




To: Planning Committee
From: Wayne Craig
Director, Development

Date: June 24, 2019
File: RZ 14-672055

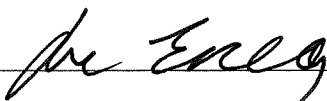
Re: **Revised Rezoning Considerations for the Application by Bene (No. 3) Road Development Ltd. for Rezoning of the Property at 4700 No. 3 Road from the "Auto-Oriented Commercial (CA)" Zone to a New "High Rise Office Commercial (ZC44) – Aberdeen Village" Zone**

Staff Recommendation

That the rezoning considerations associated with Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, for the creation of a new "High Rise Office Commercial (ZC44) – Aberdeen Village" zone and for the rezoning of 4700 No. 3 Road from the "Auto-Oriented Commercial (CA)" zone to the new "High Rise Office Commercial (ZC44) – Aberdeen Village" zone, be revised to change the rezoning consideration from prohibiting subdivision (including stratification and/or air space parcels) of office space within the proposed building to limiting the subdivision of office space to no more than one strata lot or one air space parcel per storey.


Wayne Craig
Director, Development
(604-247-4625)

WC:sb
Att. 2

REPORT CONCURRENCE
CONCURRENCE OF GENERAL MANAGER


Staff Report

Origin

Bene (No. 3) Road Development Ltd. has requested to revise the rezoning considerations associated with Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, for the rezoning of 4700 No. 3 Road from “Auto-oriented Commercial (CA)” to a new site-specific zone, “High Rise Office Commercial (ZC44) – Aberdeen Village”. The rezoning is to facilitate development of a 10-storey commercial and office mixed use building on a property in the City Centre’s Aberdeen Village. The rezoning considerations include a restriction prohibiting subdivision (including stratification and/or air space parcels) of office floor area (single owner for office space). The applicant is requesting the rezoning consideration be revised to allow office floor area to be subdivided to no more than one strata lot or one air space parcel per storey.

On December 11, 2017, Council granted first reading to Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, to rezone the subject property to permit the development of a high-density, mixed commercial and office use building. Amendment Bylaw 9216 was subsequently granted Second and Third Reading at the Public Hearing on January 22, 2018. The original Report to Council, dated November 20, 2017, is provided (Attachment B). The Development Permit application (DP 16-754766) associated with the rezoning application is currently being reviewed by staff.

As a consideration of rezoning, the applicant was required to enter into a legal agreement prohibiting subdivision (including stratification and/or air space parcels) of the office space. However, the City Centre Area Plan was subsequently recently revised on June 17, 2019, allowing limited subdivision of office use within the higher density Village Centre Bonus area and construction costs have increased, resulting in the applicant requesting revised rezoning considerations to allow limited subdivision of the proposed office space. No modifications are proposed to the development design as a result of the request.

The applicant has requested that Council revise the original rezoning considerations prior to the rezoning application proceeding to final adoption. Due to the proposed changes being minor and not impacting land use or density, the revised proposal does not require a new Public Hearing.

Findings of Fact

Please refer to the original Staff Report dated November 20, 2017 (Attachment A) for detailed information regarding the rezoning application.

Analysis

Original Proposal

As noted in the original Staff Report (Attachment A), the City Centre Area Plan (CCAP) amendment and rezoning include a total density of 3.5 floor area ratio (FAR), including a Village Centre Bonus of 1.5 FAR limited to office floor area only. The development proposal includes total floor area of approximately 7,285.4 m² (78,415.5 ft²) comprised of approximately 1,387.7 m² (14,937 ft²) or 0.67 FAR of commercial space and 5,897.4 m² (63,478.5 ft²) or 2.83 FAR of office space. The office space is proposed over six storeys on the 5th to 10th floors, with floor plate sizes of approximately 799 m² (8,600 ft²) on the 5th floor, and 1,002 m² (10,791 ft²) on the 6th to 10th floors.

The original rezoning considerations included the requirement to enter into a legal agreement prohibiting subdivision of the office floor area (including stratification and/or air space parcels).

Proposed Changes

Subsequent to the Public Hearing for the subject rezoning application, the City Centre Area Plan was amended. On June 17, 2019, Council adopted Official Community Plan Bylaw 7100, Amendment Bylaw 10034, which amended the “Village Centre Bonus” definition, requiring that subdivision of all office use within the Village Centre Bonus (VCB) area be limited to one strata lot or one air space parcel per storey or a minimum floor area of 1,858 m² (20,000 ft²) where the VCB exceeds 1.0 FAR.

As the City Centre Area Plan has recently changed, and construction costs have increased significantly, the applicant has requested the rezoning considerations be amended to allow for limited subdivision of the proposed office floor area to one strata lot or one air space parcel per storey (Attachment B). A red-lined version of the proposed revised rezoning considerations is provided in Attachment C, which revises the office floor area subdivision prohibition requirement (item #7 of the rezoning considerations) to allow limited office floor area subdivision to no more than one strata lot or one air space parcel per storey, consistent with the City Centre Area Plan.

In order to move forward with the development, the applicant has requested to revise the rezoning considerations. An additional Public Hearing is not required, as the revised proposal does not impact land use or density and is relatively minor. No additional conditions from the previous rezoning considerations are proposed to change, other than that identified in this Report and the revised rezoning considerations provided in Attachment C.

Next Steps

Should Council wish to proceed with the revised rezoning considerations, the applicant would be required to satisfy the revised rezoning considerations prior to final adoption of the Rezoning Bylaw.

The Development Permit application (DP 16-754766) associated with the rezoning application is currently being reviewed by staff. A Staff Report will be forwarded to the Development Permit Panel in the future and public notification, consistent with City procedures, will be provided through the Development Permit process to notify surrounding residents of the Development Permit application.

Conclusion

Bene (No. 3) Road Development Ltd. has requested to revise the rezoning considerations associated with the application to rezone the property at 4700 No. 3 Road from “Auto-oriented Commercial (CA)” to a new site-specific zone, “High Rise Office Commercial (ZC44) – Aberdeen Village”, in order to allow limited subdivision (including stratification and/or air space parcels) of office floor area, and proceed with the development of a high-density, mixed commercial and office use building in City Centre’s Aberdeen Village.

Council granted Second and Third Reading to the Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, associated with the subject application, at the Public Hearing on January 22, 2018.

The revised rezoning considerations are consistent with recent amendments to the City Centre Area Plan to allow limited subdivision of all office use within the Village Centre Bonus (VCB) area.

On this basis, it is recommended the rezoning considerations be amended.



Sara Badyal, M. Arch, MCIP, RPP
Planner 2
(604-276-4282)

SB:blg

Attachment A: Original Report to Council dated November 20, 2017

Attachment B: Letter from Applicant dated July 3, 2019

Attachment C: Red-lined Version of the Revised Rezoning Considerations




Report to Committee
Planning and Development Division

To: Planning Committee **Date:** November 20, 2017
From: Wayne Craig **File:** RZ 14-672055
Director, Development
Re: **Application by Bene (No. 3) Road Development Ltd. for Rezoning of the Property at 4700 No. 3 Road from the “Auto-Oriented Commercial (CA)” Zone to a New “High Rise Office Commercial (ZC44) – Aberdeen Village” Zone**

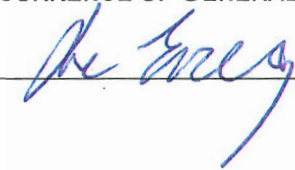
Staff Recommendation

1. That Official Community Plan Bylaw 7100, Amendment Bylaw 9215, to amend the Schedule 2.10 (City Centre Area Plan) by:
 - a) Amending the Overlay Boundary - Village Centre Bonus Map (2031) to allow for an additional 0.5 FAR Village Centre Bonus on the subject site; and
 - b) Amending the Aberdeen Village – Detailed Transect Descriptions to allow for an additional 0.5 FAR Village Centre Bonus on the subject site;be introduced and given first reading.
2. That Bylaw 9215, having been considered in conjunction with:
 - The City’s Financial Plan and Capital Program; and
 - The Greater Vancouver Regional District Solid Waste and Liquid Waste Management Plans;is hereby found to be consistent with said program and plans, in accordance with Section 477(3)(a) of the *Local Government Act*.
3. That Bylaw 9215, having been considered in accordance with OCP Bylaw Preparation Consultation Policy 5043, is hereby found not to require further consultation.

- 4. That Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, for the creation of a new "High Rise Office Commercial (ZC44) – Aberdeen Village" zone and for the rezoning of 4700 No. 3 Road from the "Auto-Oriented Commercial (CA)" zone to the new "High Rise Office Commercial (ZC44) – Aberdeen Village" zone, be introduced and given first reading.


 Wayne Craig
 Director, Development
 (604-247-4625)

SB:blg
 Att. 5

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Community Services	<input checked="" type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	
Policy Planning	<input checked="" type="checkbox"/>	
Transportation	<input checked="" type="checkbox"/>	

Staff Report

Origin

Bene (No. 3) Road Development Ltd. has applied to the City of Richmond for permission to rezone 4700 No 3 Road from “Auto-oriented Commercial (CA)” to a new site-specific zone; “High Rise Office Commercial (ZC44) – Aberdeen Village” (Attachment 1), in order to permit the development of a high-density commercial and office use development on a property in the City Centre’s Aberdeen Village. Key components of the proposal (Attachment 2) include:

- A single 10-storey tower with two floors of commercial retail units, six floors of office space and four levels of parking.
- A total floor area of approximately 7,285.4 m² (78,415.5 ft²) comprised of approximately:
 - 1,387.7 m² (14,937 ft²) of commercial space.
 - 5,897.4 m² (63,478.5 ft²) of office space.
- LEED Silver equivalent building designed and constructed to connect to a future district energy utility (DEU) system.
- Replacement of the City’s Leslie sanitary sewer pump station located on the Leslie Road frontage, including required equipment inside the proposed building in a required Statutory Right-of-Way (SRW).

Associated Official Community Plan (OCP) bylaw amendments are proposed to facilitate inclusion of additional transit oriented office use on the subject site.

Findings of Fact

A Development Application Data Summary (Attachment 3) is provided for comparison of the proposed development with the proposed site-specific bylaw requirements.

Site and Surrounding Development

The subject site is located in Aberdeen Village (Attachment 4) at the corner of No. 3 Road and Leslie Road, and is comprised of a single lot.

The site is currently vacant and was previously occupied by a single-storey restaurant building surrounded by surface paving.

Surrounding development includes:

To the North: Across Leslie Road, an existing two-storey auto repair building.

To the South: An existing commercial development with one and two-storey buildings.

To the East: A surface parking area, and further east, an existing two storey commercial building.

To the West: Across No. 3 Road, an existing commercial development with one and two-storey buildings.

Related Policies & Studies

1. Official Community Plan/City Centre Area Plan

Official Community Plan: The Official Community Plan (OCP) designates the site as “Commercial”. The proposed OCP amendment and proposed rezoning are consistent with this designation.

City Centre Area Plan: The City Centre Area Plan (CCAP) Aberdeen Village Specific Land Use Map designates the site as “Urban Centre T5 (35 m)”. The proposed rezoning is generally consistent with this designation, except that OCP amendments are required to accommodate:

- The proposed 0.5 FAR additional Village Centre Bonus (VCB) which is not currently included in the plan.
- Utilization of the entire additional Village Centre Bonus for office use. A legal agreement will be secured through the rezoning to maximize flexibility through single ownership, prohibiting strata-titling of the office area.

The proposed OCP amendments are further discussed in the Analysis section of this report.

2. Other Policies, Strategies and Bylaws

Flood Protection Management Strategy: The proposed redevelopment must meet the requirements of the Richmond Flood Plain Designation and Protection Bylaw 8204 for Area “A”. Registration of a flood indemnity covenant is required prior to final adoption of the rezoning bylaw.

Aircraft Noise Sensitive Development Policy: The proposed development is located in Area 1A (new aircraft noise sensitive land uses prohibited) on the Aircraft Noise Sensitive Development Map. The proposed rezoning and associated OCP amendment are consistent with this Policy. Registration of an aircraft noise covenant on title is required prior to rezoning adoption.

Ambient and Commercial Noise: The proposed development must address additional OCP Noise Management Policies, specifically ambient noise and commercial noise. Requirements include registration of a noise covenant on title before final adoption of the rezoning bylaw.

District Energy Utility Policy and Bylaws: The proposed development will be designed to utilize energy from a District Energy Utility (DEU) when a neighbourhood DEU is implemented. Connection to the future DEU system will be secured with a legal agreement registered on title prior to final adoption of the rezoning bylaw.

Consultation

1. OCP Amendment

General Public: Development Application signage has been installed on the subject site. Staff have not received any comments from the public in response to the sign. Should the Planning Committee endorse this application and Council grant first reading to the bylaw, the bylaw will be forwarded to a Public Hearing, where any area resident or interested party will have an

opportunity to comment. Public notification for the Public Hearing will be provided as per the *Local Government Act*.

External Agencies: Staff have reviewed the proposed OCP amendments with respect to the *Local Government Act* and the City's OCP Consultation Policy No. 5043 requirements. A referral was made to TransLink through the rezoning process. Since no residential use is included in the subject proposal, a referral was not made to the Richmond School Board in accordance with Council policy. Consultation with other stakeholders was deemed unnecessary. Consultation with external stakeholders is summarized below.

OCP Consultation Summary

Stakeholder	Referral Comment (No Referral necessary)
BC Land Reserve Co.	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
Richmond School Board	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only. As residential uses are not permitted, there will be no impacts on School Board operation.
The Board of the Greater Vancouver Regional District (GVRD)	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
The Councils of adjacent Municipalities	No referral necessary, as adjacent municipalities are not affected, and the proposed amendment refers to density bonusing for additional office use on the subject site only.
First Nations (e.g., Sto:lo, Tsawwassen, Musqueam)	No referral necessary; the proposed amendment refers to density bonusing for additional office use on the subject site only.
TransLink	The proposed amendment refers to density bonusing for additional office use on the subject site only; no transportation road network changes are proposed. The proposal was referred to TransLink through the associated rezoning application.
Port Authorities (Vancouver Port Authority and Steveston Harbour Authority)	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
Vancouver International Airport Authority (VIAA) (Federal Government Agency)	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
Richmond Coastal Health Authority	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
Community Groups and Neighbours	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.
All relevant Federal and Provincial Government Agencies	No referral necessary, as the proposed amendment refers to density bonusing for additional office use on the subject site only.

2. Rezoning

General Public: A rezoning application sign has been installed on the subject site. Staff have not received any comments from the public in response to the sign. Should the Planning Committee endorse this application and Council grant first reading to the bylaw, the bylaw will be forwarded to a Public Hearing, where any area resident or interested party will have an opportunity to comment. Public notification for the Public Hearing will be provided as per the *Local Government Act*.

External Agencies: The rezoning application was referred to the following external agency.

- South Coast British Columbia Transportation Authority (TransLink): Staff referred the proposed OCP amendment and rezoning to TransLink due to proximity to the Canada Line guideway. Further, the property owner has entered into an agreement with TransLink for formal review through the Adjacent and Integrated Development (AID) program. TransLink has provided staff with preliminary comments regarding the development proposal, advising that TransLink is not opposed to an OCP amendment and rezoning staff report being advanced to Council for consideration. The proposal is not expected to impact transit operations, goods movement, the Major Road Network, or regional cycling facilities. At the AID consent level, TransLink staff have stated that they are not at the point in the review to provide final comment, but expect that the applicant will work cooperatively to address all concerns, as well as obtain TransLink consent prior to any site work or construction. Staff note that the proposed development meets the CCAP 6.0 m Canada Line setback requirement established with TransLink's input. Further, the rezoning considerations require the registration of a legal agreement restricting Building Permit issuance prior to final approval being received from TransLink.

Analysis

Staff have reviewed the proposed rezoning and proposed associated OCP (CCAP) amendments and find that they are generally consistent with City objectives including, but not limited to: public and private infrastructure, land use, density, height, siting conditions, and community amenities.

1. Proposed OCP and Zoning Bylaw Amendments

Proposed OCP (CCAP) Amendment

Land Use: The proposed office and commercial uses are permitted by the CCAP. The OCP (CCAP) amendments will allow additional transit-oriented office uses on the subject site.

Density: The proposed amendments are structured to permit an additional 0.5 FAR of office floor area as a component of the Village Centre Bonus (VCB) floor area (increasing the VCB from 1.0 FAR to 1.5 FAR for the subject site). This is intended to ensure that the site is developed primarily with transit oriented office use.

There is an increasing demand for office space around rapid transit stations as companies seek amenity rich locations that aid in their talent attraction and retention efforts. Large contiguous spaces are especially difficult to find in these locations. The office vacancy rate along the Canada Line is at a low critical level of 2.3% and no substantial large floor plate product has been added in all of Richmond, including in the City Centre, for nearly a decade.

The subject site benefits from bus service along it's No. 3 Road frontage and the site is within walking distance of the Aberdeen Canada Line station (within approximately 450 m).

The proposed OCP amendment would increase the existing Village Centre Bonus incentive to develop office uses on the subject site to respond to the demand for transit oriented office space. The proposal would also increase employment opportunities, enhance the City's fiscal sustainability by expanding and diversifying the tax base, while also expanding the range of services offered to the City's residents and businesses. Staff note that the applicant has agreed to maintain the office floor area under a single owner so that it can be easily converted to large tenant office space to accommodate a wider range of future potential office tenants. Registration of a legal agreement on title to prohibit subdivision of the office space on the upper floors of the building into either strata lots or air space parcels is a requirement of rezoning.

The proposed increase in density is for transit oriented office uses in a village centre, so would not impact the CCAP population target and would provide additional services for residents and additional employment opportunities in the City. The proposed office density increase would not generate the same demands on City utilities and City community amenities that additional residential floor area would (including park space, libraries, art facilities, emergency services, health care facilities, etc.).

On the basis of the benefits that additional transit oriented office uses provides to the City, staff support the proposed density increase for additional non-residential floor area. However, staff do not generally support density increases for additional residential floor area as the resulting additional population would strain access to City amenities and health services, and stress existing city and private infrastructure, including the transportation network. If the residential population increased within the City Centre, projections based on the existing CCAP framework would no longer be valid. Strategic plans, such as the City Centre Transportation Plan, the Parks and Open Space Plan and the City's Development Cost Charges program would require revision and expensive upgrades would be required.

Proposed Rezoning

The proposed rezoning is consistent with the Aberdeen Village Specific Land Use Map, Urban Centre T5 (35 m) transect (except for the additional office use as proposed in the applicant's requested OCP amendment). A new site-specific zone is proposed, "High Rise Office Commercial (ZC44) – Aberdeen Village". The proposed new ZC44 zone includes provisions regulating the permitted land uses, maximum floor area, density bonus for office floor area, maximum building height, siting parameters and parking. Rezoning considerations are provided (Attachment 5).

2. Community Amenities

The proposed rezoning includes the following contributions in support of City Centre densification and the associated increased demand for community amenities.

Community Amenity Space: The proposed rezoning is located in the “Village Centre Bonus (VCB)” area shown on the CCAP Aberdeen Village Specific Land Use Map. The applicant proposes to take advantage of the following available density bonus provisions:

- VCB density increase of 1.0 FAR with 5% of this area expected to be provided back to the City in the form of floor area for a community amenity (104 m² calculated using the proposed floor area [1.0 x 0.05 x 2,082 m²]).
- VCB additional density increase of 0.5 FAR with 10% of this area expected to be provided back to the City in the form of floor area for a community amenity (104 m² calculated using the proposed floor area [0.05 x 0.1 x 2,082 m²]).

Community Services staff have reviewed the property location, and limited amount of community amenity floor area that would be generated (208 m² or 2,241.6 ft²) against neighbourhood needs and recommend that the City accept a cash-in-lieu contribution to the City Centre Facility Development Fund for the finished value of the space (\$1,456,392.94 calculated using the proposed floor area [2,241.6 ft² x \$650 /ft²]). Should the contribution not be provided within one year of the application receiving third reading, the construction value multiplier (\$650 /ft²) will be adjusted annually thereafter based on the Statistics Canada “Non-residential Building Construction Price Index” yearly quarter to quarter change for Vancouver, where the change is positive.

Community Planning: The proposed rezoning is subject to a community planning implementation contribution for future community planning, in accordance with the CCAP Implementation Strategy (\$19,605.29 calculated using the proposed floor area [78,421.16 ft² x \$0.25 /ft²]).

Public Art: The proposed development is subject to the Richmond Public Art Policy. As the project is of a modest size and there are limited opportunities for locating Public Art on the site, the applicant is proposing to provide a voluntary contribution to the Public Art Reserve for City-wide projects on City lands. The contribution will be secured before rezoning adoption, based on the current contribution rate (\$34,505.31 calculated using the proposed floor area [78,421.16 ft² x \$0.44 /ft²]).

3. Utility Infrastructure

City Utilities: The developer is required to enter into a Servicing Agreement for the design and construction of a variety of water, storm water drainage and sanitary sewer frontage works. Included are:

- Water main upgrade on Leslie Road frontage.
- Storm sewer upgrade on Leslie Road frontage.
- Sanitary sewer upgrade, pump station and force main replacement on Leslie Road frontage and east edge of site, including new equipment in a SRW inside the building, and force main in a SRW along the east edge of the site.
- Various frontage improvements including street lighting.

A more detailed description of infrastructure improvements is included in the Rezoning Considerations (Attachment 5).

Private Utilities: Undergrounding of private utility lines and location of private utility equipment on-site are required.

4. Transportation

Transportation Network: The CCAP encourages completion and enhancement of the City street network. The following frontage and intersection improvements are required.

- Leslie Road: Leslie Road will be widened to accommodate a left-turn lane. The back-of-curb cross-section will be improved to accommodate a grass boulevard with street trees and a sidewalk. A property dedication is required across the frontage and at the corner.
- Traffic Signals: The existing traffic signal at the No. 3 Road and Leslie Road intersection is required to be upgraded to accommodate the road widening.

A more detailed description of road improvements is included in the Rezoning Considerations (Attachment 5). Road enhancements along Leslie Road will be eligible for DCC credits. Road dedication and all other works will be the sole responsibility of the developer and are not eligible for DCC credits.

Site Access On-site: Vehicular access will be provided via a single driveway connecting to Leslie Road. Truck access and loading will be provided, and will be the subject of further review during the Development Permit review process.

Vehicle Parking On-site: Transportation Department staff support the parking proposal.

The proposed parking rate is consistent with the parking provisions of the Richmond Zoning Bylaw (City Centre Zone 1).

In accordance with the Zoning Bylaw 8500, the parking proposal includes a 10 percent reduction with the provision of the following Transportation Demand Management (TDM) measures as requirements of rezoning:

- Voluntary contribution of \$50,000 towards the provision of two transit shelters at existing bus stops nearby along No. 3 Road.
- Provision of two electric vehicle (EV) quick-charge (240V) charging stations on-site for the use of units and visitors. The charging stations should be located to provide for convenient use by vehicles parked in any of four parking spaces. The provision of the charging stations for the shared use of units and visitors will be secured with a legal agreement registered on title prior to final adoption of the rezoning bylaw.

The proposed new ZC44 site specific zone has been drafted to allow for the provision of a maximum of sixteen tandem parking spaces located in the upper parking levels (third and fourth floor) for employee parking only and each pair of the tandem parking spaces are to be assigned to a single tenant/unit. The eight parking spaces that do not have direct access to a drive aisle represent 7.6% of the total 106 proposed parking spaces. The tandem parking would be for office space under single ownership, which is characterized with regular office hours and parking use that the applicant believes will work for tandem parking. As the office space will be required to remain under single ownership, property management will manage the tandem parking.

Similarly, the provision of some tandem parking spaces restricted to employee use only was also approved for the stratified Aberdeen expansion for retail and office space (DP 09-494545) and staff are not aware of any issues with the arrangement. The detailed parking design will be the subject of further review during the Development Permit review process.

Truck Loading On-site: The Richmond Zoning Bylaw requires two medium size loading spaces and one large size loading space for the proposed development. The applicant is proposing to provide two medium size loading spaces. The provision of loading spaces for the shared use of all units will be secured with a legal agreement registered on title prior to final adoption of the rezoning bylaw. Transportation Department staff support the variance request to not provide one large truck loading space, as the proposed retail and office uses would not typically involve deliveries with large semi-trailers. The variance request will be the subject of further review during the Development Permit review process.

Bicycle Parking On-site: The proposed bicycle parking rates are consistent with the parking provisions of the Richmond Zoning Bylaw. The detailed design of secure class 1 storage and short-term class 2 bicycle racks will be the subject of further review during the Development Permit review process. Provision of class 1 bicycle storage for the shared use of all units will be secured with a legal agreement registered on title prior to final adoption of the rezoning bylaw.

5. Development Concept Review

The CCAP includes a variety of policies intended to shape development to be liveable, functional and complementary to the surrounding public and private realm. Those policies most applicable to the development concept at the rezoning stage are reviewed below.

Massing Strategy: The massing of the proposed development is generally consistent with the urban design objectives of the CCAP and is arranged to address the site's configuration, specific constraints (proximity to the Canada Line and requirement for the City sanitary pump station replacement), urban design opportunities (corner location) and combination of uses (commercial and office). There is one full height main tower element and a lower height podium element.

Adjacencies: The relationship of the proposed development to adjacent public and private properties is assessed with the intent that negative impacts are reduced and positive ones enhanced. The proposed development is surrounded on two sides by No. 3 Road and Leslie Road, which mitigates potential impacts on both the surrounding public realm and surrounding private development. On the other two sides, the subject site abuts an adjacent commercial site and the applicant has provided conceptual drawings demonstrating its potential for future redevelopment.

Living Landscape: The CCAP looks to development to support ecological function in City Centre through the creation of an interconnected landscape system. Further review of the landscape design will occur through the Development Permit and Servicing Agreement processes and is anticipated to contribute to the ecological network, including:

- Retention of existing street trees on the No. 3 Road frontage.
- Provision of street trees on the Leslie Road frontage.
- Provision of landscaped roof area.

There are no on-site trees. On the advice of Parks Department staff, the two existing street trees in the Leslie Road frontage will be removed. A contribution of \$2,600 (2 trees x \$1,300) to the Tree Compensation Fund is required before rezoning adoption. Tree protection is required for the three existing street trees in the No. 3 Road frontage. Confirmation of a contract with an arborist and installation of tree protection fencing are required before rezoning adoption.

Greening of the Built Environment: The proposed development will be designed to achieve a sustainability level equivalent to the Canada Green Building Council LEED Silver certification.

Development Permit: Through the Development Permit Application process, the form and character of the proposed development is assessed against the expectations of the Development Permit Guidelines, City bylaws and policies. The detailed building and landscape design will be the subject of further review during the Development Permit review process, including the following features.

- Form and Character: The design will be further detailed to provide massing, height and façade expression, and active street frontages.
- Parking and Loading: A draft functional plan, showing truck manoeuvring, has been provided and will be further developed within the Development Permit process.
- Waste Management: A draft waste management plan has been submitted and will be further developed within the Development Permit process.
- Rooftop Equipment: Rooftop mechanical equipment and building mounted telecom equipment can be unsightly when viewed from the ground and from surrounding buildings. To prevent diminishment of both the architectural character and the skyline, a more detailed design strategy for rooftop equipment/enclosures is required will be reviewed within the Development Permit process.
- Crime Prevention through Environmental Design (CPTED): The City has adopted policies intended to minimize opportunities for crime and promote a sense of security. A CPTED checklist and plans demonstrating natural access, natural surveillance, defensible space and maintenance measures will be reviewed within the Development Permit process.
- Accessibility: The proposed development will be required to provide good site and building accessibility. Design implementation will be reviewed within the Development Permit and Building Permit processes.
- Sustainability: Integration of sustainability features into the site, building, and landscape design will be reviewed within the Development Permit process.

Financial Impact or Economic Impact

As a result of the proposed development, the City will take ownership of developer-contributed assets such as roadworks, waterworks, storm sewers, sanitary sewers, street lights, street trees and traffic signals. The anticipated Operating Budget Impact (OBI) for the ongoing maintenance of these assets is estimated to be \$6,000, this will be considered as part of the 2018 Operating Budget.

Conclusion

The application by Bene (No. 3) Road Development Ltd. to amend the OCP and to rezone the property at 4700 No. 3 Road in order to develop a high-density, mixed commercial and office building is consistent with City objectives as set out in the OCP, CCAP and other City policies, strategies and bylaws. The proposed office use will contribute towards addressing the need for transit-oriented office space in the City Centre. The proposed commercial uses will activate both street frontages and both uses will support future development in Aberdeen Village. The built form will provide a strong identity for the site's corner location, and public realm enhancements will improve the pedestrian experience at this high traffic location. Engineering and transportation improvements, along with voluntary contributions for Public Art, community planning, bus shelters and cash-in-lieu density bonusing, will help to address a variety of community development needs.

On this basis, it is recommended that Official Community Plan Bylaw 7100, Amendment Bylaw 9215 and Zoning Bylaw 8500, Amendment Bylaw 9216, be introduced and given first reading.



Sara Badyal
Planner 2
(604-276-4282)

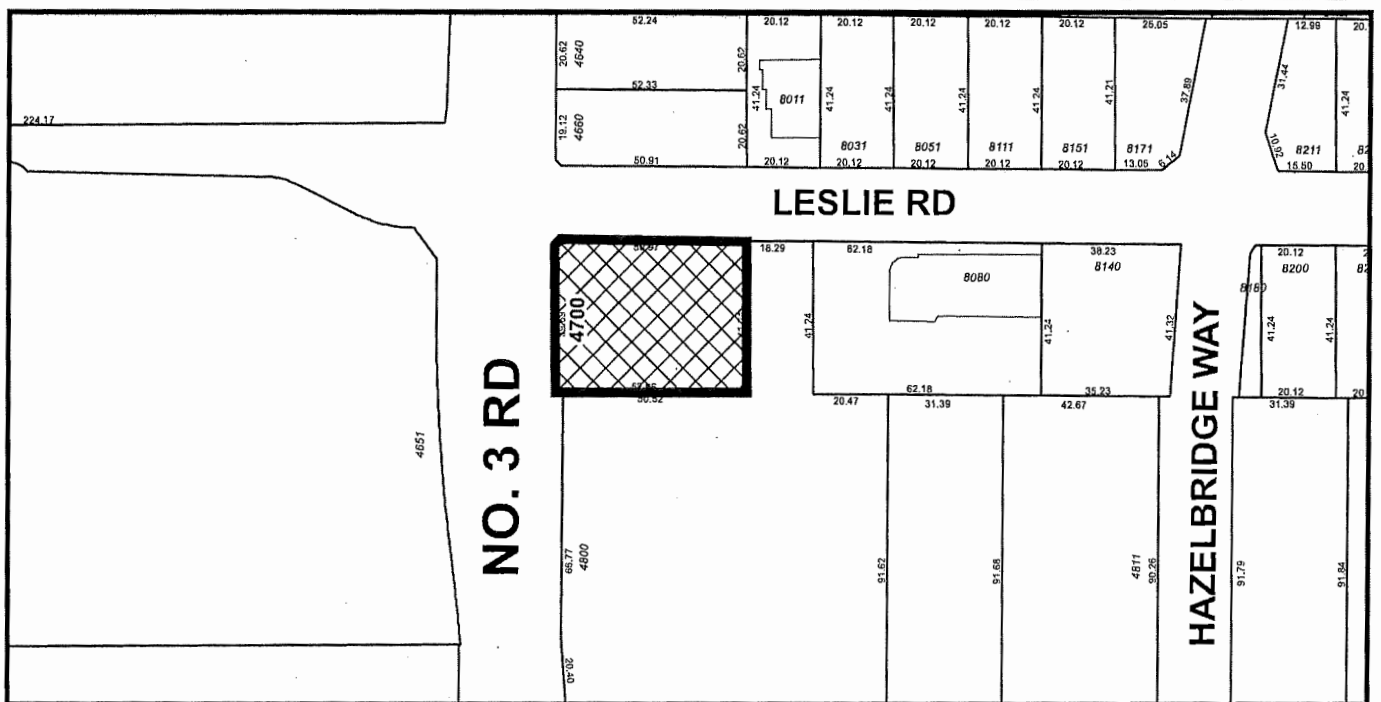
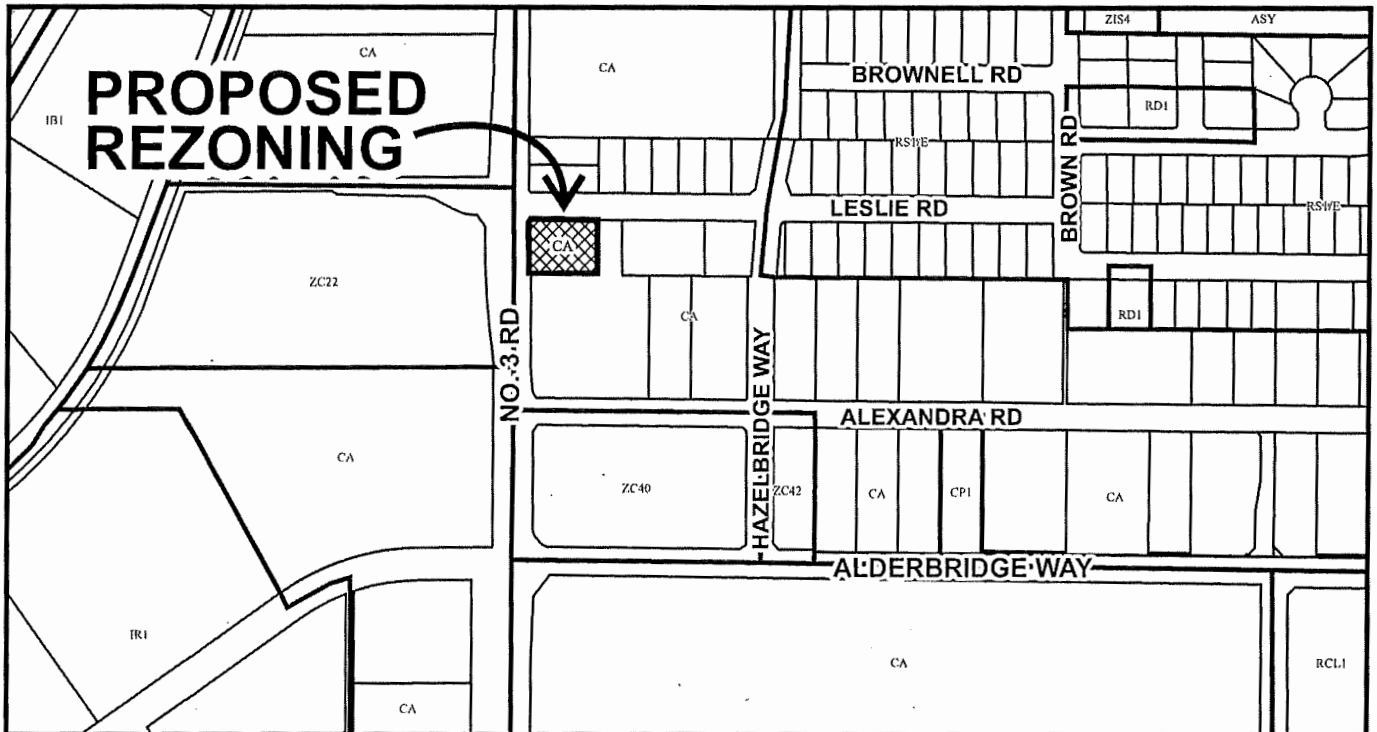
SB:blg

Attachments:

- Attachment 1: Rezoning Location Map and Aerial Photograph
- Attachment 2: Rezoning Proposal Conceptual Plans
- Attachment 3: Development Application Data
- Attachment 4: City Centre Aberdeen Village Specific Land Use Map
- Attachment 5: Rezoning Considerations



City of
Richmond



	<p>RZ 14-672055</p>	<p>Original Date: 09/15/14 Revision Date: 11/20/17 Note: Dimensions are in METRES</p>
--	----------------------------	---



City of
Richmond



RZ 14-672055

Original Date: 09/17/14

Revision Date:

Note: Dimensions are in METRES

GNCL - 145

NO.3 ROAD OFFICE BUILDING, RICHMOND B.C.

CONSULTANT TEAM

ARCHITECTURAL
 NORR ARCHITECTS PLANNERS
 SUITE 710, 1201 WEST PENDER ST
 VANCOUVER, BC V6E 2V2
 PHONE: 604.685.3237
 FAX: 604.685.3241

LANDSCAPING

SURVEY
 MATSON PECK & TOPLISS
 SURVEYORS & ENGINEERS
 #320 - 11120 HORSESHOE WAY
 RICHMOND, BC V7A 5H7
 PHONE: 604.270.9331
 FAX: 604.270.4137

TRAFFIC
 MMM GROUP LIMITED
 SUITE 700, 1045 HOWE STREET
 VANCOUVER, BC V6Z 2A9
 PHONE: 604.685.9381
 FAX: 604.683.8655

PROJECT INFORMATION

CIVIC ADDRESS:
 4700 NO. 3 ROAD RICHMOND, BC

LEGAL DESCRIPTION:
 LOT 95, SECTION 33, BLOCK 5 NORTH,
 RANGE 6 WEST, NEW WESTMINSTER
 DISTRICT PLAN 56151

PARCEL ID:
 003-795-705

CURRENT ZONING:
 AUTO-ORIENTED COMMERCIAL(CA)

PROPOSED ZONING:
 NEW STANDARD ZONING DISTRICT
 REQUIRED OCP ZONING AMENDMENT
 REQUIRED

LIST OF DRAWINGS

DP00-00-00	COVER PAGE
DP00-01-00	SITE SURVEY
DP10-01-00	CONTEXT PLAN - SITE PICTURES
DP10-01-01	PROJECT STATISTICS-3D VIEWS
DP10-02-00	SITE PLAN - EXISTING CONTEXT
DP10-02-01	SITE PLAN - AFTER CITY ROAD WIDENING
DP10-02-02	SITE PLAN - POTENTIAL FUTURE DEVELOPMENTS
DP20-01-01	GROUND FLOOR PLAN
DP20-01-01A	GROUND/INTERMEDIATE FLOOR PLAN - AREA OVERLAY
DP20-01-01B	GROUND FLOOR PLAN - LEASABLE AREA OVERLAY
DP20-01-02	INTERMEDIATE PARKADE PLAN
DP20-02-01	SECOND FLOOR PLAN
DP20-02-01A	SECOND/TRHIRD/FOURTH FLOOR PLAN - AREA OVERLAY
DP20-02-01B	SECOND FLOOR PLAN - LEASABLE AREA OVERLAY
DP20-03-01	THIRD FLOOR PLAN
DP20-04-01	FOURTH FLOOR PLAN
DP20-05-01	FIFTH FLOOR PLAN - AREA OVERLAY
DP20-05-01A	FIFTH FLOOR PLAN - LEASABLE AREA OVERLAY
DP20-05-01B	SIXTH TO TENTH FLOOR PLAN
DP20-06-01	SIXTH TO TENTH FLOOR PLAN - AREA OVERLAY
DP20-06-01A	SIXTH TO TENTH FLOOR PLAN - LEASABLE AREA OVERLAY
DP20-06-01B	ROOF PLAN
DP30-01-01	NORTH ELEVATION
DP30-01-02	EAST ELEVATION
DP30-01-03	SOUTH ELEVATION
DP30-01-04	WEST ELEVATION
DP30-01-04A	WEST ELEVATION STREETSCAPE
DP31-01-01	BUILDING SECTION
DP31-01-02	BUILDING SECTION
DP32-01-03	BUILDING SECTION

MAY 15, 2017
 NORR JOB NO. OCVA14-0004

CONCEPTUAL
 DEVELOPMENT
 PLANS

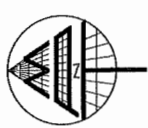
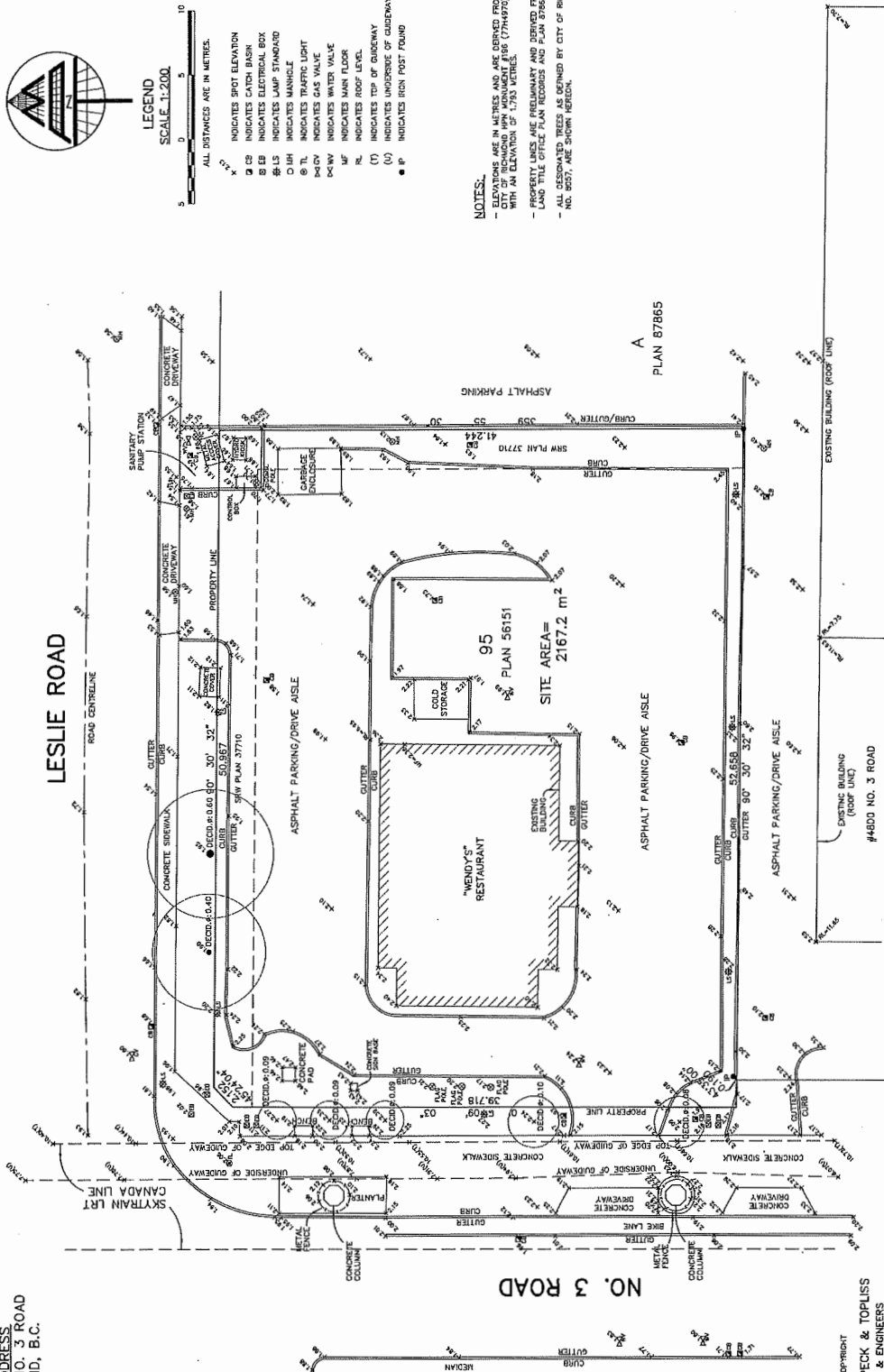


NORR Architects Planners Inc.
 1201 West Pender Street
 Suite 710 - 1201 West Pender Street
 Vancouver BC V6E 2V2
 Phone: 604.685.3237
 Fax: 604.685.3241

DP00-00-00

**SURVEY PLAN OF LOT 95 SECTION 33
BLOCK 5 NORTH RANGE 6 WEST
NEW WESTMINSTER DISTRICT PLAN 56151**

PARCEL IDENTIFIER (PID): 003-795-705
CIVIC ADDRESS
#4700 NO. 3 ROAD
RICHMOND, B.C.



SCALE 1:200

- ALL DISTANCES ARE IN METRES.
- X INDICATES SPOT ELEVATION
 - CS INDICATES CATCH BASIN
 - EB INDICATES ELECTRICAL BOX
 - LS INDICATES LAMP STANDARD
 - ML INDICATES MANHOLE
 - TL INDICATES TRAFFIC LIGHT
 - GV INDICATES GAS VALVE
 - WV INDICATES WATER VALVE
 - MF INDICATES MAIN FLOOR
 - R INDICATES ROOF LEVEL
 - (T) INDICATES TOP OF GUTTERWAY
 - (U) INDICATES UNDERSIDE OF GUTTERWAY
 - P INDICATES POLE FOUND

NOTES:

- ELEVATIONS ARE IN METRES AND ARE DERIVED FROM CITY OF RICHMOND HIGH ADJUSTMENT #166 (17/94/97) WITH AN ELEVATION OF 1.750 METRES.
- PROPERTY LINES ARE PRELIMINARY AND DERIVED FROM LAND TITLE OFFICE PLAN RECORDS AND PLAN 56151.
- ALL DISTANCES ARE SHOWN METERS.

CNCL - 147

© COPYRIGHT
MATSON PECK & TOPLISS
SURVEYORS & ENGINEERS
#520 - 1120 HORSFORD WAY
RICHMOND, B.C. V7A 5H7
TEL: 604-270-4337
FAX: 604-270-4337
CORTEL: 1751-901-TPC-000.0WG
CLIENT REF: BENE (NO. 3) DEV. LTD.

DP00-01-00

B.C.L.S.
DATE OF SURVEY: MAY 29, 2014

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-07	REISSUED FOR REVISION	
2016-04-19	REISSUED FOR COMBINED ZMAP	
2016-06-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY'S FINAL REVIEW	
2016-12-08	DP SUBMISSION	
2017-03-27	DP SUBMISSION CITY COMMENTS	
2017-05-14	DP SUBMISSION CITY COMMENTS	

North Arrow

Dead End Symbol

Consultants
 Landscape
 Mechanical
 Electrical
 Structural
 Civil

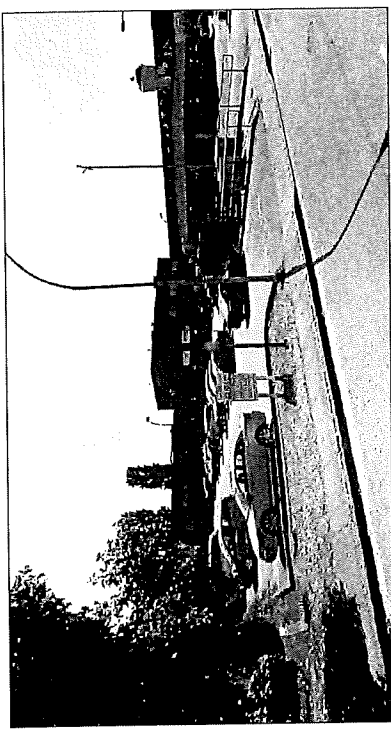
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NORR

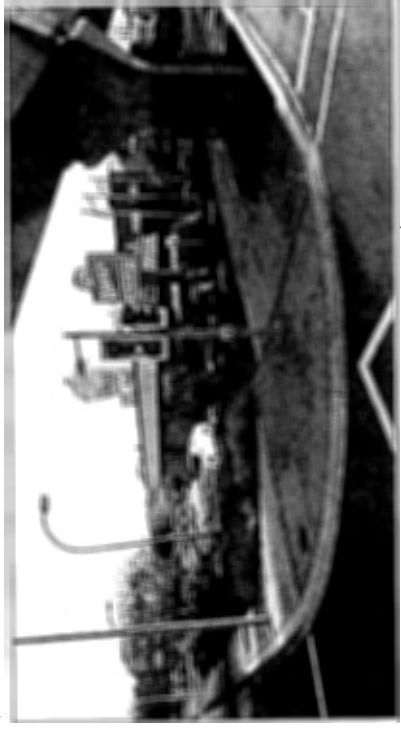
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NORR Architects, Planners, Inc.
 1111 111-11
 1111 111-11

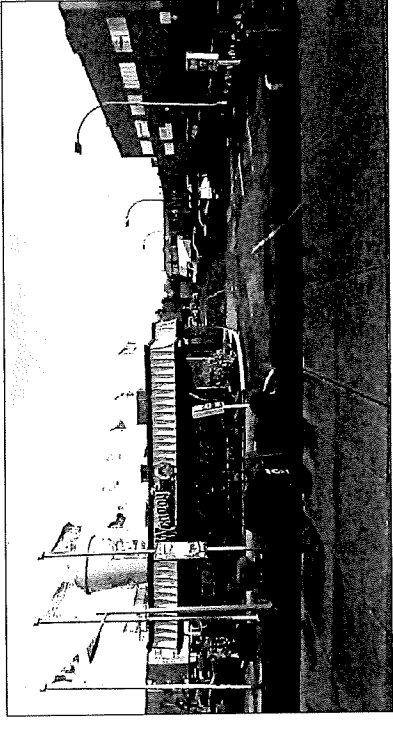
Project Manager	David
Project Engineer	David
Project Designer	David
Project Checker	David
Project Date	5/10
Client	Nanyuan International Group
Project	4700 No.3 Road Office Building
Project No.	OCVA 4-0004
Drawing No.	DP10-01-00



PICTURE 01



PICTURE 02



PICTURE 03



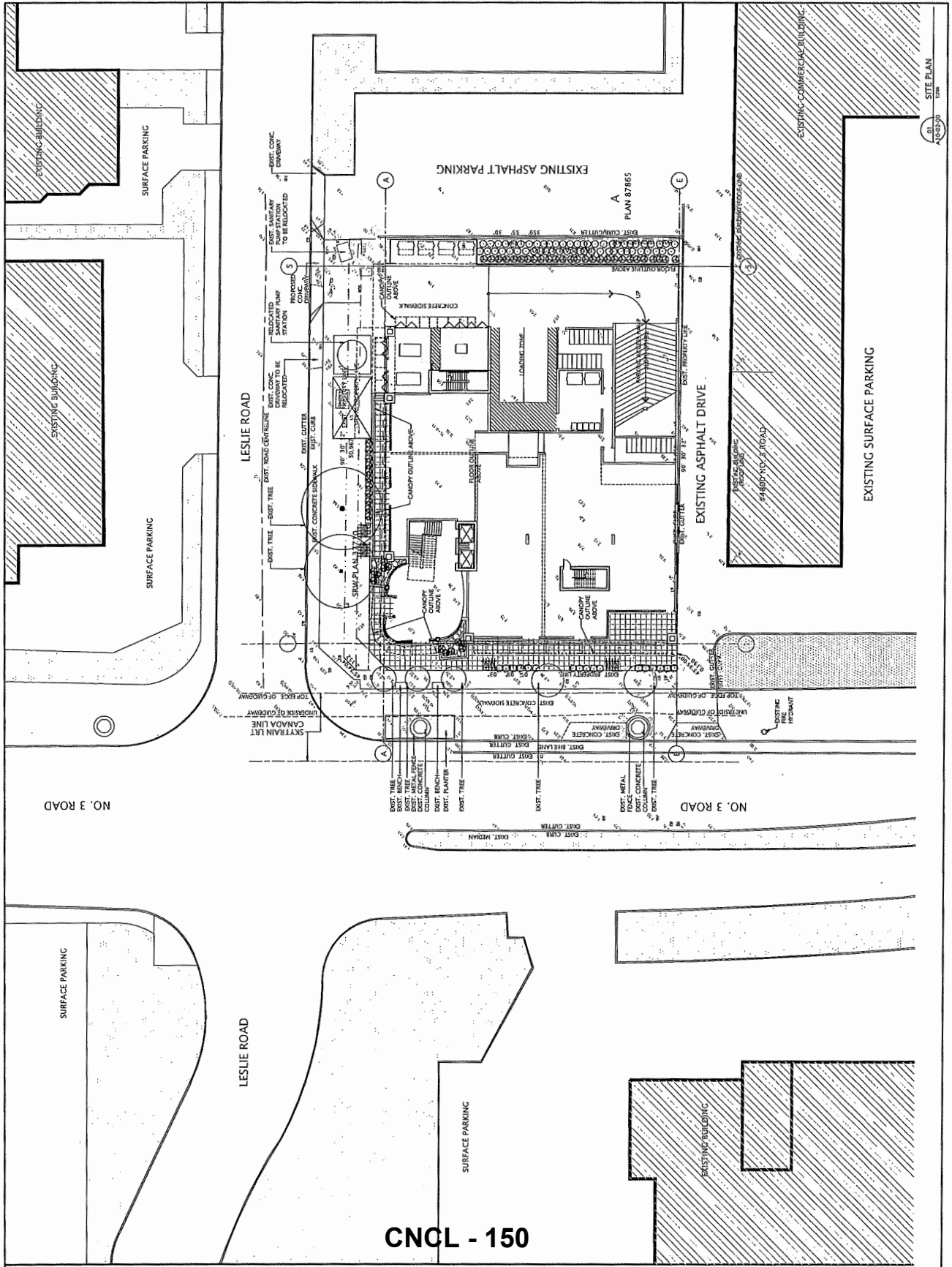
CNCL - 148

61
 100.000
 CONTEXT PLAN



PICTURE 04

CNCL - 150



DATE	ISSUED FOR	REV
2016/01/31	FOR CITY REVIEW	
2016/05/27	REVISION FOR RECORDING	
2016/06/15	REVISION FOR COMBINED 922P	
2016/06/22	FOR REVIEW	
2016/11/29	PROCESSED REVIEW	
2016/11/18	REMOVED THE CITY COMMENTS	
2016/12/28	ISSUED FOR CITY FINAL REVIEW	
2016/12/28	FOR SUBMISSION	
2017/05/27	FOR SUBMISSION-CITY COMMENTS	
2017/05/15	FOR SUBMISSION-CITY COMMENTS	

This drawing shall not be used for construction until it has been approved in writing and signed and dated by the Architect or Engineer.

North Arrow

True North

Scale: 1" = 10'-0"

Graphic symbols for materials: XX (Concrete), XXX (Asphalt)

Client: Kuyuan International Group
 Location: 4700 No. 3 Road, Office Building
 Project: CNCL - 150

NORR

NORR ARCHITECTURE PARTNERS INC.
 4700 No. 3 Road, Office Building
 Toronto, Ontario M2N 6L2
 Tel: (416) 491-1111

Project Manager	Checked
Project Lead	Checked
Design	Checked
Construction	Checked
Client	Checked

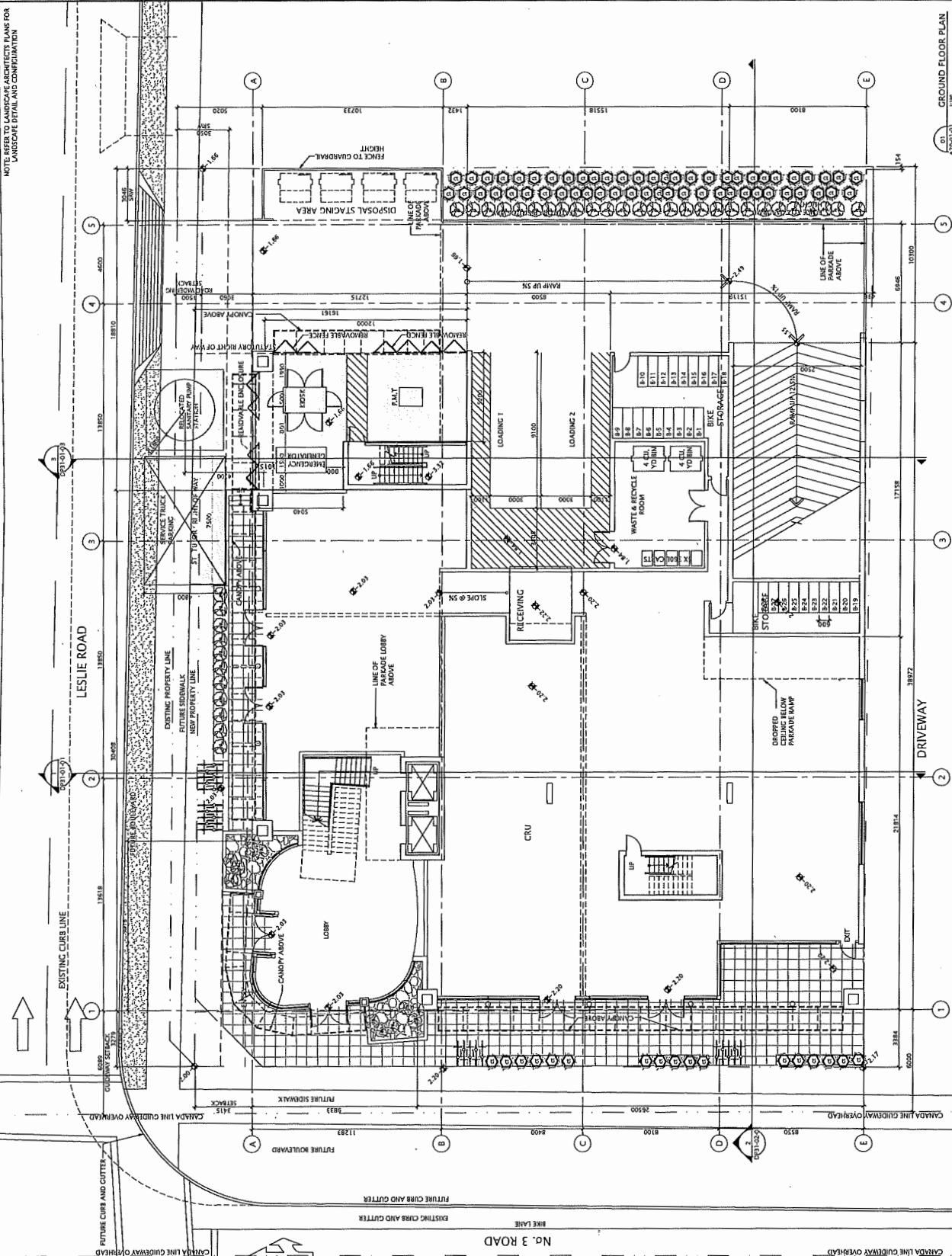
Kuyuan International Group

Project: 4700 No. 3 Road Office Building

Site Plan
 EXISTING CONTEXT



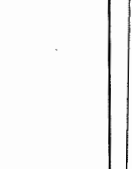
Project No.: OCVA14-0004
 Drawing No.: DPI10-02-00

CNCL - 151



NOTE: REFER TO LANDSCAPE ARCHITECTURE PLANS FOR LANDSCAPE DETAIL AND CONTINGENT

DATE	ISSUED FOR	REV
2016-01-27	FOR CITY REVIEW	
2016-03-07	REQUIRED FOR REZONING	
2016-04-19	REQUIRED FOR COMPEND ZSLP	
2016-05-02	FOR REVIEW	
2016-11-29	PROCESSED REVIEW	
2016-11-18	REMOVED FOR CITY COMMENTS	
2016-12-29	BOULD FOR CITY FINAL REVIEW	
2017-02-02	DISMISSED	
2017-05-15	DISMISSED - CITY COMMENTS	
2017-05-15	DISMISSED - CITY COMMENTS	

CONSULTANTS CIVIL Landscape Structural Electrical Mechanical	NORTH ARROW  Detail Symbol 	 NORR ARCHITECTURE & PLANNING INC. 4700 No. 3 Road Office Building Irvine, CA 92614 (949) 453-1111	Project Manager: E. K. WANG Project Leader: S. W. WANG Checked: S. W. WANG Client: Kumiyuan International Group
---	--	---	--

Project: 4700 No. 3 Road Office Building Drawing Title: GROUND FLOOR PLAN Check Scale (Imp by phone released): 0. 1/8"=1'-0" Project No.: OCVA14-0004 Drawing No.: DP20-01-01

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-07	RESUBMITTED FOR REZONING	
2016-04-19	RESUBMITTED FOR COMBINED RESUB	
2016-06-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-18	REVIEWED PER CITY COMMENTS	
2016-12-08	ISSUED FOR CITY'S FINAL REVIEW	
2017-02-07	DP SUBMISSION	
2017-02-15	DP SUBMISSION- CITY COMMENTS	
This drawing shall not be used for construction purposes until it is signed and sealed by the Architect of Engineer.		

North Arrow

Detail Symbol

XX
XX-XX
Unreferenced

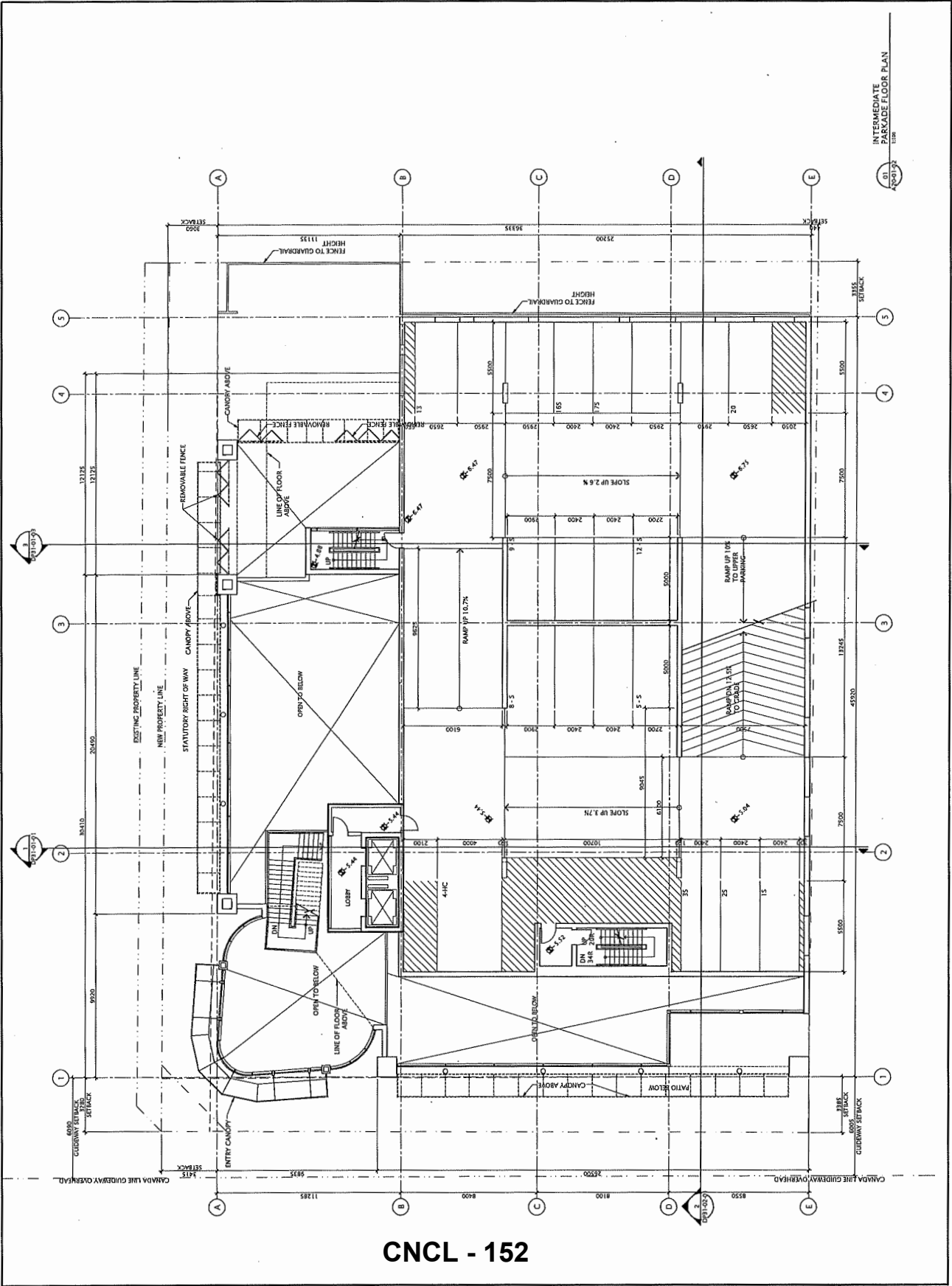
Consultance
Landscape
Structural
Mechanical
Electrical

52043

NORR

NORA Architects Planners Inc.
4700 No. 3 Road
Suite 300
Markham, Ontario L3R 0V1

Project Manager	Drawn
Project Leader	Checked
Client	S.H.O
Kuiyuan International Group	
Project	
4700 No.3 Road Office Building	
Drawing Title	
INTERMEDIATE PARKADE FLOOR PLAN	
Check Scale Limit 1/8" = 1'-0" (1:96)	Scale
Project No. OCVA14-0004	Drawing No. DP20-01-02



CNCL - 152

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-02-07	REVISOR FOR REZONING	
2016-04-19	REVISOR FOR COMBINED ZONING	
2016-05-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY'S FINAL REVIEW	
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2017-02-07	DP SUBMISSION - CITY COMMENTS	
2017-05-15	DP SUBMISSION - CITY COMMENTS	

North Arrow

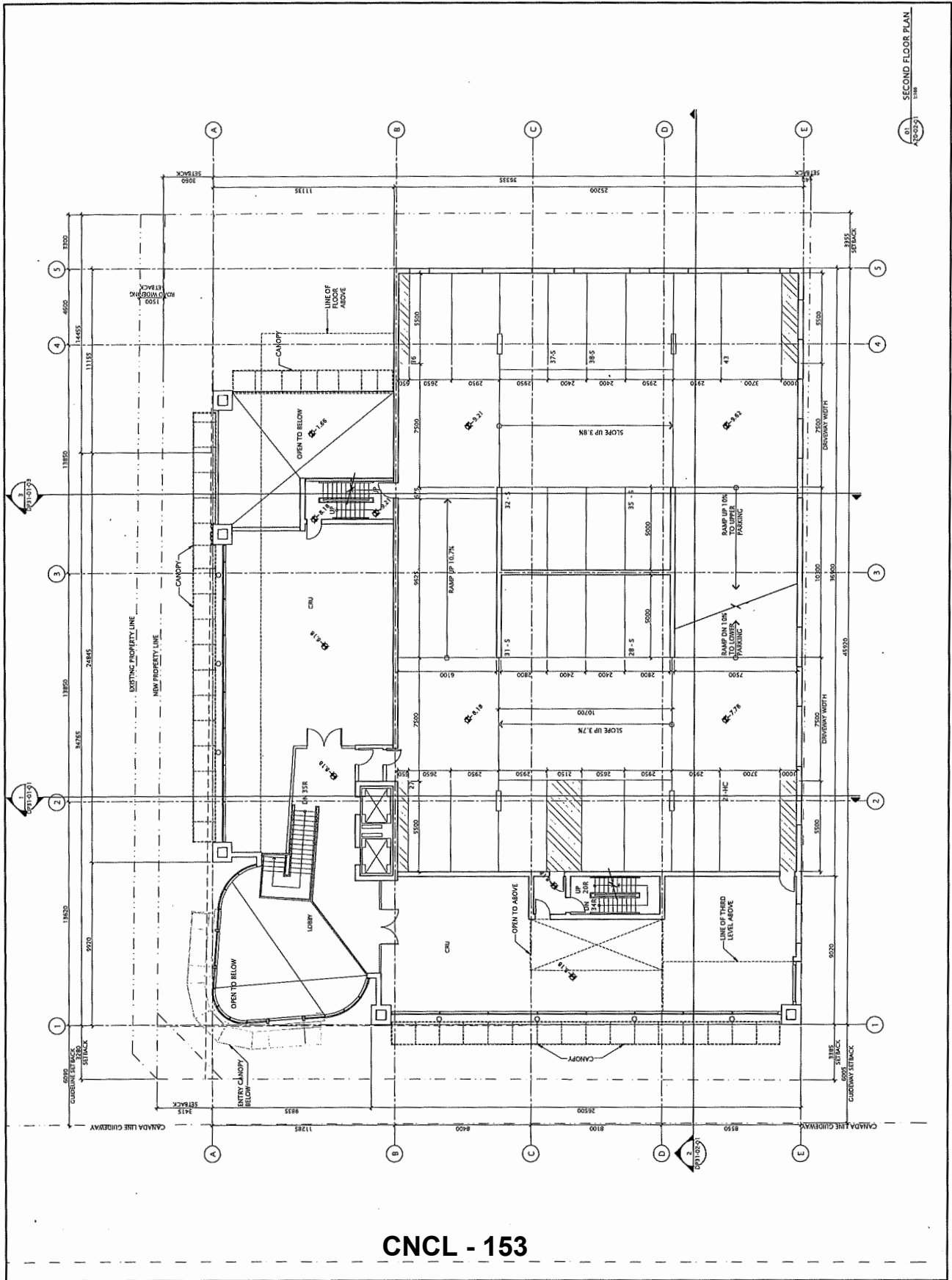
Detail Symbol

Scale

Consultants
 Landscape
 Architectural
 Mechanical
 Electrical

NORR ARCHITECT PLANNERS INC.
 4700 No. 3 Road
 Suite 100
 Mississauga, Ontario L4V 1V7
 Phone: (905) 876-1111
 Fax: (905) 876-1112
 Email: info@norr.ca

Project Manager	Charmaine
Project Architect	Charmaine
Project Leader	Charmaine
Client	Kumyuan International Group
Project	4700 No. 3 Road Office Building
Drawing Title	SECOND FLOOR PLAN
Check Scale (mm)	High 0 Medium 10mm Low 20mm
Project No.	OCVA14-0004
Drawing No.	DP2C-02-01



CNCL - 153

SECOND FLOOR PLAN
 1:50
 1:50

NOT DATE: MAY 15, 2017 TIME: 2:51 PM FILE: PATH AND REBAR: 2\OCVA14\0004\OFFICE AND 3\150-02\ARCH\02-02\DP2C-02-01.DWG PLOT STYLE TABLE: PLS-STD-100.plt

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03/03/17	FOR CITY REVIEW	2
03/03/17	FOR CITY REVIEW	3
03/03/17	FOR CITY REVIEW	4
03/03/17	FOR CITY REVIEW	5
03/03/17	FOR CITY REVIEW	6
03/03/17	FOR CITY REVIEW	7
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03/03/17	FOR CITY REVIEW	14
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03/03/17	FOR CITY REVIEW	20

North Arrow

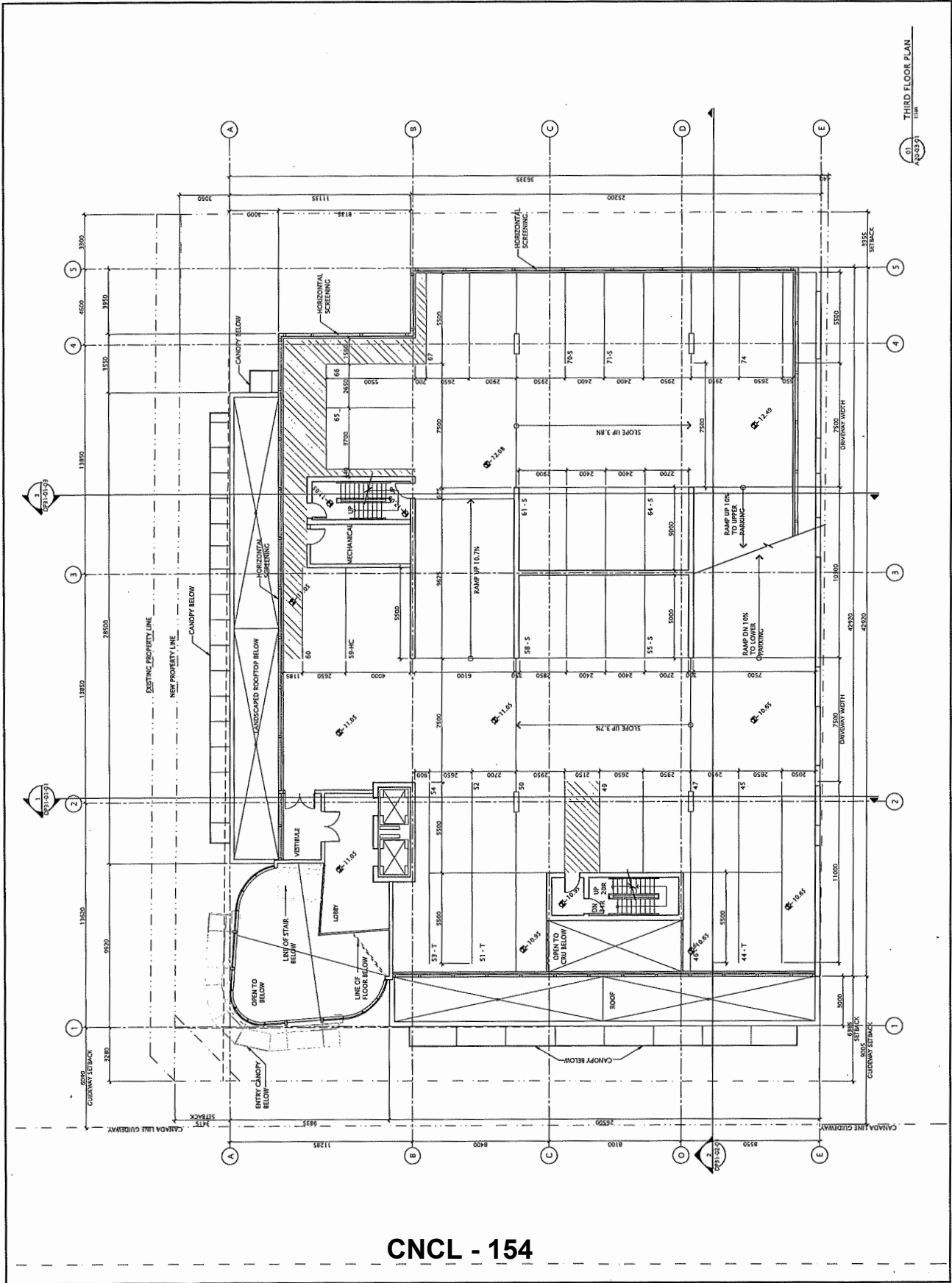
Detail Symbol

Keyplan

Consultant:
 Civil:
 Architectural:
 Structural:
 Mechanical:
 Electrical:

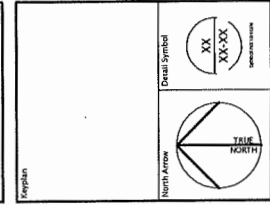
NORR ARCHITECTS PARTNERS INC.
 4700 No. 3 Road
 Office Building
 Kuyuan International Group

Project Manager	5/10	5/10/17
Project Leader	5/10	5/10/17
Client	5/10	5/10/17
Kuyuan International Group		
Project: 4700 No. 3 Road Office Building		
Drawing Title: THIRD FLOOR PLAN		
Check State time for photo reduced: 0 10mm		
Project No.: OCVA14-0004		
Drawing No.: DP20-03-01		



CNCL - 154

DATE	ISSUED FOR	REV.
2016-01-21	FOR CITY REVIEW	
2016-02-07	RE-DESIGNED FOR REZONING	
2016-04-19	RE-DESIGNED FOR COMING ZONING	
2016-06-02	FOR ENVOY	
2016-01-09	PROCESS REVIEW	
2016-11-18	ISSUED FOR CITY COMMENTS	
2016-12-28	FOR SUBMISSION	
2017-02-07	FOR SUBMISSION-CITY COMMENTS	
2017-02-15	FOR SUBMISSION-CITY COMMENTS	



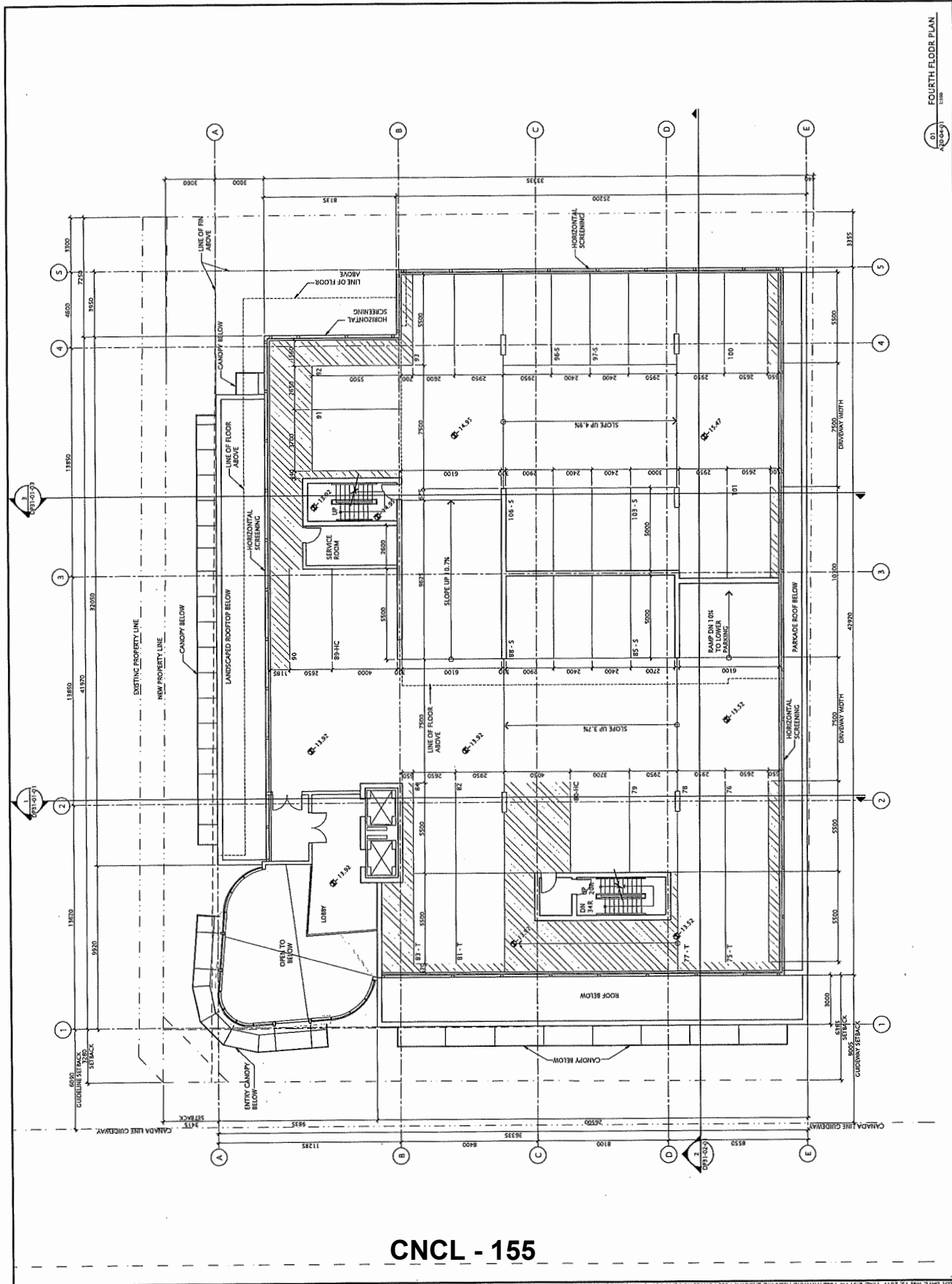
CONSULTANT:
 CIVIL:
 ARCHITECTURAL:
 MECHANICAL:
 ELECTRICAL:

NORR
 CONSULTANTS

1100 UNIVERSITY AVENUE, SUITE 100
 ANN ARBOR, MI 48106-1500
 TEL: 734.769.1000 FAX: 734.769.1001
 WWW.NORRCONSULTANTS.COM

Project Manager	Chris
Sr. Designer	Chris
Designer	Chris
Checker	Chris
Client	Kunyuan International Group

Project: 4700 No.3 Road Office Building
 Drawing Title: FOURTH FLOOR PLAN
 Client Scale may be different indicated 0, 10mm
 Project No.: DCVA14-0004
 Drawing No.: DP20-04-01



CNCL - 155

FOURTH FLOOR PLAN
 Scale

DATE	ISSUED FOR	REV
2016/01/31	POLICY REVIEW	
2016/03/27	REVISION FOR RESPONC	
2016/04/19	REVISION FOR COMBINED ROAD	
2016/06/20	FOR REVIEW	
2016/11/08	PROCESS REVIEW	
2016/11/18	REVISION FOR CITY COMMENTS	
2016/12/28	REVISION FOR CITY'S FINAL REVIEW	
2017/01/26	FOR SUBMISSION	
2017/02/07	FOR SUBMISSION - CITY COMMENTS	
2017/02/13	FOR SUBMISSION - CITY COMMENTS	

Keyplan

North Arrow

Detail Symbol

XX
XX-XX

Consultants
 Civil:
 Structural:
 Mechanical:
 Electrical:

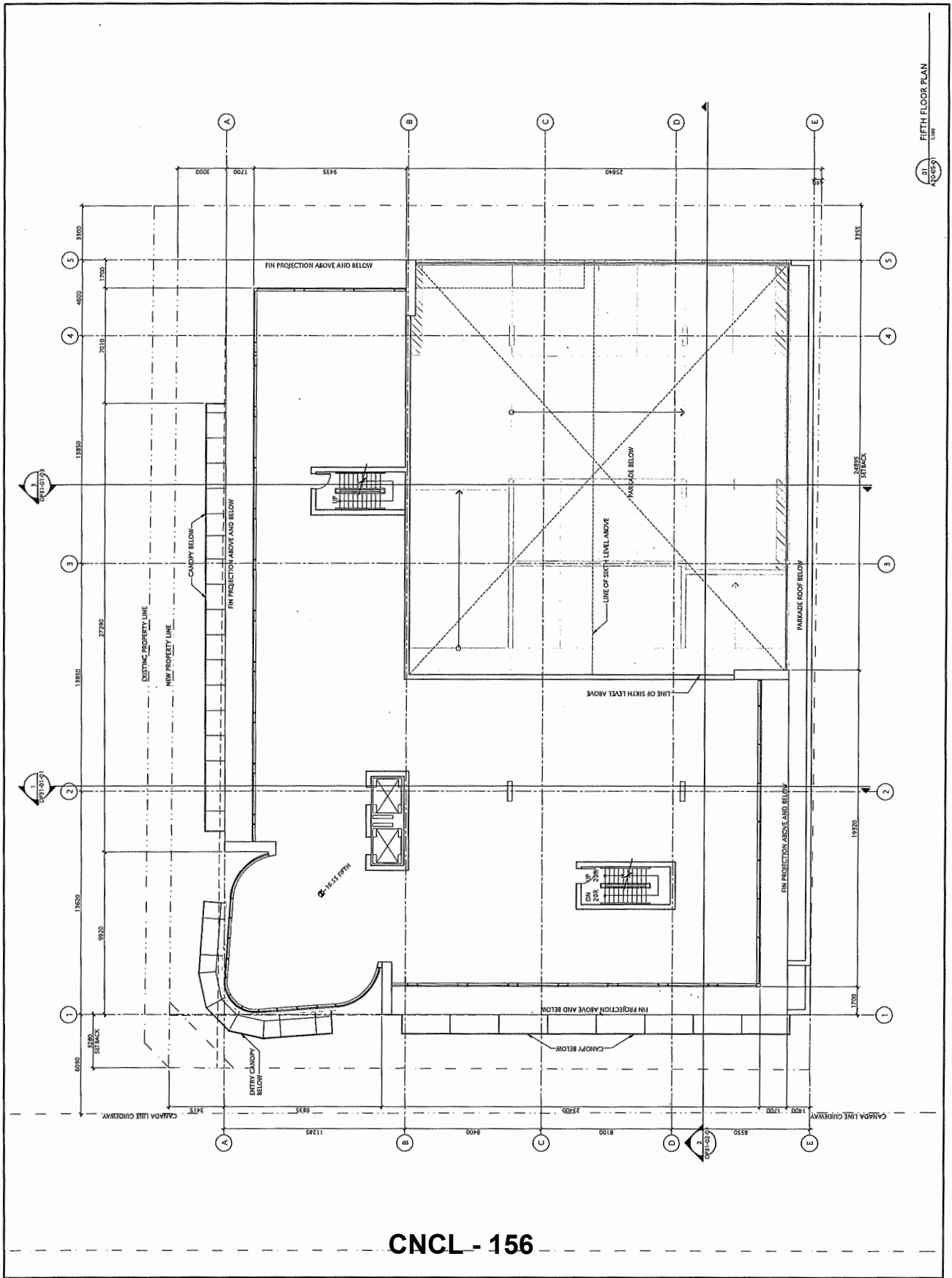
164819

NORR

01111 111-01

Professional Engineers, Planners Inc.
 1000 West Beaver Creek Road, Suite 100
 Richmond Hill, Ontario L4B 1N2
 Canada

Project Manager	Umay
Sr. Designer	S. BAZ
Project Leader	Checked
Client	15/0
Kunyuan International Group	
Project: 4700 No.3 Road Office Building	
Drawing Title: FIFTH FLOOR PLAN	
Checked (near by) scale	0, 10mm
Project No.	OCVAT-4-0004
Drawing No.	DP20-05-01



CNCL - 156

01
 FIFTH FLOOR PLAN
 1109

DATE	ISSUED FOR	REV
2016-04-19	RE ISSUED FOR COMBINED REAR	
2016-06-02	FOR REVIEW	
2016-11-09	PROCESS REVIEW	
2016-11-18	REVISED PRE-CITY COMMENTS	
2016-11-28	ISSUED FOR CITY'S FINAL REVIEW	
2016-12-08	DP SUBMISSION	
2017-02-27	DP SUBMISSION-CITY COMMENTS	
2017-03-15	DP SUBMISSION-CITY COMMENTS	
2017-05-01	DP SUBMISSION-CITY COMMENTS	
2017-05-01	DP SUBMISSION-CITY COMMENTS	
2017-05-01	DP SUBMISSION-CITY COMMENTS	

Keyplan

North Arrow

Detail Symbol

XX
XX-XX

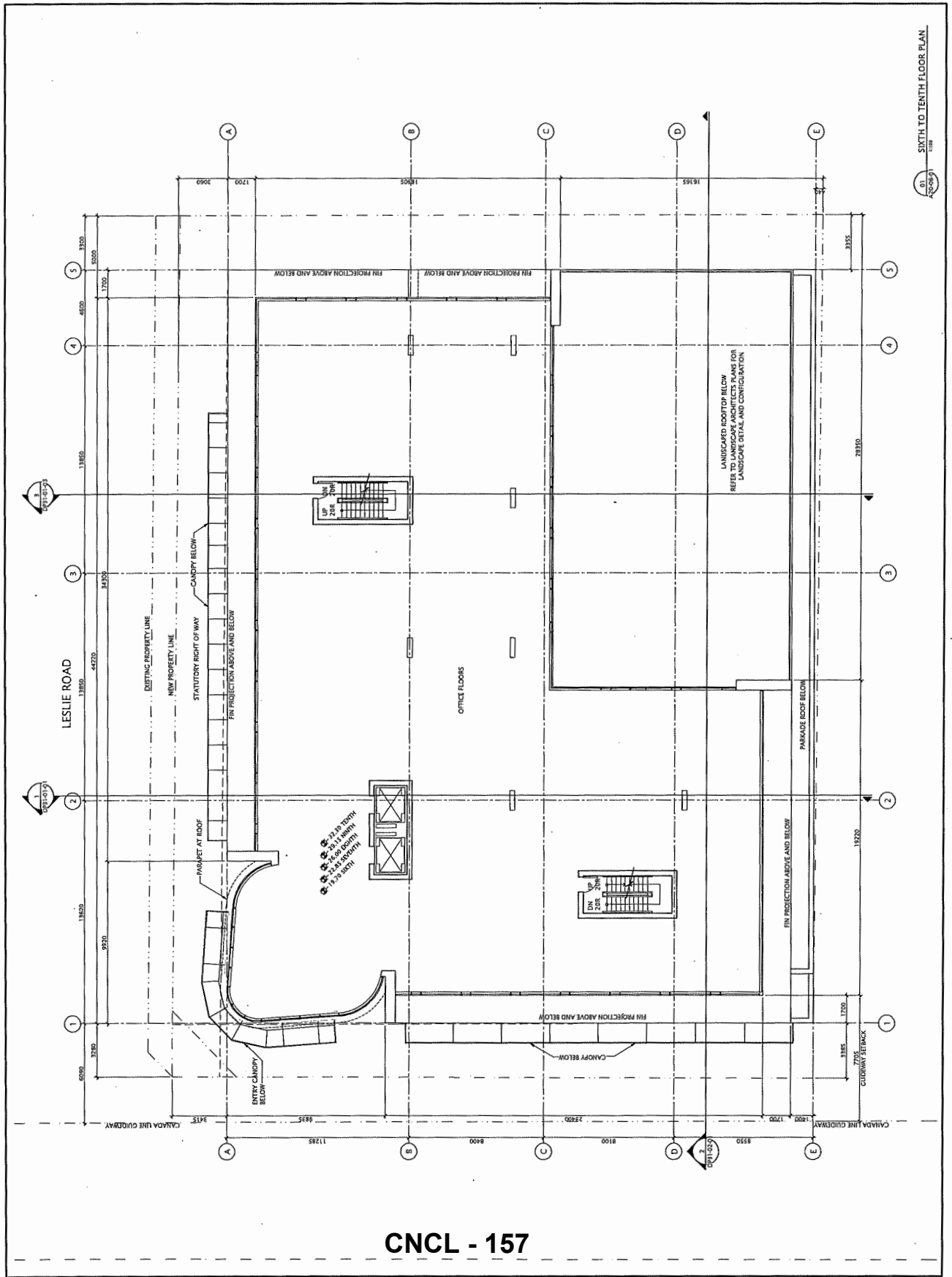
Consultants
 Landscape
 Site
 Structural
 Mechanical
 Electrical
 Fire

54483

NORR

NORR Architects & Planners Inc.
 4700 No. 3 Road
 Suite 100
 Mississauga, Ontario L4V 1V1
 Canada
 Tel: (905) 876-1111
 Fax: (905) 876-1112
 Email: info@norr.ca

Project Manager	S. B. B.
Project Leader	S. B. B.
Project Designer	S. B. B.
Project Checker	S. B. B.
Project Client	Kumayan International Group
Project	4700 No. 3 Road Office Building
Contract Title	SIXTH TO TENTH FLOOR PLAN
Client Scale (may be photo reduced)	0 - 10mm
Project No.	OCVA14-0004
Drawing No.	DP20-06-01



CNCL - 157

DATE	ISSUED FOR	REV
2016-01-31	FOR CITY REVIEW	
2016-03-07	RE-ISSUED FOR REZONING	
2016-04-19	RE-ISSUED FOR COMBINED ZLAP	
2016-06-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-16	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY FINAL REVIEW	
2016-12-08	DP SUBMISSION	
2017-02-07	DP SUBMISSION: CITY COMMENTS	
2017-05-15	DP SUBMISSION: CITY COMMENTS	

Keyplan

North Arrow

Detail Symbol

CONSULTANTS

Civil: NORR
 Architectural: NORR
 Mechanical: NORR
 Electrical: NORR

NOOR ARCHITECTS, PLANNERS INC.
 ARCHITECTS

Project Manager: [Name]
 Project Leader: [Name]
 Designer: [Name]

Client: Kunyuan International Group

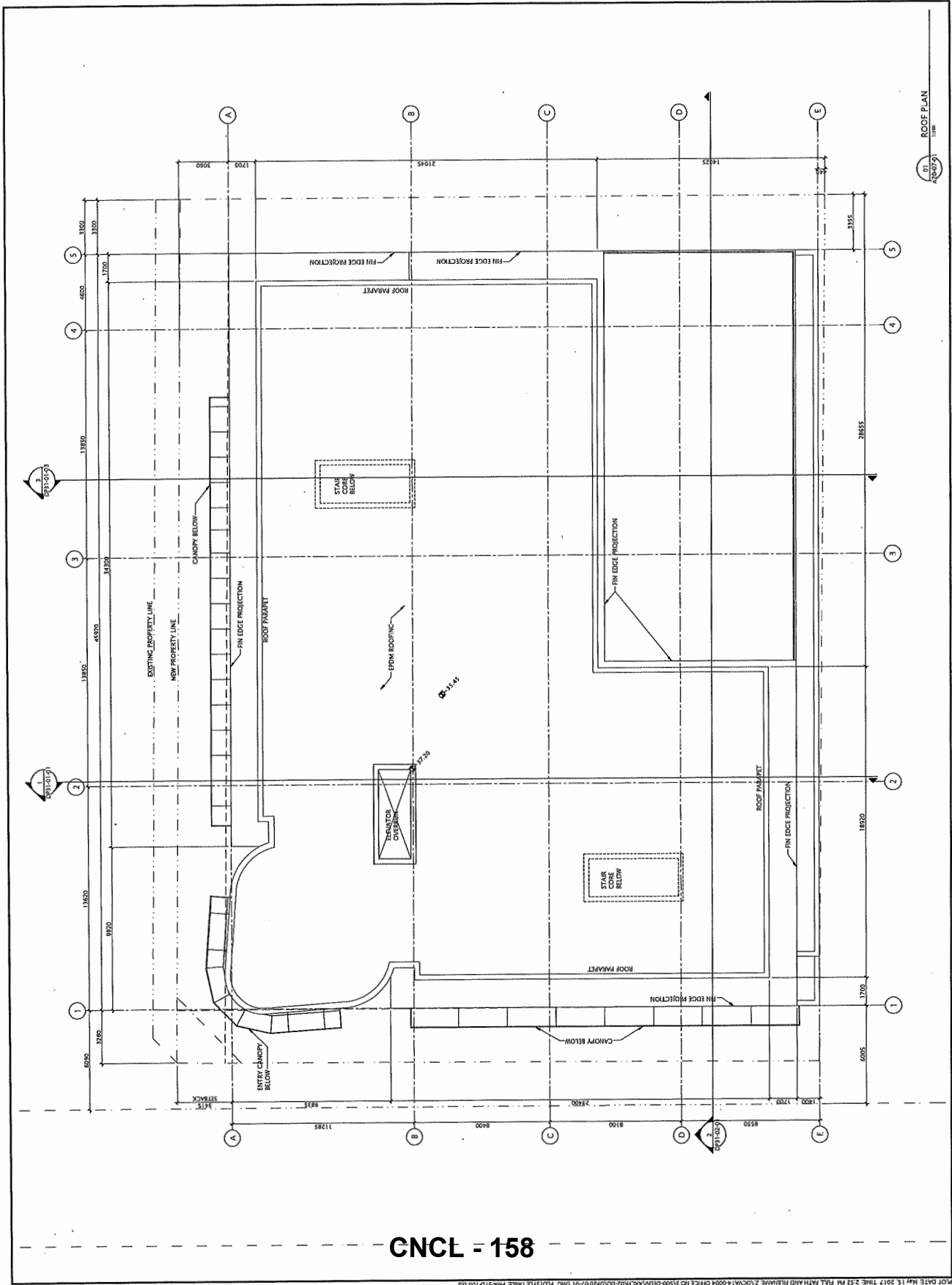
Project: 4700 No. 3 Road
 Office Building

Drawing Title: ROOF PLAN

Check: [Name]
 Date: [Date]

Project No.: CCA14-0004
 Drawing No.: DP20-07-01

Project Manager	Drawn
Project Leader	CHECKED
Designer	DATE
Kunyuan International Group	
Project: 4700 No. 3 Road	
Office Building	
Drawing Title: ROOF PLAN	
Check: [Name]	
Date: [Date]	
Project No.: CCA14-0004	
Drawing No.: DP20-07-01	



GNCL - 158

NOT DATE: MAY 15, 2017 TIME: 2:32 PM FILE: 14TH AND HUBWAY 2 (CONV) 4-0004 OFFICE NO: 3100-CEN-A-MCH-02-CO-07-01-DMS LAYOUTS TABLE: PML-STD-100.dwg

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2016-03-31	ISSUED FOR RESPONSE	
2016-04-15	ISSUED FOR COMMENTED REVISIONS	
2016-06-03	FOR REVIEW	
2016-11-20	FOR ISSUE	
2016-11-18	ISSUED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY COMMENTS	
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2017-05-15	FOR SUBMISSION	

North Arrow

Detail Symbol

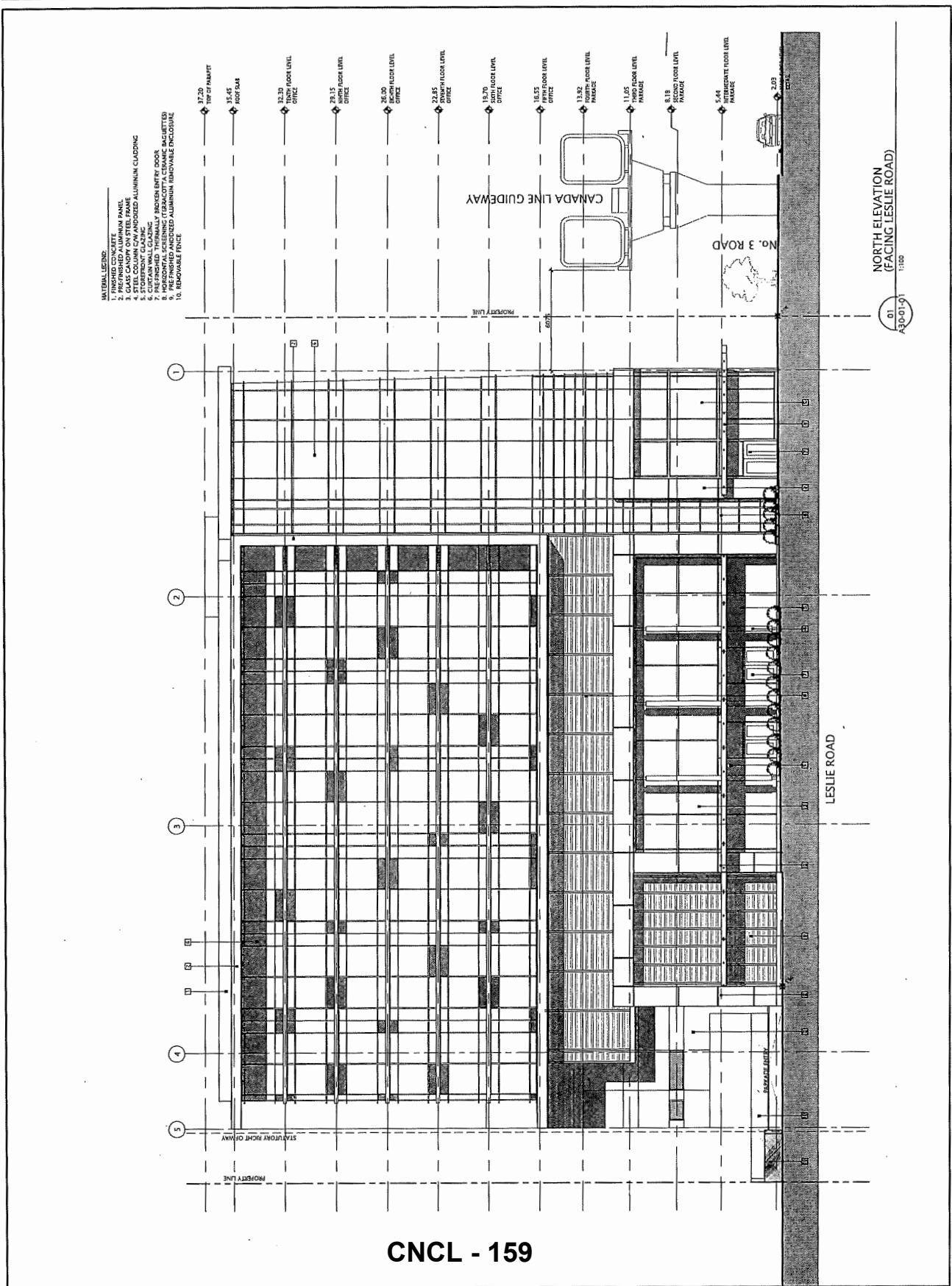
Imperial Units

Consultants
 CIVIL:
 ARCHITECTURE:
 STRUCTURAL:
 MECHANICAL:
 ELECTRICAL:

54460

NORR ARCHITECTURE PARTNERS INC.
 1000 WEST 10TH AVENUE, SUITE 100
 VANCOUVER, BC V6H 2G6
 TEL: 604.681.1111
 WWW.NORRARCHITECTURE.COM

Project Manager	Client
54460	Kunyuan International Group
Checked	Project
1/20	4700 No. 3 Road
	Office Building
	Drawing Title
	NORTH ELEVATION
	Scale
	0 10mm
	0 10mm
	Project No. OCVA14-0004
	Drawing No. DP30-01-01



CNCL - 159

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-07	REISSUED FOR REZONING	
2016-04-19	REISSUED FOR COMBINED ROAD	
2016-06-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-12-08	ISSUED FOR CITY'S FINAL REVIEW	
2016-12-08	FOR SUBMISSION	
2017-02-07	FOR SUBMISSION - CITY COMMENTS	
2017-05-15	FOR SUBMISSION - CITY COMMENTS	

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North Arrow

Detail Symbol

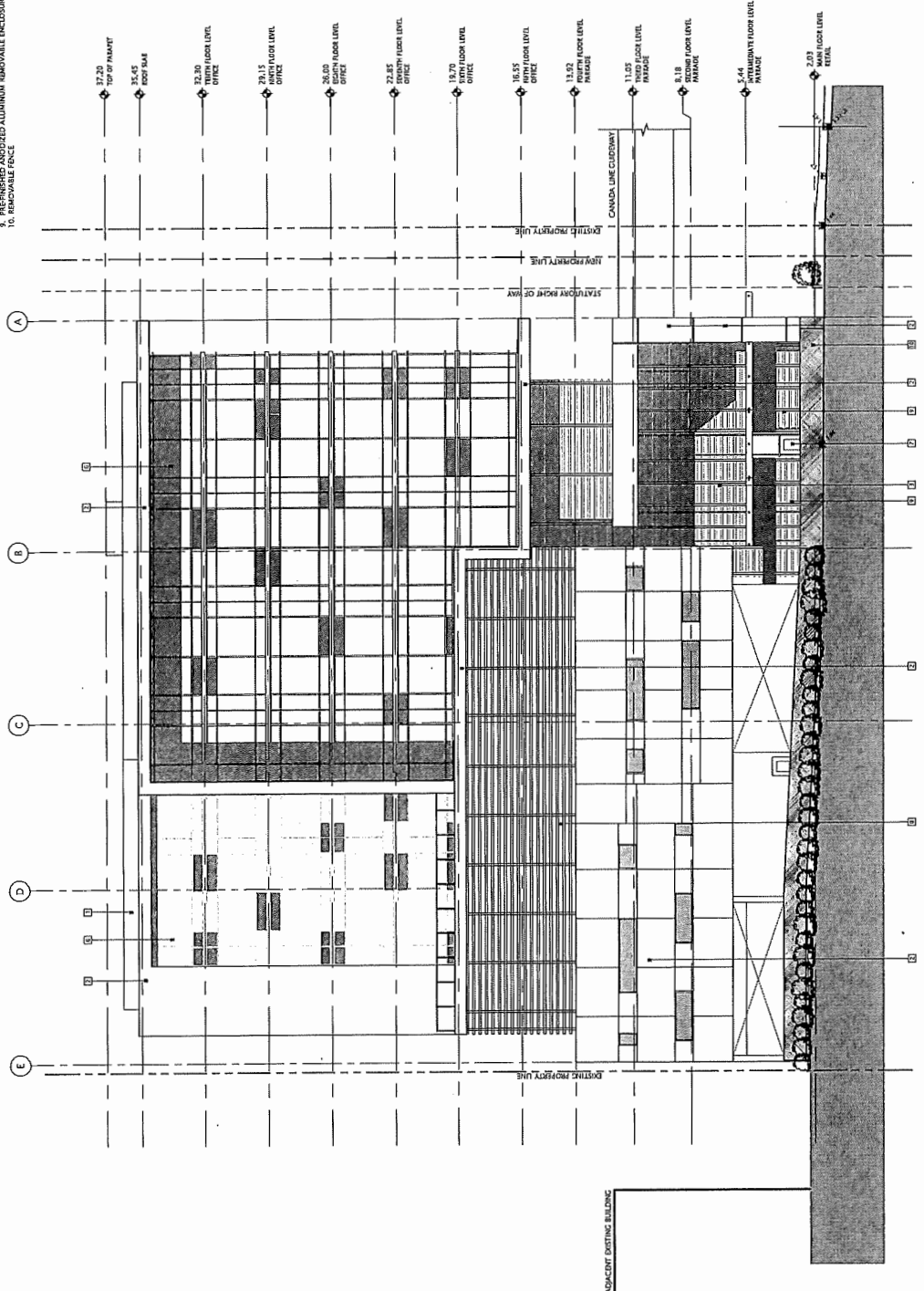
Consultants
 Civil
 Architectural
 Mechanical
 Electrical

14-000

NORR ARCHITECTS PLANNERS INC.
 ARCHITECTURAL PLANNERS
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Project Manager	Drawn
5-10	5-10
5-10	5-10
5-10	5-10
Client	Kuryuan International Group
Project	4700 No. 3 Road Office Building
Drawing Title	EAST ELEVATION
Client's Scale may be shown reduced	0 10mm
Project No.	OCV14-0004
Drawing No.	DP30-01-02

- INTERNAL LACING
1. CONCRETE
 2. PREFINISHED ALUMINUM PANEL
 3. GLASS CURTAIN WALL SYSTEM
 4. GLASS CURTAIN WALL SYSTEM ALUMINUM CLADDING
 5. STAINLESS STEEL CLADDING
 6. STAINLESS STEEL CLADDING
 7. PREFINISHED THERMALLY BROKEN ENTRY DOOR
 8. HORIZONTAL CORRUGATED THERMALLY BROKEN ENTRY DOOR
 9. HORIZONTAL CORRUGATED THERMALLY BROKEN ENTRY DOOR
 10. REMOVABLE FENCE



EAST ELEVATION
 (FACING EXISTING ADJACENT PARKING LOT)
 1:100

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-07	RE-ISSUED FOR REZONING	
2016-04-19	RE-ISSUED FOR COMBINED REZDP	
2016-05-02	FOR REVIEW	
2016-11-09	PROGRESS REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY FINAL REVIEW	
2016-12-08	FOR SUBMISSION	
2017-02-07	DP SUBMISSION - CITY COMMENTS	
2017-05-15	DP SUBMISSION - CITY COMMENTS	

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Detail Symbol

Revised version

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 Landscape
 Architectural
 Mechanical
 Electrical

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NORR Architects, Planners Inc.
 4700 No. 3 Road
 Suite 100
 Richmond, BC V6X 1K7
 Canada

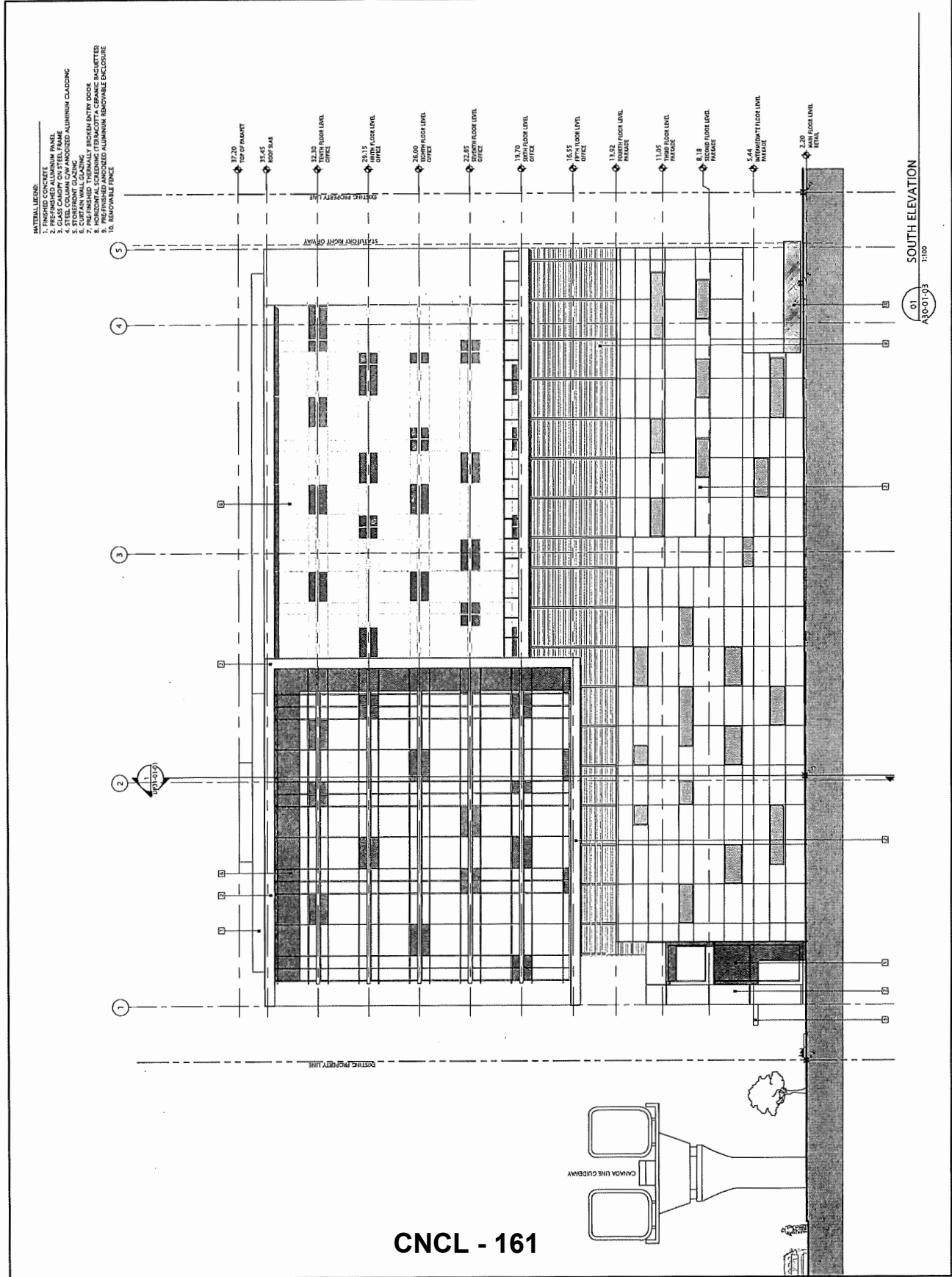
Project Manager: [Name]
 S.D. Leader
 S.D. Leader
 S.D. Leader

Client: Kuryuan International Group

Project: 4700 No. 3 Road Office Building

Drawing Title: SOUTH ELEVATION

Check Scale (mm) for photo reduced:	0	10mm
Project No.	OCY14-4-0004	
Drawing No.	DP30-01-03	



CNCL - 161

01 SOUTH ELEVATION
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DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-07	REISSUED FOR REZONING	
2016-04-19	REISSUED FOR COMBINED SLOAP	
2016-06-03	FOR REVIEW	
2016-11-09	PROCESS REVIEW	
2016-11-10	REVISED FOR CITY COMMENTS	
2016-12-08	FOR CITY'S FINAL REVIEW	
2017-02-07	DP SUBMISSION	
2017-02-13	DP SUBMISSION - CITY COMMENTS	

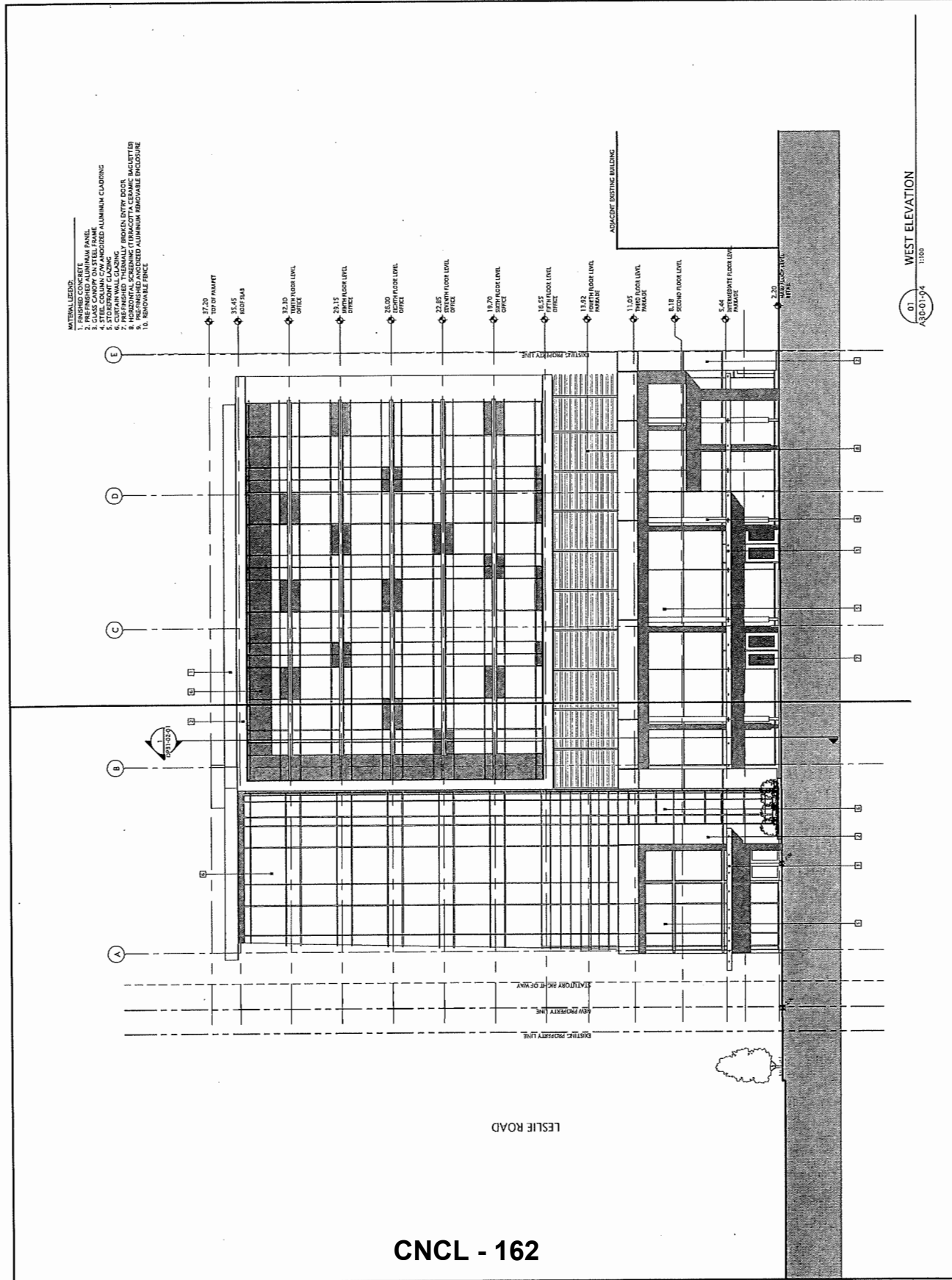
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Consultants:
 Civil:
 Architectural:
 Mechanical:
 Electrical:

North Arrow
 Detail Symbol
 XX
 XXXX
 XXXXXX

NORR
 NORR ARCHITECTS PLANNERS INC.
 ARCHITECTS PLANNERS
 1000 WEST 10TH AVENUE
 SUITE 200
 DENVER, CO 80202

Project Manager	Drawn
S.J.P.	E.B./D.J.
S.L.P.	S.P.C.
S.K.C.	S.K.C.
Client	Kunyuan International Group
Project	4700 No. 3 Road Office Building
Drawing Title	WEST ELEVATION
Check/Coll. by	g. 10gms
Project No.	OCVA14-0004
Drawing No.	DP30-01-04



DATE	ISSUED FOR	REV
2016/01/21	FOR CITY REVIEW	
2016/03/27	RE-ISSUED FOR REDLINING	
2016/04/19	RE-ISSUED FOR COMBINED RZAMP	
2016/06/02	FOR REVIEW	
2016/11/09	PROCESS REVIEW	
2016/11/18	ISSUED FOR CITY COMMENTS	
2016/12/08	FOR SUBMISSION	
2017/05/15	FOR SUBMISSION - CITY COMMENTS	
2017/05/15	FOR SUBMISSION - CITY COMMENTS	

Keyplan

North Arrow

Symbol

Consultants:
 Chief Architect: [Name]
 Architectural: [Name]
 Mechanical: [Name]
 Electrical: [Name]

Scale: 1/8" = 1'-0"

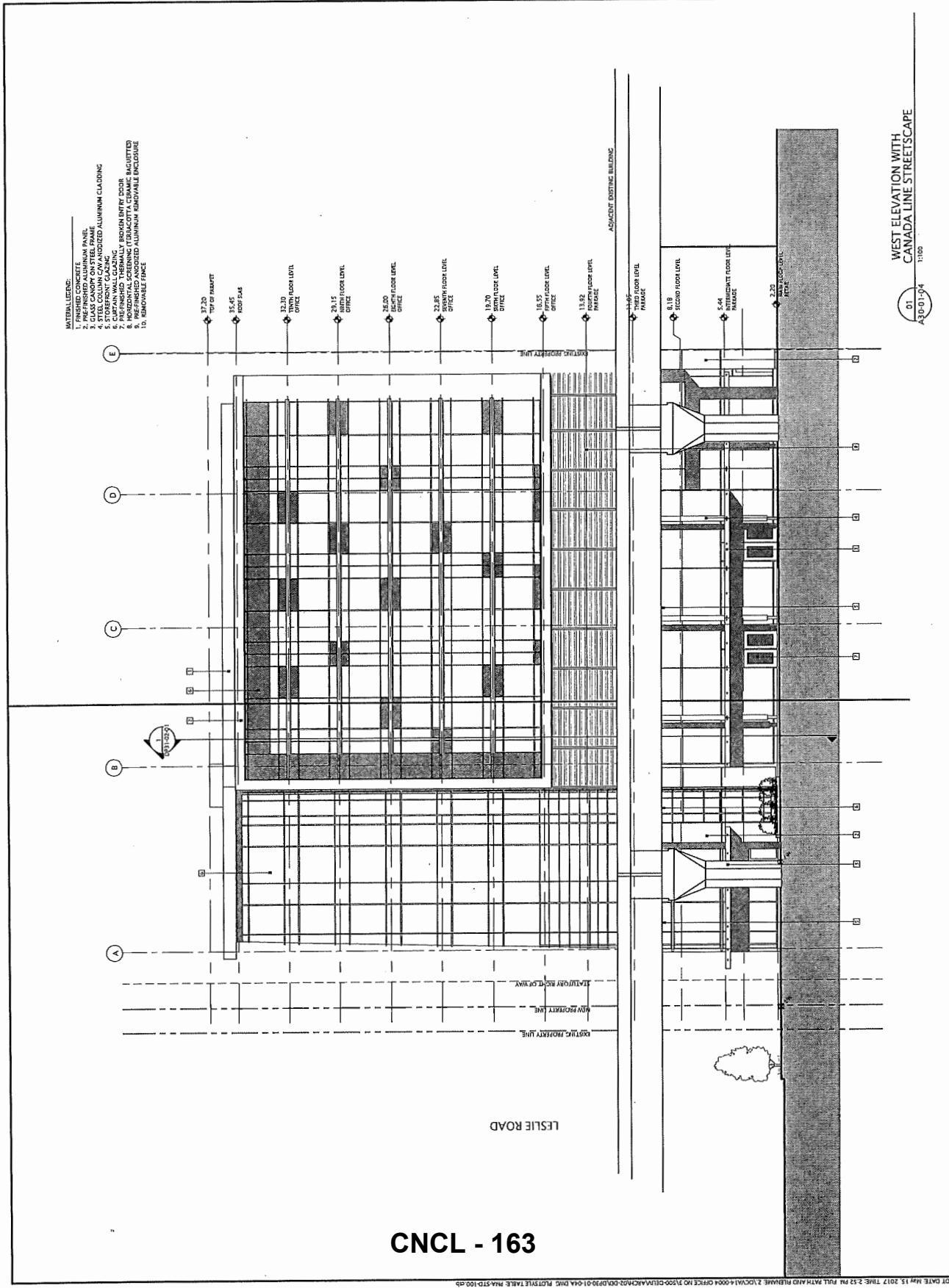
NORR

1110 - 1110

1110 Park Avenue, Toronto, ON M5S 1A5
 Tel: (416) 593-1110
 Fax: (416) 593-1111
 Website: www.norr.ca

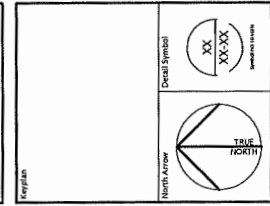
Project Manager	David S. King
Project Leader	David S. King
Client	Kunyuan International Group

Project: 1110 No. 3 Road Office Building
 Drawing Title: WEST ELEVATION
 Drawing No.: 00/01-04
 Drawing No.: DP30-01-04A



CNCL - 163

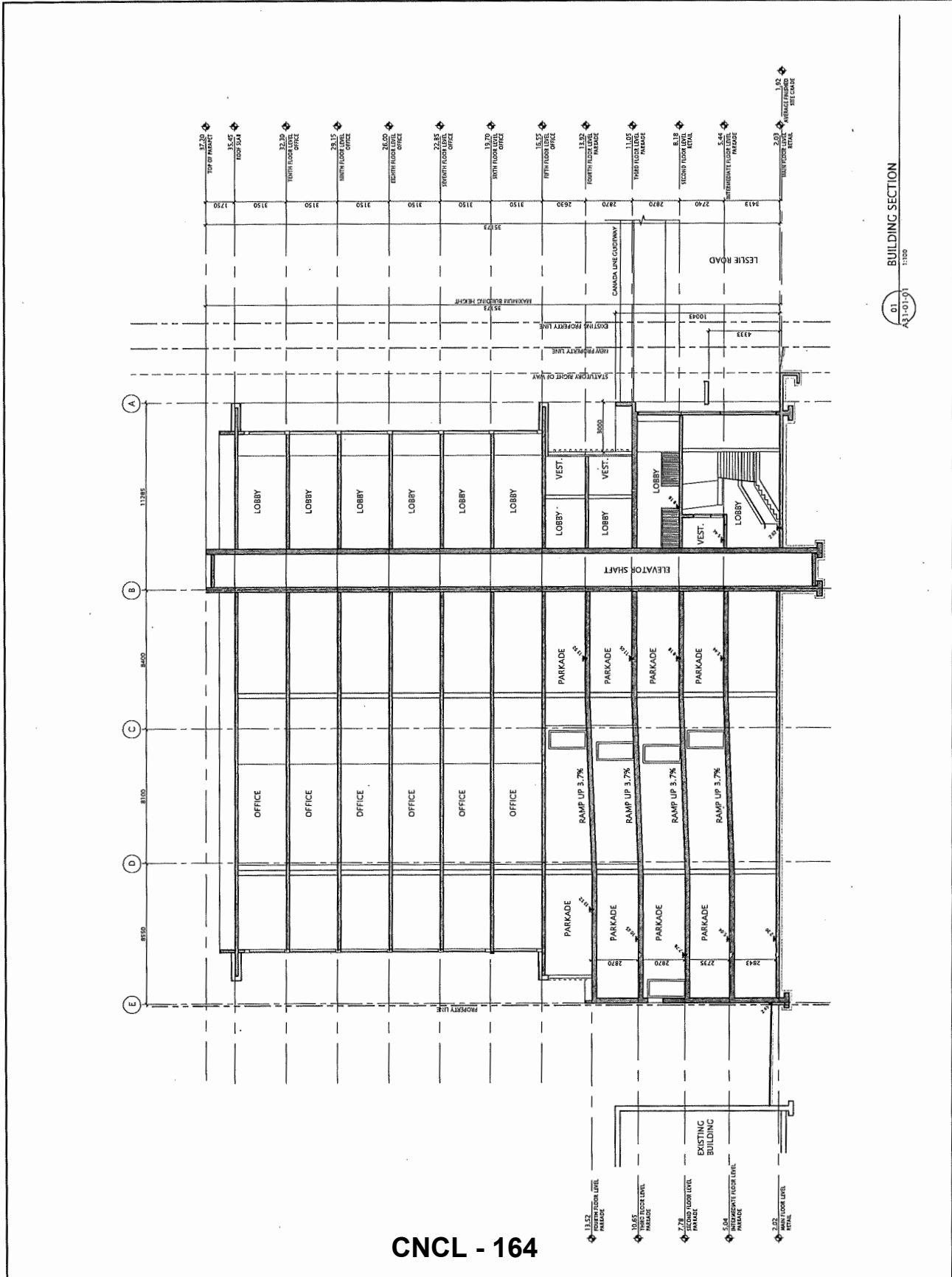
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2016-02-07	RESUBMITTED FOR REZONING	
2016-04-19	RESUBMITTED FOR COMBINED ZONING	
2016-06-02	FOR REVIEW	
2016-11-09	PROCESSES REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY'S FINAL REVIEW	
2016-12-08	CP SUBMISSION	
2017-02-07	CP SUBMISSION CITY COMMENTS	
2017-05-15	CP SUBMISSION CITY COMMENTS	



Consultants:
 Civil:
 Architectural:
 Mechanical:
 Electrical:

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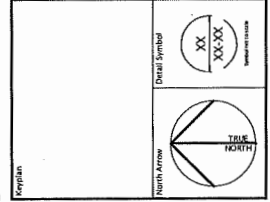
Project Manager	Drawn
Project Leader	5. (N/A)
Client	1. (N/A)
Kuryaan International Group	
Project No. 3 Road Office Building	
Drawing Title: BUILDING SECTION	
Drawing No. DP31-01-01	



01
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 BUILDING SECTION

CNCL - 164

DATE	ISSUED FOR	REV
2016-03-31	FOR CITY REVIEW	
2016-03-27	RECEIVED FOR REVIEW	
2016-04-19	RECEIVED FOR COMBINED REPORT	
2016-06-03	FOR REVIEW	
2016-11-09	PROCESSED REVIEW	
2016-11-18	ISSUED FOR CITY COMMENTS	
2016-12-08	ISSUED FOR CITY FINAL REVIEW	
2016-12-08	FOR SUBMISSION	
2017-02-07	FOR SUBMISSION - CITY COMMENTS	
2017-05-15	FOR SUBMISSION - CITY COMMENTS	

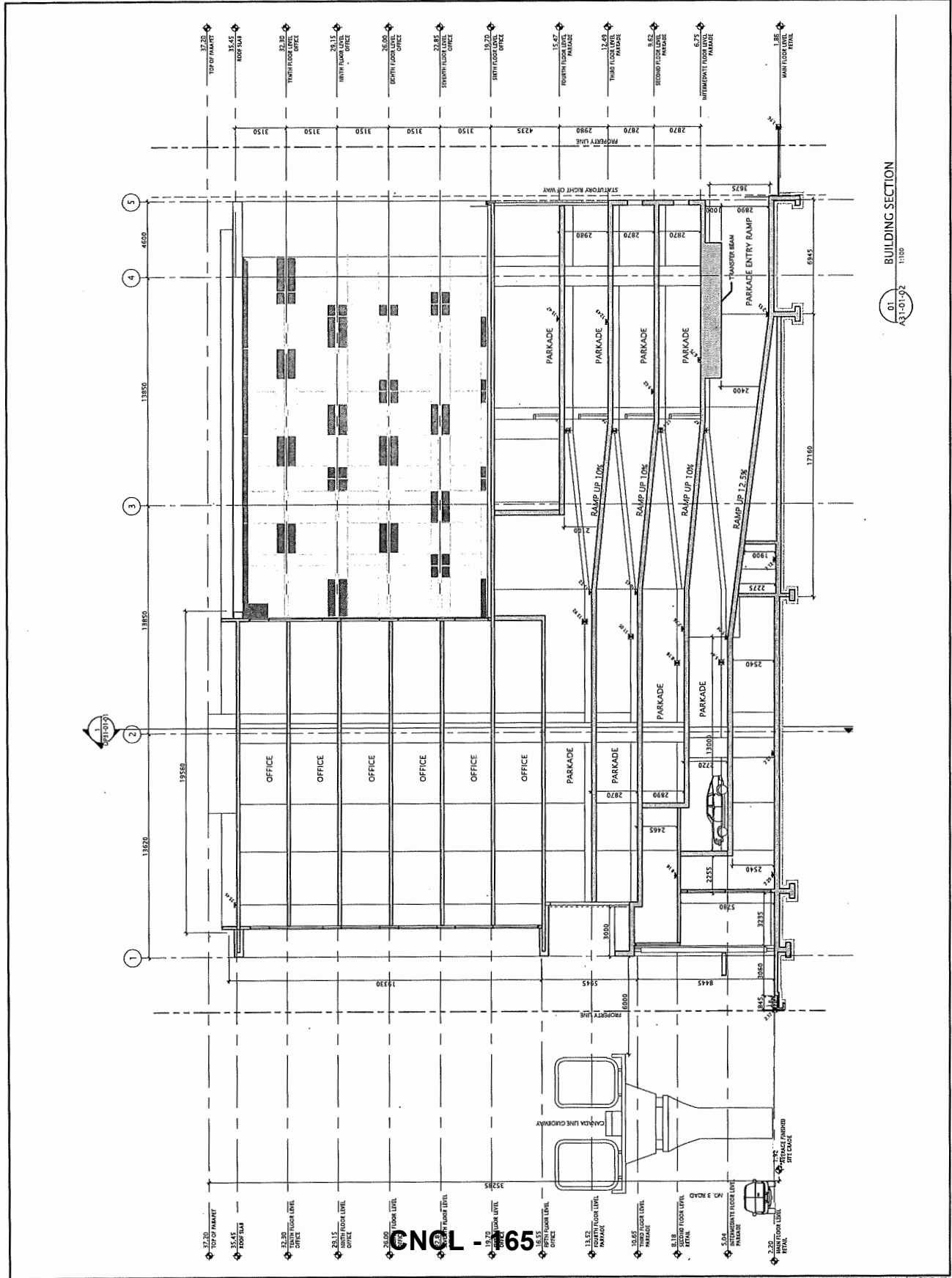


Contributors:
 Civil: [Blank]
 Mechanical: [Blank]
 Structural: [Blank]
 Electrical: [Blank]

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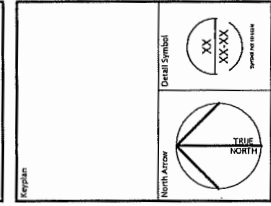
North American Resources Inc.
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Project Manager:	David S. Puz
Project Leader:	Chris Puz
Client:	Kunyuan International Group
Project:	4700 No.3 Road Office Building
Drawing Title:	BUILDING SECTION
Checked (per) by:	0. 12mm
Project No.:	OCVA14-0004
Drawing No.:	DP31-01-02

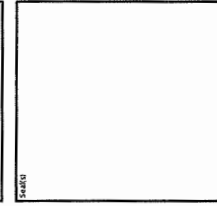


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DATE	ISSUED FOR	REV
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2016-03-07	REISSUED FOR REZONING	
2016-04-19	REISSUED FOR COMBINED RZDP	
2016-06-02	FOR REVIEW	
2016-11-09	PACKAGES REVIEW	
2016-11-18	REVISED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY'S FINAL REVIEW	
2016-12-08	FOR SUBMISSION	
2017-02-07	FOR SUBMISSION CITY COMMENTS	
2017-05-15	FOR SUBMISSION CITY COMMENTS	



Contributors:
 Client: Kuyuan International Group
 Architect: Kuyuan International Group
 Mechanical: Kuyuan International Group
 Electrical: Kuyuan International Group

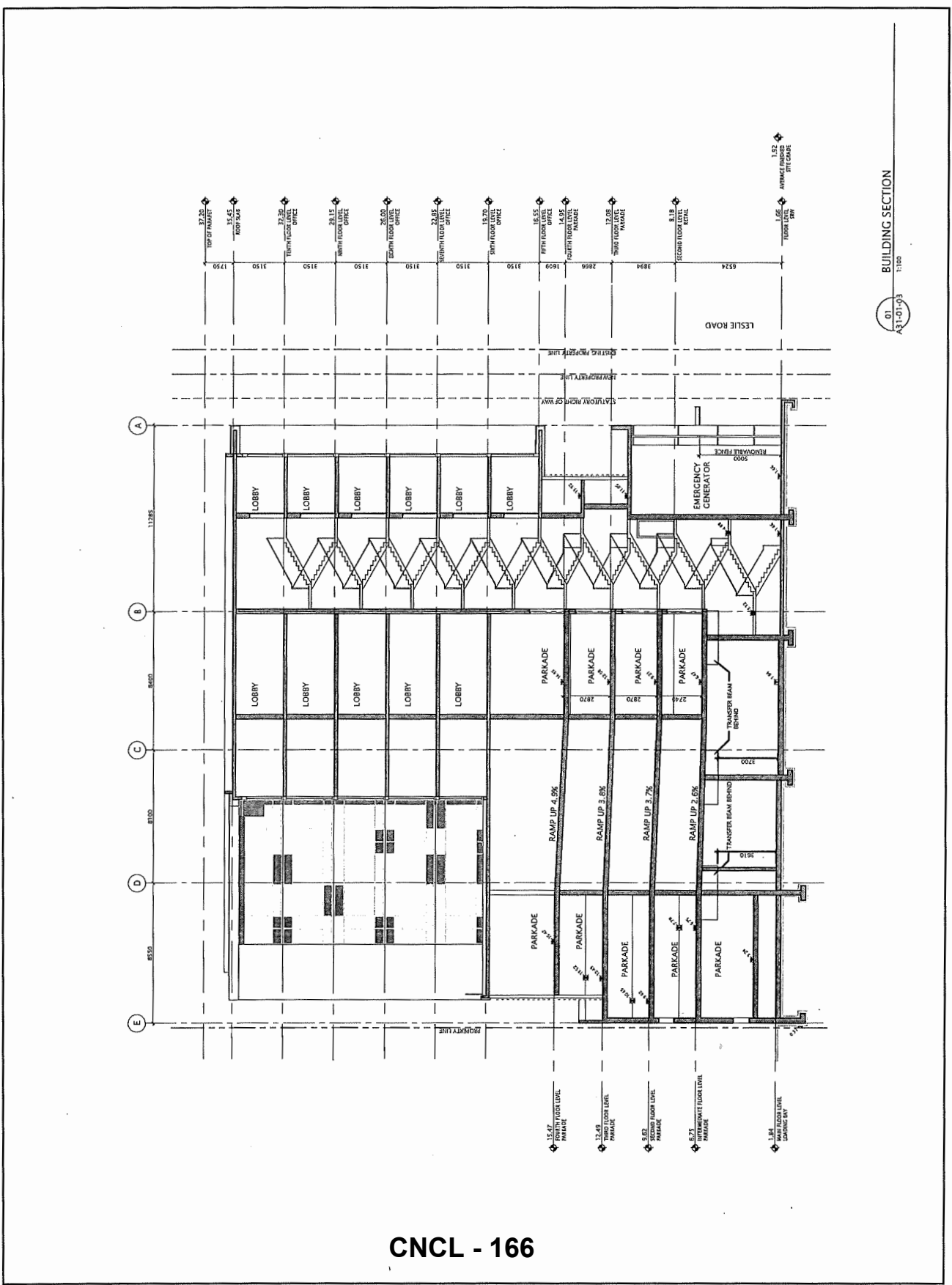


Project Manager: [Name]
 Designer: [Name]
 Checker: [Name]
 Client: Kuyuan International Group

Project:
 7700 No. 3 Road
 Office Building

Drawing Title:
BUILDING SECTION

Check Case (mm): 0
 Scale: 1:100
 Project No.: DCVA14-0004
 Drawing No.: DP31-01-03



01 BUILDING SECTION
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pmg
LANDSCAPE ARCHITECTS
Suite 1100 - 4185 58th Street Drive
Richmond, BC V6X 2C6
P: 604.276.4011 F: 604.276.4022

25/01/20

NO.	DATE	REVISION DESCRIPTION	BY
1	11/04/20	ISSUED FOR PERMIT	DR

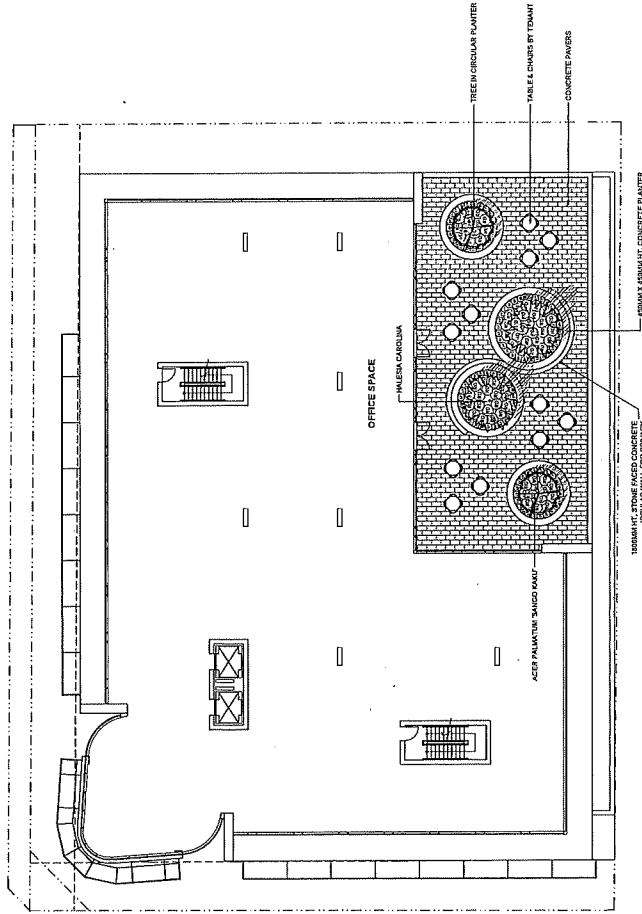
CLIENT:
KUNYUAN INTERNATIONAL GROUP

PROJECT:
OFFICE BUILDING
4700 No. 3 ROAD
RICHMOND, BC

DRAWING TITLE:
LANDSCAPE ROOF PLAN

DATE: 17 APRIL 2020 DRAWING NUMBER: L2
SCALE: 1/8" = 1'-0" DRAWN: WCY
REVISION: NONE CHECKED: WCY
NO. OF SHEETS: 2 OF 2

PROJECT NUMBER: 17-034



- (1) ACER PALMATE 'SANGO KARY
- (2) ACER PALMATE 'SANGO KARY
- (3) PALISIA CAROLINA
- (4) PALISIA CAROLINA
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- (11) PALISIA CAROLINA



Development Application (RZ)
Data Summary

RZ 14-672055	
Address:	4700 No. 3 Road
Applicant:	Bene (No. 3) Road Development Ltd.
Planning Area(s):	City Centre Area Plan – Aberdeen Village – Urban Centre T5 (35m) – VCB Overlay – DPG Sub-Area A.4
Other Areas(s):	Aircraft Noise Sensitive Use Area 1A – Flood Construction Level Area A

	Existing	Proposed
OCP Designation:	Commercial	Complies
Land Uses:	Vacant	Office/Retail Mixed Use
Zoning:	Auto-Oriented Commercial (CA)	High Rise Office Commercial (ZC44) – Aberdeen Village
Site Area (before and after dedications):	2,167.2 m ²	2,081.6 m ²
Net Development Site Area (for floor area calculation):	N/A	2,081.6 m ²
Number of Residential Units:	0	0

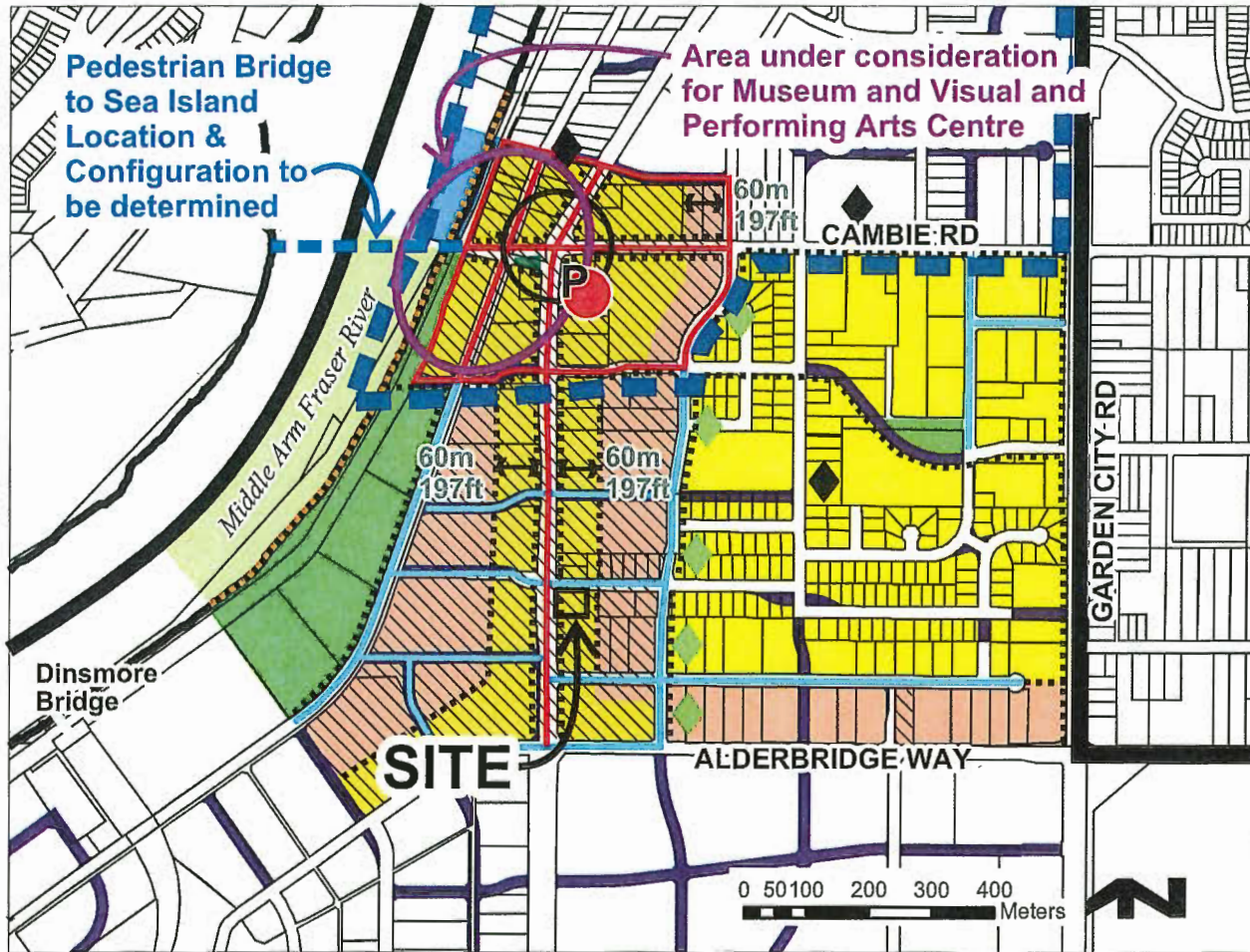
	Bylaw Requirement	Proposed	Variance
Base FAR (Max.):	2.0	2.0	
Village Centre Bonus (VCB) (Max.):	1.5	1.5	
Total FAR (Max.):	3.5	3.5	
Commercial FAR (Max.):	2.0	0.67	
Office FAR (Max.):	3.5	2.83	
Commercial (Max.):	4,163.2 m ²	1,388 m ²	
Office (Max.):	7,285.6 m ²	5,897.4 m ²	
Floor Area (Max.):	7,285.6 m ²	7,285.4 m ²	
Lot Coverage (Max.):	90 %	57 %	
Setback – No. 3 Road (Min.):	6 m	3.3 m	
Setback – Leslie Road (Min.):	3 m	3 m	
Setback – Interior Side Yard (Min.):	0 m	0 m	
Setback – Rear Yard (Min.):	0 m	3 m	
Height Dimensional (Max.):	35 m	35 m	
Height Accessory (Max.):	5 m	N/A	
Subdivision/Lot Size (Min.):	2,000 m ²	2,081.5 m ²	
Off-street Parking – City Centre Zone 1 (Min.):	101	106	See note 1

	Bylaw Requirement	Proposed	Variance
TDM Reduction (Max.):	10%	10%	
Tandem Parking Spaces (Max.):	None permitted	16	16 tandem parking spaces
Class 1 Bicycle Parking (Min.):	19	19	
Class 2 Bicycle Parking (Min.):	28	28	
Loading Space – Medium (Min.):	2	2	
Loading Space – Large (Min.):	1	0	No WB-17 loading space

General Note: All figures are based on the preliminary site survey site area and are subject to change with final survey dimensions. Further, the proposed development figures above have been modified to reflect the preliminary site survey site area and may differ slightly from the figures provided on the conceptual architectural drawings.

Note 1: Parking figures are based on the calculation methodology provided in the Transportation Study. Where base information changes (e.g. floor areas), final parking requirements will be determined using the same methodology at the time of Development Permit approval.

Specific Land Use Map: Aberdeen Village (2031)



	General Urban T4 (25m)		Non-Motorized Boating & Recreation Water Area		Proposed Streets
	Urban Centre T5 (35m)		Marina (Residential Prohibited)		Pedestrian-Oriented Retail Precincts-High Street & Linkages
	Urban Centre T5 (25m)		Village Centre Bonus		Pedestrian-Oriented Retail Precincts-Secondary Retail Streets & Linkages
	Park		Institution		Richmond Arts District
	Park-Configuration & location to be determined		Pedestrian Linkages		Canada Line Station
	Village Centre: No.3 Road & Cambie Road Intersection		Waterfront Dyke Trail		Transit Plaza



Address: 4700 No. 3 Road

File No.: RZ 14-672055

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, the developer is required to complete the following:

1. Final Adoption of OCP Amendment Bylaw 9215.
2. Road dedication of 1.5 m along the entire Leslie Road frontage and 4 m x 4 m corner cut measured from the new property lines.
3. Granting of an approximately 114 m² (1,227 ft²) statutory right-of-way (SRW) public-rights-of-passage (PROP) and utilities for the purposes of a sanitary pump station, including equipment, underground structures and pipes, and required clearances, access and working areas (see Appendix A). The right-of-way (ROW) for the pump station equipment and underground structures and pipes shall be minimum 15.8 m long, measured from the new north property line and 8.0 m wide, less a 7.4 m by 2.8 m notch for the building's stairwell at the southwest corner of the right-of-way. The right-of-way shall have minimum 5.0 m of vertical clearance above grade. Any works essential for public access and utilities within the required statutory right-of-way (SRW) are to be included in the Servicing Agreement (SA) and the maintenance & liability responsibility is to be clearly noted. The design must be prepared in accordance with City specifications & standards and the construction of the works will be inspected by the City concurrently with all other Servicing Agreement related works. Works to be secured via Servicing Agreement (see SA requirements below).
4. Registration of a flood indemnity covenant on Title (Area A).
5. Registration of an aircraft noise restrictive covenant on Title suitable for Area 1A (new aircraft noise sensitive land uses prohibited) and granting of a Statutory Right-of-Way in favour of the Airport Authority.
6. Registration of a legal agreement on Title, stipulating that the mixed use commercial/office development is subject to potential impacts due to other development that may be approved within the City Centre including without limitation, loss of views in any direction, increased shading, increased overlook and reduced privacy, increased ambient noise and increased levels of night-time ambient light, and requiring that the owner provide written notification of this through the disclosure statement to all initial purchasers, and erect signage in the initial sales centre advising purchasers of the potential for these impacts.
7. Registration of a legal agreement on Title, prohibiting subdivision (including stratification and/or air space parcels) of the office space (single owner for office space).
8. Registration of a legal agreement on Title, ensuring that no more than 16 parking spaces are provided in a tandem arrangement and are limited to employee parking use only, any pair of tandem parking spaces must be assigned to the same tenant/unit and conversion of tandem parking area into habitable space is prohibited.
9. Registration of a legal agreement on Title, ensuring that all parking spaces (except tandem parking spaces) are provided for the shared use of all tenants/units and are not permitted to be assigned to specific tenants/units. This includes four parking spaces provided with two electric vehicle quick-charge (240V) charging stations provided as a Transportation Demand Management (TDM) measure. The charging stations should be located to provide for convenient use by vehicles parked in any of the four spaces.
10. Registration of a legal agreement on Title, ensuring the loading spaces are provided for the shared use of all tenants/units and are not permitted to be assigned to specific tenants/units.
11. Registration of a legal agreement on Title, ensuring bicycle storage is provided for the shared use of all tenants/units and is not permitted to be used for habitable space (e.g., other storage uses).

12. Registration of a legal agreement on Title, stipulating that no Building Permit for all or any part of the development shall be issued until the applicant has provided the City with satisfactory written confirmation that all terms required by the South Coast British Columbia Transportation Authority (TransLink) as a condition of issuance of any Building Permit for the development have been addressed and met, including for the following items to ensure protection of transit infrastructure:
- a) Applicant to submit preload, excavation and shoring plans and associated mitigation plan for the development for TransLink's review and acceptance;
 - b) Applicant to conduct a precision survey of the existing Canada Line track geometry prior to any site preloading/construction work, undertake a settlement monitoring program (as established by a qualified geotechnical engineer) and conduct a repeat of the survey post development construction;
 - c) Applicant to submit final (detailed) design drawings of the development for TransLink's review and acceptance; and
 - d) Applicant to address TransLink's guideway protection requirement, which is TransLink's response to concerns related to trespass and debris on the guideway. The applicant and TransLink will work together to identify a suitable response. Any option that affects the public realm and/or building form and character must also be approved by the City. Options are not limited to the following:
 - Option 1: Introduction of a physical canopy. The canopy may be self-supported or fixed to the proposed building. In these scenarios, the public realm and/or building design would be affected; thereby affecting the Development Permit. The applicant would be responsible for proposing a design solution that is supported by the City and would be required to seek reconsideration by the Development Permit Panel.
 - Option 2: Registration of an agreement between the owner and TransLink to assign responsibility for intentional or unintentional damage to the guideway to the owner/strata corporation. The City is not a party to this agreement. The agreement would be a private agreement between TransLink and the owner/strata corporation.
13. Registration of a restrictive covenant and/or alternative legal agreement(s), to the satisfaction of the City, securing the owner's commitment to connect to District Energy Utility (DEU), which covenant and/or legal agreement(s) will include, at minimum, the following terms and conditions:
- a) No Building Permit will be issued for a building on the subject site unless the building is designed with the capability to connect to and be serviced by a DEU and the owner has provided an energy modelling report satisfactory to the Director of Engineering.
 - b) If a DEU is available for connection, no final building inspection permitting occupancy of a building will be granted until:
 - i) The building is connected to the DEU, which may include the owner's supplied and installed central energy plant to provide heating and cooling to the building, at no cost to the City, or the City's DEU service provider, Lulu Island Energy Company, on the subject site satisfactory to the City.
 - ii) If the City so elects, the owner transfers ownership of the central energy plant on the site, if any, at no cost to the City, or City's DEU service provider, Lulu Island Energy Company, to the City and/or the City's DEU service provider, Lulu Island Energy Company, on terms and conditions satisfactory to the City.
 - iii) The owner enters into a Service Provider Agreement with the City and/or the City's DEU service provider, Lulu Island Energy Company, on terms and conditions satisfactory to the City.
 - iv) The owner grants or acquires the Statutory Right-of-Way(s) and/or easements necessary for supplying the DEU services to the building and the operation of the central energy plant, if any, by the City and/or the City's DEU service provider, Lulu Island Energy Company.
 - c) If a DEU is not available for connection, no final building inspection permitting occupancy of a building will be granted until:
 - i) The City receives a professional engineer's certificate stating that the building has the capability to connect to and be serviced by a DEU.
 - ii) The owner enters into a covenant and/or other legal agreement to require that the building connect to a DEU when a DEU is in operation.

- iii) The owner grants or acquires the statutory right-of-way(s) and/or easements necessary for supplying DEU services to the building.
 - iv) The owner provides to the City, a Letter of Credit, in an amount satisfactory to the City, for costs associated with acquiring any further statutory right-of-way(s) and/or easement(s) and preparing and registering legal agreements and other documents required to facilitate the building connecting to a DEU when it is in operation.
14. City acceptance of the developer's voluntary contribution in the amount of \$1,456,392.94 towards City Centre Community Services facilities (e.g. \$650.00 per square foot of 5% of the 1.0 FAR village centre bonus and 10% of the additional 0.5 FAR village centre bonus). Should the contribution not be provided within one year of the application receiving third reading, the construction value multiplier (\$650 /ft²) will be adjusted annually thereafter based on the Statistics Canada "Non-residential Building Construction Price Index" yearly quarter to quarter change for Vancouver, where the change is positive.
 15. City acceptance of the developer's voluntary contribution in the amount of \$19,605.29 (i.e. \$0.25 per buildable square foot) to future City community planning studies, as set out in the City Centre Area Plan.
 16. City acceptance of the developer's voluntary contribution in the amount of \$34,505.31 (i.e. \$0.44 per buildable square foot of commercial/office space) to the City's Public Art Program.
 17. City acceptance of the developer's offer to voluntarily contribute \$50,000 towards the provision of two transit shelters at existing bus stops nearby along No. 3 Road as a Transportation Demand Management (TDM) measure.
 18. City acceptance of the developer's offer to voluntarily contribute \$2,600 to the City's Tree Compensation Fund for the planting of replacement trees within the City in compensation for the removal of two street trees along the Leslie Road frontage.
 19. Submission of a Contract entered into between the applicant and a Certified Arborist for supervision of any on-site works conducted within the tree protection zone of trees to be retained along No. 3 Road. The Contract should include the scope of work to be undertaken, including: the proposed number of site monitoring inspections, and a provision for the Arborist to submit a post-construction assessment report to the City for review.
 20. Installation of appropriate tree protection fencing around all trees to be retained as part of the development prior to any construction activities; including building demolition, occurring on-site.
 21. The submission and processing of a Development Permit* completed to a level deemed acceptable by the Director of Development.
 22. Enter into a Servicing Agreement* for the design and construction of road and infrastructure works. Works include, but may not be limited to:
 - a) Road Works:

Note: Leslie Road works are on the Roads DCC program and would be eligible for Roads DCC credits.

 - i. Leslie Road frontage improvements (measured from north to south):
 - Maintain existing centre line and widen road southward to provide a total driving surface of (minimum) 7.4 m wide for eastbound traffic, east of No. 3 Road, and new 0.15 m wide curb and gutter.
 - New 1.5 m wide boulevard planted with grass and street trees.
 - New 2.0 m wide concrete sidewalk.
 - ii. No. 3 Road frontage improvements:
 - Remove existing driveway letdown.
 - iii. Traffic Signal improvements:
 - Upgrade the existing traffic signal at the No. 3 Road/Leslie Road intersection to accommodate the road widening noted above to include, but not limited to: upgrade and/or replace signal pole, controller, base and hardware, pole base, detection, conduits (electrical & communications), signal indications, communications cable, electrical wiring, service conductors, APS (Accessible Pedestrian Signals) and illuminated street name sign(s) as necessary.
 - b) Water Works:

Using the OCP Model, there is 169.7 L/s of water available at a 20 psi residual at the Leslie Road frontage. Based on your proposed development, your site requires a minimum fire flow of 200 L/s.

Initial: _____

- i. The Developer is required to:
 - Upgrade the watermain along Leslie Road from 150 mm to 300 mm from approximately the developments east property line to the existing 300 mm watermain on No. 3 Rd, complete with additional hydrants to achieve City spacing requirements.
 - ii. Developer's cost, the City is to:
 - Cut and cap the existing water service connection at the watermain along No. 3 Road frontage, and complete all water main tie-ins.
- c) Storm Sewer Works:
- i. The Developer is required to:
 - Install a new 750 mm storm sewer within the centre of the road from the developments east property line tying into the No. 3 Road box culvert and remove the existing adjacent sewer. Tie-in to the existing storm sewer to the east is required. Tie-in all existing storm service connections and catch-basin leads to the new main.
 - Cut and cap the existing storm service connections along the No. 3 Road frontage. The northern connection shall be capped at main and its inspection chamber removed, the southern connection shall be capped at inspection chamber.
 - Provide, at no cost to the City, a 1.5 m wide SRW (perpendicular to No. 3 Road) at the southwest corner of the development site, extending 1.0 m past the existing inspection chamber.
 - Install a new storm service connection, complete with inspection chamber, off of the proposed 750 mm storm sewer along the Leslie Road frontage.
 - ii. At Developer's cost, the City is to:
 - Complete all tie-ins of the proposed works to existing City infrastructure.
- d) Sanitary Sewer Works:
- i. The Developer has requested to place a driveway entrance in the same alignment as the existing sanitary pump station; to achieve this, the Developer has agreed to relocate/replace the pump station through the Servicing Agreement works. The City will pay for the sanitary pump station and force main design and construction; however, costs incurred above and beyond a regular pump station replacement project will be the Developer's responsibility (e.g. the need to extend gravity pipework to accommodate the development's driveway access and the need to remove sections of gravity sewer and forcemain).
 - ii. The decommissioning of the existing pump station and construction of the new pump station and all associated sanitary sewer realignments shall be complete prior to driveway construction.
 - iii. The Developer is required to provide the following at the City's cost:
 - Design and build the sanitary pump station through the Servicing Agreement to meet location specific engineering specifications. The location will be generally as per the attached sketch and will be finalized through the Servicing Agreement process.
 - Design and build the required pump station kiosk, BC Hydro PMT, and back-up generator, and locate them such that they meet operational requirements and are appropriate for the streetscape.
 - Design and build the required valve chamber; complete with flow meter and related appurtenances for the pump station and access chambers for the forcemain for maintenance purposes.
 - In conjunction with the pump station works, replace the existing 350 mm sanitary forcemain from the proposed pump station into and across the No. 3 Road/Leslie Road intersection (approximately 62 m) into the Leslie Road travel lane. If the forcemain is damaged by site preparation or construction works, the replacement of the forcemain into the Leslie Road travel lane shall be at the Developer's cost.
 - iv. The Developer is required to provide the following at the Developer's cost:
 - Design the proposed development to accommodate future sanitary sewer maintenance or replacement without causing undue cost to the City. Building designs should consider how temporary access will be provided during future construction works.

- Provide a clear and competitive tendering process to ensure that the work paid for by the City represents good value for money. This process must be agreed to by the City prior to tendering or else the City may not be able to fund the works.
- Provide right-of-way(s) for the pump station and related structures, to be refined through the Servicing Agreement drawings and provided to the City at no cost. The right-of-way for the pump station equipment and underground structures and pipes shall be minimum 15.8 m long measured from the new north property line and 8.0 m wide, less a 7.4 m by 2.8 m notch for the building's stairwell at the southwest corner of the right-of-way (see appendix A). The right-of-way shall be on grade and have minimum 5.0 m of vertical clearance, and be accessible by a 7.5 x 2.5 m service truck with 1.3 m stabilizers. Both the SRW and the parking area for the truck shall be flat. The SRW shall be designed to accommodate:
 - A BC Hydro transformer with minimum 3.0 m clearance between the PMT and any other electrical components such as the generator or kiosk. The SRW for the PMT shall be designed to BC Hydro's specifications.
 - An approximately 1.5 x 2.6 m kiosk. There shall be minimum 1.0 m clearance on the short sides of the kiosk and 2.0 m clearance on the long sides, or as required to allow for safe access of the doors located on all four faces of the kiosk. A line-of-sight must be maintained between the kiosk and the wet well hatches.
 - An approximately 3.0 x 1.5 m emergency generator with minimum 1.0 m clearance on all sides.
 - Any other equipment or utilities required to service the pump station, including underground conduits and water service connection.
- Provide additional SRW for the 10.0 m-tall SCADA antenna, unless located within the boulevard. The antenna SRW shall be on grade and have no overhanging structures.
- Provide enough space for a 7.5 x 2.5 m service truck with 1.3 m stabilizers to access the pump station hatch for removal of the pump during servicing, usually once per year, while maintaining pedestrian movement around the working area. The parking area for the truck shall be flat and paved with broom-finished concrete with expansion/contraction joints.
- Provide and maintain a removable enclosure around the pump station equipment. The detailed design of the enclosure will be done through the Servicing Agreement, however the enclosure itself is considered to be part of the building design and will be maintained by the Owner. The enclosure must:
 - Exhaust the generator.
 - Not obstruct any equipment access doors (e.g., doors on all sides of the kiosk).
 - Exclude fixed structures (i.e. walls, columns, etc.).
 - Enable a single operator to easily access and use all the equipment within the enclosure under all conditions (including during power outages).
 - Enable an equipment operator to maintain a line of sight with the pump station from every portion of the pump station equipment.
 - Be durable and low-maintenance.
 - Provide for the convenient, cost-effective removal, repair, replacement, and installation of equipment (e.g., PMT, generator, and kiosk) and related features within the enclosure.
- Protect the existing sanitary sewers during the development's construction. Pre- and post- ground improvement and construction surveys and CCTV will be required. Any damage to be repaired and any required replacement shall be at the Developer's sole cost.
- Extend the existing 450 mm Sanitary main at Leslie Road from existing manhole SMH57098 approximately 26 m to the west, complete with a new manhole at the west end of the new main and at the tie-in to the existing north-south aligned 350 mm sanitary sewer.
- Provide a 450 mm sanitary main going south from the new manhole at Leslie Road and tie-in to the new Leslie sanitary pump station.
- Tie-in the existing 350 mm FRP sanitary main aligned north-south along the east property line of 4660 No. 3 Road to the proposed 450 mm sanitary main along Leslie Road via a new manhole.

- Convert the existing Leslie sanitary pump station wet well into a manhole and extend north the existing 200 mm sanitary main aligned north-south along the east property line of 4700 No 3 Road and connect it to the new manhole just north of the existing Leslie sanitary pump station.
- Install a new sanitary service connection, complete with inspection chamber.

v. At Developers cost, the City is to:

- Complete all tie-ins of the proposed works to existing City infrastructure.

e) General Items:

i. As the geotechnical report provided by the Developer indicates there will be significant settlement caused by preload, resulting in an unacceptable level of risk to critical infrastructure, preloading of the site will only be permitted if:

- Physical mitigation measures to the satisfaction of the GM of Engineering and Public Works are implemented to protect City infrastructure.
- Approval is provided by the GM of Engineering and Public Works.

ii. The Developer is required to:

- Review street lighting levels along the No. 3 Road and Leslie Road frontage and upgrade lighting as required.
- Building overhangs above SRW will be permitted but must accommodate machinery movements to excavate existing mains. Consultant assessment will be required.
- Coordinate with BC Hydro, Telus and other private communication service providers:
 - To pre-duct for future hydro, telephone and cable utilities along all road frontages.
 - When relocating/modifying any of the existing power poles and/or guy wires within the property frontages.
 - To locate all above-ground utility cabinets and kiosks required to service the proposed development within the development site (see list below for examples). A functional plan showing conceptual locations for such infrastructure shall be included in the development process design review. Please coordinate with the respective private utility companies and the project's lighting and traffic signal consultants to confirm the requirements (e.g., statutory right-of-way dimensions) and the locations for the above-ground structures. If a private utility company does not require an above-ground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of statutory right-of-ways that shall be shown in the functional plan and registered prior to Servicing Agreement design approval:

BC Hydro PMT	4 m x 5 m	(width x depth)
BC Hydro LPT	3.5 m x 3.5 m	
Street light kiosk	1.5 m x 1.5 m	
Traffic signal kiosk	1 m x 1 m	
Traffic signal UPS	2 m x 1.5 m	
Shaw cable kiosk	1 m x 1 m	show possible location in functional plan
Telus FDH cabinet	1.1 m x 1 m	show possible location in functional plan

- Enter into, if required, 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, including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, ground improvements or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.

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

23. Incorporation of special features in Building Permit (BP) plans as determined via the Rezoning and/or Development Permit processes (e.g., accessibility, sustainability, TDMs).
24. The applicant is required to demonstrate to the City that approval from TransLink has been granted in writing, including for the items listed in item #12 above to ensure protection of transit infrastructure.
25. Submission of a Construction Parking and Traffic Management Plan to the Transportation Department. Management 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.
26. If applicable, payment of Latecomer Agreement charges, plus applicable interest associated with eligible latecomer works.
27. Obtain 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.

Note:

- * This requires a separate application.
- Where the Director of Development deems appropriate, the preceding agreements are to be drawn not only as 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 preceding 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.

- 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.
- 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 are in compliance with all relevant legislation.

Signed

Date

DATE	ISSUED FOR	REV
2016-01-21	FOR CITY REVIEW	
2016-03-27	ISSUED FOR REZONING	
2016-04-19	ISSUED FOR COMBINED ZAAP	
2016-06-02	FOR REVIEW	
2016-11-09	PROCESSES REVIEW	
2016-11-24	ISSUED FOR CITY COMMENTS	
2016-11-28	ISSUED FOR CITY COMMENTS	
2017-02-07	FOR SUBMISSION, CITY COMMENTS	
2017-05-15	FOR SUBMISSION, CITY COMMENTS	

This drawing has been prepared solely for the use of the client and is not to be construed as a contract. Any modifications to this drawing must be made in writing and signed by NORR Architects Planners Inc. and the client. This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the architect or engineer.

APPENDIX

North Arrow

Detail Symbol

XX
XX-XX
Construction

True North
NORR

Consultants:
Civil
Mechanical
Architectural
Structural
Mechanical
Electrical

NORR

ARCHITECTS PLANNERS

4700 No. 3 Road
Suite 100
Oakville, Ontario L6M 4K1
Tel: 905.335.4444
Fax: 905.335.4445
www.norr.com

Project Manager: [Name]
Lead Designer: [Name]
Client: [Name]

Project No. 4700 No. 3 Road
Office Building

Client: [Name]

Project No. 4700 No. 3 Road
Office Building

Project No. OCWA14
Drawing No. DP20-1

Appendix A

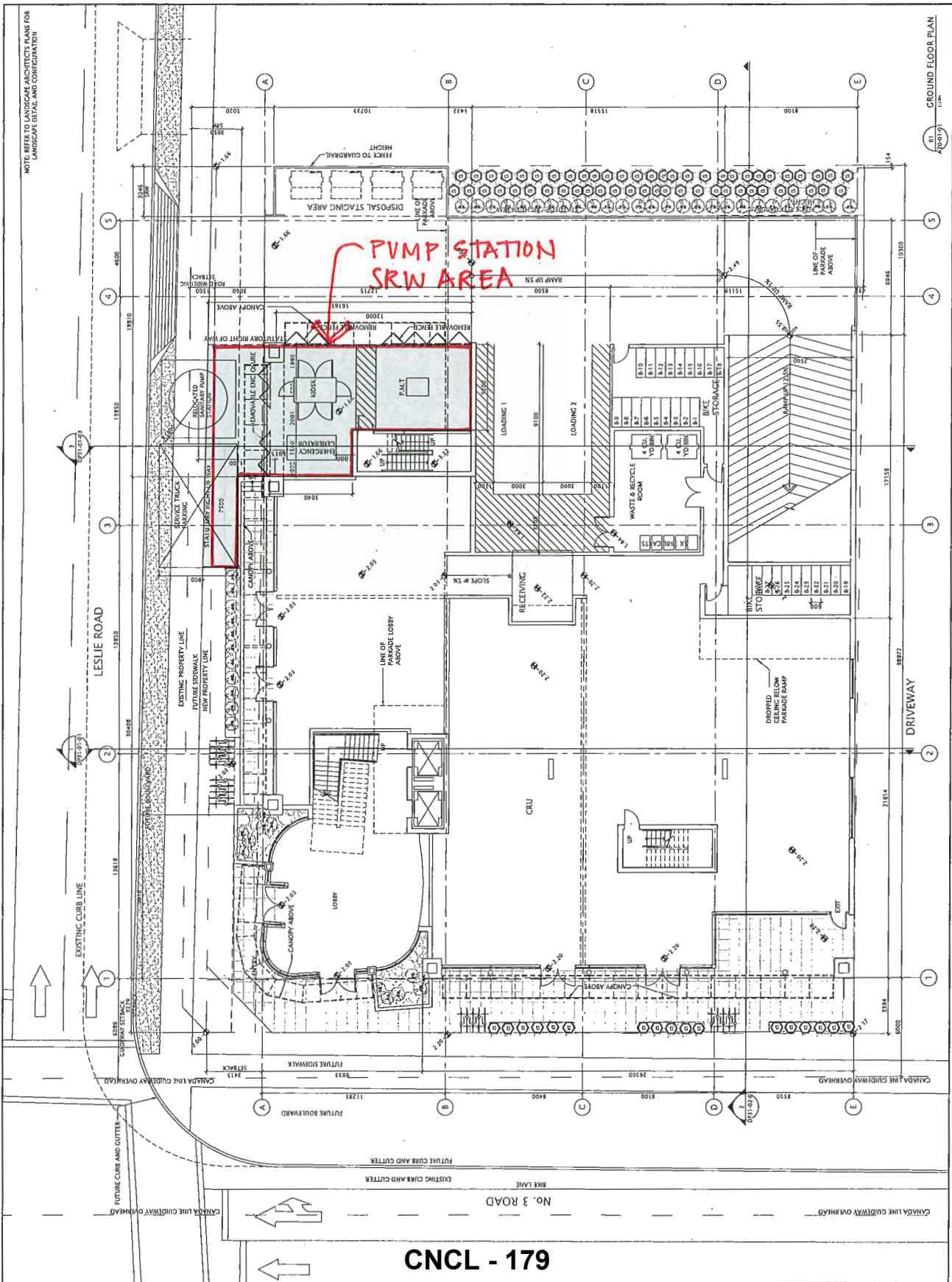
GROUND FLOOR PLAN

4700 No. 3 Road
Office Building

Client: [Name]

Project No. 4700 No. 3 Road
Office Building

Project No. OCWA14
Drawing No. DP20-1



CNCL - 179

July 3, 2019

City of Richmond
6911 No.3 Road
Richmond, BC, V6Y 2C1
Canada

Attn: Ms. Sara Badyal

Re: 4700 No.3 Road Strata Proposal Rationale Request

Dear Sara,

We request that the Mayor and City Councillors to revise the rezoning considerations for our project at 4700 No. 3 Road to allow the proposed six floors of office space to be subdivided by floor into six floor-size office spaces.

The City of Richmond and its region have been growing tremendously over the past decade. Such growth also led to a rapid increase in construction costs. According to the budget received from Graham construction, the construction cost for the proposed building has increased by 40% from 2014 proforma estimates, which represents a \$9M cost increase. The current estimate of the construction cost has yet to include off-site work.

Cost added by Translink required a \$1.2M letter of credit, which has been provided to Translink. That is for the costs for service agreements and monitoring during the preload and construction stages, which may take 36 months to complete.

Per our rezoning requirement, Developer is required to obtain approval from the Engineering Department before preload. The City's engineers ensured the sewage pipes and storm sewer would not have an impact on the future pump station and the neighbors, which has been approved. However, the cost of these works has incurred up-to-date, before preload, an additional of \$750,000.00 (no DCC recoverable).

The new pump station that city required inside the future building is underway. Our architect and the pump station consultants has worked studiously to provide additional space required for the generator in order to have the generator located separately from the pump station.

Due to the fact that we are facing dramatic changes in the market, we would like to emphasize that it is extremely difficult, if not infeasible, to market an office building under one strata title without the flexibility of subdividing the office space into several strata lots.

Both CBRE and Colliers commercial realtors advise that Richmond is traditionally an office market where tenants want to inspect completed buildings before executing leases and both recommend that the proposed building be subdivided on a floor by floor basis.

When we submitted the rezoning application in 2014, the owner of the property had the building very close to being able to be fully leased. However, the length of time required in the application process resulted in those prospective tenants making other arrangements. Although no pre-construction office leases have been secured, we have received interest from purchasers for office space. There are currently two Richmond companies who would like to purchase a floor each in the building to own their own office space.

The City Centre Area Plan has recently changed, restricting subdivision of office space in higher density village centre bonus area. In compliance with the revised City Centre Area Plan, this recent change provides an opportunity for the proposed office space in this project to be subdivided on a floor by floor basis into six floor-size office spaces.

Based on the challenges we anticipate and are facing, we sincerely and gratefully hope that the city will allow the rezoning considerations to be amended to allow the office space to be subdivided into six separate floor sized strata lots.

Yours Sincerely,



Danny Leung



City of Richmond

Rezoning Considerations

Development Applications Department
6911 No. 3 Road, Richmond, BC V6Y 2C1

Address: 4700 No. 3 Road

File No.: RZ 14-672055

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9216, the developer is required to complete the following:

1. Final Adoption of OCP Amendment Bylaw 9215.
2. Road dedication of 1.5 m along the entire Leslie Road frontage and 4 m x 4 m corner cut measured from the new property lines.
3. Granting of an approximately 114 m² (1,227 ft²) statutory right-of-way (SRW) public-rights-of-passage (PROP) and utilities for the purposes of a sanitary pump station, including equipment, underground structures and pipes, and required clearances, access and working areas (see Appendix A). The right-of-way (ROW) for the pump station equipment and underground structures and pipes shall be minimum 15.8 m long, measured from the new north property line and 8.0 m wide, less a 7.4 m by 2.8 m notch for the building's stairwell at the southwest corner of the right-of-way. The right-of-way shall have minimum 5.0 m of vertical clearance above grade. Any works essential for public access and utilities within the required statutory right-of-way (SRW) are to be included in the Servicing Agreement (SA) and the maintenance & liability responsibility is to be clearly noted. The design must be prepared in accordance with City specifications & standards and the construction of the works will be inspected by the City concurrently with all other Servicing Agreement related works. Works to be secured via Servicing Agreement (see SA requirements below).
4. Registration of a flood indemnity covenant on Title (Area A).
5. Registration of an aircraft noise restrictive covenant on Title suitable for Area 1A (new aircraft noise sensitive land uses prohibited) and granting of a Statutory Right-of-Way in favour of the Airport Authority.
6. Registration of a legal agreement on Title, stipulating that the mixed use commercial/office development is subject to potential impacts due to other development that may be approved within the City Centre including without limitation, loss of views in any direction, increased shading, increased overlook and reduced privacy, increased ambient noise and increased levels of night-time ambient light, and requiring that the owner provide written notification of this through the disclosure statement to all initial purchasers, and erect signage in the initial sales centre advising purchasers of the potential for these impacts.
7. Registration of a legal agreement on Title, **prohibiting limiting** subdivision (including stratification and/or air space parcels) of the office space to no more than one strata lot or one air space parcel per storey (single owner ~~for~~ per storey of office space).
8. Registration of a legal agreement on Title, ensuring that no more than 16 parking spaces are provided in a tandem arrangement and are limited to employee parking use only, any pair of tandem parking spaces must be assigned to the same tenant/unit and conversion of tandem parking area into habitable space is prohibited.
9. Registration of a legal agreement on Title, ensuring that all parking spaces (except tandem parking spaces) are provided for the shared use of all tenants/units and are not permitted to be assigned to specific tenants/units. This includes four parking spaces provided with two electric vehicle quick-charge (240V) charging stations provided as a Transportation Demand Management (TDM) measure. The charging stations should be located to provide for convenient use by vehicles parked in any of the four spaces.
10. Registration of a legal agreement on Title, ensuring the loading spaces are provided for the shared use of all tenants/units and are not permitted to be assigned to specific tenants/units.
11. Registration of a legal agreement on Title, ensuring bicycle storage is provided for the shared use of all tenants/units and is not permitted to be used for habitable space (e.g., other storage uses).

12. Registration of a legal agreement on Title, stipulating that no Building Permit for all or any part of the development shall be issued until the applicant has provided the City with satisfactory written confirmation that all terms required by the South Coast British Columbia Transportation Authority (TransLink) as a condition of issuance of any Building Permit for the development have been addressed and met, including for the following items to ensure protection of transit infrastructure:
 - a) Applicant to submit preload, excavation and shoring plans and associated mitigation plan for the development for TransLink's review and acceptance;
 - b) Applicant to conduct a precision survey of the existing Canada Line track geometry prior to any site preloading/construction work, undertake a settlement monitoring program (as established by a qualified geotechnical engineer) and conduct a repeat of the survey post development construction;
 - c) Applicant to submit final (detailed) design drawings of the development for TransLink's review and acceptance; and
 - d) Applicant to address TransLink's guideway protection requirement, which is TransLink's response to concerns related to trespass and debris on the guideway. The applicant and TransLink will work together to identify a suitable response. Any option that affects the public realm and/or building form and character must also be approved by the City. Options are not limited to the following:
 - Option 1: Introduction of a physical canopy. The canopy may be self-supported or fixed to the proposed building. In these scenarios, the public realm and/or building design would be affected; thereby affecting the Development Permit. The applicant would be responsible for proposing a design solution that is supported by the City and would be required to seek reconsideration by the Development Permit Panel.
 - Option 2: Registration of an agreement between the owner and TransLink to assign responsibility for intentional or unintentional damage to the guideway to the owner/strata corporation. The City is not a party to this agreement. The agreement would be a private agreement between TransLink and the owner/strata corporation.
13. Registration of a restrictive covenant and/or alternative legal agreement(s), to the satisfaction of the City, securing the owner's commitment to connect to District Energy Utility (DEU), which covenant and/or legal agreement(s) will include, at minimum, the following terms and conditions:
 - a) No Building Permit will be issued for a building on the subject site unless the building is designed with the capability to connect to and be serviced by a DEU and the owner has provided an energy modelling report satisfactory to the Director of Engineering.
 - b) If a DEU is available for connection, no final building inspection permitting occupancy of a building will be granted until:
 - i) The building is connected to the DEU, which may include the owner's supplied and installed central energy plant to provide heating and cooling to the building, at no cost to the City, or the City's DEU service provider, Lulu Island Energy Company, on the subject site satisfactory to the City.
 - ii) If the City so elects, the owner transfers ownership of the central energy plant on the site, if any, at no cost to the City, or City's DEU service provider, Lulu Island Energy Company, to the City and/or the City's DEU service provider, Lulu Island Energy Company, on terms and conditions satisfactory to the City.
 - iii) The owner enters into a Service Provider Agreement with the City and/or the City's DEU service provider, Lulu Island Energy Company, on terms and conditions satisfactory to the City.
 - iv) The owner grants or acquires the Statutory Right-of-Way(s) and/or easements necessary for supplying the DEU services to the building and the operation of the central energy plant, if any, by the City and/or the City's DEU service provider, Lulu Island Energy Company.
 - c) If a DEU is not available for connection, no final building inspection permitting occupancy of a building will be granted until:
 - i) The City receives a professional engineer's certificate stating that the building has the capability to connect to and be serviced by a DEU.
 - ii) The owner enters into a covenant and/or other legal agreement to require that the building connect to a DEU when a DEU is in operation.

- iii) The owner grants or acquires the statutory right-of-way(s) and/or easements necessary for supplying DEU services to the building.
 - iv) The owner provides to the City, a Letter of Credit, in an amount satisfactory to the City, for costs associated with acquiring any further statutory right-of-way(s) and/or easement(s) and preparing and registering legal agreements and other documents required to facilitate the building connecting to a DEU when it is in operation.
14. City acceptance of the developer's voluntary contribution in the amount of \$1,456,392.94 towards City Centre Community Services facilities (e.g. \$650.00 per square foot of 5% of the 1.0 FAR village centre bonus and 10% of the additional 0.5 FAR village centre bonus). Should the contribution not be provided within one year of the application receiving third reading, the construction value multiplier (\$650 /ft²) will be adjusted annually thereafter based on the Statistics Canada "Non-residential Building Construction Price Index" yearly quarter to quarter change for Vancouver, where the change is positive.
 15. City acceptance of the developer's voluntary contribution in the amount of \$19,605.29 (i.e. \$0.25 per buildable square foot) to future City community planning studies, as set out in the City Centre Area Plan.
 16. City acceptance of the developer's voluntary contribution in the amount of \$34,505.31 (i.e. \$0.44 per buildable square foot of commercial/office space) to the City's Public Art Program.
 17. City acceptance of the developer's offer to voluntarily contribute \$50,000 towards the provision of two transit shelters at existing bus stops nearby along No. 3 Road as a Transportation Demand Management (TDM) measure.
 18. City acceptance of the developer's offer to voluntarily contribute \$2,600 to the City's Tree Compensation Fund for the planting of replacement trees within the City in compensation for the removal of two street trees along the Leslie Road frontage.
 19. Submission of a Contract entered into between the applicant and a Certified Arborist for supervision of any on-site works conducted within the tree protection zone of trees to be retained along No. 3 Road. The Contract should include the scope of work to be undertaken, including: the proposed number of site monitoring inspections, and a provision for the Arborist to submit a post-construction assessment report to the City for review.
 20. Installation of appropriate tree protection fencing around all trees to be retained as part of the development prior to any construction activities; including building demolition, occurring on-site.
 21. The submission and processing of a Development Permit* completed to a level deemed acceptable by the Director of Development.
 22. Enter into a Servicing Agreement* for the design and construction of road and infrastructure works. Works include, but may not be limited to:
 - a) Road Works:

Note: Leslie Road works are on the Roads DCC program and would be eligible for Roads DCC credits.

 - i. Leslie Road frontage improvements (measured from north to south):
 - Maintain existing centre line and widen road southward to provide a total driving surface of (minimum) 7.4 m wide for eastbound traffic, east of No. 3 Road, and new 0.15 m wide curb and gutter.
 - New 1.5 m wide boulevard planted with grass and street trees.
 - New 2.0 m wide concrete sidewalk.
 - ii. No. 3 Road frontage improvements:
 - Remove existing driveway letdown.
 - iii. Traffic Signal improvements:
 - Upgrade the existing traffic signal at the No. 3 Road/Leslie Road intersection to accommodate the road widening noted above to include, but not limited to: upgrade and/or replace signal pole, controller, base and hardware, pole base, detection, conduits (electrical & communications), signal indications, communications cable, electrical wiring, service conductors, APS (Accessible Pedestrian Signals) and illuminated street name sign(s) as necessary.
 - b) Water Works:

Using the OCP Model, there is 169.7 L/s of water available at a 20 psi residual at the Leslie Road frontage. Based on your proposed development, your site requires a minimum fire flow of 200 L/s.

Initial: _____

- i. The Developer is required to:
 - Upgrade the watermain along Leslie Road from 150 mm to 300 mm from approximately the developments east property line to the existing 300 mm watermain on No. 3 Rd, complete with additional hydrants to achieve City spacing requirements.
 - ii. Developer's cost, the City is to:
 - Cut and cap the existing water service connection at the watermain along No. 3 Road frontage, and complete all water main tie-ins.
- c) Storm Sewer Works:
- i. The Developer is required to:
 - Install a new 750 mm storm sewer within the centre of the road from the developments east property line tying into the No. 3 Road box culvert and remove the existing adjacent sewer. Tie-in to the existing storm sewer to the east is required. Tie-in all existing storm service connections and catch-basin leads to the new main.
 - Cut and cap the existing storm service connections along the No. 3 Road frontage. The northern connection shall be capped at main and its inspection chamber removed, the southern connection shall be capped at inspection chamber.
 - Provide, at no cost to the City, a 1.5 m wide SRW (perpendicular to No. 3 Road) at the southwest corner of the development site, extending 1.0 m past the existing inspection chamber.
 - Install a new storm service connection, complete with inspection chamber, off of the proposed 750 mm storm sewer along the Leslie Road frontage.
 - ii. At Developer's cost, the City is to:
 - Complete all tie-ins of the proposed works to existing City infrastructure.
- d) Sanitary Sewer Works:
- i. The Developer has requested to place a driveway entrance in the same alignment as the existing sanitary pump station; to achieve this, the Developer has agreed to relocate/replace the pump station through the Servicing Agreement works. The City will pay for the sanitary pump station and force main design and construction; however, costs incurred above and beyond a regular pump station replacement project will be the Developer's responsibility (e.g. the need to extend gravity pipework to accommodate the development's driveway access and the need to remove sections of gravity sewer and forcemain).
 - ii. The decommissioning of the existing pump station and construction of the new pump station and all associated sanitary sewer realignments shall be complete prior to driveway construction.
 - iii. The Developer is required to provide the following at the City's cost:
 - Design and build the sanitary pump station through the Servicing Agreement to meet location specific engineering specifications. The location will be generally as per the attached sketch and will be finalized through the Servicing Agreement process.
 - Design and build the required pump station kiosk, BC Hydro PMT, and back-up generator, and locate them such that they meet operational requirements and are appropriate for the streetscape.
 - Design and build the required valve chamber; complete with flow meter and related appurtenances for the pump station and access chambers for the forcemain for maintenance purposes.
 - In conjunction with the pump station works, replace the existing 350 mm sanitary forcemain from the proposed pump station into and across the No. 3 Road/Leslie Road intersection (approximately 62 m) into the Leslie Road travel lane. If the forcemain is damaged by site preparation or construction works, the replacement of the forcemain into the Leslie Road travel lane shall be at the Developer's cost.
 - iv. The Developer is required to provide the following at the Developer's cost:
 - Design the proposed development to accommodate future sanitary sewer maintenance or replacement without causing undue cost to the City. Building designs should consider how temporary access will be provided during future construction works.

- Provide a clear and competitive tendering process to ensure that the work paid for by the City represents good value for money. This process must be agreed to by the City prior to tendering or else the City may not be able to fund the works.
- Provide right-of-way(s) for the pump station and related structures, to be refined through the Servicing Agreement drawings and provided to the City at no cost. The right-of-way for the pump station equipment and underground structures and pipes shall be minimum 15.8 m long measured from the new north property line and 8.0 m wide, less a 7.4 m by 2.8 m notch for the building's stairwell at the southwest corner of the right-of-way (see appendix A). The right-of-way shall be on grade and have minimum 5.0 m of vertical clearance, and be accessible by a 7.5 x 2.5 m service truck with 1.3 m stabilizers. Both the SRW and the parking area for the truck shall be flat. The SRW shall be designed to accommodate:
 - A BC Hydro transformer with minimum 3.0 m clearance between the PMT and any other electrical components such as the generator or kiosk. The SRW for the PMT shall be designed to BC Hydro's specifications.
 - An approximately 1.5 x 2.6 m kiosk. There shall be minimum 1.0 m clearance on the short sides of the kiosk and 2.0 m clearance on the long sides, or as required to allow for safe access of the doors located on all four faces of the kiosk. A line-of-sight must be maintained between the kiosk and the wet well hatches.
 - An approximately 3.0 x 1.5 m emergency generator with minimum 1.0 m clearance on all sides.
 - Any other equipment or utilities required to service the pump station, including underground conduits and water service connection.
- Provide additional SRW for the 10.0 m-tall SCADA antenna, unless located within the boulevard. The antenna SRW shall be on grade and have no overhanging structures.
- Provide enough space for a 7.5 x 2.5 m service truck with 1.3 m stabilizers to access the pump station hatch for removal of the pump during servicing, usually once per year, while maintaining pedestrian movement around the working area. The parking area for the truck shall be flat and paved with broom-finished concrete with expansion/contraction joints.
- Provide and maintain a removable enclosure around the pump station equipment. The detailed design of the enclosure will be done through the Servicing Agreement, however the enclosure itself is considered to be part of the building design and will be maintained by the Owner. The enclosure must:
 - Exhaust the generator.
 - Not obstruct any equipment access doors (e.g., doors on all sides of the kiosk).
 - Exclude fixed structures (i.e. walls, columns, etc.).
 - Enable a single operator to easily access and use all the equipment within the enclosure under all conditions (including during power outages).
 - Enable an equipment operator to maintain a line of sight with the pump station from every portion of the pump station equipment.
 - Be durable and low-maintenance.
 - Provide for the convenient, cost-effective removal, repair, replacement, and installation of equipment (e.g., PMT, generator, and kiosk) and related features within the enclosure.
- Protect the existing sanitary sewers during the development's construction. Pre- and post- ground improvement and construction surveys and CCTV will be required. Any damage to be repaired and any required replacement shall be at the Developer's sole cost.
- Extend the existing 450 mm Sanitary main at Leslie Road from existing manhole SMH57098 approximately 26 m to the west, complete with a new manhole at the west end of the new main and at the tie-in to the to the existing north-south aligned 350 mm sanitary sewer.
- Provide a 450 mm sanitary main going south from the new manhole at Leslie Road and tie-in to the new Leslie sanitary pump station.
- Tie-in the existing 350 mm FRP sanitary main aligned north-south along the east property line of 4660 No. 3 Road to the proposed 450 mm sanitary main along Leslie Road via a new manhole.

- Convert the existing Leslie sanitary pump station wet well into a manhole and extend north the existing 200 mm sanitary main aligned north-south along the east property line of 4700 No 3 Road and connect it to the new manhole just north of the existing Leslie sanitary pump station.
- Install a new sanitary service connection, complete with inspection chamber.

v. At Developers cost, the City is to:

- Complete all tie-ins of the proposed works to existing City infrastructure.

e) General Items:

i. As the geotechnical report provided by the Developer indicates there will be significant settlement caused by preload, resulting in an unacceptable level of risk to critical infrastructure, preloading of the site will only be permitted if:

- Physical mitigation measures to the satisfaction of the GM of Engineering and Public Works are implemented to protect City infrastructure.
- Approval is provided by the GM of Engineering and Public Works.

ii. The Developer is required to:

- Review street lighting levels along the No. 3 Road and Leslie Road frontage and upgrade lighting as required.
- Building overhangs above SRW will be permitted but must accommodate machinery movements to excavate existing mains. Consultant assessment will be required.
- Coordinate with BC Hydro, Telus and other private communication service providers:
 - To pre-duct for future hydro, telephone and cable utilities along all road frontages.
 - When relocating/modifying any of the existing power poles and/or guy wires within the property frontages.
 - To locate all above-ground utility cabinets and kiosks required to service the proposed development within the development site (see list below for examples). A functional plan showing conceptual locations for such infrastructure shall be included in the development process design review. Please coordinate with the respective private utility companies and the project's lighting and traffic signal consultants to confirm the requirements (e.g., statutory right-of-way dimensions) and the locations for the above-ground structures. If a private utility company does not require an above-ground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of statutory right-of-ways that shall be shown in the functional plan and registered prior to Servicing Agreement design approval:

BC Hydro PMT	4 m x 5 m	(width x depth)
BC Hydro LPT	3.5 m x 3.5 m	
Street light kiosk	1.5 m x 1.5 m	
Traffic signal kiosk	1 m x 1 m	
Traffic signal UPS	2 m x 1.5 m	
Shaw cable kiosk	1 m x 1 m	show possible location in functional plan
Telus FDH cabinet	1.1 m x 1 m	show possible location in functional plan

- Enter into, if required, 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, including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, ground improvements or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.

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

23. Incorporation of special features in Building Permit (BP) plans as determined via the Rezoning and/or Development Permit processes (e.g., accessibility, sustainability, TDMs).
24. The applicant is required to demonstrate to the City that approval from TransLink has been granted in writing, including for the items listed in item #12 above to ensure protection of transit infrastructure.
25. Submission of a Construction Parking and Traffic Management Plan to the Transportation Department. Management 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.
26. If applicable, payment of Latecomer Agreement charges, plus applicable interest associated with eligible latecomer works.
27. Obtain 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.

Note:

- * This requires a separate application.
- Where the Director of Development deems appropriate, the preceding agreements are to be drawn not only as 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 preceding 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.

- 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.
- 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 are in compliance with all relevant legislation.

[Signed original on file]

Signed

Date