# **CITY OF KELOWNA**

# **MEMORANDUM**

Date: November 12, 2015 (Revised – access, signage, road reserve)

**File No.:** Z15-0052

**To:** Urban Planning Department (LK)

From: Development Engineering Manager (SM)

Subject: 340 Hwy 33 W and 145 Dougall Rd N RU1 to C4

The Development Engineering Department has the following comments and requirements associated with this application to rezone the property at 145 Dougall Rd N from RU1 to C4 and consolidate with 340 Highway 33 W to accommodate a proposed car wash.

The road and utility upgrading requirements outlined in this report will be a requirement of this development.

The Development Engineering Technologist for this project is Jason Ough

# 1. **General**

These are Development Engineering comments/requirements and are subject to the review and requirements from the Ministry of Transportation (MOTI) Infrastructure Branch.

# 2. Domestic Water and Fire Protection

- (a) The property is located within the Rutland Water District (RWD) service area. The water system must be capable of supplying domestic and fire flow demands of the project in accordance with the Subdivision, Development & Servicing Bylaw. The developer is responsible, if necessary, to arrange with RWD staff for any service improvements and the decommissioning of existing services. Only one water service will be permitted to a consolidated lot.
- (b) A water meter is mandatory for each property and must be installed inside the building on the water service inlet as required by the City Plumbing Regulation and Water Regulation bylaws. The developer or building contractor must purchase the meter from the City at the time of application for a building permit from the Inspection Services Department, and prepare the meter setter at his cost. Boulevard landscaping, complete with underground irrigation system, must be integrated with the on-site irrigation system.

# 3. Sanitary Sewer

The developer's consulting mechanical engineer will determine the development requirements of the proposed development and establish the service needs. The existing lot at 145 Dougall Road is serviced with a 100mm diameter sanitary service. Only one service per lot will be permitted for this development. The applicant will arrange for the removal and disconnection of the existing service and the installation of one new larger service, if required, at the applicants cost.

# 4. Storm Drainage

- (a) The developer must engage a consulting civil engineer to provide a storm water management plan which meets the requirements of the City Storm Water Management Policy and Design Manual. The storm water management plan must also include provision of a lot grading plan, identify minimum basement elevation (MBE), overland drainage routes, floodplain elevations and setbacks, and provision of a storm drainage service for the lot and /or recommendations for onsite drainage containment and disposal systems. The on-site drainage systems may be connected to the existing municipal drainage system in Highway 33 with an overflow service.
- (b) Storm drainage systems, oil and grit separator and overflow service(s) for the site will be reviewed and approved by Engineering when site servicing designs are submitted.

# 5. Road Improvements

- (a) The Developer is required to add a left turn lane to southbound Dougall Road N at the Highway 33 intersection. Turning bay must be minimum 25m including taper and painted lane delineation.
- (b) Access to property from Dougall Road North will be restricted to right in right out with appropriate signage installed.
- (c) Access to the public lane on the east property line must be modified to meet the required 9m maximum. This space must be defined with curbing.
- (d) The estimated cost of required road improvement works, for bonding purpose, must be determined based upon a design provided by the developer to be reviewed by the City of Kelowna and MOTI.

# 6. Road Dedication and Subdivision Requirements

- (a) The developer is required to consolidate the two subject properties.
- (b) The developer is required dedicate roadway fronting 145 Dougall Road North to align with the property line at 340 Highway 33 to achieve the standard minor collector Right Of Way width.
- (c) The developer is required to provide 0.8m road reserve along the east property line to meet the minimum lane width for commercial property.
- (d) Grant Statutory Rights Of Way if required for utility services.
- (e) If any road dedication or closure affects lands encumbered by a Utility right-of-way (such as Hydro, Telus, Gas, etc.) please obtain the approval of the utility. Any works required by the utility as a consequence of the road dedication or closure must be incorporated in the construction drawings submitted to the City's Development Manager.

# 7. <u>Electric Power and Telecommunication Services</u>

All proposed service connections are to be installed underground. It is the developer's responsibility to make a servicing application with the respective electric power, telephone and cable transmission companies to arrange for these services, which would be at the applicant's cost.

# 8. Design and Construction

- (a) Design, construction supervision and inspection of all off-site civil works and site servicing must be performed by a Consulting Civil Engineer and all such work is subject to the approval of the City Engineer. Drawings must conform to City standards and requirements.
- (b) Engineering drawing submissions are to be in accordance with the City's "Engineering Drawing Submission Requirements" Policy. Please note the number of sets and drawings required for submissions.
- (c) Quality Control and Assurance Plans must be provided in accordance with the Subdivision, Development & Servicing Bylaw No. 7900 (refer to Part 5 and Schedule 3).
- (d) A "Consulting Engineering Confirmation Letter" (City document 'C') must be completed prior to submission of any designs.
- (e) Before any construction related to the requirements of this subdivision application commences, design drawings prepared by a professional engineer must be submitted to the City's Development Engineering Department. The design drawings must first be "Issued for Construction" by the City Engineer. On examination of design drawings, it may be determined that rights-of-way are required for current or future needs.

# 9. Survey Monuments and Iron Pins

If any legal survey monuments or property iron pins are removed or disturbed during construction, the developer will be invoiced a flat sum of \$1,200.00 per incident to cover the cost of replacement and legal registration. Security bonding will not be released until restitution is made.

## 10. Other Engineering Comments

- (a) Provide all necessary Statutory Rights-of-Way for any utility corridors required, including those on proposed or existing City Lands.
- (b) If any road dedication affects lands encumbered by a Utility right-of-way (such as Terasen, etc.) please obtain the approval of the utility prior to application for final subdivision approval. Any works required by the utility as a consequence of the road dedication must be incorporated in the construction drawings submitted to the City's Development Manager.

# 11. Development Permit and Site Related Issues

- (a) Access and Manoeuvrability
  - (i) An SU-9 standard size vehicle must be able to manoeuvre onto and off the site without requiring a reverse movement onto public roadways.
  - (ii) Indicate on the site, the locations of loading bays as well as the garbage and recycle bins.

# 14. Administration Charge

An administration charge will be assessed for processing of this application, review and approval of engineering designs and construction inspection. The administration charge is calculated as (3% of Total Off-Site Construction Cost plus GST)

Steve Muenz, P. Eng. Development Engineering Manager

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Only boxes that are checked off are applicable.

106 – 200 Dougall Road North Kelowna, BC V1X 3K5 www.rutlandwaterworks.com

p: (250) 765-5218 f: (250) 765-7765 e: info@rutlandwaterworks.com

# **WATER SERVICE CERTIFICATE**

TO:	<b>Approving Officer for City</b>	RWD FILE #: 15/13		
	FAX # 862-3314	CITY FILE #: Z15-0017 S15-0021		
	ATTENTION: LYDIA KOROLCHUK			
Issua	nce Date:		20-Jul-16	
	er/Agent: URBAN OPTIONS PLANNING			
Servi	ice Address: 340 HWY 33 W			
Legal	l Description: Lot: A	Plan:	33700	
		ents have been made with the District to comple firm installation of works as of issuance date. Ac ekflow prevention devices etc.  Subdivision Application  Strata Application	lditional	
CON	NFIRMATION OF WATER SERVICE	E INFORMATION:		
	X Capital Costs DUE AT TIME OF X Connection Deposit Paid Upgrading & hydrants	F BUILDING PERMIT ( Church exemption )	PAID	
own	Connection Deposit Paid Upgrading & hydrants  existing service is adequate in size, any ers expense.	y upgrading required by another authority	y will be at th	
<b>own</b> Auth	Connection Deposit Paid Upgrading & hydrants  existing service is adequate in size, any ers expense.  corized District Official:  PETER PRESTON	y upgrading required by another authority  Title: GENERAL MANAG	y will be at th	

LUSTRATION / THE ARTS ALIVE



DECIDUOUS TREE PLANTING TO-MATCH OPPOSITE SIDE OF STREET

EXISTING CONCRETE SIDEWALK (TYP.)



for/ revision	Development Permit			
FOR/R	5.06.01			

FIONA BARTC

-2x8 Timber top rail -2x2 Timber rail

2400 O.C. MAX. (7'10")

-- 1X8 WOOD FASCIA; SECURE TO POST W/ FINISHING NAILS

("8.8) 27 ("8.8) 27[

1800 (2,10")

SIZE/SPACING & REMARKS

6cm CAL.

က

SKYROCKET OAK

**TREES** Quercus Robur 'Fastigiata'

2. ALL SOFT LANDSCAPE AREAS SHALL BE WATERED BY A FULLY AUTOMATIC TIMED UNDERGROUND IRRIGATION SYSTEM.

1. PLANT MATERIAL AND CONSTRUCTION METHODS SHALL MEET OR EXCEED B.C.L.N.A. STANDARDS.

**NOTES** 

3. TREE AND SHRUB BEDS TO BE DRESSED IN A MINIMUM 50mm WOOD MULCH. DO NOT PLACE WEED MAT UNDERNEATH TREE AND SHRUB BEDS.

4. TREE AND SHRUB BEDS TO RECEIVE A MINIMUM 300mm DEPTH TOPSOIL PLACEMENT.

PLANT LIST

**BOTANICAL NAME** 

COMMON NAME

-6x6 Timber Post -2x4 Timber Rail

ISSUED FOR REVIEW ONLY
Copyright Reserved. This drawing is the proper

SCALE: 1:25

#01 CONT. /0.75M O.C. SPACING #01 CONT. /0.9M O.C. SPACING #01 CONT. /1.2M O.C. SPACING #01 CONT. /1.2M O.C. SPACING

8 86 35 24

KARL FOERSTER FEATHER REED GRASS WALKER'S LOW CATMINT FOUNTAIN GRASS RUSSIAN SAGE

SHRUBS, PERENNIALS & GRASSES
CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'
NEPETA X FAASSENNII 'WALKERS LOW'
PENNISETUM ALOPECUROIDES
PEROVSKIA ATRIPLICIFOLIA

**340 HIGHWAY 33 W** LANDSCAPE PLAN CONCEPTUAL Kelowna, BC

CONCRETE STAIRS W/ HANDRAILS (9 RISERS)		BUIDING			
CONCRETE BUS STOP PAD; 2.35m × 6.0m					
DOUGALL ROAD	TIMBER SCREEN— BICYCLE STORAGE AREA— BUILDING OVERHANG— CONCRETE PAVING (TYP.)—		BUILDING		
NEW CONCRETE RETAINING WALL—ORNAMENTAL GRASS & PERENNIAL PLANTINGS (TYP.)	EXISTING LANDSCAPING TO REMAIN EXISTING PARKING PARKING	EXISTING BUILDING	EXISTING CONCRETE SIDEWALK	EXISTING LANDSCAPING TO REMAIN EXISTING PARKING	

HICHMYA 33



206 - 1889 Spall Road Kelowna, BC V1Y 4R2 T (250) 868-9270 www.outlanddesign.ca

Schedule C

**340 HIGHWAY 33 W** 

Kelowna, BC

# WATER CONSERVATION & IRRIGATION PLAN

PETRYSKI WILLIAM PETRYS 

2. THE IRRIGATION SYSTEM SHALL MEET THE REQUIREMENTS, REGULATIONS, AND BYLAWS OF THE WATER PURVEYOR.

3. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH AN APPROVED BACKFLOW PREVENTION DEVICE, WATER METER, AND SHUT OFF VALVE LOCATED OUTSIDE THE BUILDING ACCESSIBLE TO THE CITY.

1. IRRIGATION PRODUCTS AND INSTALLATION METHODS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE WATER USE REGULATION BYLAW NO. 10480 AND THE SUPPLEMENTARY SPECIFICATIONS IN THE CITY OF KELOWNA BYLAW 7900 (PART 6, SCHEDULE 5).

ISSUED FOR REVIEW ONLY

8. A FLOW SENSOR AND MASTER VALVE SHALL BE CONNECTED TO THE CONTROLLER AND PROGRAMMED TO STOP FLOW TO THE SYSTEM IN CASE OF AN IRRIGATION WATER LEAK.

ZONE #1: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 153 sq.m. MICROCLIMATE: SOUTHEAST EXPOSURE, PARTIALLY SHADED BY TREES & WALL ESTIMATED ANNUAL WATER USE: 85 cu.m.

IRRIGATION LEGEND

ATION CALCULATIONS

WATER CONSERV

ICATION FOR DETAILED CALCULATIONS

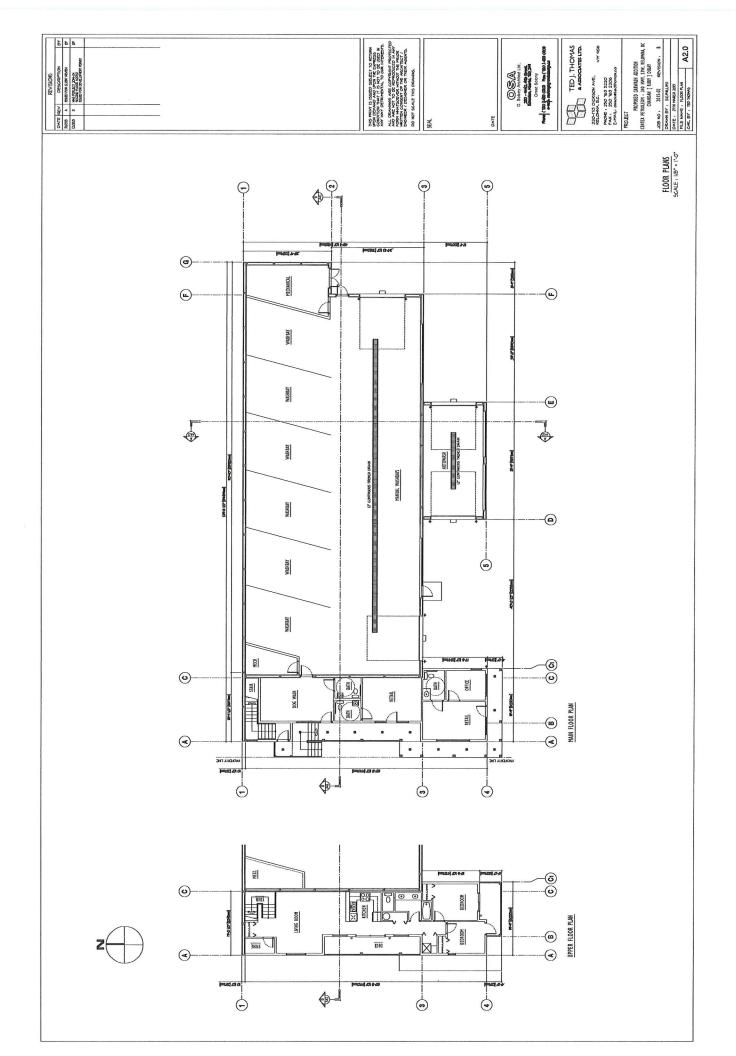
LANDSCAPE MAXIMUM WATER BUDGET (WB) = 153 cu.m. / year ESTIMATED LANDSCAPE WATER USE (WU) = 85 cu.m. / year WATER BALANCE = 68 cu.m. / year \*REFER ATTACHED IRRIGATION APPLICATION FOR DETAILED

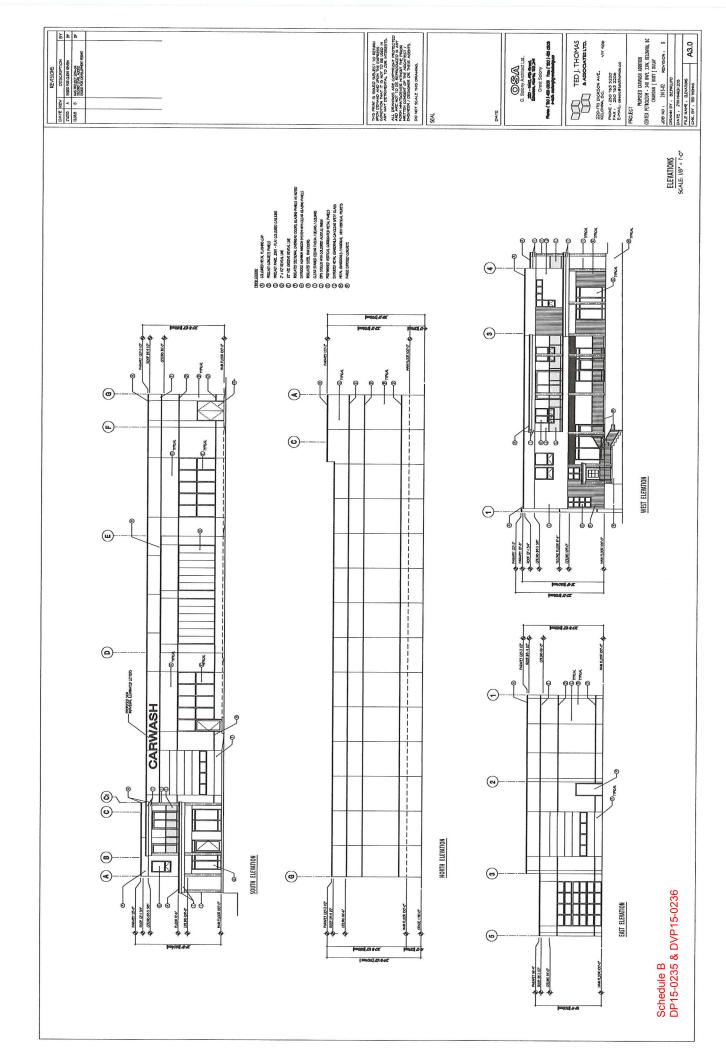
4. AN APPROVED SMART CONTROLLER SHALL BE INSTALLED. THE IRRIGATION SCHEDULING TIMES SHALL UTILIZE A MAXIMUM ET VALUE OF 7" / MONTH (KELOWNA JULY ET), TAKING INTO CONSIDERATION SOIL TYPE, SLOPE, AND MICROCLIMATE.

5. DRIP LINE AND EMITTERS SHALL INCORPORATE TECHNOLOGY TO LIMIT ROOT INTRUSION.

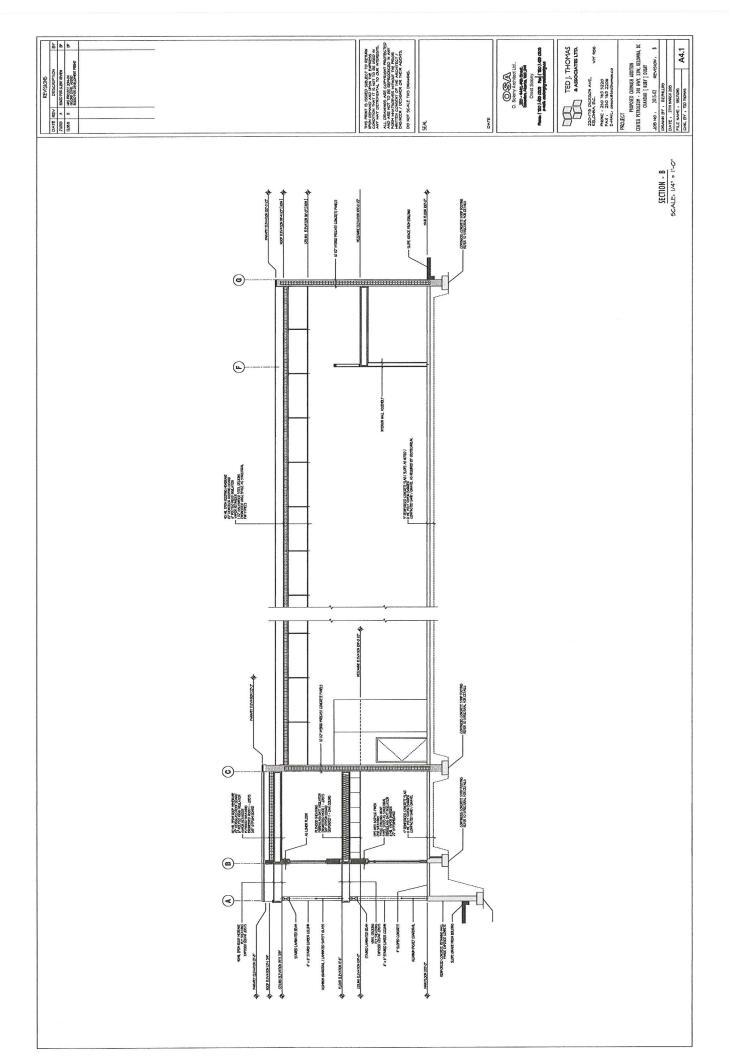
6. IRRIGATION SLEEVES SHALL BE INSTALLED TO ROUTE IRRIGATION LINES UNDER HARD SURFACES AND FEATURES.

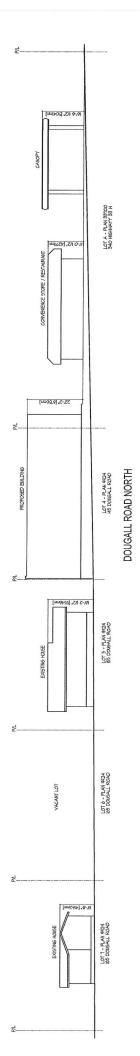
7. IRRIGATION PIPE SHALL BE SIZED TO ALLOW FOR A MAXIMUM FLOW OF 1.5m /SEC.



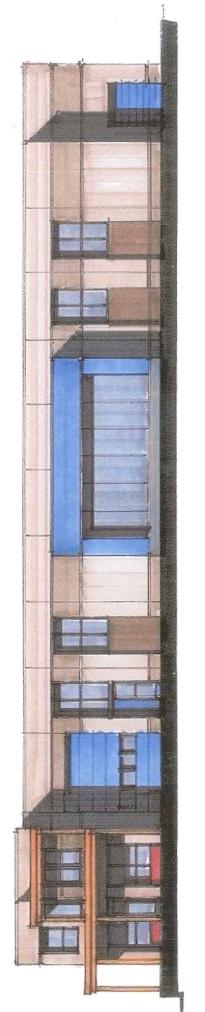


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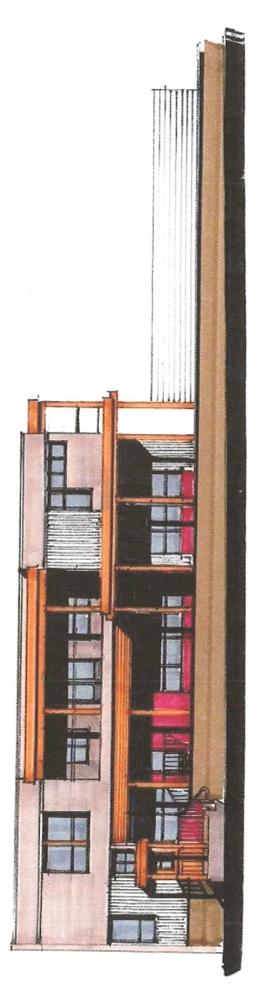


PROPOSED CARWASH ADDITION CENTEX PETROLEUM 340 HWY 33 W



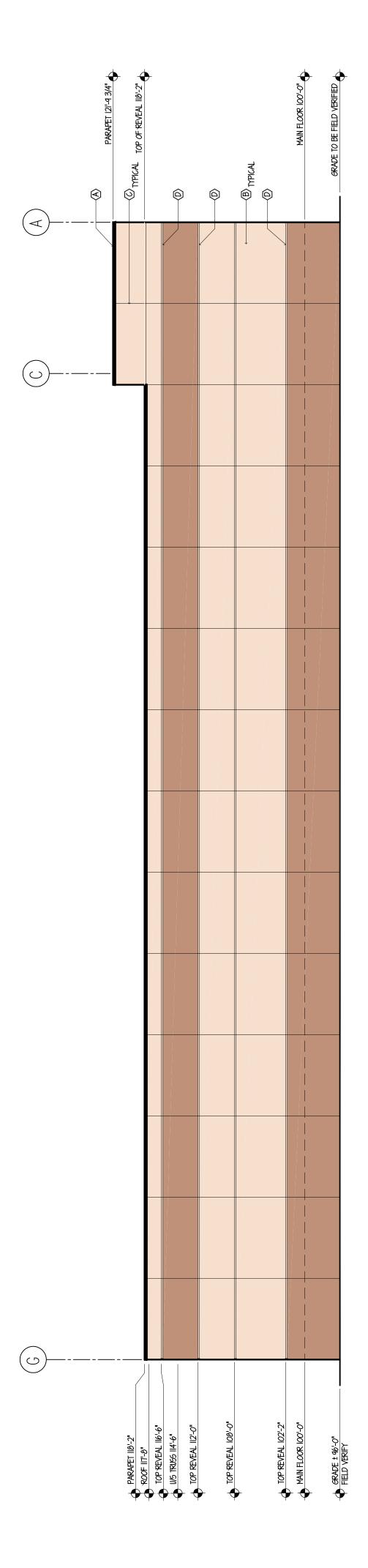
SOUTH ELEVATION

PROPOSED CARWASH ADDITION CENTEX PETROLEUM 340 HWY 33W



WEST ELEVATION

PROPOSED CARWASH ADDITION CENTEX PETROLEUM 340 HWY 34 W



PROPOSED CARWASH ADDITION CENTEX PETROLEUM - 340 HWY. 33W, KELOWNA, BC

NORTH ELEVATION



Trim detail on Commercial —Residential section: Sherwin-Williams Salute Red Natural Cedar wood in a clear stain Galvaluum (WF 7/8) 24 gauge in Grey

Windows, glass door frames and balcony railings: white aluminum

Note: for landscape details see the landscape plan designed by Outland

Schedule B DP15-0235 & DVP15-0236

# DEVELOPMENT PERMIT / DEVELOPMENT VARIANCE PERMIT



# APPROVED ISSUANCE OF DEVELOPMENT PERMIT / DEVELOPMENT VARIANCE PERMIT NO. DP15-0235/DVP15-0236

Issued To: Zsy Holdings Ltd., Inc No BC0981442

Site Address: 340 Hwy 33 West

Legal Description: Lot 1 Section 26 Township 26 ODYD Plan EPP62403

**Zoning Classification**: C4 - Urban Centre Commercial

Developent Permit Area: Revitalization Development Permit Area

## SCOPE OF APPROVAL

This Permit applies to and only to those lands within the Municipality as described above, and any and all buildings, structures and other development thereon.

This Permit is issued subject to compliance with all of the Bylaws of the Municipality applicable thereto, except as specifically varied or supplemented by this Permit, noted in the Terms and Conditions below.

The issuance of a Permit limits the Permit Holder to be in strict compliance with regulations of the Zoning Bylaw and all other Bylaws unless specific Variances have been authorized by the Permit. No implied Variances from bylaw provisions shall be granted by virtue of drawing notations that are inconsistent with bylaw provisions and that may not have been identified as required Variances by the applicant or Municipal staff.

# 1. TERMS AND CONDITIONS

THAT Development Permit No. DP15-0235 & DVP15-0236 for Lot 1 Section 26 Township 26 ODYD Plan EPP62403, located at 340 Hwy 33W, Kelowna, BC to allow the construction of a Commercial Development be approved subject to the following:

- a) The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A":
- b) The exterior design and finish of the building to be constructed on the land be in accordance with Schedule "B";
- c) Landscaping to be provided on the land be in accordance with Schedule "C";
- d) The applicant be required to post with the City a Landscape Performance Security deposit in the form of a "Letter of Credit" in the amount of 125% of the estimated value of the landscaping, as determined by a Registered Landscape Architect;

AND THAT variances to the following sections of Zoning Bylaw No. 8000 be granted, as shown on Schedule "A":

# Section 14.4.5 (f) C4 - Urban Centre Commercial Development Regulations

To vary the required minimum rear yard from 6.0 m permitted to 0.20 m proposed;

# Section 7.6.1 (c) - Landscaping and Screening Minimum Landscape Buffers

To vary the required minimum landscape buffer from 3.0 m permitted to 1.40 m proposed and 0.0 m proposed.

AND FURTHER THAT this Development Permit / Development Variance Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend.

## 2. PERFORMANCE SECURITY

As a condition of the issuance of this Permit, Council is holding the security set out below 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 Permit Holder and be paid to the Permit Holder if the security is returned. The condition of the posting of the security is that should the Permit Holder fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the Municipality may use the security to carry out the work by its servants, agents or contractors, and any surplus shall be paid over to the Permit Holder, or should the Permit Holder carry out the development permitted by this Permit within the time set out above, the security shall be returned to the Permit Holder. There is filed accordingly:

- a) Cash in the amount of \$10,615.00 OR
- b) A Certified Cheque in the amount of \$10,615.00 OR
- c) An Irrevocable Letter of Credit in the amount of \$ 10,615.00 .

Before any bond or security required under this Permit is reduced or released, the Developer will provide the City with a statutory declaration certifying that all labour, material, workers' compensation and other taxes and costs have been paid.

# 3. DEVELOPMENT

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

If the Permit Holder does not commence the development permitted by this Permit within two years of the date of this Permit, this Permit shall lapse.

This Permit IS NOT a Building Permit.

# 4. APPLICANT'S AGREEMENT

I hereby declare that all of the above statements and the information contained in the material submitted in support of this Permit are to the best of my belief, true and correct in all respects. Upon issuance of the Permit for me by the Municipality, then in such case, I covenant and agree to save harmless and effectually indemnify the Municipality against:

- a) All actions and proceedings, costs, damages, expenses, claims, and demands whatsoever and by whomsoever brought, by reason of the Municipality granting to me the said Permit.
- b) All costs, expenses, claims that may be incurred by the Municipality if the construction by me of engineering or other types of works as called for by the Permit results in damages to any property

owned in whole or in part by the Municipality or which the Municipality by duty or custom is obliged, directly or indirectly in any way or to any degree, to construct, repair, or maintain.

I further covenant and agree that should I be granted a Development Permit and/or Development Variance Permit, the Municipality may withhold the granting of any Occupancy Permit for the occupancy and / or use of any building or part thereof constructed upon the hereinbefore referred to land until all of the engineering works or other works called for by the Permit have been completed to the satisfaction of the Municipal Engineer and Divisional Director of Community Planning & Real Estate.

Should there be any change in ownership or legal description of the property, I undertake to notify the Community Planning Department immediately to avoid any unnecessary delay in processing the application.

I HEREBY UNDERSTAND AND AGREE TO ALL THE TERMS AND CONDITIONS SPECIFIED IN THIS PERMIT.

Signature of Owner / Authorized Agent	Date		
Print Name in Bold Letters	Telephone No.		
5. APPROVALS	0017		
Issued and approved by Council on the day of	, 2016.		
Ryan Smith, Community Planning Department Manager Community Planning & Real Estate	Date		

The PERMIT HOLDER is the <u>CURRENT LAND OWNER</u>. Security shall be returned to the PERMIT HOLDER.