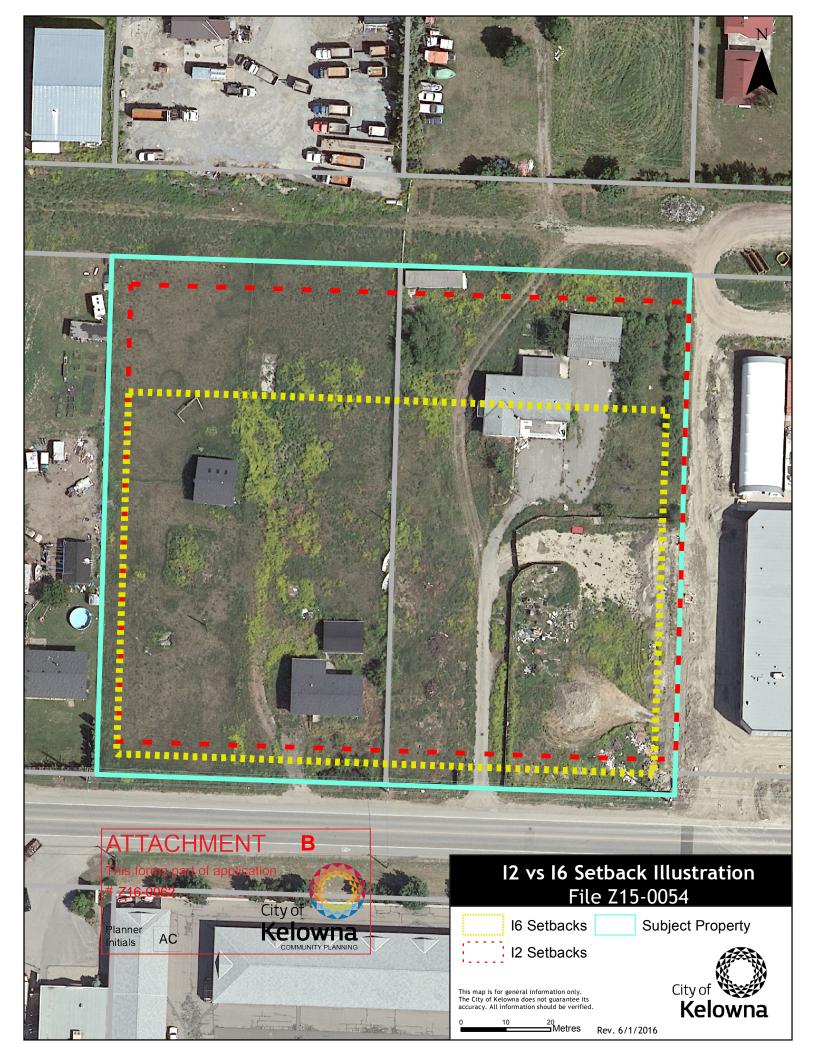
Industrial Zone Regulation Comparison						
CRITERIA	12	16				
Development Regulations						
Buildings						
Max FAR	1.5	No Limit				
Max Site Coverage	60%	50%				
Max Height	14.0 m	2 ½ stories & 9.5 m				
Min Front Yard Setback	7.5 m	4.5m but 6.0 m for garages / carports				
Min Side Yard Setback	 0.0 m when abutting a 'C' or an 'l' zone. 4.5 m when abutting any other zone. 	 3.0 m for residential bldgs. 4.5 m for industrial bldgs. when adjacent to 'l' zoned property. 7.5 m for industrial bldgs. when adjacent to a non-industrial future land use. 				
Min Flanking Side Yard Setback	6.0 m	Not regulated				
Rear Yard	0.0 m when abutting a 'C' or an 'I' zone.6.0 m when abutting any other zone.	7.5 m for all bldgs.30.0 m when adjacent to a non-industrial future land use.				
	Other Regulations					
	Parking Locations					
	12	16				
Min Front Yard Setback	2.0 m	No Parking in front yard except visitor and residential (4.5m)				
Min Side Yard Setback	0.0 m unless abutting residential zone then 1.5 m	No Parking in side yards (3.0 m - 7.5 m				
Min Flanking Yard Setback 2.0 m		2.0 m				
Min Rear Yard Setback	0.0 m unless abutting residential zone then 1.5 m	0.0 m unless:abutting residential zone then 1.5 madjacent to non-industrial future land use then 7.5m				
	Outdoor Storage					
	12	16				
Location	Not restricted	Not permitted in the setback areas and shall be consolidated into a single area per lot				
Screening	Not restricted	Must be screened with opaque fencing and landscaping				
	Outdoor Display					
	12	16				
Location	Not Restricted	Outdoor display / sales (& non- accessory parking) shall not encroach into the landscape areas				



Industrial Zone Use Comparison					
NOT in I6	Uses Permitted in I6 but NOT in I2				
Secondary Use	Primary Use	Secondary Use			
agriculture, urban	Animal clinics, minor	Home Base Business, major			
child care centre, major	Business Support Services	Home Base Business, minor			
	General Industrial Use, Limited	Secondary Suite			
	Single Family Dwelling				
	Vehicle and Equipment				
	Services, Limited				
	NOT in I6 Secondary Use agriculture, urban child care centre,	NOT in I6 Secondary Use agriculture, urban child care centre, major Business Support Services General Industrial Use, Limited Single Family Dwelling Vehicle and Equipment			





CITY OF KELOWNA

MEMORANDUM

Date:

September 27, 2016

File No.:

DP16-0232

To:

Urban Planning (AC)

From:

Development Engineer Technologist (RO)

Subject:

3150-3170 Sexsmith Rd., Lot 26, 27 Plan 18861

ATTACHMENT A

This forms part of application

DP16-0232

City of

Planner Initials

AC

Kelowna COMMUNITY PLANNING

The Development Engineering Branch comments and requirements regarding this application for a development Permit are as follows:

1. General.

- a) Provide easements and Road Right of Way as may be required.
- b) Requirement associated with the development of the subject property were addressed in the old rezoning report under file Z15-0054.

2.. On-site related issues.

 A site grading plan must be provided and it must demonstrate that the ultimate access from Palomino Road meets the City requirements upon closure of the temporary access from Sexsmith Road.

2. Water Servicing Requirements.

a) This development is within the service area of the Glenmore Ellison Irrigation District (GEID). The developer is required to make satisfactory arrangements with the GEID for these items. All charges for service connection and upgrading costs are to be paid directly to the GEID. The developer is required to provide a confirmation that the district is capable of supplying fire flow in accordance with the City of Kelowna current Bylaws and Policies.

3. Stormwater Management plan.

a. The developer must engage a consulting civil engineer to provide a storm water management plan for the site, which meets the requirements of the Subdivision, Development and Servicing Bylaw No. 7900. The storm water management plan must also include provision of lot grading plan, and provision of a storm drainage service for the development and / or recommendations for onsite drainage containment and disposal systems. The existing lot is serviced with a 150mm diameter storm service. Only one service will be permitted for this development. The applicant, at his cost, will arrange the installation of one overflow service if required.

4. Power and Telecommunication Services.

The services to this development are to be installed underground. It is the developer's responsibility to make a servicing application to the respective utility companies. The utility companies are then required to obtain the city's approval before commencing their works.

ˈRyan O'Sullivàn Øevelopment Engineering Technologist

Development Engineering Manager (initials)



CITY OF KELOWNA

MEMORANDUM

Date:

September 27, 2016

File No.:

DVP16-0233

To:

Community Planning Services (AC)

From:

Development Engineering Technologist (RO)

Subject:

3170-3150 Sexsmith Road Variance to I6 setbacks

The Development Engineering comments and requirements regarding this DVP application are as follows:

This development variance permit application to vary the yard setback and site coverage for a proposed building and RV parking does not compromise any municipal services.

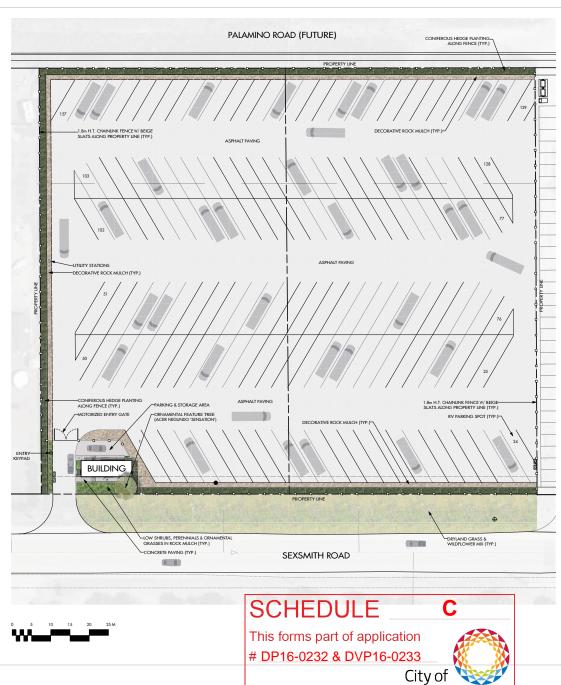
Access and Vehicle movement requirements were addressed as part of the Subdivsion file review under file: S15-0054

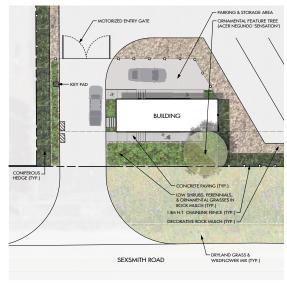


Ŕÿa'n O'Sullivan

Development Engineering Technologist

Development Engineering Manager (initials)





CLOSE-UP OF ENTRY AREA SCALE: 1:150

NOTES

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

2. ALL SOFT LANDSCAPE AREAS SHALL BE WATERED BY A FULLY AUTOMATIC TIMED UNDERGROUND IRRIGATION SYSTEM 3. TREE AND SHRUB BEDS TO BE DRESSED IN A MINIMUM 50mm ROCK MULCH. DO NOT PLACE WEED MAT UNDERNEATH TREE AND SHRUB BEDS.

SILKY LUPINE
BALSAM ROOT
BROWN EYED SUSAN
COMMON YARROW

125KG/HECTARE 1KG/HECTARE 300KG/HECTARE 2,800KG/HECTARE 3% OF MIX

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

SANDBERG BLUEGRASS JUNE GRASS

HYDROSEEDING APPLICATION RATE (DRYLAND SEED AREA)

NATIVE SEED

DRYLAND SEED MIXTURE

WILDFIGWER SEED MIXTURE

FERTILIZER

18-18-18-2, 50% SULPHUR COATED UREA

MULCH

CANFOR ECOFIBRE PILUS TAC

MULCH TACKIFIER

BOTANICAL NAME	COMMON NAME	QTY	SIZE/SPACING & REMARKS
TREES ACER NEGUNDO 'SENSATION'	SENSATION BOX ELDER	1	6cm CAL
HEDGE UNIPERUS SCOPULORUM 'MOONGLOW'	MOONGLOW JUNIPER	233	#05 CONT. /1.5M O.C. SPACING
SHRUBS RERRERIS THUNRERGII 'MONOMR'	CHERRY ROMB BARRERRY	8	#01 CONT. /1.0M O.C. SPACING
OSA 'MORDEN SUNRISE'	MORDEN SUNRISE ROSE	6	#01 CONT. /1.2M O.C. SPACING
PERENNIALS & GRASSES			
'ANICUM VIRGATUM 'ROSTRALBUSCH'	RED SWITCH GRASS	6	#01 CONT. /1.2M O.C. SPACIN
PEROVSKIA ATRIPLICIFOLIA 'LONGIN'	LONGIN RUSSIAN SAGE	8	#01 CONT. /0.9M O.C. SPACING
Rudbeckia fulgida 'goldsturm'	GOLDSTURM CONEFLOWER	12	#01 CONT. /0.75M O.C. SPACIN



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



3150-3170 SEXSMITH RD

CONCEPTUAL LANDSCAPE PLAN

2		
3 4 5		
4		
5		
PROJECT NO	16069	
PROJECT NO DESIGN BY	16069 KG	

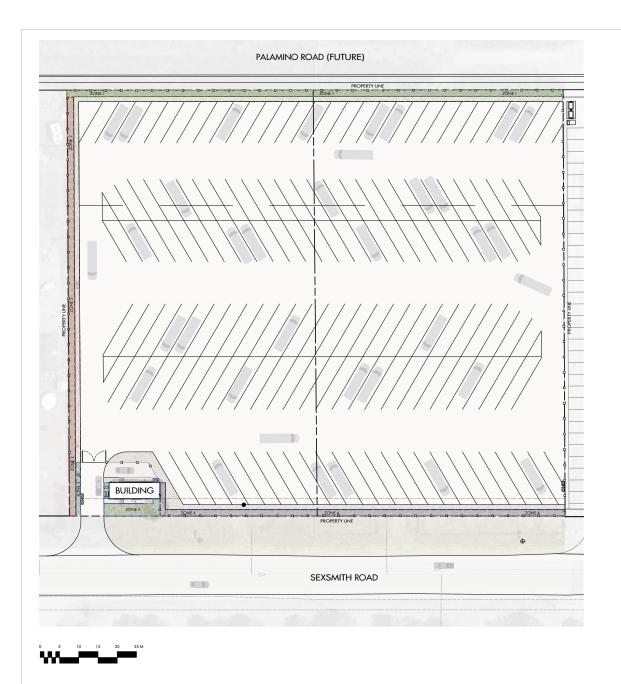


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AC





SCHEDULE

C

This forms part of application # DP16-0232 & DVP16-0233

Planner Initials

AC



WATER CONSERVATION CALCULATIONS

LANDSCAPE MAXIMUM WATER BUDGET (WB) = 1,152 cu.m. / year ESTIMATED LANDSCAPE WATER USE (WU) = 381 cu.m. / year WATER BALANCE = 771 cu.m. / year

*REFER ATTACHED IRRIGATION APPLICATION FOR DETAILED CALCULATIONS

IRRIGATION LEGEND

ZONE #1: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA. 225 sq.m. MICROCLIMATE: NORTH EXPOSURE, FULL SUN ESTIMATED ANNALI WATER USE: 125 cu.m. ZONE #2. HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA! 190 s.m. MICROCLIMATE: WEST EXPOSURE, FULL SUN ESTIMATED ANNIAL WATER USE: 108 c.m. m. ESIMATED ANNUAL WATER USE: 100 at Jm.

ZONE 8'S HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 75 at Jm.

MICROCLIMATE: SQUIM EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 42 cu.m.

ZONE #4. HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA. 195 a.g.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 107 co.m.

IRRIGATION NOTES

1. IRRIGATION PRODUCTS AND INSTALLATION METHODS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE WATER USE RECULATION SHAWN OI. DAIGN AND THE SUPPLEMENTARY SPECIFICATIONS IN THE CITY OF KEICHWA SYLAW 790 (PART 6, SCHEDULE 5).

 $2. \ \mbox{THE}$ IRRIGATION SYSTEM SHALL MEET THE REQUIREMENTS, REGULATIONS, AND BYLAWS OF THE WATER PURVEYOR.

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.

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

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.

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.



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3150-3170 SEXSMITH RD

ISSUED FOR / REVISION

WATER CONSERVATION & IRRIGATION PLAN

1	16.09.20	Review
3 4		
3		
4		
5		
_		
nno	OJECT NO	16069

PROJECT NO	16069	Т
DESIGN BY	SP	Т
DRAWN BY	KG	Ξ
CHECKED BY	FB	
DATE	SEPT. 20, 2016	Ξ
SCAIF	1:300	_



ISSUED FOR REVIEW ONLY



2 BDRM, 1 BATH, FRONT LR | 14'x56' | 784 sqft | 14CO5602



MODULAR HOME EXAMPLE - FORM AND CHARACTER

SCHEDULE

This forms part of application

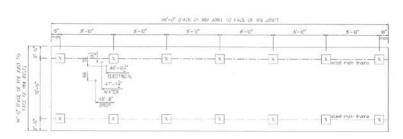
DP16-0232 & DVP16-0233

City of AC



FENCE AND GATE IMAGE

N.T.S.



FOUNDATION PLAN

N.T.S.

PROTECH CONSULTING 2012

SPACE CENTER RV STORAGE LOT 26 AND 27 PLAN 18861 DEVELOPMENT PERMIT PLAN FORM AND CHARACTER

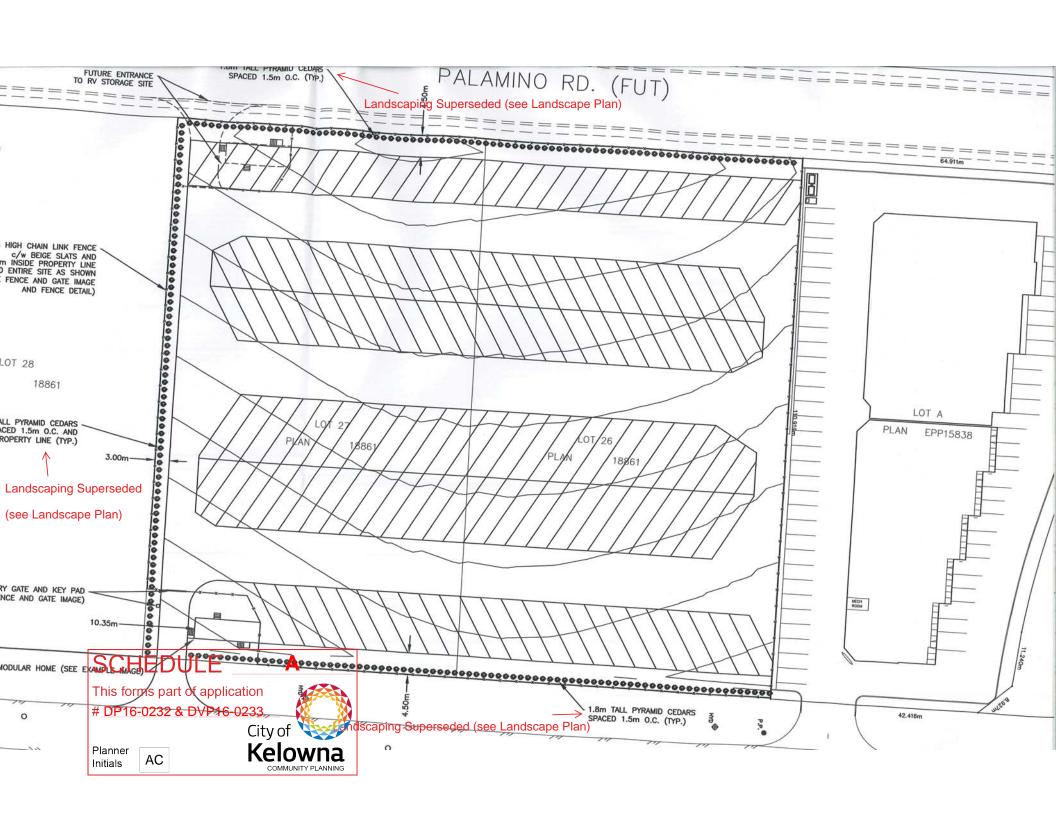
16039-DPa

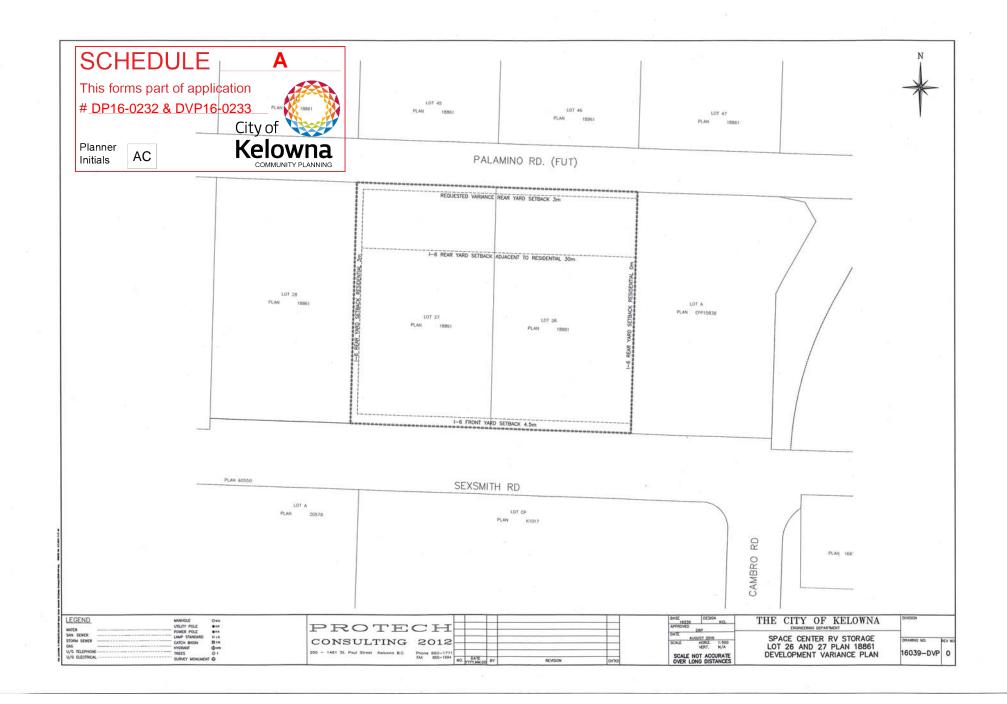
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B







September 20, 2016

3150-3170 Sexsmith Road C/o Protech Consulting Suite 200, 1461 St. Paul Street Kelowna, BC V1Y 2E4 Attn: Grant Maddock



Re: Proposed 3150-3170 Sexsmith Road Development – Preliminary Cost Estimate for Bonding

Dear Grant:

Please be advised of the following preliminary cost estimate for bonding of the proposed landscape works shown in the 3150-3170 Sexsmith Road conceptual landscape plan dated 16.09.20;

2,355 square metres (25,349 square feet) of improvements = \$37,556.00

This preliminary cost estimate is inclusive of trees, shrubs, dryland seed, mulch, topsoil & irrigation.

You will be required to submit a performance bond to the City of Kelowna in the amount of 125% of the preliminary cost estimate. Please do not hesitate to contact me with any questions about the landscape plan.

Best regards,

Fiona Barton, MBCSLA, CSLA

as per

Outland Design Landscape Architecture



1435 Water Street Kelowna, BC V1Y 1J4 250 469-8500 kelowna.ca

IRRIGATION APPLICATION

APPLICATION IDENTIFICATION

	Protech Consulting	Subject Address: 3	150-3170 Sexsmith	n Road			
Agent if applicable:		Telephone 2	50-868-9270				
Title:	Certified Irrigation Designer	Fax No:					
Company:	Outland Design Landscape Architecture	<u>stovo-outranadosign.ou</u>					
City:	Kelowna, BC	·	206-1889 Spall Road				
		Province B	BC	Postal Code: V1Y 4R2			
LANDSCAPE \	WATER CONSERVATION CHECKI	LIST					
Note: all boxes are	to be checked - see instruction page						
7	Install Backflow prevention devices to meet Ci potable water system.	ty of Kelowna standards	to isolate the outdo	or irrigation system from the			
1	Group planting into 'hydrozones' of high, med	ium and low water-use pl	lants or unirrigated	/unwatered areas.			
✓	Minimize mown turf areas that are high water areas of lower water use treatments like unwa	_					
✓	Povide adequate topsoil or growing medium of depth and quality to meet the BC Landscape Standard, published by the BC Society of Landscape Architects and the BC Landscape and Nursery Association. General minimum depths over poor subsoils are 150mm for lawn and 300mm for shrubs groundcover.						
V	Group irrigation circuits/zones into 'hydrozones' of high, medium, and low or unirrigated areas consistent with the landscape planting plan. Provide a separate irrigation valve for each irrigated hydrozone.						
√	Minimize use of high-volume spray heads, and employ drip or low volume irrigation where practical.						
/	When spray or rotor irrigation is used, design and install head to head coverage in accordance with manufacturer's specifications, and avoid overspray outside landscape areas.						
√	Ensure matched precipitation rates within all i	rrigation circuits.					
7	Design and install pipe and head layout so flow velocity does not exceed 1.5 m/s, and to minimize elevation change or pressure variation in circuits. Provide check valves to stop low head drainage.						
√	Ensure irrigation mainlines are proved leak-free with hydrostatic tests.						
1	Provide pressure regulating devices to ensure irrigation outlets are operating at the manufacturer's optimum pressure range.						
7	Install - and program to minimize water use - 'Smart Controllers' to meet standards of the City of Kelowna Water Regulation Bylaw.						
✓	Install an irrigation master shut-off valve (isolation valve) located outside the building in a location accessible to the City that when closed shall stop the supply of water from the potable water supply to the outdoor irrigation system and shall be capable of being closed and locked off by the City.						
Applicant Notes on	the Landscape Water Conservation Checklist:						
	SCI	HEDULE _	С				
			_				
	This fo	orms part of application	on 💮				

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IRRIGATION APPLICATION

CALCULATE & COMPARE WATER BUDGET TO ESTIMATED WATER USE

Note: For Evapotranspiration (ETo) in Kelowna use 10	000m Amount	Units
Total Landscape Area	1152	sq.m.
Landscape Maximum Water Budget (WB) Estimated Landscape Water Use (WU) Under (-OVER) Budget (Must be under Water Budget WB)	1152 381 771 OK	cu.m./yr. cu.m./yr. cu.m./yr.
I have identified and confirmed, by completing the attache will conform to current landscape and irrigation water con landscape treatments of the project will conform to the Hy Calculation Table' above.	servation practices I	listed in the checklist. I also acknowledge that the
Signature of Applicant		Date:
FOR CITY OF KELOWNA OFFICE USE ONLY The Irrigation Application and calculations above satisfy th	e requirements of th	ne Water Regulation Bylaw 10480 Section 4.4.2 and
4.4.3.and is hereby APPROVED with the signature of the W		
Signature of Kelowna Water Smart designate For Water Manager		Date:
	SCHEDUL This forms part of	
	# DP16-0232 & D\	VP16-0233 City of



1435 Water Street Kelowna, BC V1Y 1J4 250 469-8500 kelowna.ca

IRRIGATION APPLICATION

LANDSCAPE WATER CONSERVATION TABLE

Applicant: Protech Consulting Address: 3150-3170 Sexsmith Road

Step 1: Measure Total Landscape Area (LA)

Area of site that will absorb water:

1152 sq.m

Note: INCLUDE BOULEVARD, and proposed lawn, plants, mulch, PERVIOUS decks or paving. Do not include building areas, driveways, patios, decks or walks unless pervious.

Step 2: Divide Into Landscape	Treatments*	Plant Factor	Irrig Efficiency	Hydrozone Area	% of Total LA	Estimated Water
Note: each of the areas below are a 'HYD	ROZONE'	(PF)	(IE)	(HA)		(WU)
Unwatered Pervious Areas (r	ot impervious pavir	ng)				
Mulch (Stone, bark or sand)		N/A	N/A	467	41%	N/A
Pervious deck (Spaced wood deck)		N/A	N/A		0%	N/A
Pervious paving (AquaPave, Rima Pav	/e)	N/A	N/A		0%	N/A
Naturalized meadow (wildflowers)		N/A	N/A		0%	N/A
Naturalized area (Existing natural ar	ea)	N/A	N/A		0%	N/A
Other:		N/A	N/A		0%	N/A
Swimming or ornamental pool		1	1		0%	0
Watered Planting Beds (shru	be or groundsover)					
Planting Type	Irrig Efficiency					
, ,		0.0	0.0		00/	0
Low water use plants	High (Drip or Bubbler)	0.3	0.9		0%	0
Low water use plants	Low (Spray orRotor)	0.3	0.7	.05	0%	
Moderate water use plants	High (Drip or Bubbler)	0.5	0.9	685	59%	381
Moderate water use plants	Low (Spray orRotor)	0.5	0.7		0%	0
High water use plants	High (Drip or Bubbler)	0.7	0.9		0%	0
High water use plants	Low (Spray orRotor)	0.7	0.7		0%	0
Watered Mown Lawn Areas	Low	1	0.7		0%	0
Special Landscape Areas (SLA	<u>)</u>					
Vegetable Garden	High (Drip or Bubbler)	1	0.9		0%	0
Vegetable Garden	Low (Spray orRotor)	1	0.7		0%	0
Sports Lawn	Low (Spray orRotor)	1	0.7		0%	0
Rainwater or Recycled Water Use		0.3	1		0%	0
Totals SCHEDU Special Landscape Area (SLA) Sub tot	E C			1152	100%	381

*If proposed designisorformors paer hor showlice form places and the City at 250 469-8502



DP16-0232 & DVP16-0233

Page 2 of 3