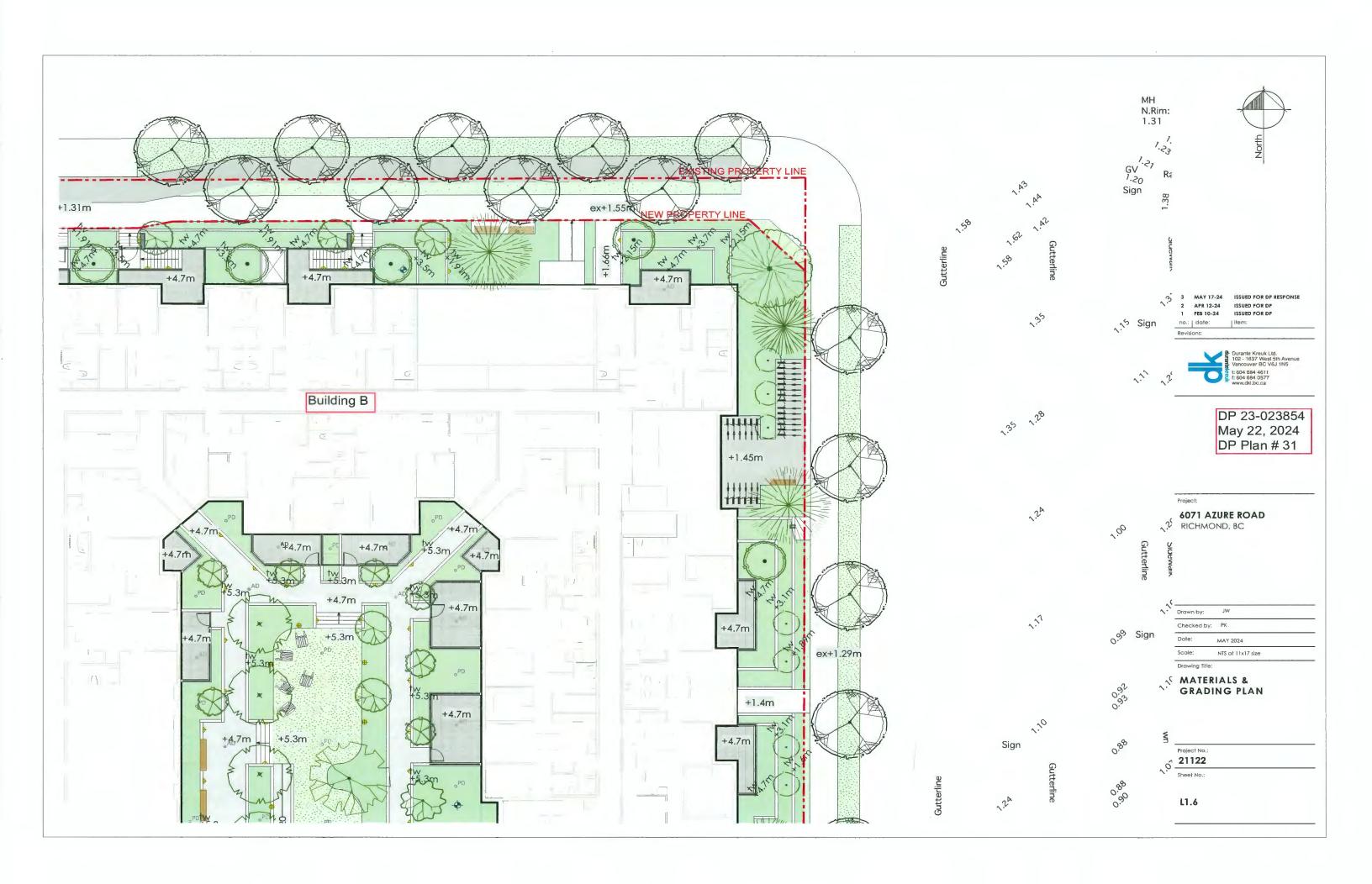


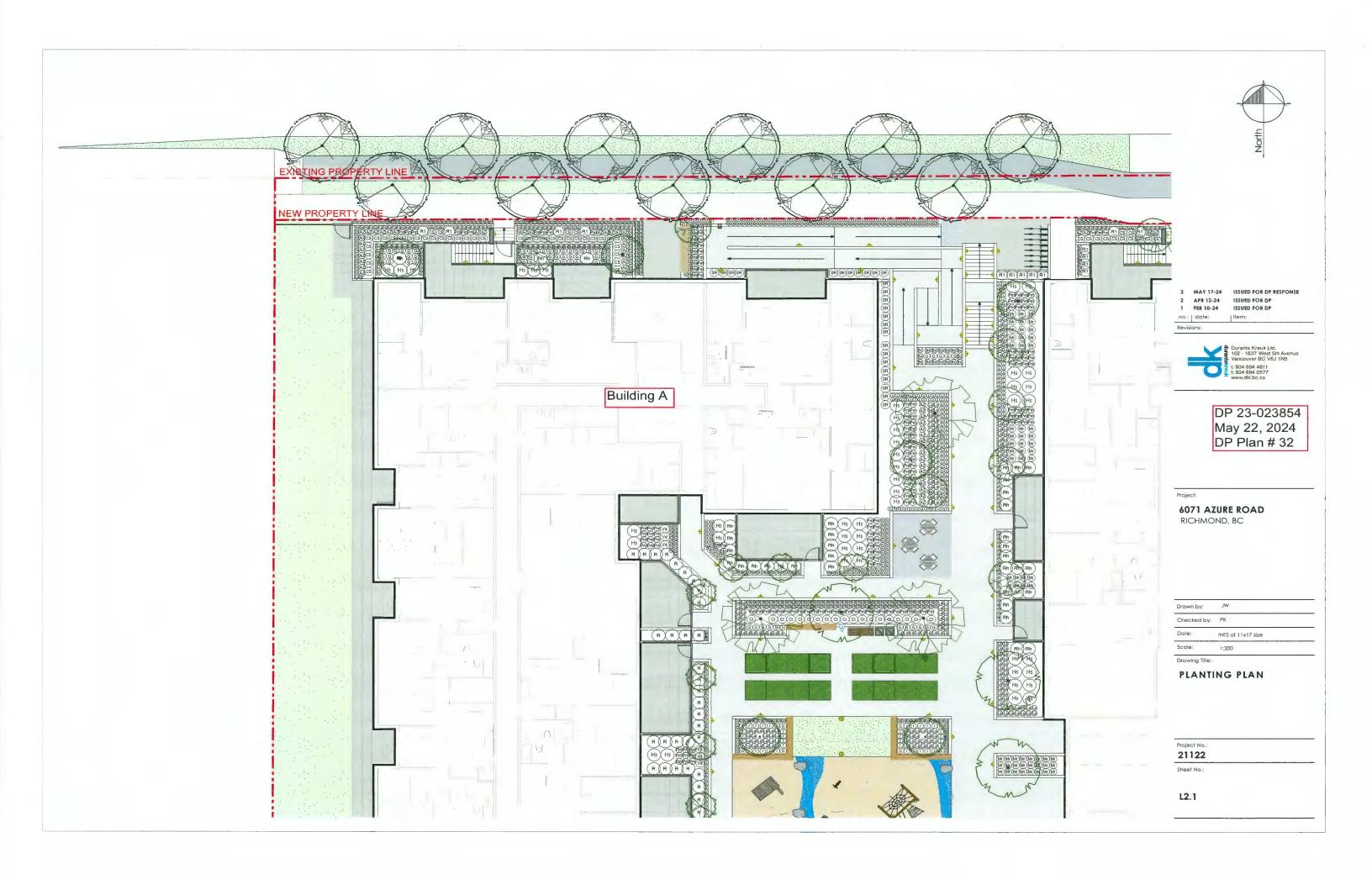


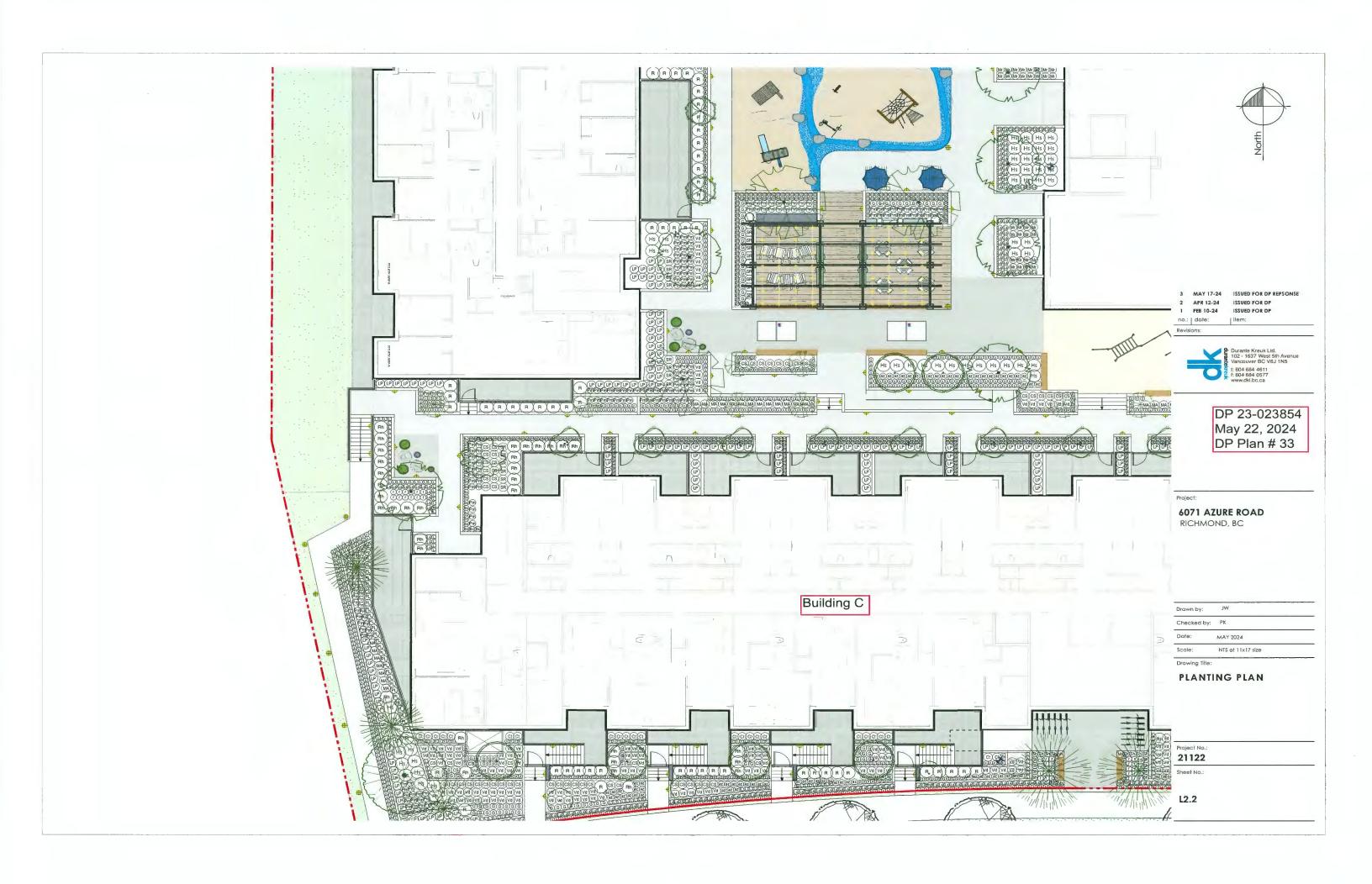


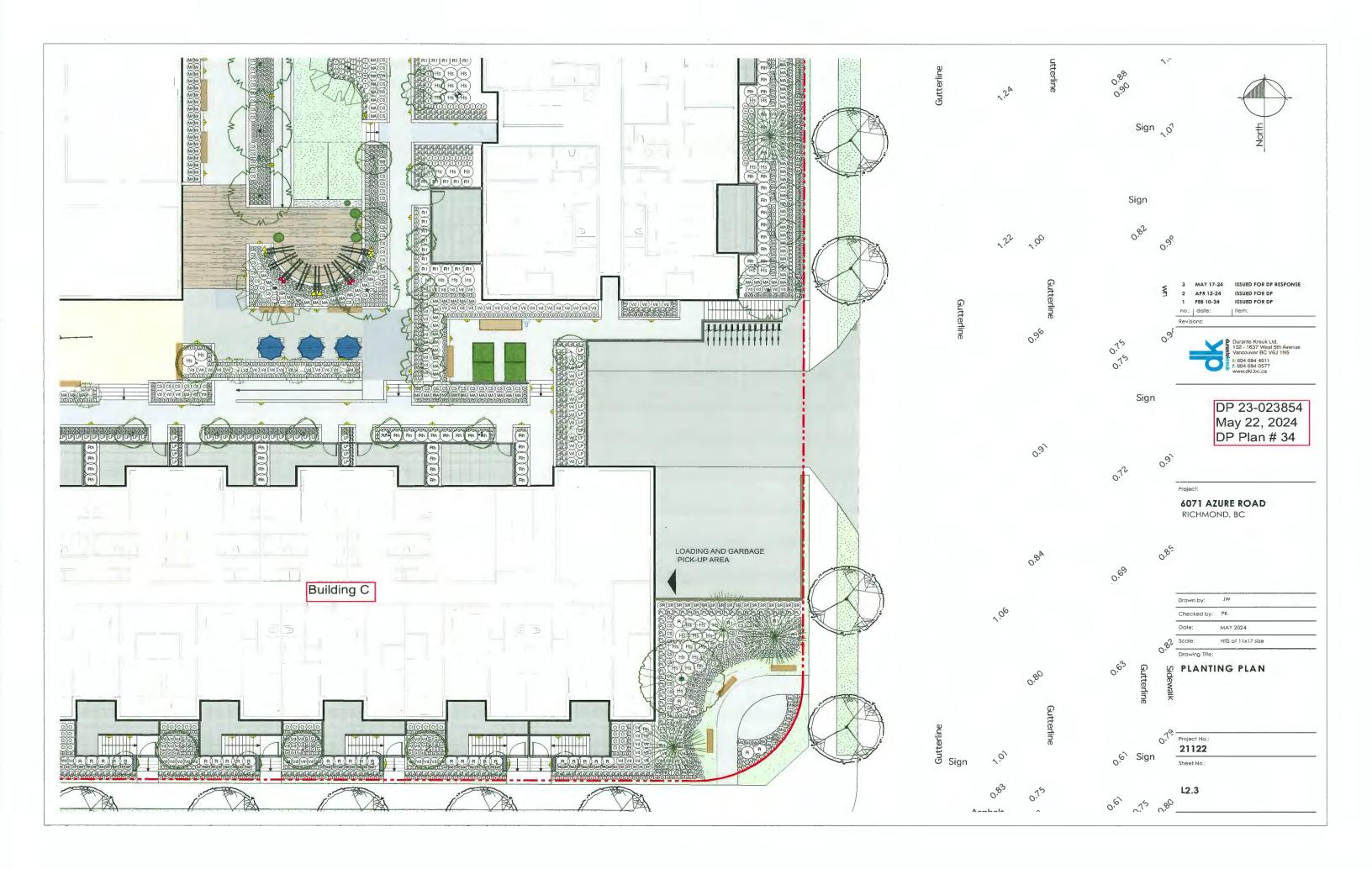


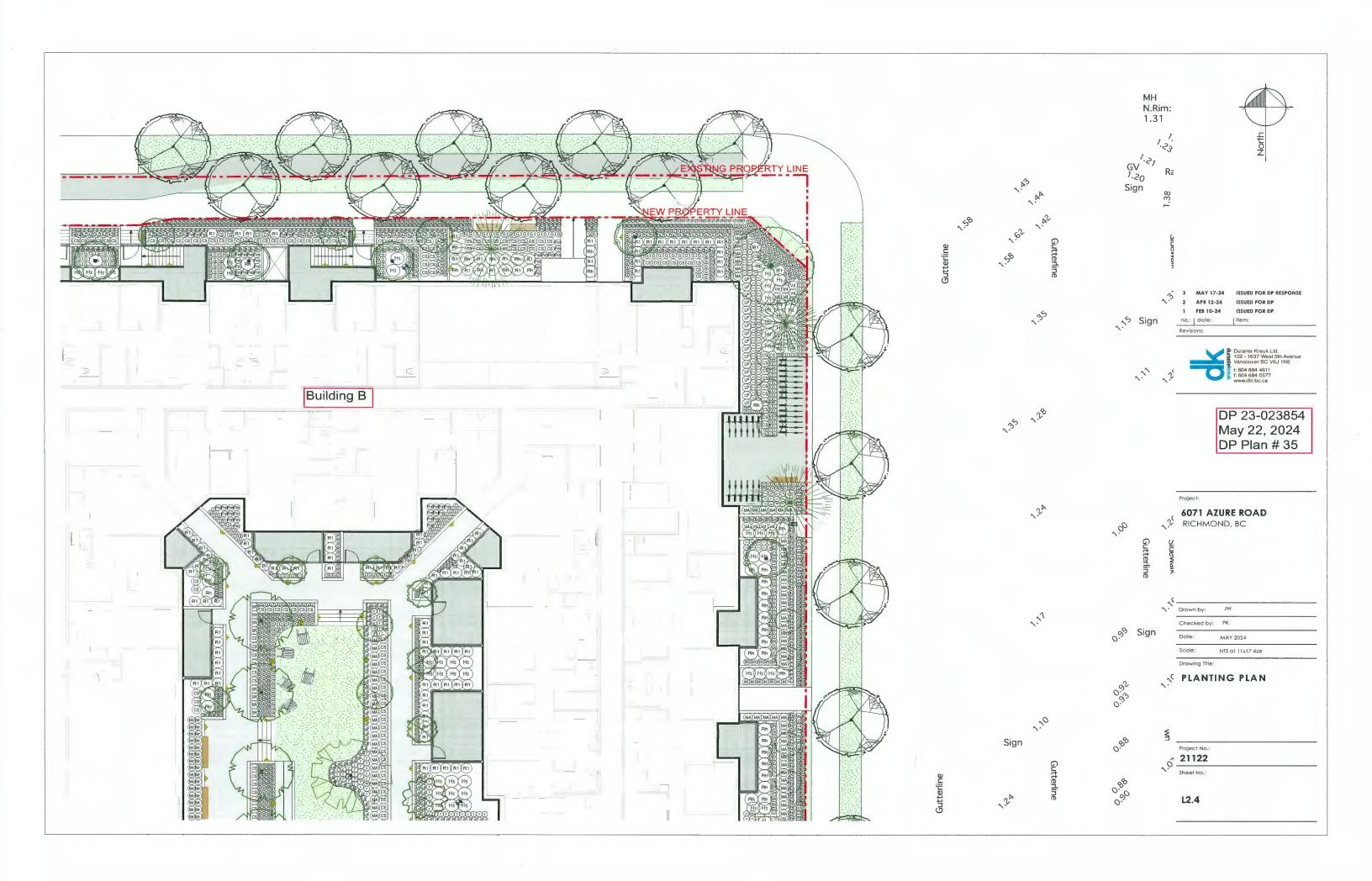


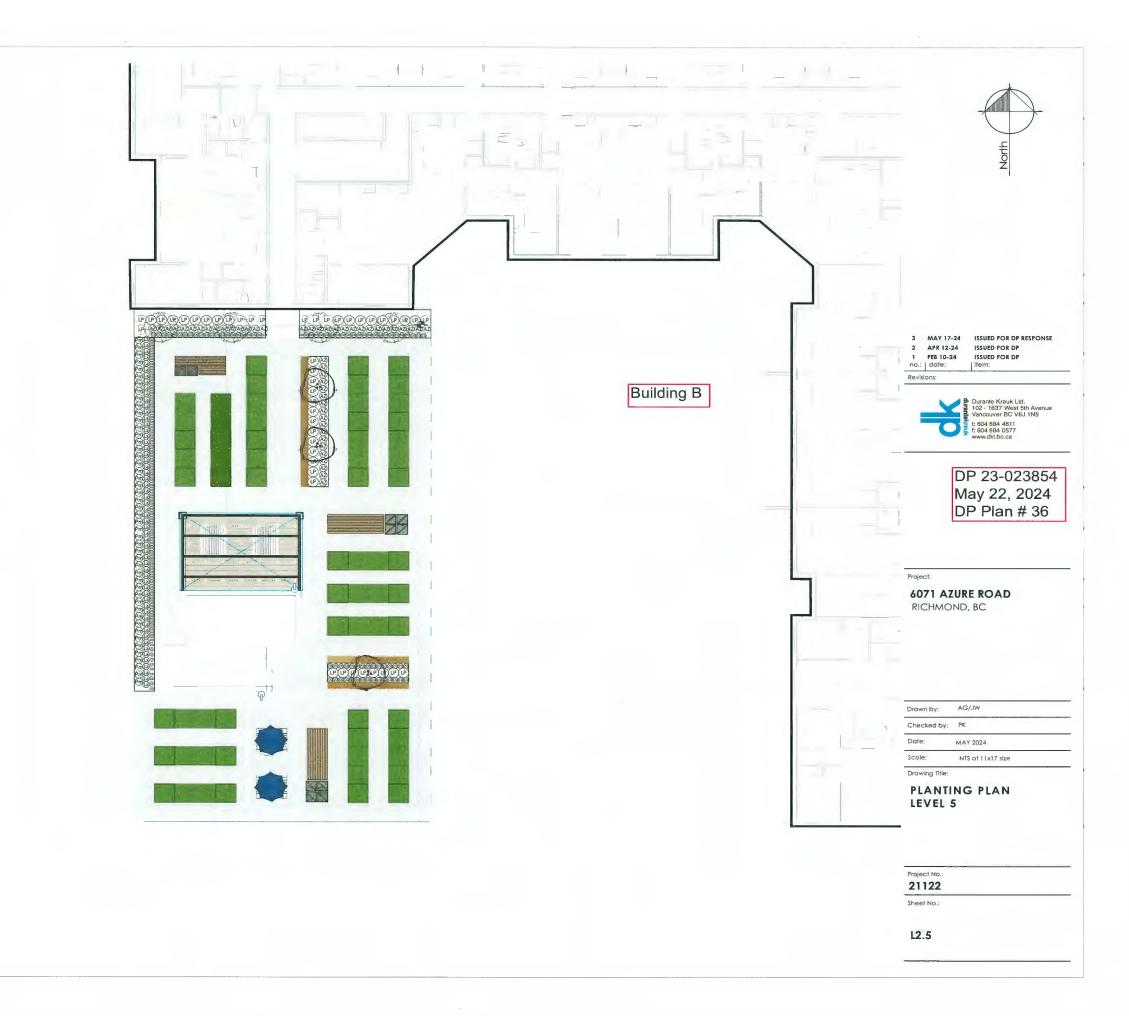


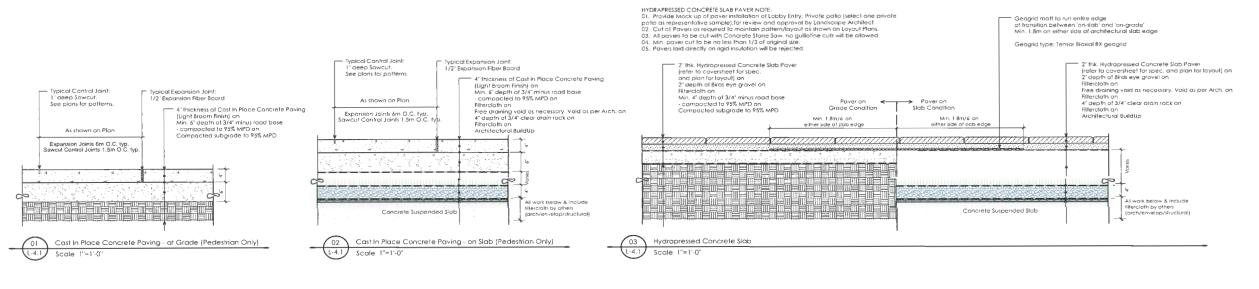












1" x 5" x 10'-0" IPE deck boards on 1.5" x 3" Pressure Treated Joists on /

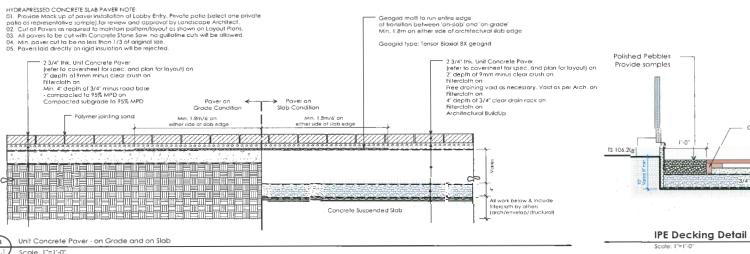
All work below Drain Rock by others (arch/envelop/structural) IN 106.125

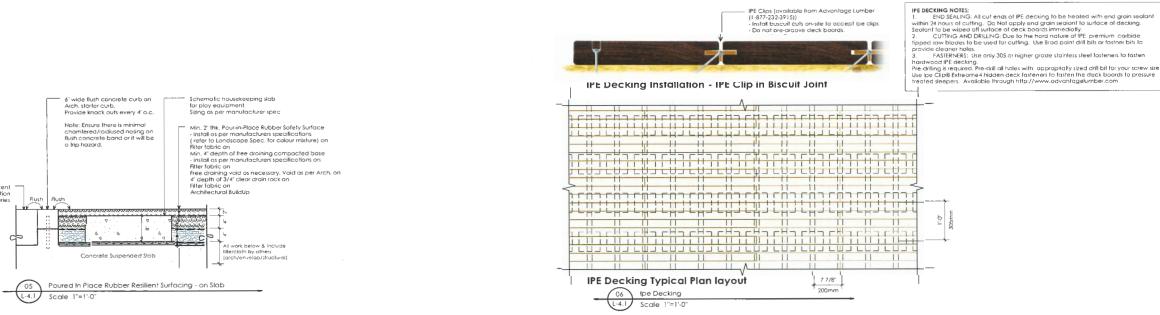
S 105.375

12" sq. hydrapressed concrete pavers on filter fabric on architectural build-up on

Install birds eye gravel between pavers

- Cantingus blocking





3 MAY 17-24 ISSUED FOR DP RESPONSE
2 APR 12-24 ISSUED FOR DP
1 FEB 10-24 ISSUED FOR DP
no.: | date: | item:
Revisions:



DP 23-023854 May 22, 2024 DP Plan # 37

Project:

6071 AZURE ROAD RICHMOND, BC

 Drawn by:
 JW

 Checked by:
 PK

 Date:
 MAY 2024

 Scale:
 NIS at 11x17 size

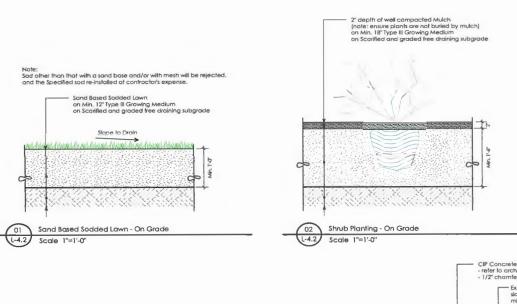
# LANDSCAPE SECTIONS

Project No.: **21122** 

Sheet No.:

Drawing Title:

L4.1



 CIP Concrete Planter Woll
 refer to arch, draws.
 1/2" chamfer Attach rootball ancharing lies/straps to clips embeded in cancrete parapet wall. Alternative system uses soil to loadlack driven anchars (Platipus System) - Cut and remove top 1/3rd of burlop Tope.

10" Ø Perforated PVC Drain Access Pipe with PVC Drain Cap 2" below top of Mulch. Paint cap block.

Provide steel washer attached to top of cap. Set drain pipe an drainmot to ensure free flow at waterproafing level. Provide at all slab drains within planting. Berm Up soil in area of trees ONLY IF ROOTBALL REQUIRES t.O.W Varies Concrete Suspended Slob Concrete Suspended Stab: Concrete Suspended Slab

2" deep x 18" wide swale at base of sloping lawn Great Lown at courtyard

6" wide flush concrete curb on Arch. starter curb. Provide knock outs every 4' o.c.

Note: Ensure there is minimal chamfered/radiused nosing on flush concrete band or it will be a trip hazard.

Sond Based Sodded Lawn on Min. 12" Type III Growing Medium of Filter fabric on 4" depth of 3/4" drain rock on Filter fabric on Architectural Buildup

Cancrete Suspended Slab

03 Sand Based Sodded Lawn - On Slab L-4.2 Scale 1"=1'-0"

Slob droin

05 Shrub/Tree Planting - On Slab L-4.2 SCALE 1"=1'-0"

General Notes:

1. Do not cut free Leader.

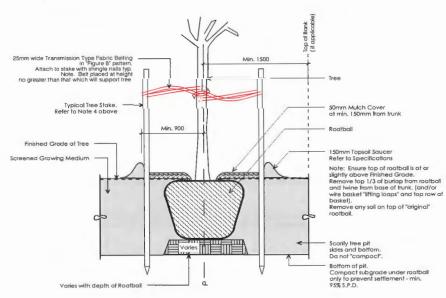
2. Protect free from damage during planting. Ensure rootball pratected from Sun. Frost or Desiccotion.

3. Ensure free location does not conflict with Underground Services. "Coll before digging".

4. All street frees to be stoked with 2 - 100mmØ x 2.5m long. Minimum depth of stoke embedment is 1m. Ensure slokes do not penetrote or domage rootball. Ensure oil stokes are aligned parallel ta sidewalk/ road on free pit centreline.

5. Provide min. 5 cubic meters of growing medium per free.

6. Refer to Grawing Medium Chart below for surface area depth of Growing Medium.



1	Depth of Growing Medium Total (mm)	Area (M2)	Variation I Size of Surface Square	Variation 2 Size of Surface Circle
	450	11.11	3.3 M x 3.3 M	3.80 M Ø
	600	8.33	2.9 M x 2.9 M	3.25 M Ø
T	750	6.67	2.6 M x 2.6 M	2.90 M Ø

04 Typical Tree Planting - On Grade
L-4.2 NTS

3 MAY 17-24 ISSUED FOR DP RESPONSE 2 APR 12-24 ISSUED FOR DP 1 FEB 10-24 ISSUED FOR DP no.: | dote:



DP 23-023854 May 22, 2024 DP Plan # 38

Project:

6071 AZURE ROAD RICHMOND, BC

Drawn by:	JW	
Checked by:	PK	
Dote:	MAY 2024	
Scale:	NTS at 11x17 size	

## LANDSCAPE SECTIONS

21122

Sheet No.:

L4.2

