

Development Permit Panel

Council Chambers, City Hall 6911 No. 3 Road Wednesday, June 28, 2017 3:30 p.m.

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	Motion to adopt the minut 2017.	es of the Development Permit Panel meeting held on June 14,
1.	Development Permit 17 (REDMS No. 5406662 v. 5)	7-766428
	APPLICANT:	Shaw Communications Inc.
	PROPERTY LOCATION:	8480 River Road
	Director's Recommendat	ions
	_	nit be issued which would permit the construction of a new ces building and renovate an existing building at 8480 River ht Industrial (IL)".
2.	New Business	

3. Date of Next Meeting: July 12, 2017

4. Adjournment





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 m2 (281,241 ft2), 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.

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.

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.

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 m² (281,241 ft²), 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

- 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.

Joe Erceg Chair Rustico Agawin Auxiliary Committee Clerk

Schedule 1 to the Minutes of the Development Permit Panel meeting held on Wednesday, June 14, 2017.

MayorandCouncillors

From:

annel200 . <annel200@gmail.com>

Sent:

Friday, 9 June 2017 00:26

To: Subject: Day, Carol; Mayorand Councillors
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



Report to Development Permit Panel

To:

Development Permit Panel

Date:

June 12, 2017

From:

Wayne Craig

File:

DP 17-766428

Re:

Director, Development

Application by Shaw Communications Inc. for a Development Permit at

8480 River Road

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 m² (1,959 ft²) telecommunications services building at 8480 River Road on a site zoned "Light Industrial (IL)". The 809.5 m² (8,713 ft²) site also currently contains a two-storey, 134 m² (1,442 ft²) service building which will have its upper floor removed and the 67 m² (721 ft²) 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 m² (1,959 ft²) 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 m² (1,442 ft²) 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.



Development Application Data Sheet

Development Applications Department

DP 17-766428	3		Attachment 1
Address: 848	30 River Road		
Applicant: Sha	aw Communications Inc.	Owner:	Shaw Communications Inc.
Planning Area(s	s): City Centre		
Floor Area Gros	ss: 249 m²	Floor Area Net:	249 m ²

	Existing	Proposed
Site Area:	809.6 m ²	809.6 m ²
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.: <u>DP 17-766428</u>

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

- 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 Februray 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/ft² 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'.
- 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 prohibi	tions on the removal or disturbance of both birds and their nests. Issuance
1 1	ty to contravene these legislations. The City of Richmond recommends
,	he services of a Qualified Environmental Professional (QEP) be secured
to perform a survey and ensure that development activiti	es are in compliance with all relevant legislation.
Signed	Date
g	

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

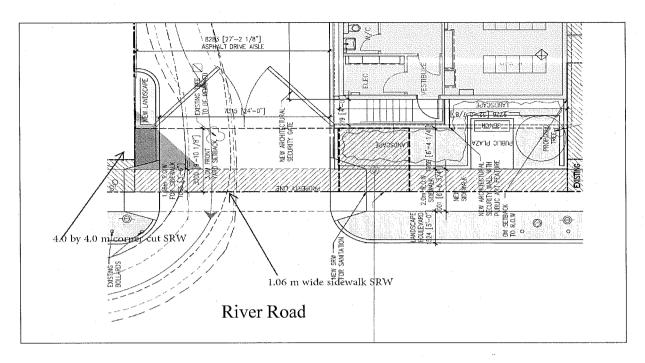
5. General Items:

• 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:	





Development Permit

No. DP17-766428

To the Holder:

SHAW COMMUNICATIONS INC.

Property Address:

8480 RIVER ROAD

Address:

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

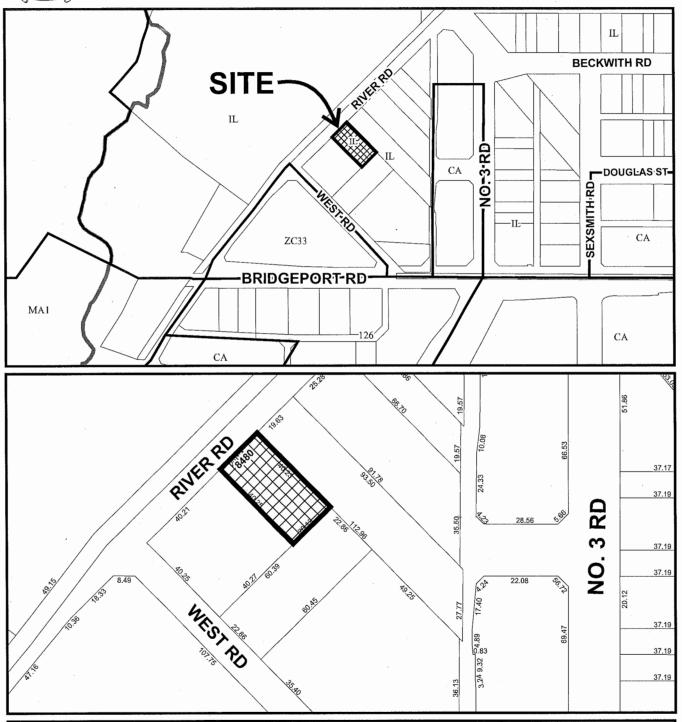
- 1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.
- 2. This Development Permit applies to and only to those lands shown cross-hatched on the attached Schedule "A" and any and 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 COMMU	JNICATIONS INC.	
Property Address:	8480 RIVER R	OAD	
Address:		CHITECTURE LTD. BERNI STREET	•
	sions of this Permit a		ance with the terms and fications attached to this
This Permit is not a I	Building Permit.		
AUTHORIZING RESOI DAY OF ,	LUTION NO.	ISSUED BY TE	HE COUNCIL THE
DELIVERED THIS	DAY OF	,	
MAYOR			s.



City of Richmond





DP 17-766428 SCHEDULE "A" Original Date: 04/13/17

Revision Date: 05/04/17

Note: Dimensions are in METRES

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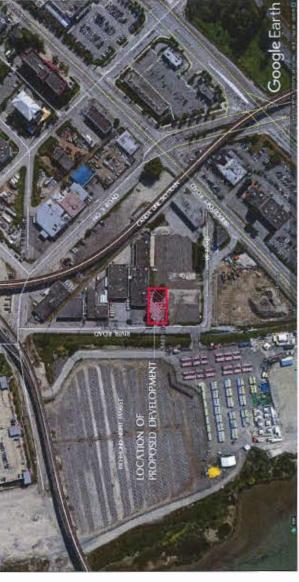
ARCHITECTURAL DRAWING LIST:

CONTEXT PLAN PLAN COVER/ CC SURVEY PL/ SITE PLAN A000 A001 A100 A200 A301

VEHICLE TURNING TEMPLATE
FLOOR PLANS BUILDING A & B
PROPOSED ELEVATIONS BLDG A
PROPOSED ELEVATIONS BLDG B
BUILDING SECTIONS
CONTEXT RENDERING
3D RENDERING
3D RENDERING A400 A500 A600 A601

LANDSCAPE DRAWING LIST:

LANDSCAPE PLAN LANDSCAPE SPECIFICATIONS



CONTEXT PLAN NTS.

LEGAL ADDRESS: LOT 1 , SECTION 21, BLOCK 5 NORTH, RANGE , 6 WEST, NEW WESTMINSTER DISTRICT, PLAN 782 , PID#002-180-171



COMMENT RESPONSE SUBMITTAL JUNE 9, 2017

SHAW COMMUNICATIONS INC. 2728 HOPEWEL PLACE NE, CALGARY AB Shaw)

SHAW RICHMOND HUB **PROPOSED**

8480 RIVER ROAD RICHMOND, B.C.



COVER

A000

17-766428 -6

ELEVATIONS BUILDING A

Wensley Architecture Itd

8480 RIVER ROAD RICHMOND, B.C.

PROPOSED SHAW RICHMOND HUB

SHAW COMMUNICATIONS INC. 2728 HOPEWELL PLACE NE, CALGARY AB

UNIUTY FINCE — BLACK WINT, CONTRO CHAIN LI PRIVACY HEDGE, SHOWN, IS BINGRAMMATIC CHLY LANDSCAPE, FOR SPECIFIC PLANTING MATERIAL.

PROJECT EAST)

2 BUILDING ELEVATION (LOOKING PROJECT SOUTH)

1 BUILDING ELEVATION (LOOKING

BUILDING ELEVATION (LOOKING PROJECT WEST)

4 BUILDING ELEVATION (LOOKING PROJECT NORTH)

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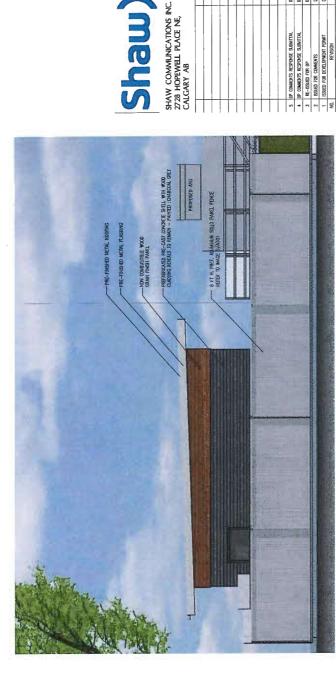
FROMET NO. 1802 | DRAWN DT. CS
SCALE. 1:100 | DRAWN ND.

DATE: MAY 2077 | A301

COPPRIOR RESERVED. ALL PARIS OF THIS DRAWNG ARE THE EXCLUSIVE PROPERTY OF WINNSET ARCHITECTURE. LTD. AND SHALL NOT BE USED INFOLD THE ARCHITECTS PERMISSION! ALL DINENSOUS SHALL BE VERHED BY THE CONTRACTOR PRIOR TO PROCEEDING WITH THE WORK.

STATE ALUM, FENCE

NIS PRESSOR IMAGE FOR DR. COLOR TO R. LIGHT COCT.



(2) BUILDING ELEVATION (LOOKING PROJECT SOUTH)

(1) BUILDING ELEVATION (LOOKING PROJECT EAST)

05/09/17 05/05/17 05/23/17 05/17/17 03/20/17 M/D/Y



8480 RIVER ROAD RICHMOND, B.C.

(4) BUILDING ELEVATION (LOOKING PROJECT NORTH)

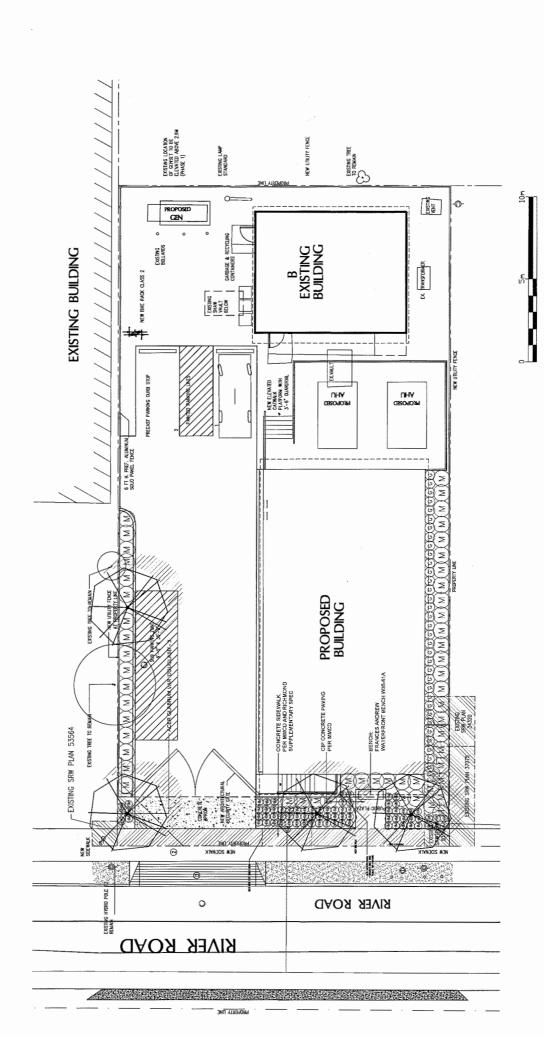
ELEVATIONS BUILDING B



(3) BUILDING ELEVATION (LOOKING PROJECT WEST)

DP 17-706428-7

	Ď –	PLANI SCHEDULE		PMG PROJECT NUMBER: 17-018
KEY	aTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
TREE S	4	ACER GLABRUM VAR. DOUGLASII	DOUGLAS MAPLE	6CM CAL; 1.5M STD., B&B
3 (a)	18	MAHONIA AQUIFOLIUM	OREGON GRAPE HOLLY	#2 POT; 40CM
E E	4	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	#1 POT; 46CM
, (O	34	GAULTHERIA SHALLON	SALAL	#1 POT; 20CM
S PER CNI ONTAINER	PLANT:	SIZES IN THIS LIST ARE SPECIFIED ACCORDING NUMBERS SOFT HEART SEE SUREMENTS AND CONTAINER SUREMENTS AND OTHER PLAYT MATERIAL REG SCAPE ARCHITECT AT SOURCE OF SUPPLY. AR	NOTES: • PLANT SIZES INTHIS LIST ARE SPECIFIED ACCORDING TO THE CANADAN LANDSCAPE STANDARD, LATEST EDITION, CONTAINER SIZES SPECIFIED AS PER CIVILA STANDARDS. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMAN ACCEPTABLE SIZES. • PEPER TO SPECIFICATIONS FOR DETRINED CONTAINER MAND FORM THAT REAL AND CHAPE THAT MAND FAUNT REIDA, AND THAT BLANDARD AND THATE AND AND THAT BLANDARD AND THAT SILESTITIONS.	SISTEDTION, CONTAINER SIZES SPECIFIED FER TO SPECIFICATIONS FOR DEFINED THE WATCHLEY. SUBSTITUTIONS:
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SHAW BUILDING

8480 RIVER ROAD RICHMOND, B.C.

DRAWING TITLE:

LANDSCAPE PLAN

DATE: 17,FEB.15
SCALE: 1:100
DRAWN: MM
DESIGN: MM
CHKD:

17-018

PART THREE SOFT LANDSCAPE DEVELOPMENT - CONT	3.9 ISTROCOMOTHANTE There's support print for this section. 1 When There of "statistical" measures are proported for the section of the There's and the first of the there are electron to the there of "statistical" measures in the section of the
	ded plan hatherid for a relatively about period of line to ensure of excepts the close to obtain the dearest effect from the planing white reducing the rate of except the obtained reportation including cultivated as

4. So have it sigken in the inspection at habitantic properties of the growth of the state of the parameter profession and the control of the state of the parameter profession and the state of the sta

Suite C100 - 4185 Still Creek Driv Burnaby, British Columbia, V5C 6G p: 604 294-0011 ; f: 604 294-002

 Pobenia Congry with Part Two of this specification.
 For History of the respirance of the Constitution of Standard formulations and other accepted by not beeing. .6 Maintenance Level Comply with B. C. Landscape Standard, Section 16, Table 16.2, Maintenance Level 2 "Groomed"

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5. Schooling Prepare a schooling a anticated width and school to designated representative at start-up. Nathement operations shall be corried out prodominately during the growing second between March Sci and Revender 30th, however wisds at other liters of the year may be required. Najor Species Kentucky Blue for sun, Pescuss for shade Time of Sodding. Soid from April 1st to October 1st. Further extensions may be obtained on concurrence of the Landscape Architect. Sed Suppty: Conform to all conditions of Canadan Landscape Standard, Section 8, B.C. Standard for Turfyrass Sod Ocality Grade
No. 1 Premium
No. 2 Standard
see tydroxeeding 5 Specified Linguisty area finds in Edu 2 Men.

184.2.2 serveron 1 marquists for Alexa

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T. Fertition Refer to Scrim 22.2 Pakerids, Scrim Apply specified betiling at rates shown the required soil leaf. Apply with a reclaim of species. Colliste this growing restoal between prior to soiling, Apply species from the.

3. Nationace Beginnsheest invokative into solds and collect to Beginning Complete and estimated by the born. Public solds are interested with the factor and the factor into the sold and a property of the factor and the factor and the factor into the factor into the sold and a property of the factor into the sold and a problem of 2 for 12 found a little described in the factor into 2 for 12 found a little described in the factor into 2 found and a little described in the factor into 2 found and a little described in the factor into 1 found and a little described in the factor in th

19. Acquisite of Land Arege. The fold has be reprosedy well established, with on approach for the circle of the Carolina Established Household and the Carolina of Soft for the Carolina of Carolina of Carolina (Soft for the Carolina of Carolina Soft for the Carolina of Carolina of Carolina of Carolina of Carolina of Carolina Soft for the Carolina of Carolina of Carolina Soft for the Carolina of Carolina of Carolina of Carolina Soft for Carolina of Carolina Soft for Carolina of Carolina of Carolina Soft for Carolina October 1971 (1972).

FANTS AND PLATINGS. 1. Confrom to placing signal as shown on Landscape Planes. 2. Objets opposate all Landscape Accided for layor of and properties of platings prior to commercement of platings speculiess.

4. The official states are greaterers out designated that we award for such web as determined by local verbine conditions on the successful equipales of plants in their not localism. 3 Make edge of bads with smooth clean defined lines.

If there is the county debied of complained from greep poor to proceed of seed and plant or made.

1 State the county of the cou 1. Unions otherise instructed in the Central Decembrit, the proparation of the subsystem shall be the responsibility of the Central Decembrit. The proparation of the subsystem of Subsystem of Subsystems of Subsystems

Place the anended growing medium in all grass and planting areas. Spread growing reduits in utilizat layers and exceeding 6's standing value.

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n stage of Politics of the Stage of the Control configuration and the Stage of the Stadio of the Stage of the Control of the Stage of the Control of the Stage of

3. Exervition The reast and systems to assert shaped here gift to the depth of the routball and to at least holes the vidit of the routball. Assure that forebad greek is all fail origing systems at:

5. Hamsally spread growing needlar/planking said around estiting frees, sbribs and obstacles. 6. In perineler seeded grass areas, (enther growing needlan out to moltling at bolges and benel into estiting grades

SHAW BUILDING

8480 RIVER ROAD RICHMOND, B.C.

DRAWING TITLE:

LANDSCAPE SPECI_ICATIONS

DATE: 17.FEB.15 SCALE: DRAWN: MM DESIGN: MM

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Hork includes supply of all related flows and performing all consists of the following:

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X08 - 05 10 - 25% if Dry Height of Growing Mediun Excludi 70 - 0T 5.15% 20 - 80% ¥22-14 2 -0 22 -0 22 -0 Jano: Larger than 0.05mm smaller than 2.0mm larger Han 0.002mm smaller Han 0.05mm

A. Oganic Additive Competial conpast product to the requirements of the Canadam Landarage Standard, latest edition and pre-approved by the Recommended suppliers. The Assure Gordon Products, Frasen Richards Sits & Stream Organics Atlangement. 5 Sand Clean, weaked parps sand to meet requirements of the Canadian Landscape Standard

Compated Bark Holden Whare IDA's intens Ferchand och bark chips and fines, free of chanks and alicks, dark brown is estimated nather. Fresh orange in colour bark will be rejected.

8. Filler fairs. A non-biology-active bianed or other fillering meetinane had will allow the passage of valve but not fine saliparities. Goth as Mikkil 4.0 M, (EQQ) M M MOSO USS or allowed pre-approved by the Landscape Architect? 9 Drainge Piping if respired i Schedde de PVC nominal sizes. 10 Drain Rodin: Clean, roomd, ivert, derabble, and have a maximum size of 19mm and

. II that takerisk To the requirements of the Canadan Londscape Stendard. Refer to 33, Plants and Planting. All plant material must free matery. Provide proof of certification. Sed Refer Is individual sections in this specification.

. O. Sapiler animalates of separata black white to praise expressed traving for all value about and receiving to all to be constanted in all values of the control of the c Miscellaneous: Any other material necessary to complete the project as shown on the drawings and described herei

y och an side, prodet inföldad frees or yönd gougings bidsched as retabed on landscape plans as regatilion retention areas. Stanses the Landscape Architect voll haj trees or areas for tenion Discuss free retention areas at a start-up neeting vith the Landscape Architect 2. Aphysical basties west be installed to delineate dearing boundaries. Refer to physical barrier defaul. If detail not provide PART THREE SOFT LANDSCAPE DEVELOPMENT

2. Constan i percept Strucket, University to N. Constan Scotly of Leuchesp Accident and this Constan Leuchesp Assers p Assersition, pluits all west was strictly and set was presented by the specifications or as derived by Landscape Activities with the services and set of the set of the section of the sect

PART ONE GENERAL REQUIREMENTS

3 MASTER MINCPAL SPECIFIATIONS & STANDARD OCTALS, 2001 edition, prepared by the Corveting Enginees of British Colombia, Roadwolders and Mary Construct Association, and the Maniqual Engineers Ornison

4. STANDAND FOR LANDSCAPE FINGATION SYSTEM, 2008 Prepared by the Inspatien beloatly Association of British Columbia.

MUNCHAL BYLAMS AND ENGNEERING SPECFICATIONS WHERE NOTED.

LLAN ARGES - VOXDORS.

1. General, in rest all serse defined in Lans areas as the Landscope place belowers in the project including all belowers in the page of make the landscope of the project including all belowers in the landscope of the lan

PART THREE SOFT LANDSCAPE DEVELOPMENT - CONT

.6 No debris fixes, cleaning fires or frash burning shall be permitted within vegetation retention areas.

 Any densy to calling regardina latented for preservition till to subject to endostion by an LLSA. Conflicted Antonial using the "disk for Float Angustus". Eight Edition 19.
 The prisoned passing of equivalent free in the distribution of the registres of the foreign end of the registress parallel for the Conservation of the registress of parallel gold by the throughout of the General Conservation and of the registress parallel for the General Conservation and of the registress parallel for the Conservation and Conservati No exceptions, drain or service freaches nor any other disruption shall be permitted within registration. 3 De not out branches or roofs of retained frees without the approval of the Landscape Architect.

A current bot near then me mouth lest for all graving modes to be used on this site in regirent. Previous proper principles and previous members and separate for the present. Befor in Salama St. Oranies Policies and Separate for the present.

Principles of procedures.

2 Onne reserve the right to test or re-test naturids. Contractor responsible to pay for testing if naturids do not need specification

. Any alement products offening from that contained in the contract securests receive pre-suproved by the Landscape Architect.

Schoolstat to consist or product supple or numbelaturer's product exception.

. Il in altoritora when required construction may disturb existing regelation introded for preservation, contact Landscape Architect for review print to connecting construction. .19 In exactopablies with specific free retention/replacement bylaws ensure compliance to bylaws

1 GAIGS I There subject imprement to common to against equation in Superson States (when particular data to unlikely there, proper In the example of the prement in control to the particular Superson State to climinate the schooling state and control to the side ground states in the side growing plan. 10. December of the Lancing Andrell's Closing with Proven and Arry the Indicago Andrell is the deposit relicion. The Lancing Andrell's Closing with the Provention and Andrell's Closing with the Companies an associate in the Companies and Andrell's Closing and Andrell's Closing Andrell and Andrell's Closing Andrell and Andrell's Closing Andrell's Closing Andrell's Closing Andrell's Andrell's Andrell's Closing Andrell's Andr

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2 December 2015 of the control of th

5. Heiff Londage Architect d sy Goropoxica, Châs approach from Londouga Architect piece is devilling from the glans. Solid Chesterprish empores is troid emicromochik Garage, Di tod deep any sosis emirità into salte jodest. Coultra olita di federal, premiold and lead dades appelleden.

3. Callet we dispose of all debrit authre excess raterial from hands upe sparalisms. Keep pared surfaces dean and regain damage resulting from bands cape wark are to be complete for an final acceptance.

.8 Where new work comects with existing, mot where existing work is allored, nake good to match existing undisturbed condition

Guarantee all materials and workmanship for a minimum period of one full year from the date of Certificate of Completion

2. All werk and superintendents shall be performed by personned shalled in landscripe contracting. In existing, all personnel applying herbides and/or peaticides shall hold a turnel General Royal by the appropriate subformine.

.3. A site violitis required to becone familiar with site conditions before bidding and before start of work.

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PMG PROJECT NUMBER



PROPOSED SHAW RICHMOND HUB

8480 RIVER ROAD RICHMOND, B.C.



Architecture Itd	301 - 1444 Albernf St. Yanczurez, BC VEG 274 bd 604.635,3529 faz 604,665,4574 office@hentxleyardt.com	
		CONSULTANTS: STRACTURAL FEST STOLE MEDIANCIL RETINGOLD ENGINEERING

XT	N BY: CS	MG NO.	Applo
Ë	DRAWN BY:	DRAW	\Box
0	1682	N.T.S.	MAY 2017
	PROJECT NO:	SCALE	DATE



SHAW COMMUNICATIONS INC.
2728 HOPEWELL PLACE NE,
CALGARY AB

Pr COMBUTE REPORTE SHAFTAL 04/05/17			
	_		
		DP COMMENTS RESPONSE SUBMITTAL	21/50/90
		DP COMMENTS RESPONSE SUBMITTAL	11/50/90
		RE-ISSUED FOR DP	05/23/17
		ISSUED FOR COMMENTS	71/11/50
		ISSUED FOR DEVELOPMENT PERMIT	03/20/17
		REMISION	Y/G/M
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PROPOSED HAW RICHMOND HUB

8480 RIVER ROAD RICHMOND, B.C.



Wensley

Architecture Itd

Arc

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DRAWN BY:	DRAWING NO.	_
1552	1:100	MAY 2017
PROJECT NO.	STALE	DATE:

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- Reference

PERIOD CONTRACTOR CONT

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SCALE. 1:100 DRAWN BY: A601
DATE: MAY 2017

Shaw) COMMUNICATIONS INC.
OPEWELL PLACE NE,
RY AB

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SHAW COMMUNICATIONS INC. 1778 HOPEWELL PLACE NE,	SAL	PROPOSED SHAW RICHMOND HUB	8480 RIVER ROAD RICHMOND, B.C.	Wensley Architecture Itd	201 - 144 Abert St. 201 - 144 Abert St. 202 -
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