



## Development Permit Panel

Council Chambers, City Hall  
6911 No. 3 Road

Wednesday, June 28, 2017  
3:30 p.m.

### Minutes

*Motion to adopt the minutes of the Development Permit Panel meeting held on June 14, 2017.*



1. **Development Permit 17-766428**  
(REDMS No. 5406662 v. 5)

APPLICANT: Shaw Communications Inc.

PROPERTY LOCATION: 8480 River Road

### Director's Recommendations

*That a Development Permit be issued which would permit the construction of a new telecommunications services building and renovate an existing building at 8480 River Road on a site zoned "Light Industrial (IL)".*



2. **New Business**

3. **Date of Next Meeting: July 12, 2017**

4. **Adjournment**



**Development Permit Panel  
Wednesday, June 14, 2017**

Time: 3:30 p.m.  
Place: Council Chambers  
Richmond City Hall  
Present: Joe Erceg, Chair  
Cathryn Volkering Carlile, General Manager, Community Services  
John Irving, Director, Engineering

The meeting was called to order at 3:35 p.m.

**Minutes**

It was moved and seconded

*That the minutes of the meeting of the Development Permit Panel held on May 24, 2017, be adopted.*

**CARRIED**

**1. Development Permit 15-700007**  
(REDMS No. 5334450)

APPLICANT: LANDA Elmbridge Holdings Ltd.

PROPERTY LOCATION: 7100 Elmbridge Way

**INTENT OF PERMIT:**

1. Permit the construction of a (15) storey, 26,128 m<sup>2</sup> (281,241 ft<sup>2</sup>), mixed commercial and residential use tower and podium building at 7100 Elmbridge Way on a site zoned "Downtown Commercial (CDT1)"; and
2. Vary the provisions of Richmond Zoning Bylaw 8500 to:
  - (a) Reduce the parking rate from the standard City-wide parking rate to the City Centre Zone 2 parking rate; and
  - (b) Allow the unenclosed balconies on building levels 3-16 to project into the required front yard by up to 3.0 m.

## Development Permit Panel

### Wednesday, June 14, 2017

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#### **Applicant's Comments**

Arno Matis, Arno Matis Architecture, Inc., provided background information on the proposed development and highlighted the following:

- the proposed new building form meets the guidelines and requirements for the project;
- the terraced forms of the two towers are inspired by Richmond's topography and geography;
- the horizontally-expressed tower forms are visually broken with vertical accents to mitigate the massing of the towers;
- the tower forms are seamlessly integrated with the podium;
- commercial/retail spaces are located on the ground floor with residential units above;
- 14 affordable housing units are proposed for the project;
- outdoor plaza spaces are proposed along the street frontages including the public plaza at the corner of Elmbridge Way and Gilbert Road and outdoor café seating along the Gilbert Road frontage;
- significant setbacks from street frontages are required for the proposed development; and
- the main entrances to the towers are highlighted with entry features.

In response to a query from the Panel, Mr. Matis noted that the balcony projections on residential building levels three to sixteen into the required building setback occur at the northwest corner of the building.

Joseph Fry, Hapa Collaborative Landscape Architects, briefed the Panel on the main landscaping features of the project and highlighted the following:

- the proposed landscaping reflects the language of the building;
- sedimentary rock layering and terracing are used to create zones on the podium level which provide outdoor spaces and amenities for residents;
- the dragon's walk, a stone-paved promenade, unifies the podium landscape and provides pedestrian circulation in the entire podium landscape;
- grade transitions between the finished elevations of the street and the building's ground floor were appropriately managed to incorporate outdoor plaza spaces and provide accessibility to building entries; and
- public art is proposed to be located at the corner of Elmbridge Way and Gilbert Road and a specimen tree will be planted at the corner to replace the tree that was removed due to road widening.

## **Development Permit Panel**

### **Wednesday, June 14, 2017**

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#### **Panel Discussion**

In response to queries from the Panel, Mr. Fry stated that (i) the BC Hydro and street lighting kiosk midway along the Gilbert Road frontage is approximately 1.5 meters high at street elevation and will be screened with soft landscaping to mitigate its impact to adjacent patios, (ii) the proposed public art will be incorporated in an elevated small plaza with feature planter and specimen deciduous tree at the corner of Gilbert Road and Elmbridge Way, and (iii) the decision for the public art piece to be incorporated at the corner plaza has yet to be finalized.

In response to queries from the Panel, Mr. Matis noted that (i) the balconies on building levels 3 to 16 will only project into the required front yard setback and not beyond the property line of the subject site, (ii) the yellow glass guards of balconies are translucent and provide verticality and visual interest to the building facades, and (iii) rooftop decks can be accessed by a roof hatch.

In response to queries from the Panel, Janet Digby, Planner 3, noted that (i) there will be a covenant related to airport restrictions on building height which regulates construction of additional structures on rooftop decks, (ii) the height of railings on rooftop decks complies with the height restriction, and (iii) the applicant supports the installation of hose bibs on rooftop decks for maintenance of plants.

In response to queries from the Panel, Mr. Matis acknowledged that (i) vehicular entries are provided off Elmbridge Way and the City lane, (ii) a layby along the City lane and a truck loading space within the building at the north end of the site are proposed, (iii) garbage and recycling storage areas are proposed to be located within the building at the north and south ends of the development, (iv) residential units are located at the City lane elevation on the third, fourth and fifth levels, and (v) the affordable housing units are proposed to be located throughout the development.

#### **Staff Comments**

Wayne Craig, Director, Development, advised that (i) the proposed parking variance is supported by staff as it is consistent with Council policy for the use of City Centre parking rates in lieu of the standard parking rates where developments provide affordable housing units, and (ii) staff also support the proposed variance to allow the unenclosed balconies on building levels 3 to 16 to project onto the required front yard.

Mr. Craig further advised that (i) all of the 14 affordable housing units and 10 percent of market rental housing units will have Basic Universal Housing (BUH) features, (ii) the project will be connected to the Oval District Energy Utility, (iii) the applicant will provide a public art contribution of approximately \$212,000, (iv) the project provides comprehensive indoor amenity spaces, (v) the building will be designed to meet the City's aircraft noise requirements, and (vi) there will be Servicing Agreements for frontage improvements along Gilbert Road, Elmbridge Way, and the City lane as well as upgrading of fronting utilities.

## Development Permit Panel

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In response to a query from the Panel, Mr. Craig acknowledged that the City could still review the landscaping in the plaza at the northwest corner of the site after the finalization of the public art piece to be installed in the plaza.

#### Gallery Comments

None.

#### Correspondence

Anne Lerner, 12633 No. 2 Road (Schedule 1)

Mr. Craig noted that in her letter, Ms. Lerner expressed concern regarding the parking situation in the City and indicated that she does not support the proposed parking variance. In addition, Ms. Lerner expressed concern regarding the balcony encroachments and potential impacts on skyline and views.

In response to a query from the Panel, Mr. Craig confirmed that (i) the proposed variance related to balcony projections into the front yard setback is a result of road widening, and (ii) the proposed parking variance is consistent with Council policy to encourage developments to provide affordable housing units.

#### Panel Decision

It was moved and seconded

1. *That a Development Permit be issued which would permit the construction of a (15) storey, 26,128 m<sup>2</sup> (281,241 ft<sup>2</sup>), mixed commercial and residential use tower and podium building at 7100 Elmbridge Way on a site zoned "Downtown Commercial (CDT1)"; and*
2. *Vary the provisions of Richmond Zoning Bylaw 8500 to:*
  - (a) *reduce the parking rate from the standard City-wide parking rate to the City Centre Zone 2 parking rate; and*
  - (b) *allow the unenclosed balconies on building levels 3-16 to project into the required front yard by up to 3.0 m.*

**CARRIED**

## 2. New Business

It was moved and seconded

*That the meetings of the Development Permit Panel scheduled on Wednesday, August 9, 2017 and Wednesday, August 23, 2017 be cancelled.*

**CARRIED**

**Development Permit Panel**  
**Wednesday, June 14, 2017**

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**3. Date of Next Meeting: June 28, 2017**

**4. Adjournment**

It was moved and seconded

*That the meeting be adjourned at 4:00 p.m.*

**CARRIED**

Certified a true and correct copy of the  
Minutes of the meeting of the  
Development Permit Panel of the Council  
of the City of Richmond held on  
Wednesday, June 14, 2017.

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Joe Erceg  
Chair

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Rustico Agawin  
Auxiliary Committee Clerk

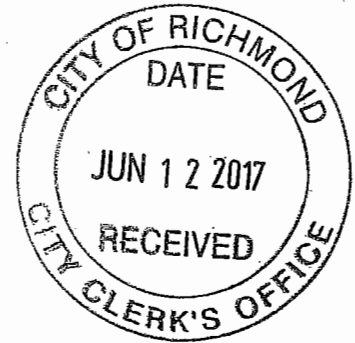
**Mayor and Councillors**

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**From:** annel200 . <annel200@gmail.com>  
**Sent:** Friday, 9 June 2017 00:26  
**To:** Day, Carol; Mayor and Councillors  
**Subject:** Development Permit Panel meeting

7100 Elmbridge Way.  
DP 15-700007  
Zoning Bylaw 8500

Landa Elmbridge Holdings



Parking is so horrendous everywhere I think the city should abandon the concept of the City Centre Zone2 parking rate. The intent was good but a total failure. People aren't abandoning car ownership. Instead, the streets throughout Richmond are suddenly overfilled with parked cars because of the lessening of required condo/residential parking. **Require this development to supply the standard city-wide parking rate number of spaces.**

My second comment: **deny** their request to extend the unenclosed balconies on levels 3 -16 **up to 3 meters into the front yard (10 FEET)**. They knew the legal building parameters when they proposed their development. Our skyline/views already have large swaths totally blocked by massive buildings allowed to build too close to each other. Stop this now! Allowing this will delete more skyline views enjoyed by all residents.

The only benefit if this request is granted accrues to the builder's profits. The resulting increased square footage of the apartment/condo increases the price to buyers, **moving these units further out of the reach of local/family/middle class buyers.**

If an unenclosed balcony is a feature of the apartments, the architects must draw their plans to meet the city bylaws and not intrude into our air space/views.

Please submit this to the panel meeting. I am going overseas tomorrow and will not be able to attend to present my view in person.

Anne (Lerner)  
12633 No. 2 Road



**City of  
Richmond**

## **Report to Development Permit Panel**

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**To:** Development Permit Panel

**Date:** June 12, 2017

**From:** Wayne Craig  
Director, Development

**File:** DP 17-766428

**Re:** Application by Shaw Communications Inc. for a Development Permit at  
8480 River Road

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### **Staff Recommendation**

That a Development Permit be issued which would permit the construction of a new telecommunications services building and renovate an existing building at 8480 River Road on a site zoned "Light Industrial (IL)".



Wayne Craig

Director, Development

MM:blg  
Att.2



## Staff Report

### Origin

Shaw Communications Inc. has applied to the City of Richmond for permission to develop a new 182 m<sup>2</sup> (1,959 ft<sup>2</sup>) telecommunications services building at 8480 River Road on a site zoned "Light Industrial (IL)". The 809.5 m<sup>2</sup> (8,713 ft<sup>2</sup>) site also currently contains a two-storey, 134 m<sup>2</sup> (1,442 ft<sup>2</sup>) service building which will have its upper floor removed and the 67 m<sup>2</sup> (721 ft<sup>2</sup>) ground floor level renovated. The proposal is consistent with the current "Light Industrial (IL)" zoning of the site. The applicant will also be constructing frontage improvements along River Road and up-grading the City's utility service connections via a City Work Order prior to Building Permit issuance.

### Development Information

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

### Background

Development surrounding the subject site is as follows:

- To the north, a light industrial building on a site zoned "Light Industrial (IL)".
- To the east, a vacant site zoned "Light Industrial (IL)"; under an in-process rezoning application for a large, high-density development including hotel, retail and office uses (RZ12-598104).
- To the south, a vacant site zoned Light Industrial (IL)"; under an in-process rezoning application for a large, high-density development including hotel, retail and office uses (RZ12-598104).
- To the west, River Road and a large vacant site zoned Light Industrial (IL)"; under a rezoning application for a large, high-density development including hotel, retail and office uses (RZ12-598104) and which is currently used seasonally for the Richmond Night Market.

### Staff Comments

The proposed scheme attached to this report has satisfactorily addressed the significant urban design issues and other staff comments identified as part of the review of the subject Development Permit application. In addition, it complies with the intent of the applicable sections of the Official Community Plan Development Permit Guidelines and is generally in compliance with the City Centre Area Plan (CCAP) Development Permit Area Guidelines.

### Analysis

#### *Development Access and Frontage Works*

The existing vehicle driveway leading onto River Road will remain in its current location on the north portion of the site. The developer will be responsible for the design and construction of River Road frontage works through a City Work Order for a new 2.0 m (6.6 ft.) wide concrete

sidewalk and 1.5 m (5.0 ft.) wide treed boulevard. The City Work Order, which will also include service connection upgrades, will be completed at the applicant's cost as a condition of Building Permit issuance.

***Parking***

The project will provide three (3) parking spaces and accommodate one (1) on-site SU9 (medium) loading truck as required under Zoning Bylaw 8500.

***Tree Retention and Replacement***

The applicant has submitted a Certified Arborist's Report which identifies on-site and off-site tree species, assesses tree structure and condition, and provides recommendations on tree retention and removal relative to the proposed development. The Report assesses two (2) live bylaw-sized trees on the subject property and two (2) trees on the neighbouring property to the north.

The City's Tree Preservation staff have reviewed the findings of the Arborist's Report and support the Arborist's findings, with the following comments:

- Two (2) live bylaw-size trees are proposed to be removed from the subject property.
- Two (2) trees located on adjacent neighbouring properties are identified to be retained and protected as per the project arborist's recommendations.

The applicant has agreed to plant four (4) trees on the lot, satisfying the 2:1 replacement ratio established in the OCP.

***Conditions of Adjacency***

- Surrounding uses in this block of River Road include older, small, single-storey, light industrial buildings and vacant lots. This area is designated under the CCAP as "Urban Centre T5 (45m)"; which provides for potential rezoning applications to facilitate hotel, office and retail developments of up to 45 m (148 ft.) in height and 2.0 FAR plus a 1.0 FAR Village Centre Bonus.
- The adjacent lot to the north at 8500 River Road includes a parking lot in front of a light industrial building. The CCAP includes a future planned potential extension of Douglas Road to the north on this lot.
- Across River Road, to the west, there is a 21.0 acre (8.5 ha) vacant site designated for "Urban Centre T5 (45 m)" and "Urban Centre T5 (25 m)"; which provides for potential rezoning applications to facilitate hotel, office and retail developments of up to 45 m (148 ft.) in height and 2.0 FAR plus a 1.0 FAR Village Centre Bonus.
- River Road will be substantially widened by the future development of this large site to the west while the adjacent site to the south will include new road frontage works similar to those proposed for the subject Shaw site.
- The subject project has been designed to complement these proposed adjacent developments.

***Urban Design and Site Planning***

- The proposed new single-storey 182 m<sup>2</sup> (1,959 ft<sup>2</sup>) front building will be setback at 3.0 m (9.8 ft.) at its closest point to the front property line. The two (2) sections of the building's stepped façade will also be located at 3.3 m (10.7 ft.) and 2.0 m (6.6 ft.) back from the

proposed public sidewalk to be located partially within a 1.06 m (3.5 ft.) wide statutory right-of-way to be registered along the lot's frontage as discussed below.

- The existing 134 m<sup>2</sup> (1,442 ft<sup>2</sup>) two-storey building located to the rear of the lot will have its upper floor removed and lower floor renovated to be in keeping with the design of the proposed front, one-storey building.
- The facility's parking lot is located on the north side of the lot with both buildings located to the south.
- The project provides an enhanced, engaging streetscape and casual surveillance of the public realm with a mini-plaza created by the stepping back of part of the building's front elevation.
- The stepping back of a section of the front building façade by 3.3 m (10.7 ft.) from the sidewalk which is generally in-line with the future high density buildings to be constructed to the south.
- The project includes a 1.5 m (5.0 ft.) landscaped buffer strip in the south side setback to the existing vacant lot and potential future high density buildings as envisioned by the CCAP.
- Along north side of the site, there is a proposed 1.0 m (3.3 ft.) wide landscaped buffer strip adjacent the parking lot on the adjacent lot and a 2.0 (6.6 ft.) high solid grey powder-coat, painted metal wall adjacent to the industrial building on the rear of the adjacent lot.

#### ***Architectural Form and Character***

While the project is comprised of two (2) telecommunication service buildings that are not typically occupied, the front building has been designed to have the appearance of inhabited commercial buildings by including articulated building façades with large window-like glass spandrel panels.

The project's character is further shaped by:

- The use of modern, high quality grey metal panels in combination with the large spandrel glass, window-like panels on the front and part of the south side elevation of the front building.
- There will be a mural included on the wall surrounding the staircase adjacent to the front façade of the building.
- The use of light Cherry finish non-combustible wood-grain panels on the soffits and higher sections of the building and dark charcoal horizontal metal siding on the lower sections of the front building provides visual interest. The existing rear building's vinyl siding is also proposed to be replaced with this same cladding.
- Exterior lighting of the north parking lot is provided by attractive sconce lights affixed to the north side of the building to illuminate the parking lot.
- Two (2) large air handling units, needed for the electronic equipment within the building, will be mounted on a platform located between the front and rear buildings so as to not be visible from River Road.

#### ***Landscape Design and Open Space Design***

- The side and rear of the site are enclosed with a black chain link fence while the River Road frontage of the site is enclosed by the front building and an architectural security gate with grey metal panels.

- Between the River Road frontage (with new sidewalk and boulevard) and the front building façade, there is a proposed mini plaza with a bench surrounded by planting beds of Oregon Grape, Salal and Blue Oat Grass.
- Three (3) Red Maple trees are proposed to be planted within the front setback and also provides for tree compensation for the two (2) on-site living trees to be removed.
- The 1.5 m (5.0 ft.) south side setback is landscaped with similar shrubs to those planted in the front.

***Crime Prevention Through Environmental Design***

- The site is completely enclosed with chain link fence, the security gate and the larger front building.
- The elevation of the front building and site landscaping has been designed to create a friendly pedestrian environment that will contribute to creating the surrounding pedestrian-oriented, urban environment.

***Legal Agreements***

The applicant will be registering three (3) legal agreements on Title as a condition of Development Permit issuance:

- A statutory right-of-way for one-half of the width (1.06 m (3.5 ft.)) of the River Road public sidewalk located on the site and for a future 4.0 m (13.1 ft.) by 4.0 m (13-1 ft.) corner cut at the northwest corner of the lot to allow for the future extension of Douglas Road along the north side of the slot.
- City's standard flood indemnification covenant.
- City's standard aircraft noise and indemnification covenant for aircraft noise non-sensitive uses.

**Conclusions**

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



Mark McMullen  
Senior Coordinator - Major Projects  
(604-276-4173)

MM:blg

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

- Development Permit Considerations in Attachment 2.



# City of Richmond

## Development Application Data Sheet

Development Applications Department

**DP 17-766428****Attachment 1**Address: 8480 River RoadApplicant: Shaw Communications Inc.Owner: Shaw Communications Inc.Planning Area(s): City CentreFloor Area Gross: 249 m<sup>2</sup>Floor Area Net: 249 m<sup>2</sup>

	Existing	Proposed
Site Area:	809.6 m <sup>2</sup>	809.6 m <sup>2</sup>
Land Uses:	Telecommunications Service Building	Telecommunications Service Building
OCP Designation:	Commercial	Commercial
Zoning:	Light Industrial (IL)	Light Industrial (IL)
Number of Units:	N/A	N/A

	Bylaw Requirement	Proposed	Variance
Floor Area Ratio:	1.2	0.31	none permitted
Lot Coverage:	Max. 80%	38.8%	
Setback – Front Yard:	Min. 3.0 m	3.0 m	
Setback – Side Yard (South):	Min. 0.0 m	1.5 m for building 0.22 m for air cond. units	
Setback – Side Yard (North):	Min. 0.0 m	>1.5 m	
Setback – Rear Yard:	Min. 0.0 m	1.6 m	
Height (m):	Max. 15 m	7.31 m	
Lot Size:	N/A	809.6	
Total off-street Spaces:	N/A	2	



## Development Permit Considerations

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

**Address:** 8480 River Road

**File No.:** DP 17-766428

Prior to approval of the Development Permit, the developer is required to complete the following:

1. Registration of a Statutory Right of Way with a 1.06 m width (for public sidewalk) and a 4.0 m by 4.0 m corner cut at the northeast corner of the property (for the future extension Douglas Road) shown on Schedule 'A' along the entire frontage of 8480 River Road to allow for public pedestrian and vehicle access and public utilities to be constructed by or for the developer under a City Work Order, with on-going City and other public utility company maintenance of the works.
2. Adherence to the arborist reports from McElanney Consulting Services Ltd. dated February 14, 2017 and June 5, 2017 regarding the protection tree nos. OS1 and OS2 on the adjacent lot at 8500 River Road.
3. Receipt of a Letter of Credit for landscaping in the amount of \$6,605.74 (based on the costs estimate provided by a CSLA registered landscape architect, including 15% contingency).
4. Registration of an aircraft noise indemnity covenant on title.
5. Registration of a flood plain covenant on title identifying a minimum habitable elevation of 2.6 m GSC.
6. City acceptance of the developer's offer to voluntarily contribute \$0.23 per buildable square foot (e.g. \$451.00) to the City's public art fund.
7. City acceptance of the developer's voluntary contribution in the amount of \$490.00 (i.e. \$0.25/ft<sup>2</sup> of buildable area, excluding affordable housing) to future City community planning studies, as set out in the City Centre Area Plan.

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

1. Enter into a City Work Order at the developer's sole cost for the design and construction of the works within and adjacent to River Road. Works include, but may not be limited to the works included the attached Schedule 'A'.
2. 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.
3. 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), Work Order 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,

Initial: \_\_\_\_\_

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 contains 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.

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Signed

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Date

**Schedule 'A'**  
**Engineering Servicing Works**

The following works must be constructed via a City Work Order at the developer's cost.

**Engineering Works**

**1. Water Works:**

Using the OCP Model, there is 256 L/s of water available at a 20 psi residual at the hydrant located at the southeast corner of River Road and West Road. Based on your proposed development, your site requires a minimum fire flow of 220 L/s.

- At the developers cost, the Developer is required to:
  - At building permit stage, submit Fire Underwriter Survey (FUS) or International Organization for Standardization (ISO) fire flow calculations to confirm the development has adequate fire flow for onsite fire protection. Calculations must be signed and sealed by a Professional Engineer and be based on Building Permit designs at Building Permit stage.
- At the developers cost, the City is to:
  - Complete all proposed watermain tie-ins.
  - Cut and cap at main the existing water service connection.
  - Provide a new service connection off of the existing watermain at River Road frontage.
  - Subject to the City's Fire Department review, provide a fire hydrant at the River Road frontage to meet the City's maximum 75 meter spacing between hydrants.

**2. Storm Sewer Works:**

- At the Developers cost, the City is to:
  - Cut and cap at main all existing storm service leads in the proposed site.
  - Remove the existing storm service leads and dispose offsite.
  - Provide a new storm sewer service connection off of the existing storm sewer at River Road.
  - Complete all proposed storm sewer tie-ins.

**3. Sanitary Sewer Works:**

- At the developers cost, the City is to:
  - Cut and cap the existing sanitary service lead at northwest corner of the proposed site.
  - Provide a new sanitary sewer service connection off of the existing sanitary sewer at River Road.
  - Complete all proposed sanitary sewer tie-ins.

**4. Frontage Improvements:**

- At the Developers cost, the Developer is required to:
  - Provide other frontage improvements as per Transportation requirements (below). Improvements shall be built to the ultimate condition wherever possible.
  - Provide pre-ducting at River Road frontage to facilitate future undergrounding of existing overhead lines.
  - Final confirmation on whether the existing BC Hydro pole at the northeast corner will conflict with the proposed driveway and confirm whether relocation of that pole is required. If required, it is the developer's responsibility to coordinate with private utility companies the relocation/modification of the existing pole.

Initial: \_\_\_\_\_



- Final confirmation from the developer and utility providers to determine if above ground structures are required now or in the future and coordinate their on-site locations (e.g. Vista, PMT, LPT, Shaw cabinets, Telus Kiosks, etc).
- To provide rights-of-ways to accommodate equipment and future under-grounding of the overhead lines.
- Locate all above ground utility cabinets and kiosks required to service the proposed development within the developments 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 right of way requirements and the locations for the aboveground structures. If a private utility company does not require an aboveground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of SRWs that shall be shown in the functional plan and registered prior to SA design approval:
  - BC Hydro Vista - Confirm SRW dimensions with BC Hydro
  - BC Hydro PMT – Approximately 4mW X 5m (deep) – Confirm SRW dimensions with BC Hydro
  - BC Hydro LPT – Approximately 3.5mW X 3.5m (deep) – Confirm SRW dimensions with BC Hydro
  - Street light kiosk – Approximately 2mW X 1.5m (deep)
  - Traffic signal controller cabinet – Approximately 3.2mW X 1.8m (deep)
  - Traffic signal UPS cabinet – Approximately 1.8mW X 2.2m (deep)
  - Shaw cable kiosk – Approximately 1mW X 1m (deep) – show possible location in functional plan. Confirm SRW dimensions with Shaw
  - Telus FDH cabinet - Approximately 1.1mW X 1m (deep) – show possible location in functional plan. Confirm SRW dimensions with Telus

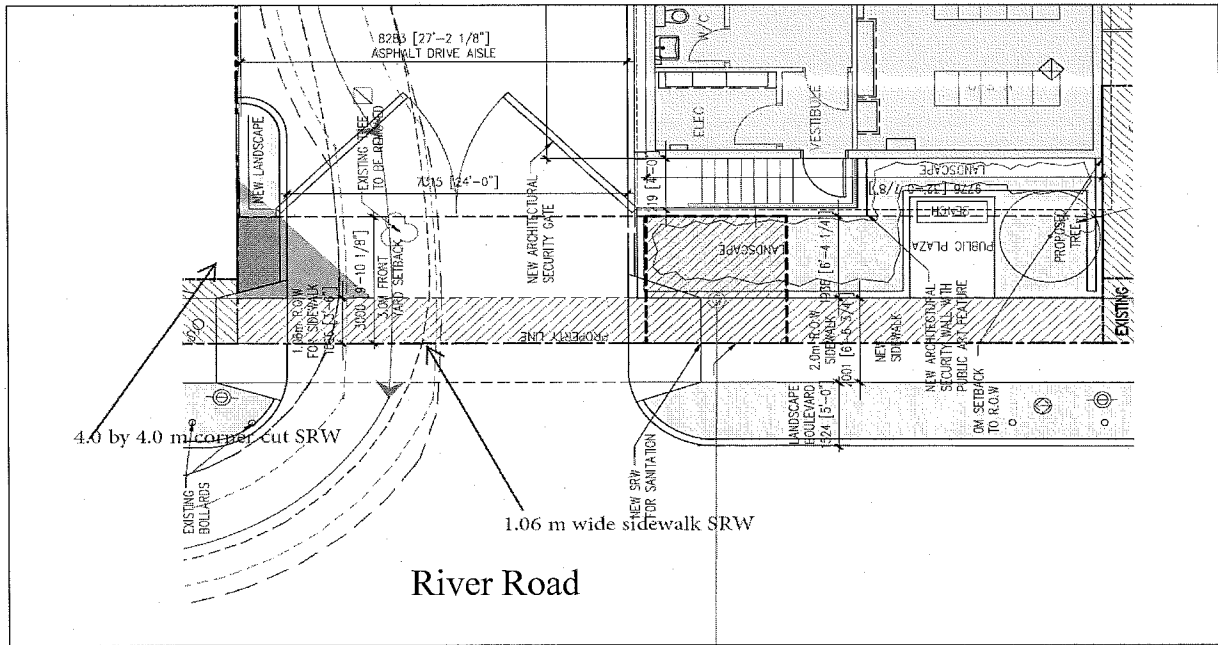
## 5. General Items:

- At the developers cost, the Developer is required to provide, prior to the Work Order being completed, a geotechnical assessment of preload and soil preparation impacts on the existing utilities (e.g., AC watermain, etc.) fronting or within the development site and provide mitigation recommendations.

## Transportation Works

1. Along the entire River Road frontage, the developer is responsible for the design and construction of a new 2.0m wide concrete sidewalk, 1.5m wide treed boulevard, 0.15m wide curb/gutter, while maintaining/providing a min. 6.0m wide paved driving surface and 1.0m wide paved shoulder to the railway with necessary transitions to the existing roadway on either side of the subject lot.
2. A driveway letdown (as opposed to curb return as proposed) needs to be provided off River Road.

Initial: \_\_\_\_\_





# City of Richmond

## Development Permit

**No. DP17-766428**

To the Holder: SHAW COMMUNICATIONS INC.

Property Address: 8480 RIVER ROAD

Address: C/O KATHLEEN GIBNEY  
WENSLEY ARCHITECTURE  
301 - 1444 ALBERNI STREET  
VANCOUVER, BC V6G 2Z4

1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.
2. This Development Permit applies to and only to those lands shown cross-hatched on the attached Schedule "A" and any and all buildings, structures and other development thereon.
3. Subject to Section 692 of the Local Government Act, R.S.B.C.: buildings and structures; off-street parking and loading facilities; roads and parking areas; and landscaping and screening shall be constructed generally in accordance with Plans #DP17-766428-1 to #DP17-766428-9 attached hereto.
4. Sanitary sewers, water, drainage, highways, street lighting, underground wiring, and sidewalks, shall be provided as required.
5. As a condition of the issuance of this Permit, the City is holding the security in the amount of \$6,605.74 to ensure that development is carried out in accordance with the terms and conditions of this Permit. Should any interest be earned upon the security, it shall accrue to the Holder if the security is returned. The condition of the posting of the security is that should the Holder fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the City may use the security to carry out the work by its servants, agents or contractors, and any surplus shall be paid over to the Holder. Should the Holder carry out the development permitted by this permit within the time set out herein, the security shall be returned to the Holder. The City may retain the security for up to one year after inspection of the completed landscaping in order to ensure that plant material has survived.
6. If the Holder does not commence the construction permitted by this Permit within 24 months of the date of this Permit, this Permit shall lapse and the security shall be returned in full.

# Development Permit

No. DP17-766428

To the Holder: SHAW COMMUNICATIONS INC.

Property Address: 8480 RIVER ROAD

Address: C/O KATHLEEN GIBNEY  
WENSLEY ARCHITECTURE LTD.  
301 - 1444 ALBERNI STREET  
VANCOUVER, BC V6G 2Z4

---

7. The land described herein shall be developed generally in accordance with the terms and conditions and provisions of this Permit and any plans and specifications attached to this Permit which shall form a part hereof.

This Permit is not a Building Permit.

AUTHORIZING RESOLUTION NO.  
DAY OF

ISSUED BY THE COUNCIL THE

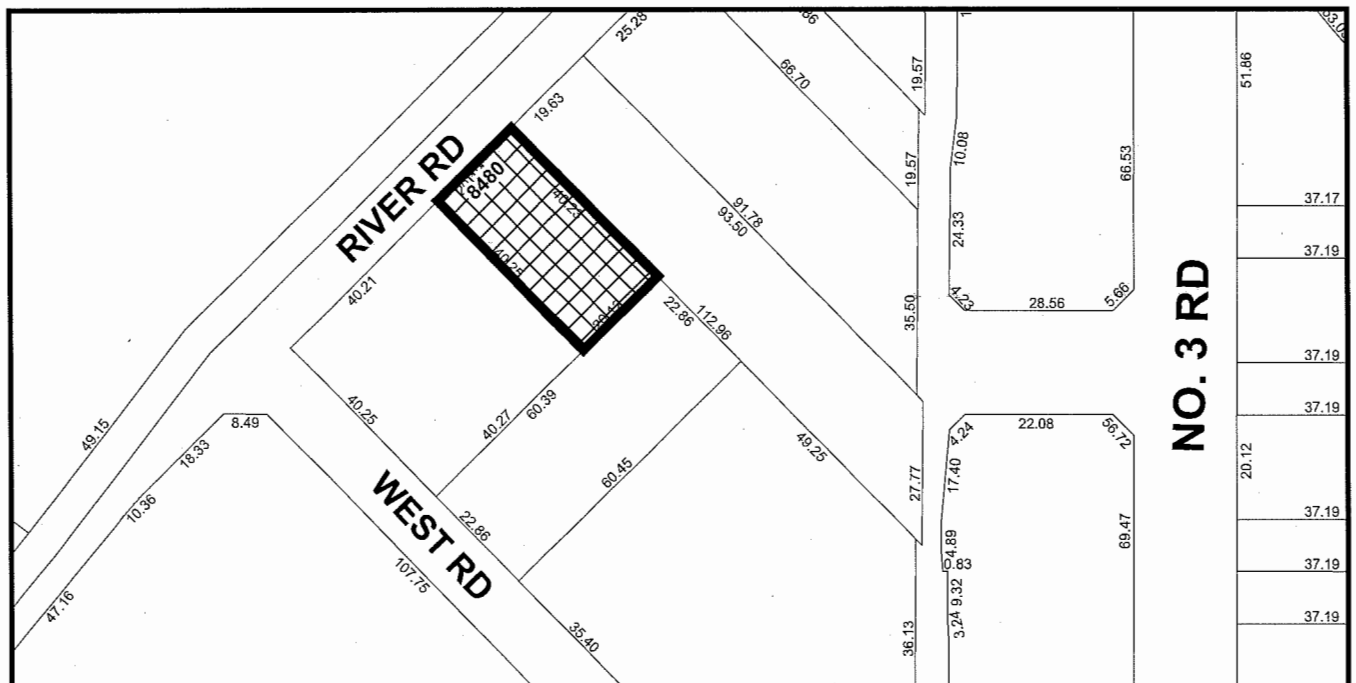
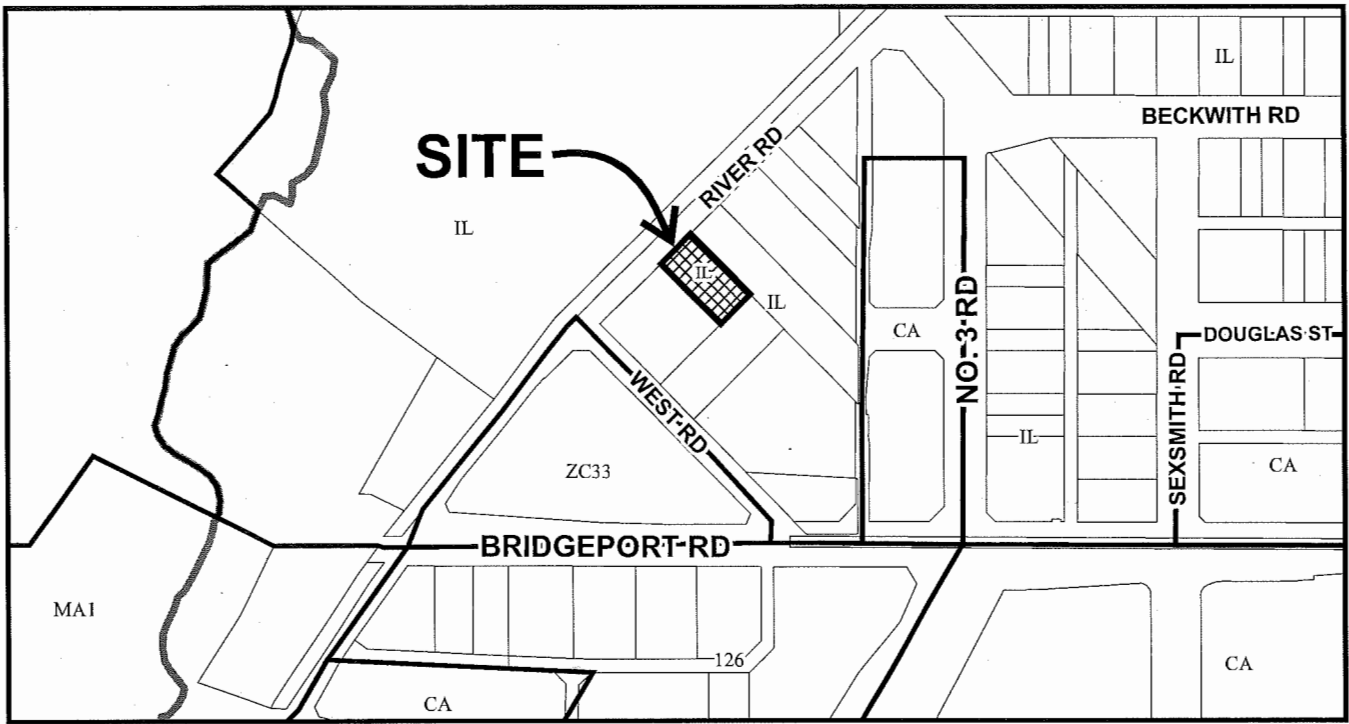
DELIVERED THIS DAY OF , .

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MAYOR



# City of Richmond



**DP 17-766428**  
**SCHEDULE "A"**

Original Date: 04/13/17

Revision Date: 05/04/17

Note: Dimensions are in METRES





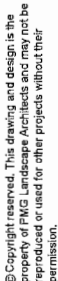












Suite C100 - 4185 Still Creek Drive  
Burnaby, British Columbia, V5C 6G9  
p: 604 294-0011 • f: 604 294-0022

1. The first step in the process is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

2. The second step is to gather information. This includes researching the problem, identifying relevant stakeholders, and collecting data.

3. The third step is to analyze the information. This involves identifying the root causes of the problem and evaluating the available options.

4. The fourth step is to develop a plan. This involves selecting the best option and creating a detailed plan of action.

5. The fifth step is to implement the plan. This involves putting the plan into action and monitoring progress.

6. The sixth step is to evaluate the results. This involves assessing the effectiveness of the plan and making adjustments as needed.

7. The seventh step is to communicate the results. This involves sharing the findings with stakeholders and providing feedback.

8. The eighth step is to document the process. This involves creating a record of the steps taken and the results achieved.

9. The ninth step is to review the process. This involves reflecting on the experience and identifying areas for improvement.

10. The tenth step is to share the knowledge. This involves disseminating the findings and lessons learned to others.

4	2017 06 12	NORTH PL LANDSCAPE BED
3	2017 06 09	CITY RESUBMISSION
2	2017 05 23	REVISED LANDSCAPE
1	2017 03 13	REVISED LANDSCAPE
NO.	DATE	REVISION DESCRIPTION
DR.		

**PROJECT:**

8480 RIVER ROAD  
RICHMOND, B.C.

**DRAWING TITLE:**

## LANDSCAPE PLAN

DRAWING NUMBER: L-1 OF 2

DATE: 17.FEB.15

SCALE: 1:100

DRAWN: MM

DESIGN: MM

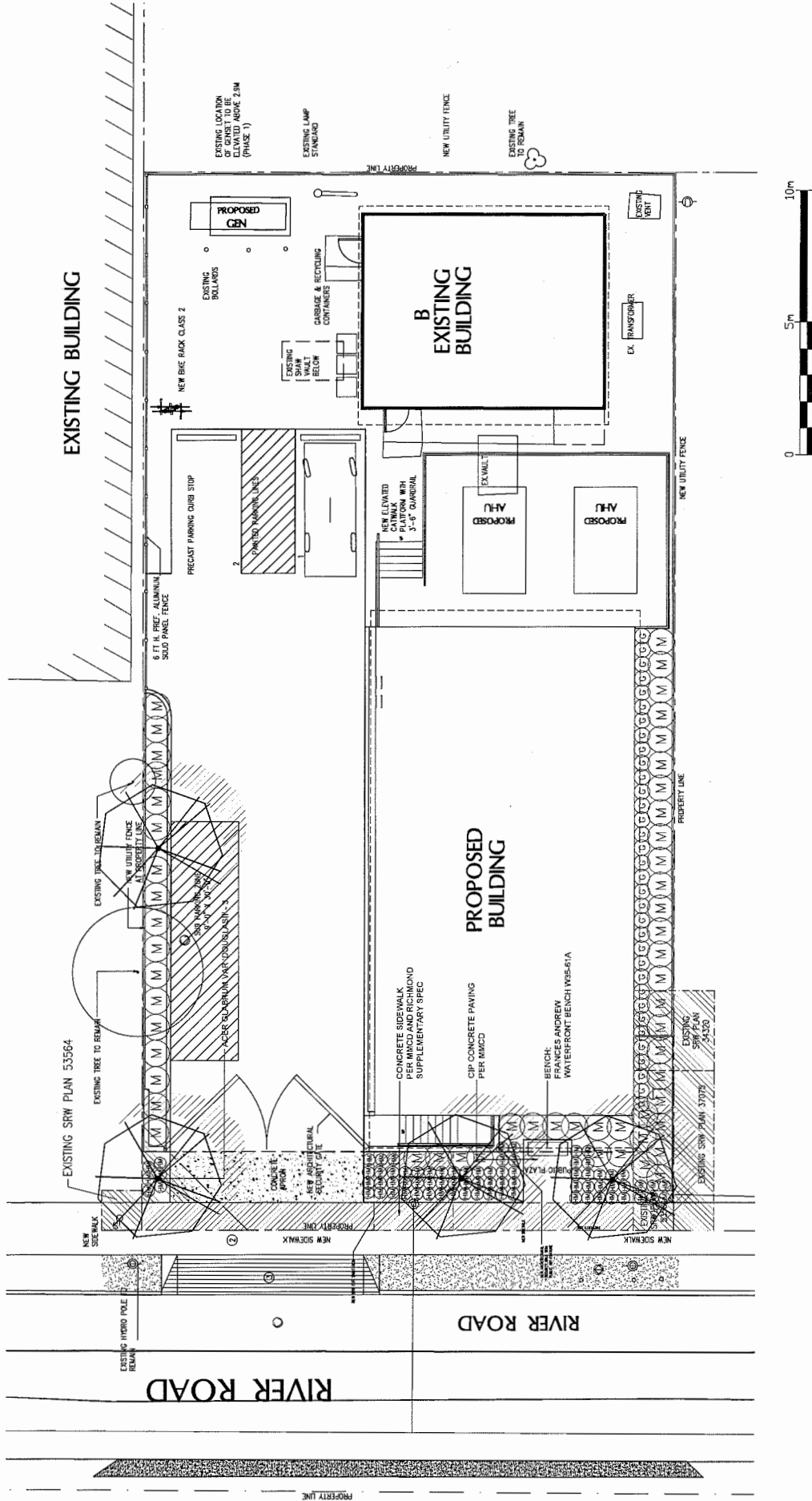
CHKD:

PMG PROJECT NUMBER:

17018-5.ZIP

PLANT SCHEDULE			COMMON NAME	PLANTED SIZE / REMARKS	PING PROJECT NUMBER: 17-018
TREE	4	ACER GLABRUM VAR. DOUGLASSII	DOUGLAS MAPLE	6CM CAL. 1.5M STD. BA.B	
SHRUB	55	MAHONIA ACUTIFOLIUM	OREGON GRAPE HOLLY	#2 POT. 40CM	
GRASS	77	HELICTOTRICHON SEMIFLAVESCENS	BLUE OAT GRASS	#1 POT. 40CM	
DC	34	GAULTHERIA SHALLOON	SALAL	#1 POT. 20CM	

NOTES: \* PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE CANADIAN LANDSCAPE STANDARD, LATEST EDITION. \* PLANT SPECIFICATIONS ARE DEFINED AS PER CANA STANDARDS, BUT PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. \*\* REFER TO SPECIFICATIONS FOR OPTIONAL CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. \* SEARCH AND REVIEW MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. \* AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND FRASER VALLEY. \* SUBSTITUTIONS OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF 10 DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED CANADIAN LANDSCAPE STANDARD'S LATEST EDITION. ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY.



17018-5.ZIP

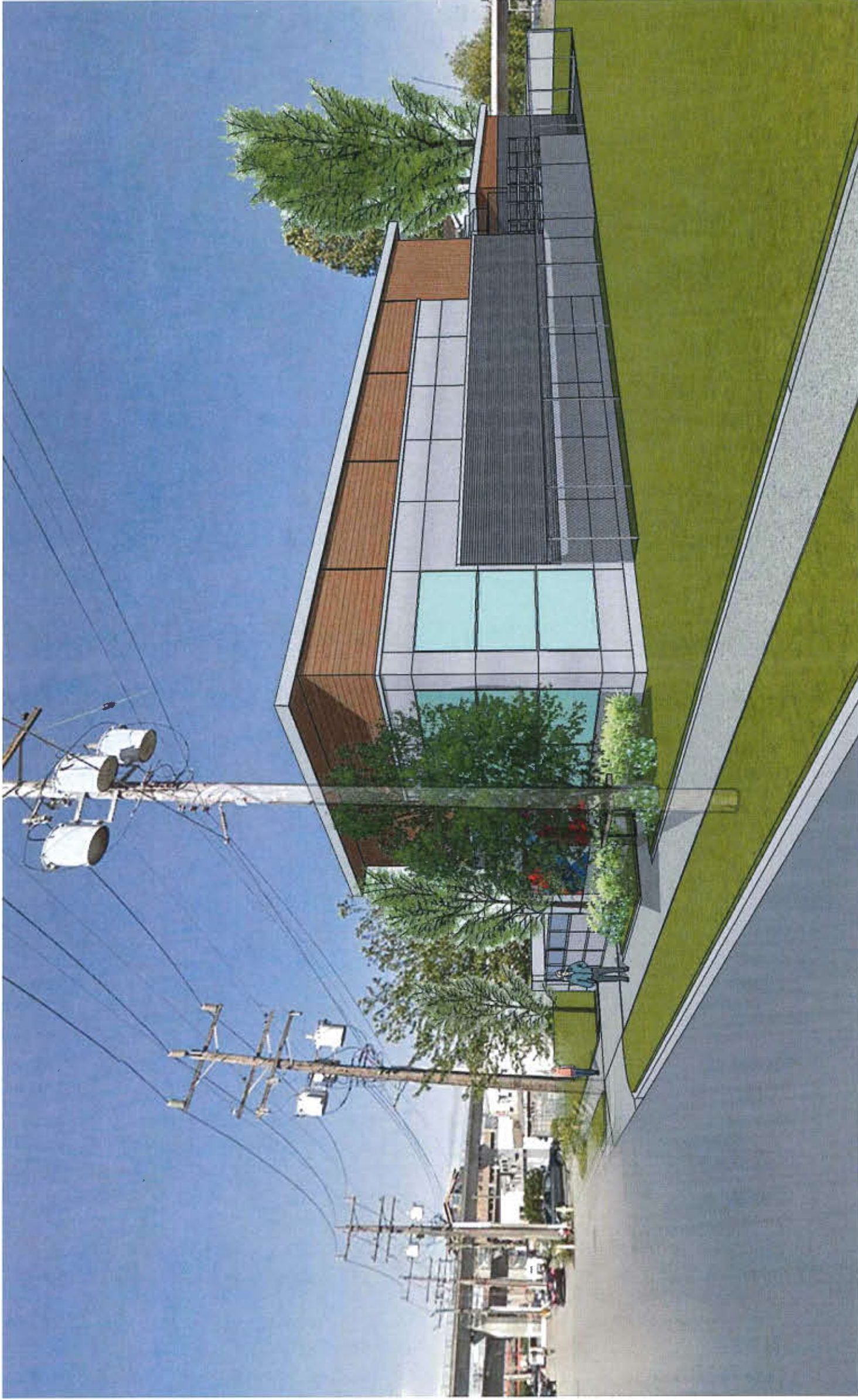
**17-018**

OF 2





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Shaw)

SHAW COMMUNICATIONS INC.  
2728 HOPEWELL PLACE NE,  
CALGARY AB

[illegible]

SEAL:

PROPOSED  
SHAW RICHMOND  
HUB

8480 RIVER ROAD  
RICHMOND, B.C.



3011 - 1444 Alberni St.  
Vancouver, BC V6G 2Z7  
tel 604.685.3529 fax 604.685.4571  
info@bionicseducation.ca

CONSULTANTS:  
STRUCTURAL  
WSP GROUP  
MECHANICAL  
REINHOLD ENGINEERING  
ELECTRICAL  
DESIGNCORE ENGINEERING LTD  
LANDSCAPE  
PINE LANDSCAPE ARCHITECTS

**DRAWING TITLE:**

## RENDERING CONTEXT

PROJECT NO:	1662	DRAWN BY:	CS
SCALE:	N.T.S.	DRAWING NO:	
DATE:	MAY 2017		

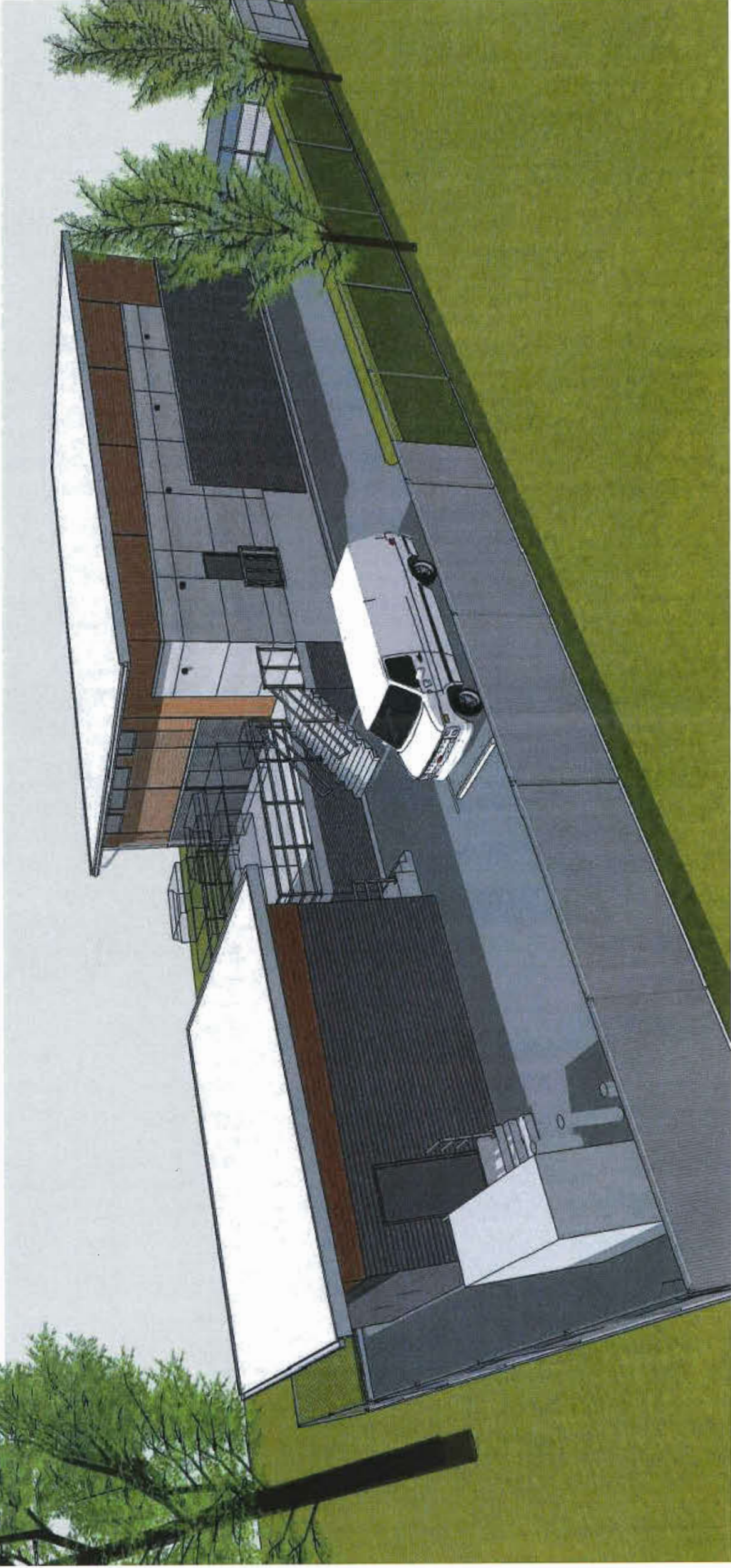
DP 17-766428 - Reference







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SHAW COMMUNICATIONS INC.  
2728 HOPEWELL PLACE NE,  
CALGARY AB

[illegible]

SEAL:

# PROPOSED SHAW RICHMOND HUB

8480 RIVER ROAD  
RICHMOND, B.C.



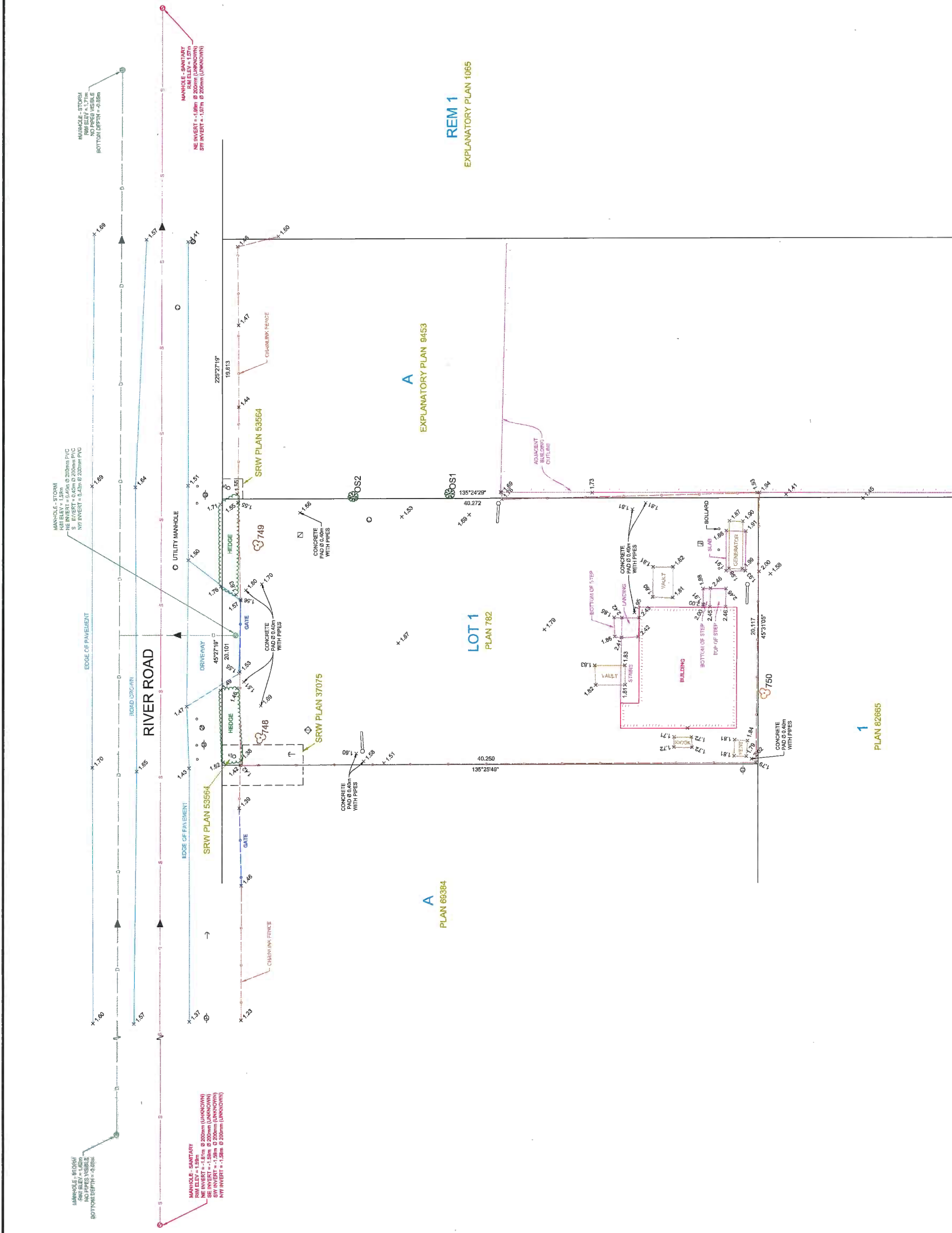
CONSULTANTS  
STRUCTURAL  
HSP GROUP  
MECHANICAL  
REINHOLD ENGINEERING  
ELECTRICAL  
DESIGNCOPE ENGINEERING LTD.  
LANDSCAPE  
PMG LANDSCAPE ARCHITECTS

DRAWING TITLE:  
**RENDERING 2**

PROJECT NO:	1682	DRAWN BY:	CS
SCALE:	1:100	DRAWING NO:	A60
DATE:	MAY 2017		

OP 17-766428





NOTES

- DIMENSIONS ARE DERIVED FROM PLAN FIELD MEASUREMENTS.  
-ELEVATIONS ARE GEODETIC, IN METRES  
-DERIVED FROM INTEGRATED MONUMENT NO. 71744652  
-LOCATED AT THE INTERSECTION OF SEMITH ROAD  
AND BRIDGEPORT RD. CITY OF RICHMOND.
- THIS PARCEL MAY BE AFFECTED BY THE FOLLOWING DOCUMENTS:
- |                        |        |  |
|------------------------|--------|--|
| STATUTORY RIGHT OF WAY | FZ2465 | BRITISH COLUMBIA HYDRO AND POWER AUTHORITY |
| STATUTORY RIGHT OF WAY | RDR046 | TOWNSHIP OF RICHMOND                       |
- ZONING REGULATION AND PLAN UNDER THE RECREATION ACT (CANADA) FILED 02.2.1981 UNDER NO. 117054 PLAN NO. 51218

**LEGAL DESCRIPTION:**

PID #: 002-180-171  
LOT 1  
SECTION 21, BLOCK 5 NORTH, RANGE B WEST  
NEW WESTMINSTER DISTRICT  
PLAN 752

THIS TOPOGRAPHIC PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROFESSIONAL REFERENCE MANUAL AND IS CERTIFIED CORRECT THIS 25th DAY OF JANUARY, 2017.

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[illegible]

DP 11-100400 - Reference