

Le PARC FAIRFIELD-KIPLING **8 UNIT TOWN HOME DEVELOPMENT**

1400 Fairfield Rd and 349 Kipling St, Victoria, BC

Project No. 31517

4212 Glanford Ave

(250) 727-2214

Victoria BC V8Z 4B7

info@jeanderson.com

Civil Engineer

Westbrook Consulting Ltd.

(250) 391-8592 ext. #235

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Structural

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Skyline Engineering

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Geotechnica

Ryzuk Geotechnical

Scott Currie, P. Eng.

(250)+475-3131

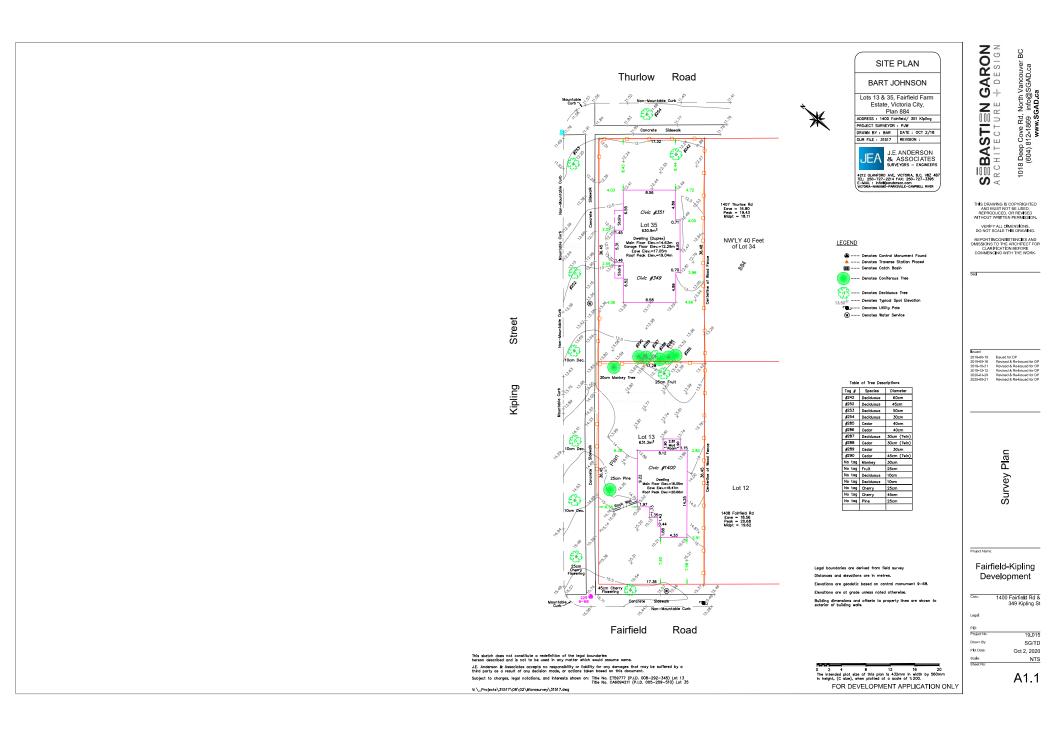
scott@ryzuk.com

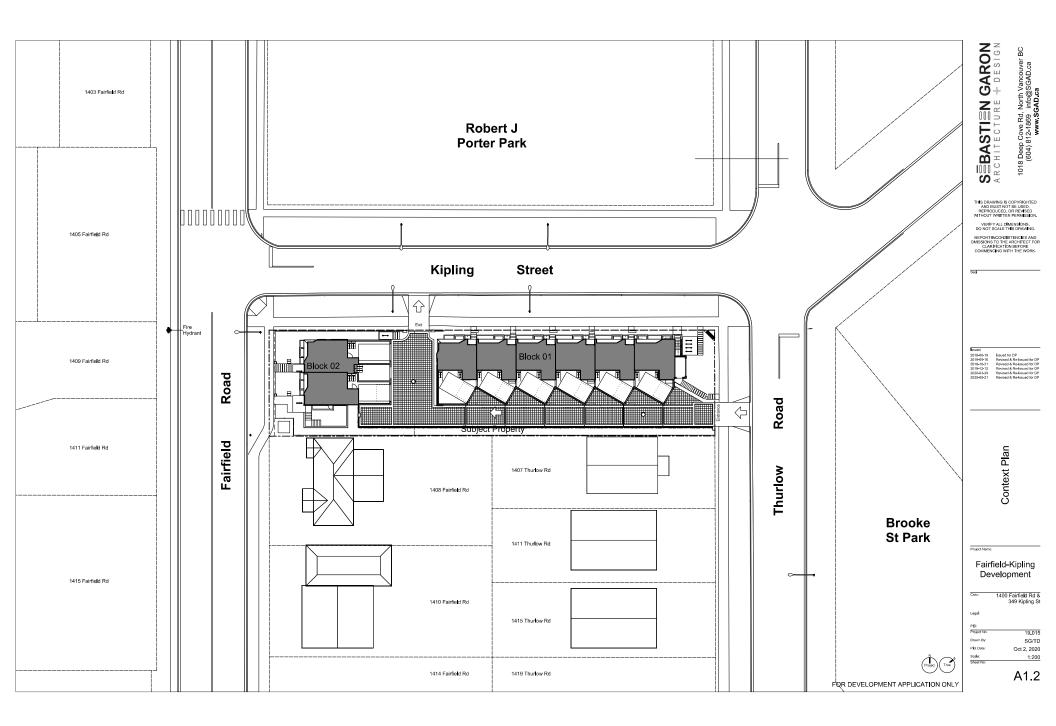
Talbot Mackenzie & Associater

Noah Borges, ISA Certified Arborist Va Kvartuc, B. Eng.

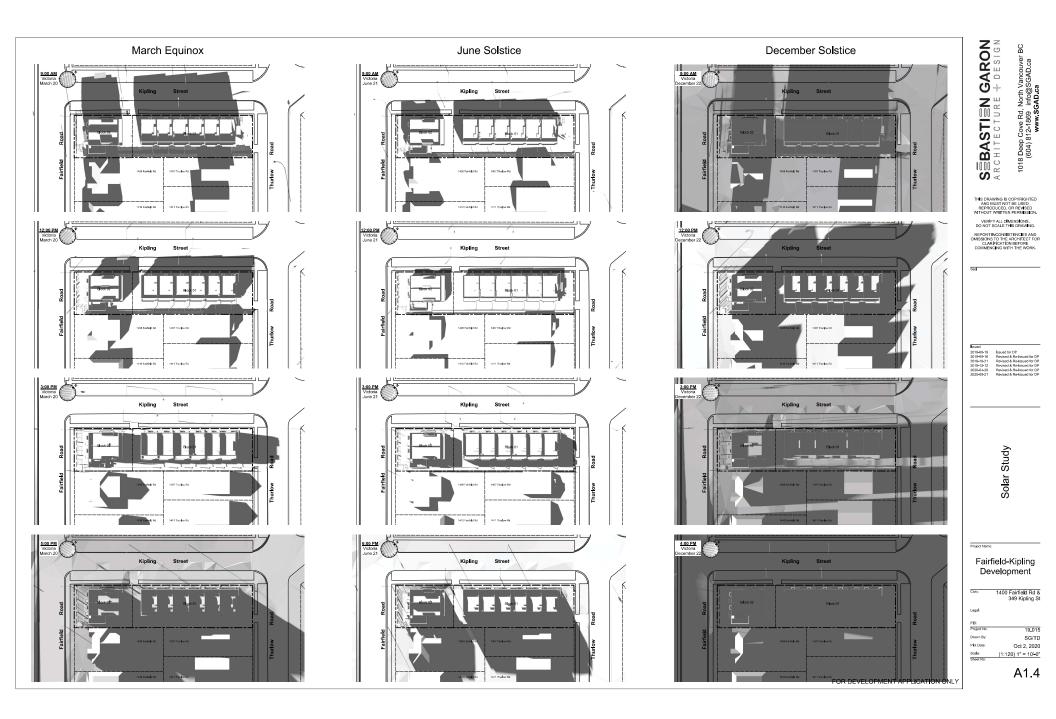
Victoria BC V8R 2K1

ATTACHMENT C













- 5 Rooftop greenery
- 6 Water efficient landscaping
- 7 Bike parking 8 Enhanced natural light
- 9 Energy efficient light fixtures

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BC

1018 Deep Cove Rd, North Vancouver (604) 812-1869 info@SGAD.ca www.SGAD.ca

Sustainability Strategy

1400 Fairfield Rd & 349 Kipling St

19,015

SG/TD

Oct 2, 2020

(1:120) 1" = 10'-0" A1.5

Civic:

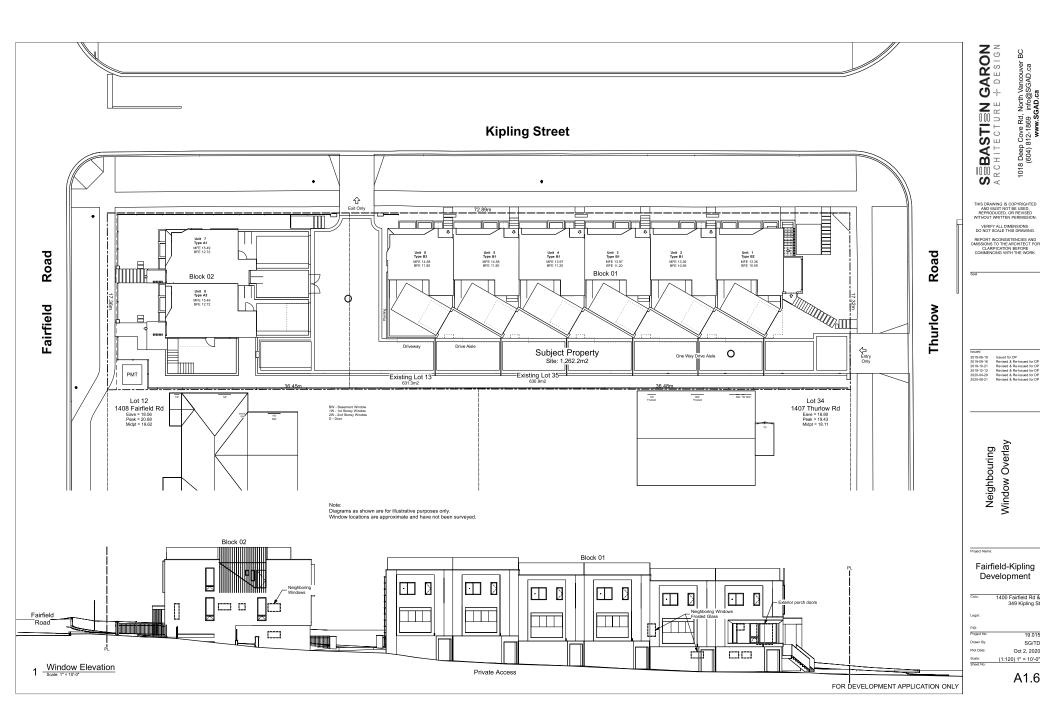
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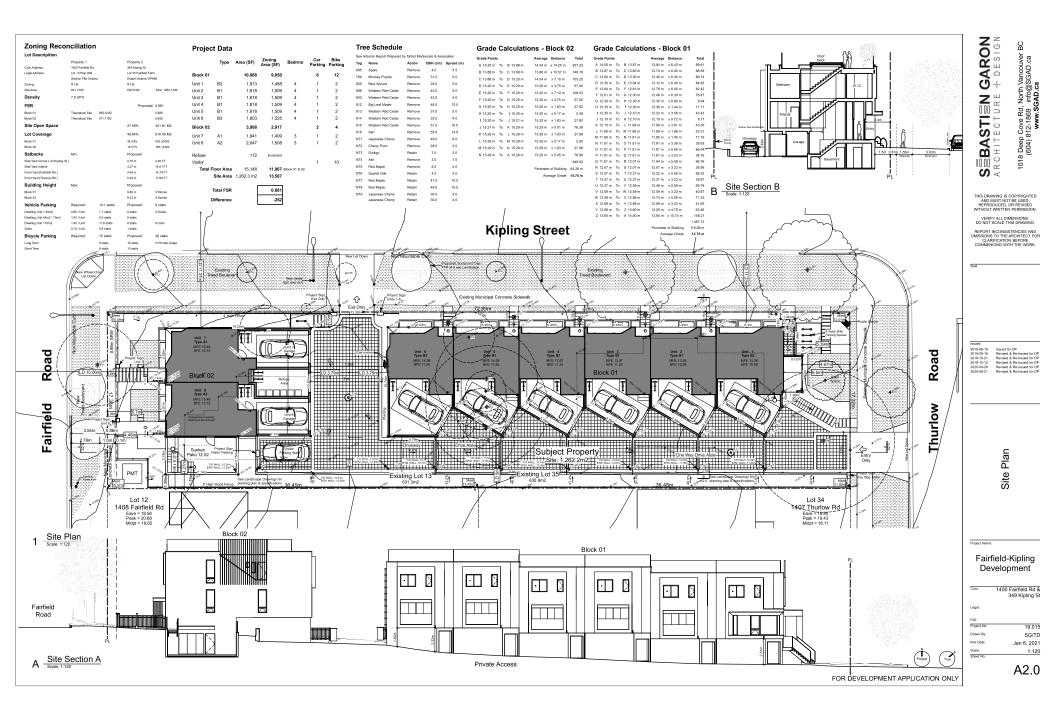
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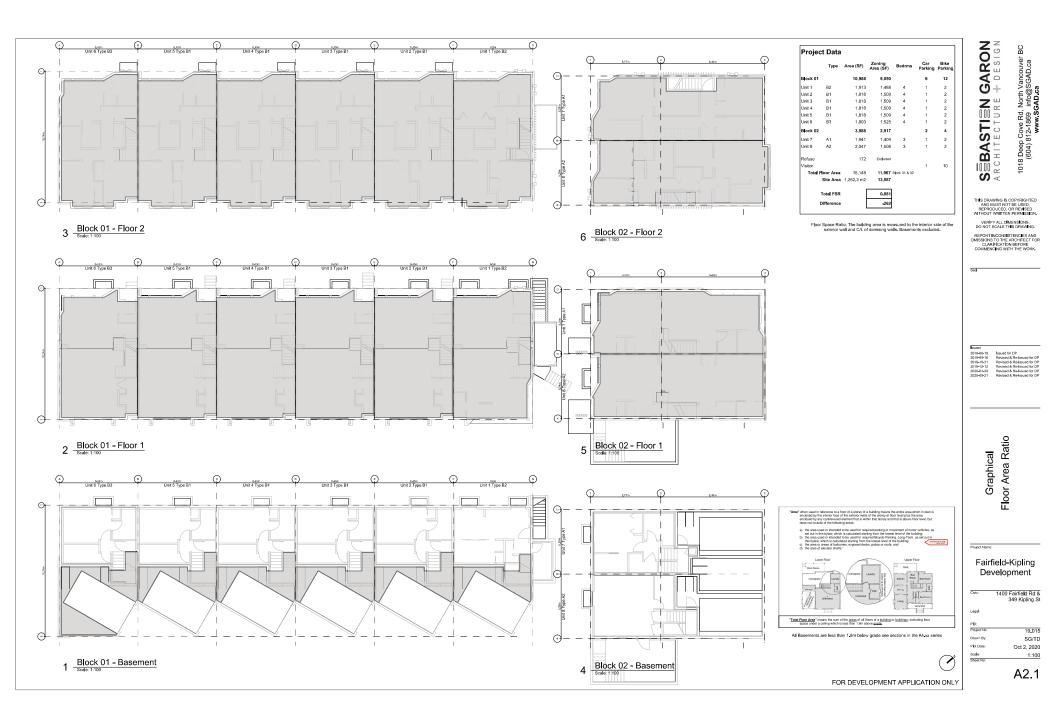
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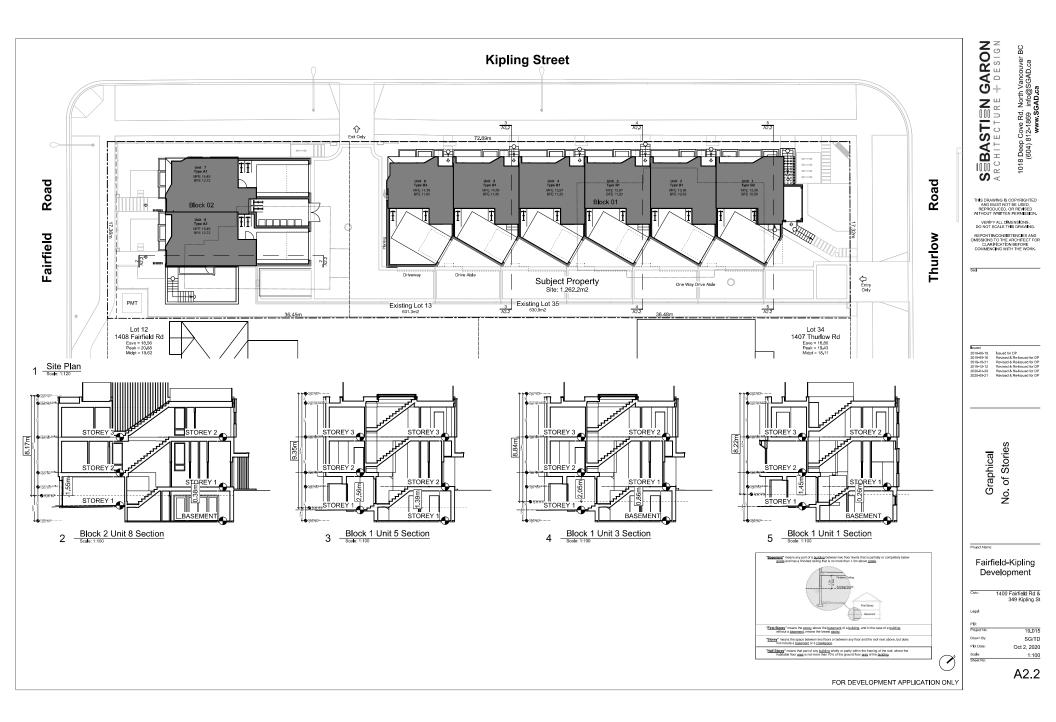
Plot Date

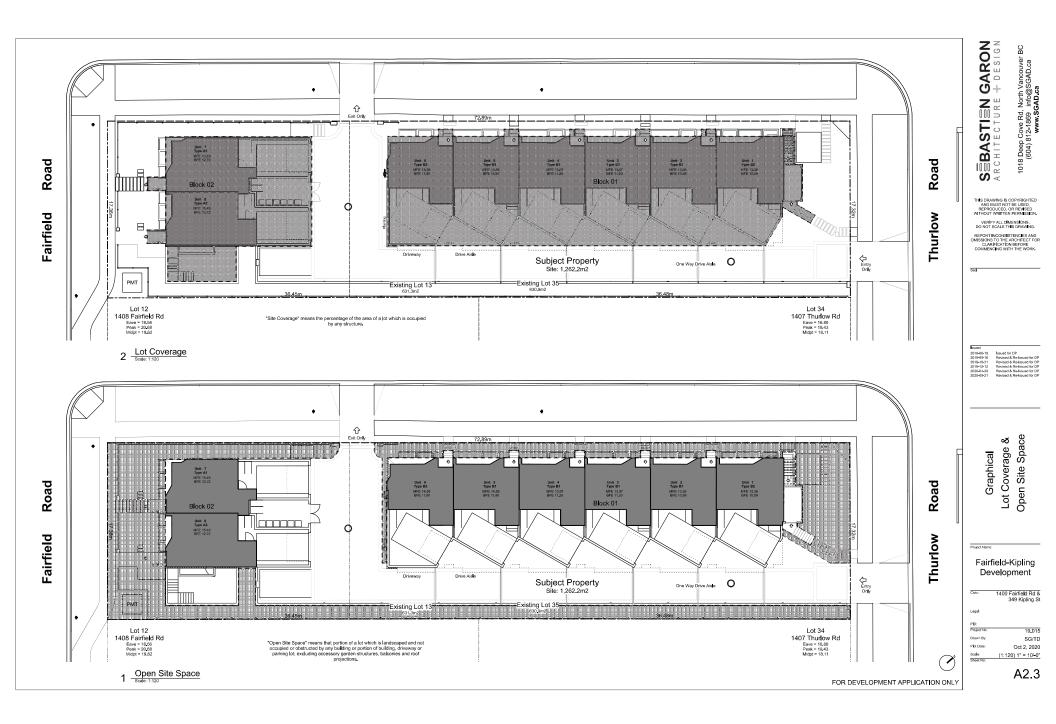
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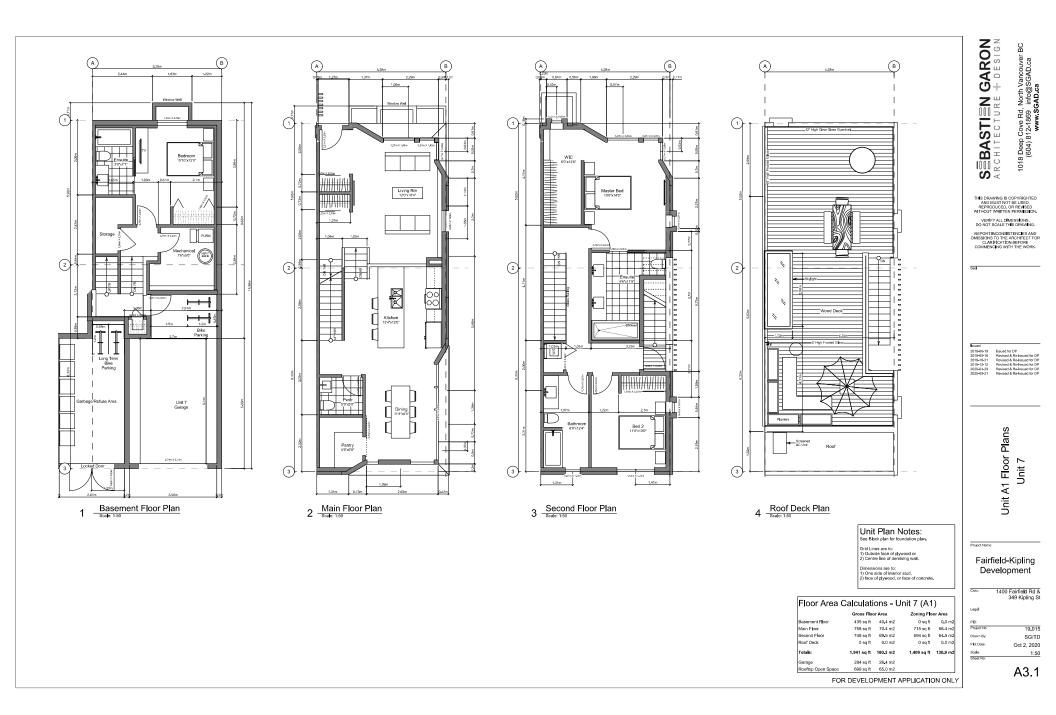




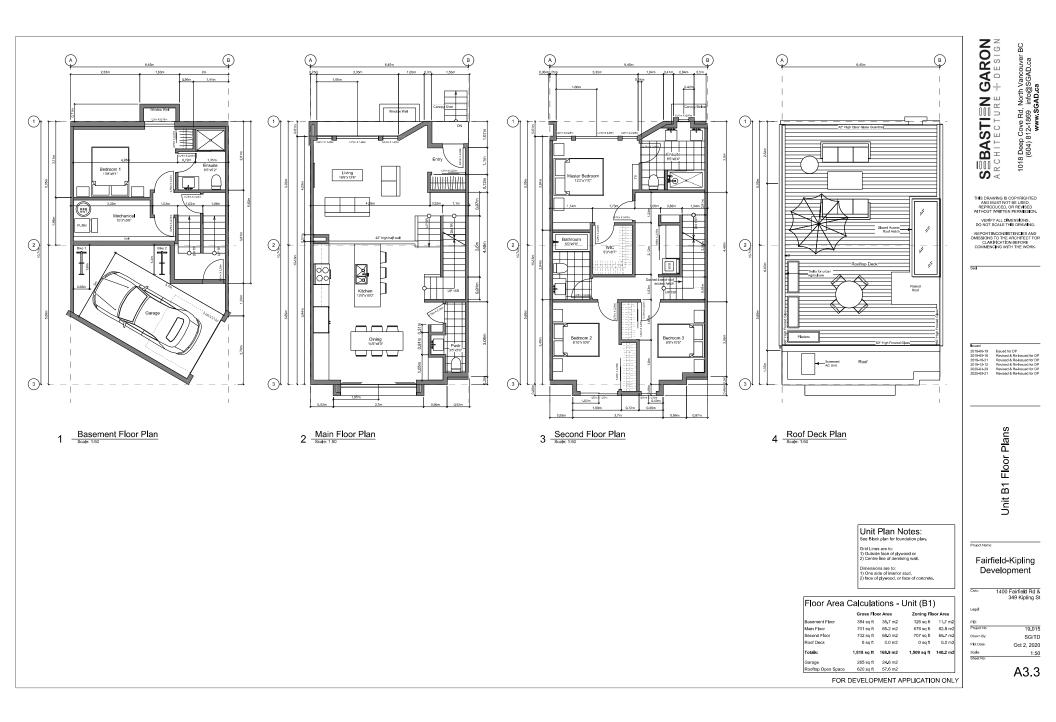


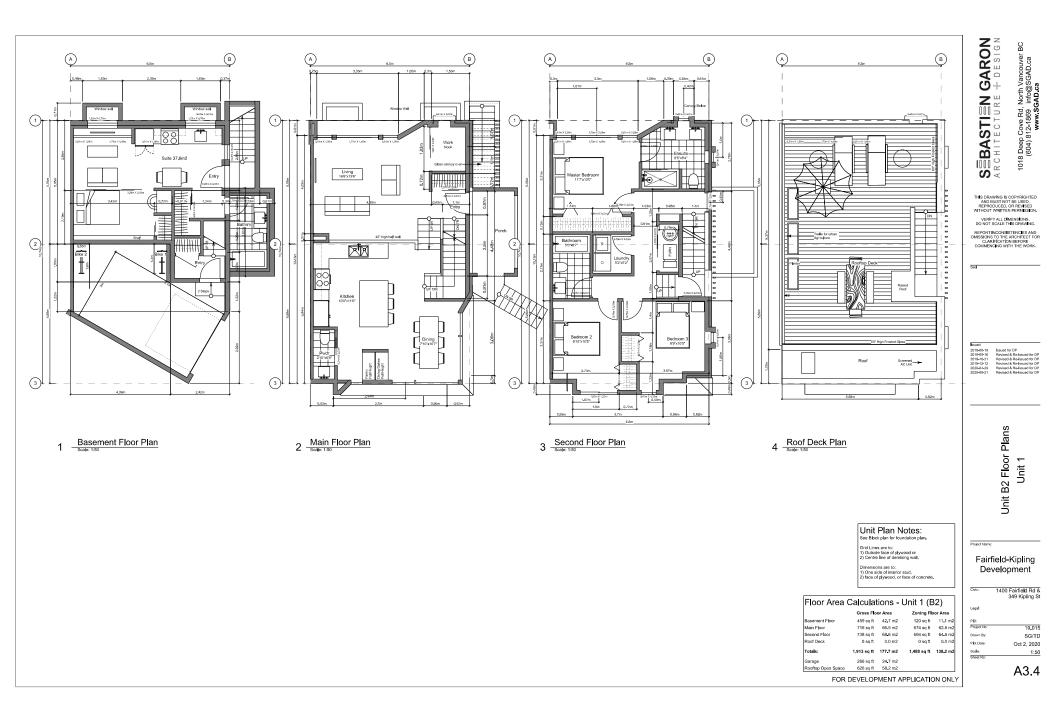


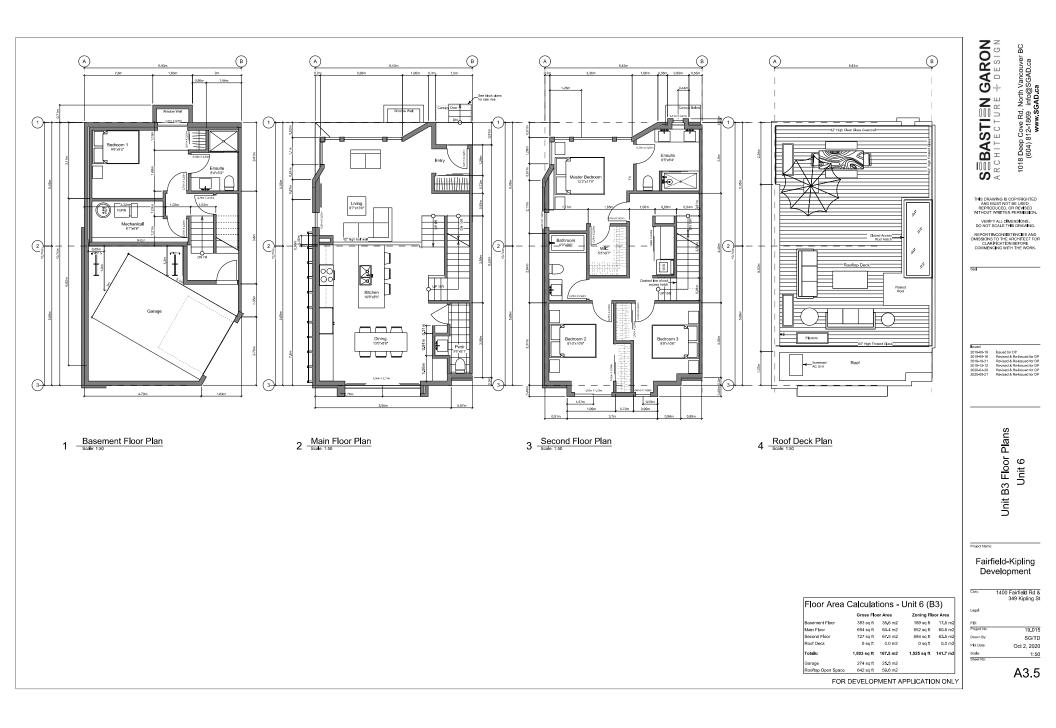














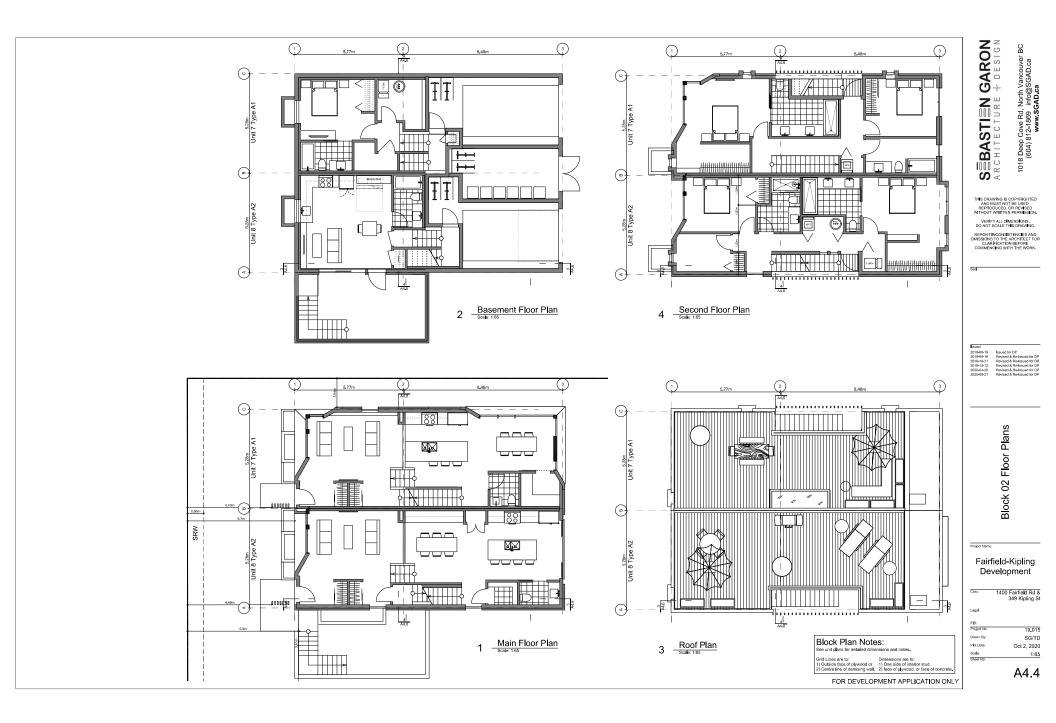
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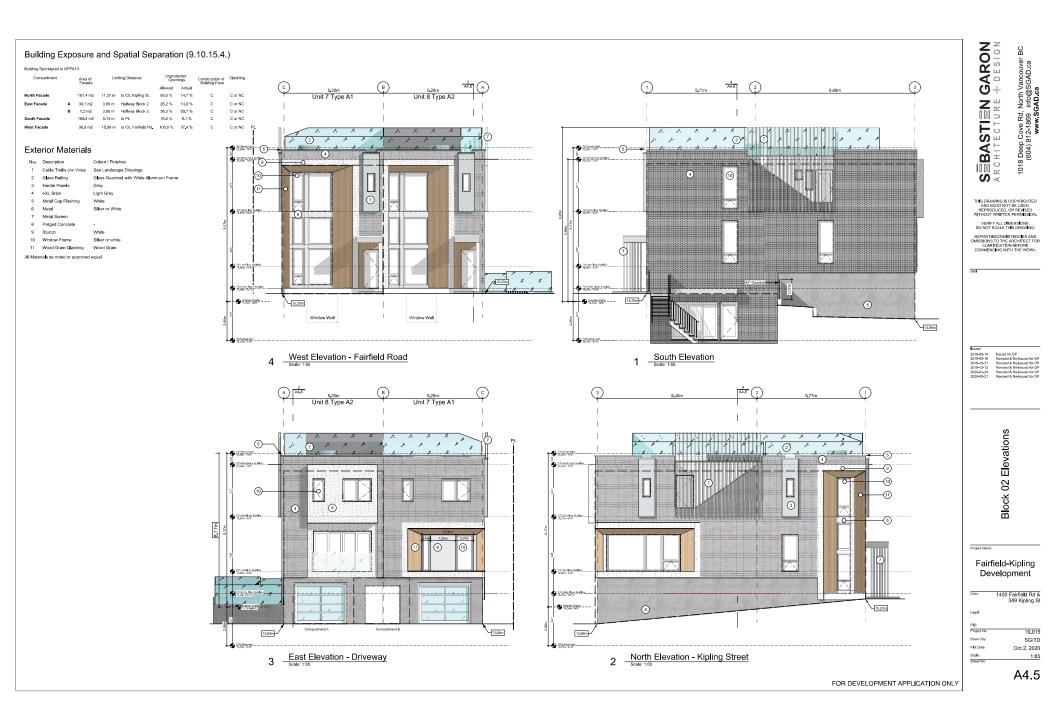
A4.0













	Climatic Data for the City of Victoria	Roof Assemblies		-				Exterior Wall Assemblies						E S I G N Duver BC
	Climatic Data for the City of Victoria	Calculated with a Heat-Recovery Ventilator						Calculated with a Heat-Recovery Ventilator						
December 10 2018 (BCBC 2018)		Effective RSI values, BCBC Section 9.36, Energy Efficiency, Zone 4 <3000 Degree Days Assembly RSI Area %, RSI eff. R-Value FRR STC						Effective RSI values, BCBC Section 9.36. Energy Efficiency, Zone 4 <3000 Degree Days						STIEN GAR E C T U R E + D E 5 COVE R4. Noth Y====================================
		Assembly	RSI Area %	(m2•K)/W	R-Value 26.52	FRR	STC		RSI Area %	(m2+K)/W	R-Value 11.30	FRR	STC	
he following climatic data sl	hall be used within the boundaries of the City of Victoria.	R1.0 Insulated Roof (Outboard Insulation)	PROVIDED:	4.67	26.52	1:		W1.0 CIP Concrete Below Grade	PROVIDED:	2.59	11.30	1 :		teer teer
Design Temperat	ture Degree Days	All roofing work to RCABC five-year guarantee standards. Roof Covering to have a A, B, or C classification as per CAN/ULC-S107						Free drainage back fill (See geotechnical) DELTA MS - 5/16° dimpled membrane		1	1			U R E B9 info
January	C Wet *C	Exterior Air Film MB Torch On Built Up Membrane		0.03	0.17			MB Waterproofing Install as per manufacturers recommendation 8" Reinforced Type S or N concrete wall (see structure) 0	0.0004/mm	-	- 0.46			
		Protection Board AB, VB 5" Expanded polystyrene Type 2 Slope To drain	0.035 / mm	4.45	25.24			AB, VB 2-5" Continuous XPS Insulation (2X2 Framing @ 24" OC (Service Cavity)	0.0336/mm	2.13 0.18	12.12 1.02			
15 Min. One Day Rain Rain, mm 1/50, mm	n, Ann. Moist. Ann. Tot. Driving Rain Wind Rain, mm Index Ppn, mm Pressure, Pa, 1/5 800 0.98 825 220	5/8" T&G Plywood sheathing (See structural)	0000 711111	-	-			1 Layer 1/2" GWB		0.08	0,45			So no Se
		11 7/8" TJI (oists (see structural) 1 layers 5/8" GWB		0.16 0.10	0.91 0.55			Interior Air Film		0.12	0,68			Deep [604) 8
	0urly Wind Pressures, kPa 1/10 1/50	Interior Air Film Softi - See elevations		0.11	0.62			W2.0 Wood Stud Wall	REQUIRED: PROVIDED:	2,74 3.04	15,56 17,24			$\mathbf{D} = \mathbf{D} \mathbf{U}$
Sa Sr 1.5 0.3	0.44 0.57		REQUIRED:			1 HR		Exterior Air Film Cladding (See Elevations)		0,03	0,17			
Sa(0.2) Sa(0.5) Sa(Seismic Data 1.0) S _a (2.0) S _a (5.0) S _a (10.0) PGA PGV	R1.1 Roof Cavity Fire Separation	PROVIDED:	-	1 -	1 HR		3/8" x 1 1/2" PT Strapping 16" OC		0.15	0.85			S [⊥] S
1.30 1.16 0.6	676 0.399 0.125 0.044 0.580 0.834	11 7/8" TJI Rated Rim Board (see structural)						MB 2 layers 30min building paper 1/2" Plywood Sheathing		0.10	0.57			
Iternatively site specific climati	ic data from Environment Canada can be used. Environment Canada can	R2.0 Insulated Roof (Spray Foam)	REQUIRED: PROVIDED:	4.67	26.52 29.60	1:	:		1.19 0.23 3.87 0.77	2.55	14,48			THIS DRAWING IS COPYRIGHTED
e emailed at climate.services@ roviding site specific climatic d	Rec.gc.ca to obtain site specific climatic data. There is a user fee for lata from Environment Canada.	All roofing work to RCABC five-year guarantee standards.						AB, VB 6 mil Poly UV 1 Layer 5/8" GWB Taped, Sanded, and ready for paint		0.09	0.51			AND MUST NOT BE LISED
origing the speake dimate a	and non-Environment canada.	Roof Covering to have a A, B, or C classification as per CAN/ULC-S107 Exterior Air Film		0.03	0.17			Interior Air Film		0.12	0,58			REPRODUCED, OR REVISED WITHOUT WRITTEN PERMISSION
	- u-l Ni-t	MB Torch On Built Up Membrane 5/8* T&G Plywood sheathing (See structural)		-	-			W3.0 Curtain Wall 6" Deep	REQUIRED:	-	-	-	-	VERIFY ALL DIMENSIONS. DO NOT SCALE THIS DRAWING.
ssemblies Gen		Cross Strapping slope to drain 11 7/8" TJI joists (see structurel)	2.56 9.0%		28,25			1" insulating double pane exterior plazed	PROVIDED:	-	-	-	-	REPORT INCONSISTENCIES AND
ese assembles have been se nsultants. The contractor is to	ected in accordance with BCBC 2018 and in coordination with the project be compliant with all these requirements, any deviations will not be	AB, VB 6" 2LB Medium Density/Closed Cell Spray Foam Insulation 1 Javens 5/8" GWB	5.49 91.0%	4.98	28.25			5" Extruded Aluminum Mullion						OMISSIONS TO THE ARCHITECT FOI CLARIFICATION BEFORE COMMENCING WITH THE WORK
cepted without prior approval a	and coordination.	Interior Air Film		0.10	0.62									COMMENCING WITH THE WORK.
bbreviations		Soffit - See elevations						Interior Wall Assemblies					Seal	
		R3.0 Un-Insulated Roof	REQUIRED: PROVIDED:		1	1:	:		RSI Area %	RSI eff.	R-Value	FRR	STC	Sea
tR = Fire Resistance Rating I = Vapour Barrier S = Fiber Glass	STC = Sound Transmission Class GWB = Gypsum Wall Board XPS = Extruded Polystyrene Rigid Insulation (Roxul CIS or equiv)	All roofing work to RCABC five year guarantee standards.							REQUIRED:	(m2•K)/W	-	1 HR	50	
		Roof Covering to have a A, B, or C classification as per GANULC-S107 MB Torch On Built Up Membrane						W4.0 Suite to Suite (Demising Wall)	PROVIDED:	-	-	1 HR	54	
= Air Barrier = On Centre	IIC = Impact Insulation Class UV = Ultraviolet	5/8" T&G Plywood sheathing (See structural) 11 7/8" TJI (sists (see structural)						BCBC 2018 Table A9.10.3.1.A W13c 1 laver 5/8" type X'ULC rated GWB						
	ULC = Underwriters Laboratories of Canada	Soffii - See elevations						2%4 stud framing @ max 18" OC (see structural)						
		R4.0 Roof Deck	REQUIRED: PROVIDED:	4.67 5.21	26.52 29.60	•	•	3 1/2" FG Batt Insulation (One side Only)						
			PROVIDED:					1° air space 204 stud framing @ max 16° OC (see structural)						
		Exterior Air Film Floating Wood Deck Boards on 2X4 Sleepens		0.03	0,17			1 layer 5/8" type 'X' ULC rated GWB						sued
		DELTA MS - 5/16" dimpled membrane MB Torch On Built Up Membrane						"Where noted as shear wall, 1 layer 1/2" plywood (see structural)						2019-05-19 Issued for DP 2019-09-16 Revised & Re-Issued for DF
		5/8" T&G plywood sheathing (see structural) Cross Strepping sides to drain		-	-			W5.0 Non-Load Bearing Partition	REQUIRED:	-	-	-	-	2019-09-16 Revised & Re-Issued for DF 2019-10-21 Revised & Re-Issued for DF 2019-12-12 Revised & Re-Issued for DF
		11 7/8" TJI joists (see structural)	2.56 9.0%	4.98	26.87				PROVIDED	-	-	-	-	2019-12-12 Revised & Re-Issued for DF 2020-04-29 Revised & Re-Issued for DF 2020-09-21 Revised & Re-Issued for DF
		AB, VB 6 * 2LB Medium Density/Closed Cell Spray Foam Insulation Resijient metal channels (8) 24* OC perpindicular to joists	5.49 91.0%	-	-			1/2" GWB both sides of 2X4 or 2X6 stud framing						2020-01-21 Nevaed & Nevaedad for Dr
		1 layers 5/8" type X GWB Interior Ar Film		0.10	0.55			** see plans for location of 2x6 wall to accommodate services						
		UNIX OLDU		0.11	0.02			** 3 1/2* FG Batt Insulation @ bathroom walls						
								W5.1 Load Bearing Partition	REQUIRED:	-	-	1 HR	-	
		Floor Assemblies						** Refer to structural drawings for location of load bearing & Stress	PROVIDED:	-	•	1 HR	-	
		Calculated with a Heat-Recovery Ventilator						1 layer 5/8" type 'X' ULC rated GWB both sides of						se
		Effective RSI values, BCBC Section 9.36. Energy Efficiency, Zone			-			2x4 or 2x6 stud framing (see structural 16" OC Max) ** see plans for location of 2x6 wall to accommodate services						
		Assembly	RSI Area %	RSI eff. (m2•K)/W	R-Value	FRR		** 3 1/2* FG Batt Insulation @ bathroom walls						1 Ĕ
		F1.0 Wood Floor	REQUIRED: PROVIDED:	1	:	1:	:					I		l le
		Finish Flooring to Owners spec 5/8" T&G plywood sheathing (see structural)				1								Assemblie
		11 7/8* TJI joist (see structural) 1 aver.5% GWB				1								
					A	1								uilding ,
		F1.1 Insulated Wood Floor	REQUIRED: PROVIDED:	4.67 5.48	26.52 31.13	1:	:							<u>di</u>
		Interior Air Film Finish Flooring to Owners spec		0.16	0.91									in grie
		5/8" T&G plywood sheathing (see structural) 11.7/8" TJI joists (see structural) framing	2.56 9.0%	0.10	0.67 29.48	1								<u>۵</u>
		AB, VB 6.5" Rigid SM Feam Insulation Sealed in place. cavity Sofft - See elevations	5.78 91.0%	-	-									
		Exterior Air Film		0.03	0.17									
		F2.0 Concrete Slab On Grade	REQUIRED: PROVIDED:	-	:	1:	:							Project Name:
		4" Reinforced concrete slab (see structural)	. ROMDED:	1	1 .	1								Fairfield-Kipling
		AB, VB 10 mil UV VB 6" compacted granular fill (see structural)												Development
		native scil												
														Child: 1400 Fairfield Rd
														349 Kipling S
														Legal:
														1 **
														PID: Project No: 10.01
														Project No: 19.01
														Project No: 19.01

FOR DEVELOPMENT APPLICATION ONLY

A5.0









1018 Deep Cove Rd, North Vancouver BC (604) 812-1869 info@SGAD.ca www.SGAD.ca

Issued for DP Revised & Re-Issued for DP

Concept Renderings

1400 Fairfield Rd & 349 Kipling St

19,015

SG/TD

NTS

Oct 2, 2020

A6.0



Eas

View from Drive Isle

Legal: PID: Project No:

Drawn By:

Plot Date:

Scale: Sheet N

View from Kipling Street South East

FOR DEVELOPMENT APPLICATION ONLY

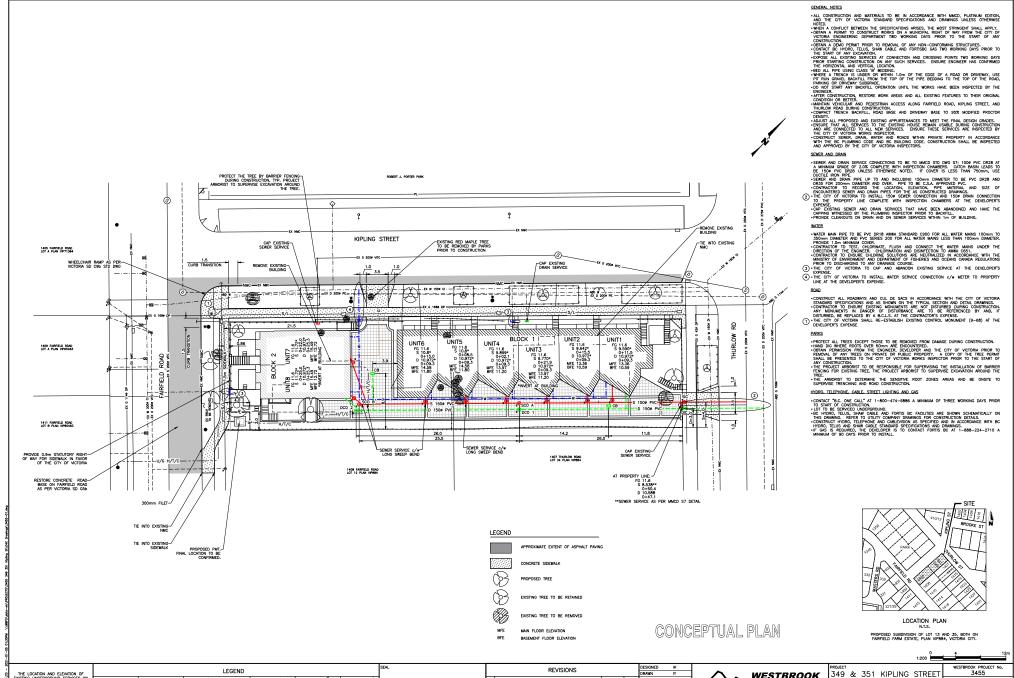
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SG/TD

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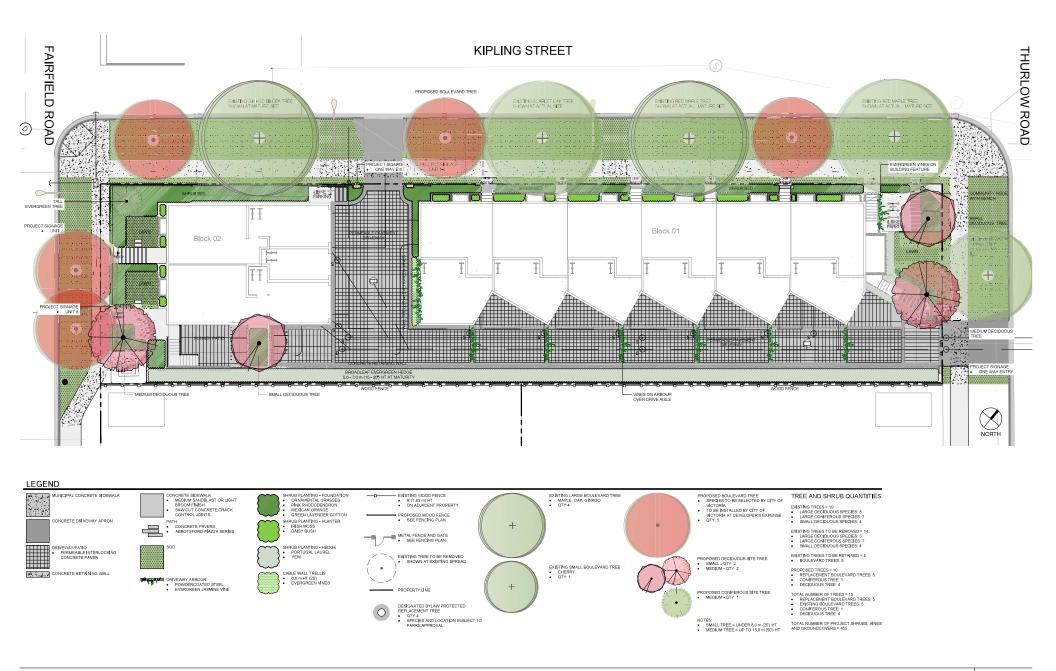
Oct 2, 2020

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2					
위 I 위 THE LOCATION AND ELEVATION OF	LEGEND	REVISIONS	DESIGNED IK DRAWN IY	WESTBROOK	PLING STREET 3455
EXISTING UNDERGROUND SERVICES ON THIS DRAWING MAY NOT BE ACCURATE	WATER — W GAS — G EXISTING U/G UTL. — MANHOLE 💿 HYDRANT 🔶 MONUMENT 🕀		CHECKED		
OR COMPLETE. THE ACTUAL HORIZONTA			DATE OCTOBER 2019	· · · · · · · · · · · · · · · · · · ·	
AND VERTICAL LOCATIONS MUST BE CONFIRMED BY UTILITY COMPANIES AND	DRAIN — D— SIDEWALK <u>S/W</u> LIGHT STANDARD 🔹 CATCHBASIN 🗆 METER Ə LEAD PLUG 🔹		B.M. 9-68	SITE P	
THE CONTRACTOR PRIOR TO THE TO	DITCH -+ -+ EDGE PAVE POWER POLE • ROAD SIGN REDUCER	2 ARCHITECTURAL REVISION 201001 IK	K ELEV. 15.742	#115 866 Goldstream Ave., Victoria, BC V9B 0J3 GENERAL	
THE START OF ANY EXCAVATIONS	CULVERT BUSHLINE ANCHOR	1 REVISED AS PER COV COMMENTS 200513 IY/	/IK SCALE Horz. 1:200	Telephone: 250-391-8592 Facsimile: 250-391-8593	WESTBROOK DRAWING No.
23W	HEADWALL	No. DESCRIPTION DATE SIG	GN Vert.		3455-02

GENERAL NOTES



FAIRFIELD-KIPLING DEVELOPMENT 1400 Fairfield Rd and 349 Kipling St

-

BIOPHILIA

design collective

LANDSCAPE SITE PLAN Date: October 2, 2020 Scale 1:100 Revised and Re-Issued for DP



ARCHITECTURAL CONCRETE PLANTERS

LANDSCAPE PAVERS

SUNKEN PATIO



CABLE TRELLIS DETAIL

COMMUNITY BENCH



DROUGHT AND DEER TOLERANT POLLINATORS



Santolina virens





DROUGHT TOLERANT EVERGREEN



Juniperus scopulorum "Blue Arrow"

Brachyglottis greyii

WEEPING ROSEMARY

CLIMBING VINE

Jasminum polyanthum



Nassella tenuissima



DROUGHT AND DEER TOLERANT GRASSES + SEDGES







HEDGING MATERIAL



Choisya ternata







Taxus x media 'Hicksii'

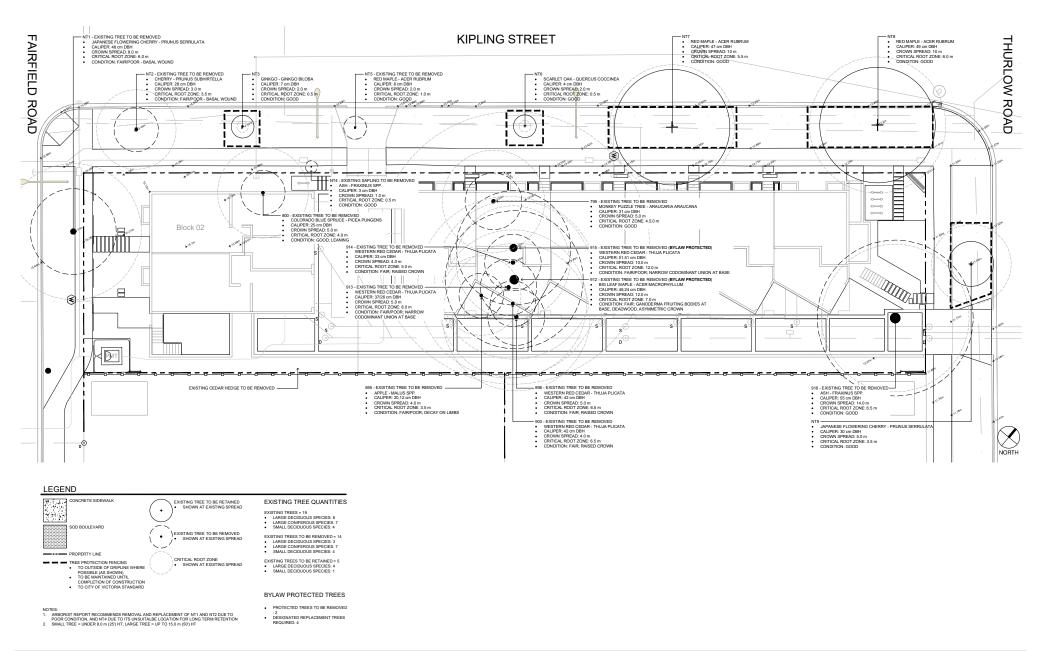


Rosmarinus officinalis 'Prostratus'

FAIRFIELD-KIPLING DEVELOPMENT 1400 Fairfield Rd and 349 Kipling St

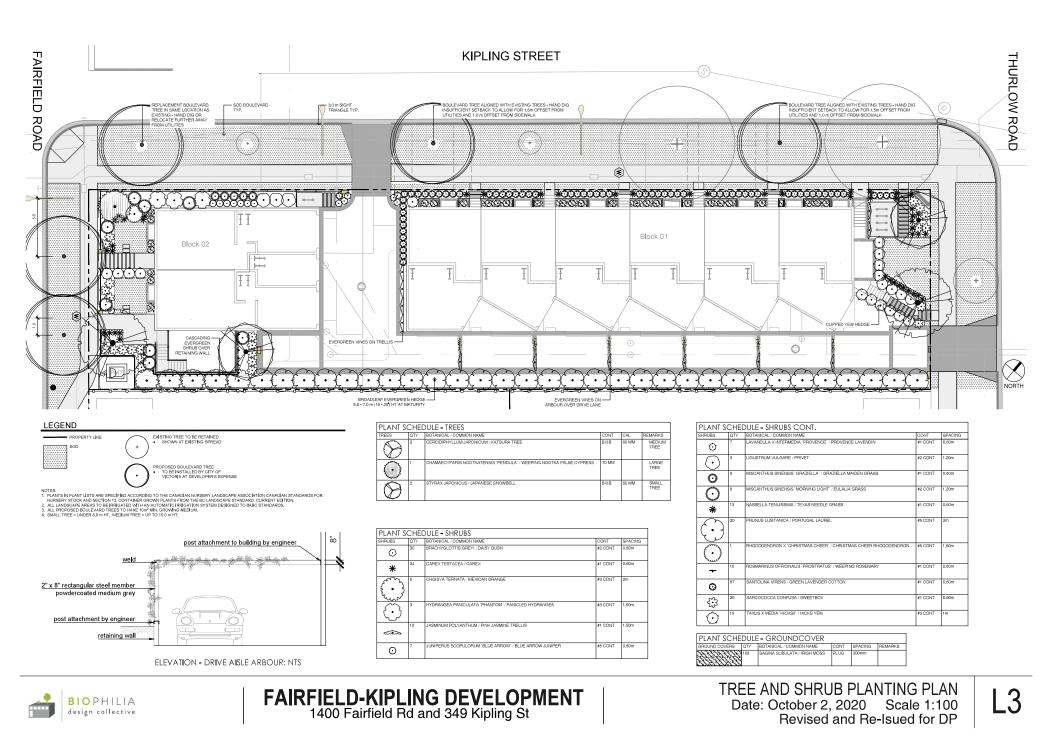
CHARACTER IMAGES Date: October 2, 2020 Issued for DP

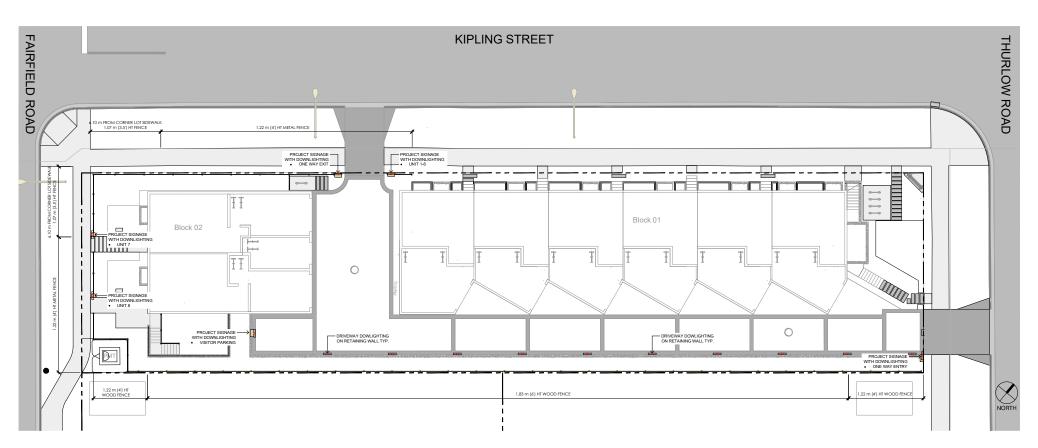




BIOPHILIA design collective FAIRFIELD-KIPLING DEVELOPMENT 1400 Fairfield Rd and 349 Kipling St









DOWNLIGHTING CHARACTER IMAGES





NT Date: Octob Revis



FENCING CHARACTER IMAGE









RECTANGULAR PLANTERS





ROOFTOP TREES IN PLANTERS





