Development Permit DP18-0150



This permit relates to land in the City of Kelowna municipally known as

610 Academy Way

and legally known as

Parcel A (being a consolidation of Lots 10 & 11 See CA6510572) Section 3 Township 23 Osoyoos Division Yale District Plan EPP53793

and permits the land to be used for the following development:

Multiple Dwelling Housing

The present owner and any subsequent owner of the above described land must comply with any attached terms and conditions.

<u>Date of Decision:</u> January 7, 2019

Decision By: Council

<u>Issued Date:</u> January 7, 2019

<u>Development Permit Area:</u> Comprehensive Development Permit Area

This permit will not be valid if development has not commenced by January 7, 2021.

Existing Zone: RM3 – Low Density Multiple Housing Future Land Use Designation: MRL – Multiple Unit Residential (Low Density)

This is NOT a Building Permit.

In addition to your Development Permit, a Building Permit may be required prior to any work commencing. For further information, contact the City of Kelowna, Development Services Branch.

NOTICE

This permit does not relieve the owner or the owner's authorized agent from full compliance with the requirements of any federal, provincial or other municipal legislation, or the terms and conditions of any easement, covenant, building scheme or agreement affecting the building or land.

Owner: Watermark Developments Ltd., Inc. No. BCo642787

Applicant: Meiklejohn Architects

Ryan Smith Date
Community Planning Department Manager

Community Planning Department Manager Community Planning & Strategic Investments

SCOPE OF APPROVAL

This Development 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 Development 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 Development 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.

2. CONDITIONS OF APPROVAL

- 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"; and
- 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.

This Development Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend.

3. 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 Developer and be paid to the Developer or his or her designate if the security is returned. The condition of the posting of the security is that should the Developer 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 enter into an agreement with the property owner of the day to have the work carried out, and any surplus shall be paid over to the property own of the day. Should the Developer carry out the development permitted by this Permit within the time set out above, the security shall be returned to the Developer or his or her designate. There is filed accordingly:

a) An Irrevocable Letter of Credit in the amount of \$960,820.63

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.

5. INDEMNIFICATION

Upon commencement of the works authorized by this Permit the Developer covenants and agrees 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 said Permit.

All costs, expenses, claims that may be incurred by the Municipality where the construction, 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.

The PERMIT HOLDER is the <u>CURRENT LAND OWNER</u>. Security shall <u>ONLY</u> be returned to the signatory of the Landscape Agreement or their designates.

building			G&F	±sf	±sf	±sf	
∠anang ⊿	C1	L1	gfa	106	<u>∸</u> 31	<u>∸</u> 31	
1	0,	'	garage	100	526		
		L2	gfa	597			
			deck			49	
		L3	gfa	654			
			subtotal	1,357	526	49	
			2 units	2,714	1,052	98	
	C1a	L1	gfa	106	500		
		L2	garage gfa	597	526		
		LZ	deck	391		49	
		L3	gfa	639		70	
			subtotal	1,342	526	49	
			2 units	2,684	1,052	98	
			total	5,398	2,104	196	±sf
				501.5	195.5	18.2	±sm
23				5,398	2,104	196	±sf
23 2a		1.0	6-	501.5	195.5	18.2	±sm
2a	В	L0	gfa deck	444		76	
		L1	gfa	444		70	
		- '	garage	r-T-T	426		
		L2	gfa	923	- -		
			deck			64	
			subtotal	1,811	426	140	
		_	5 units	9,055	2,130	700	
	D	L0	gfa	532			
		_	deck	_		97	
		L1	gfa	523	A 4 -		
		JΩ	garage	072	445		
		L2	gfa deck	972		95	
			subtotal	2,027	445	192	
			1 unit	2,027	445	192	
			total	11,082	2,575	892	±sf
				1,029.6	239.2	82.9	±sm
2b	В	L0	gfa	444			
Z D			deck			76	
		L1	gfa	444	400		
		1.0	garage	000	426		
		L2	gfa deck	923		64	
			subtotal	1,811	426	140	
			5 units	9,055	2,130	700	
	D	L0	gfa	532			
			deck			97	
		L1	gfa	523			
			garage		445		
		L2	gfa	972		0.5	
			deck subtotal	2,027	445	95 192	
			1 unit	2,027	445	192	
			total	11,082	2,575	892	±sf
				1,029.6	239.2	82.9	±sm
2~	A2	L1	gfa	360			
3a			garage		435		
		L2	gfa	785	_	_	
			deck			70	
		L3	gfa	785		_	
			subtotal	1,930	435	70	
	A2a	L1	2 units	3,860 292	870	140	
	r∠a	LI	gfa garage	292	410		
		L2	gfa	690	. 10		
		-	deck	-		70	
		L3	gfa	690			
		L3	gfa subtotal	690 1,672	410	70	
		L3	subtotal 1 unit	1,672 1,672	410	70	
		L3	subtotal	1,672 1,672 5,532	410 1,280	70 210	±sf
	A Q		subtotal 1 unit total	1,672 1,672 5,532 513.9	410	70	±sf ±sm
3b	A2	L3	subtotal 1 unit total gfa	1,672 1,672 5,532	410 1,280 118.9	70 210	
3b	A2	L1	subtotal 1 unit total gfa garage	1,672 1,672 5,532 513.9 360	410 1,280	70 210	
3b	A2		subtotal 1 unit total gfa garage gfa	1,672 1,672 5,532 513.9	410 1,280 118.9	70 210 19.5	
3b	A2	L1	subtotal 1 unit total gfa garage	1,672 1,672 5,532 513.9 360	410 1,280 118.9	70 210	
3b	A2	L1 L2	subtotal 1 unit total gfa garage gfa deck	1,672 1,672 5,532 513.9 360 785	410 1,280 118.9	70 210 19.5	
3b	A2	L1 L2	subtotal 1 unit total gfa garage gfa deck gfa	1,672 1,672 5,532 513.9 360 785	410 1,280 118.9 435	70 210 19.5 70	
3b	A2	L1 L2	subtotal 1 unit total gfa garage gfa deck gfa subtotal	1,672 1,672 5,532 513.9 360 785 785 1,930	410 1,280 118.9 435	70 210 19.5 70	
3b		L1 L2 L3	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860	410 1,280 118.9 435	70 210 19.5 70	
3b		L1 L2 L3	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units gfa garage	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860	410 1,280 118.9 435 435 870	70 210 19.5 70 70 140	
3b		L1 L2 L3 L1 L2	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units gfa garage gfa deck	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860 292	410 1,280 118.9 435 435 870	70 210 19.5 70	
3b		L1 L2 L3	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units gfa garage gfa deck gfa	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860 292 690	410 1,280 118.9 435 435 870	70 210 19.5 70 70 140	
3b		L1 L2 L3 L1 L2	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units gfa garage gfa deck subtotal subtotal subtotal	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860 292 690 690 1,672	410 1,280 118.9 435 435 870 410	70 210 19.5 70 70 140 70	
3b		L1 L2 L3 L1 L2	subtotal 1 unit total gfa garage gfa deck gfa subtotal 2 units gfa garage gfa deck gfa	1,672 1,672 5,532 513.9 360 785 785 1,930 3,860 292 690	410 1,280 118.9 435 435 870	70 210 19.5 70 70 140	

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building	-			±sf	±sf	±sf	
4	C2	L1	gfa	106	500		
•		L2	garage gfa	597	526		
			deck	007		49	
		L3	gfa	654			
			subtotal	1,357	526	49	
			2 units	2,714	1,052	98	
	C2a	L1	gfa	106			
		1.0	garage	507	526		
		L2	gfa deck	597		49	
		L3	gfa	639		70	
			subtotal	1,342	526	49	
			2 units	2,684	1,052	98	
			total	5,398	2,104	196	±s
				501.5	195.5	18.2	±sr
5				5,398	2,104	196	±s
				501.5	195.5	18.2	±sr
10				5,398 501.5	2,104 195.5	196 18.2	±sr
				5,398	2,104	196	±s
11				501.5	195.5	18.2	±sr
6	C2	L1	gfa	106			
O			garage		526		
		L2	gfa	597			
			deck			49	
		L3	gfa subtotal	654 1,357	526	49	
			4 units	5,428	2,104	196	
	C2b	L1	gfa	106	2,104	100	
			garage		526		
		L2	gfa	597			
			deck			49	
		L3	gfa	647			
			subtotal	1,350	526	49	
	•		1 units total	1,350 6,778	526 2,630	49 245	±s
			totai	629.7	244.3	22.8	±sr
0				6,778	2,630	245	±s
8 12				629.7	244.3	22.8	±sr
12	C2	L1	gfa	106			
1 4			garage		526		
		L2	gfa	597		40	
		L3	deck gfa	654		49	
		LO	subtotal	1,357	526	49	
			6 units	8,142	3,156	294	
			total	8,142	3,156	294	±s
				756.4	293.2	27.3	±sı
<u>13</u>				8,142	3,156	294	±s
	00	1.4	_	756.4	293.2	27.3	±sr
7	C2	L1	gfa	106	526		
•		L2	garage gfa	597	320		
			deck	501		49	
		L3	gfa	654			
			subtotal	1,357	526	49	
			3 units	4,071	1,578	147	
	C2a	L1	gfa	106			
		1.0	garage	E07	526		
		L2	gfa deck	597		49	
		L3	gfa	639		73	
			subtotal	1,342	526	49	
			3 units	4,026	1,578	147	
			total	8,097	3,156	294	±s
				752.2	293.2	27.3	±sr
9				8,097	3,156	294	±s
<u> </u>	C1	L1	gfa	752.2 106	293.2	27.3	±sr
14	J 1		garage	.55	526		
		L2	gfa	597			
			deck			49	
		L3	gfa	654			
			subtotal	1,357	526	49	
	0.1	1.4	3 units	4,071	1,578	147	
	C1a	L1	gfa	106	526		
	O I G				JZ0	1	
	Ola	12	garage ofa	597			
	014	L2	gfa deck	597		49	
	014	L2 L3	gfa	597 639		49	
	014		gfa deck		526	49	
	014		gfa deck gfa	639			
			gfa deck gfa subtotal	639 1,342	526	49	±s

752.2 293.2 27.3 ±sm

BUI	LE	NIC	G&F	LOO	R Al	REA	S
building	no.			±sf	±sf	±sf	
25				8,142	3,156	294	±sf
			_	756.4	293.2	27.3	±sm
15	A1	L1	gfa garage	360	435		
		L2	gfa	785			
			deck			70	
		L3	gfa	785			
			total	1,930	435	70	
			6 units	11,580	2,610	420	±sf
				1,075.8	242.5	39.0	±sm
17				11,580 1,075.8	2,610 242.5	420 39.0	±sf
				11,580	2,610	420	±sm ±sf
19				1,075.8	242.5	39.0	±sm
				11,580	2,610	420	±sf
21				1,075.8	242.5	39.0	±sm
16	В	L0	gfa	444			
16			deck			76	
		L1	gfa	444			
			garage		426		
		L2	gfa	923			
			deck			64	
			total	1,811	426	140	_
			6 units	10,866	2,556	840	±sf
				1009.5 10,866	237.5	78.0	±sm
18				10,000	2,556 237.5	840 78.0	±sf ±sm
00				10,866	2,556	840	±sf
202224				1009.5	237.5	78.0	±sm
22				10,866	2,556	840	±sf
				1009.5	237.5	78.0	±sm
24	В	L0	gfa	444			
4			deck			76	
		L1	gfa	444			
			garage		426		
		L2	gfa	923			
			deck	4 044	400	64	
			total 4 units	7.244	426	140 560	±sf
			- 	7,244 673.0	1,704 158.3	52.0	±sm
00				7,244	1,704	560	±sf
26				673.0	158.3	52.0	±sm
26 28				7,244	1,704	560	±sf
<u> </u>				673.0	158.3	52.0	±sm
27	В	L0	gfa	444			
<u> </u>			deck			76	
		L1	gfa	444			
			garage		426		
		L2	gfa	923		0.4	
			deck total	1 011	426	64 140	
			6 units	1,811 10,866	2,556	840	±sf
			Janito	1,009.5	237.5	78.0	±sm
				.,555.0		. 3.0	_5,11
			total	242,068	69,706	12,900	±sf
				22,490.4	6,475.9	1,198.5	±sm
				gfa	garage	deck	

GARBAGE & RECYCLING BIN

EACH UNIT TO HAVE TOTE BINS
FOR INDIVIDUAL
GARAGE & RECYCLING COLLECTION.

ACADEMY RIDGE TOWNHOUSES	I			
ADDRESS	550 ACADEMY WAY, Kelowna B.C.			
LEGAL DESCRIPTION	LOT 10 & 11, EPP 53793			
DEVELOPMENT PERMIT AREA	N/A			
EXISTING ZONING	RM3 LOW DENSITY MULTIPLE HOUSIN	NG		
EXISTING LEGAL USE	VACANT			
GRADES	SLOPING			
NUMBER OF BUILDINGS	28			
CRITERIA FOR	RM3 LOW DENSITY HOUSI	NG		
ALL TYPES OF APPLICATION:	ZONING STANDARD	PROPOSAL		
SITE AREA (sm)	900 sm	±32,203 sm (overall lot area)		
. ,	30.0m	,		
SITE WIDTH (m)		±362m (overall lot)		
SITE DEPTH (m)	30.0m	±99.5m (overall lot)		
OFF-STREET PARKING	308 stall min. (see parking calculations)	335 stall		
PRIVATE OPEN SPACE	25.0 sm / more than 1 bed x 154 units = 3,850 sm	deck: ±1,198.5 sm site area - footprint area - paved are (32,203 - 10,280.3 - 4570) sm =17,352.70 sm total =18,551.20 sm		
HEIGHT OF BUILDING (S)/# OF STOREYS	10.0m / 3 storeys max.	10.0m / 3 storeys max.		
SITE COVERAGE OF BUILDING(S) (%)	40% max.	±10,280.3 sm (±31.9%)		
SITE COVERAGE INCLUDING BUILDINGS, DRIVEWAYS AND PARKING (%)	60% max.	$\pm 10,280.3 \text{ sm (footprint)}$ $\pm 4,570 \text{ sm (paved)}$ $\pm 14,850.3 \text{ sm (total)} = \pm 46.1\%$		
ADDITIONAL REQUIREMENTS FOR COMMERCIAL, INDUSTRIAL AND MULTIPLE UNIT / INTENSIVE	RM3 LOW DENSITY HOUSI	NG		
RESIDENTIAL APPLICATIONS:	ZONING STANDARD	PROPOSAL		
NUMBER OF BICYCLE PARKING SPACES	Class I: 0.5 per dwelling unit x 154 units Total = 77 bikes min.	Class I: ±77 bikes (1 in each garage		
	Class II: 0.1 per dwelling unit x 154 units Total = 16 bikes min.	Class II: 16+/- bike spaces (1 each driveway)		
NUMBER OF LOADING SPACES	N/A	N/A		
SETBACKS TO PARKING (m):				
NORTH	N/A	N/A		
SOUTH	N/A	N/A		
WEST	N/A	N/A		
EAST	N/A	N/A		
FLOOR AREA NET	± 25,762.4 sm max. net area	± 22,490.4 sm		
FLOOR AREA RATIO (F.A.R.)	0.75 plus 0.05 parking bonus = 0.80 max FAR	0.698		
BUILDING (S) SETBACKS (m):				
FRONT YARD	4.5m MIN. / 6.0m to garages	4.5m MIN.		
REAR YARD	7.5m MIN.	7.5m MIN.		
NORTH SIDE YARD	4.0m MIN.	4.0m MIN.		
SOUTH SIDE YARD (FLANKING STREET)	4.5m MIN.	4.5m MIN.		
DAYLIGHT ANGLE (IF A TOWER)	N/A	N/A		
DODUM HEIGHT (IE DDODOGED)	N/A	N/A		
PODIUM HEIGHT (IF PROPOSED)				

PARKING CALCUL	ATIONS			
STALL SIZE	WIDTH	LENGTH		HEIGHT
FULL SIZE STALL	8'-3" (2.5m) min.	19'-8" (6.	0m) min.	6'-6" (2.0m) min.
MEDIUM SIZE STALL (40% max)	7'-6" (2.3m) min.	15'-9" (4.8	8m) min.	6'-6" (2.0m) min.
COMPACT SIZE STALL (10% max)	6'-6" (2.0m) min.	11'-2" (3.4	4m) min.	6'-6" (2.0m) min.
DISABLED STALL	12'-2" (3.7m) min.	19'-8" (6.	0m) min.	6'-6" (2.0m) min.
DRIVE AISLES (2-way 90° pkg)	23'-0" (7.0m) min.			
PARKING REQUIREMENTS:				
	2.0 stall/ unit x 154 un	its		
	154 units / 7 = 22 visi	tor stall min	(1 visitor stal	l every 7 units)
	TOTAL PARKING RE	QUIRED:	308 stalls (include min. 22 visitor stalls)
	TOTAL PARKING PR	OVIDED:	132 stalls in Note: each garag 25 visitor s	n double garages n tandam garages ge has 1 full size stall & 1 medium size sta talls (full size stall) otal provided)

ACCESSIBILITY R		3.8.	
	REQUIRED	PROVIDED	
ACCESS TO MAIN ENTRANCES	YES	YES	
ACCESS TO ALL FLOORS	NO	NO	
ACCESSIBLE WASHROOM	NO	NO	

WASHROOM FIXTURES REQUIREMENTS	
MIN. 1 REQ'D./ DWELLING UNIT	3.7.2.2.(11)
MIN. 2-1/2 BATHS PROVIDED IN EACH UNIT	

OCCUPANCY	GROUP C
ARTICLE	CONFORMING TO PART 9
NO. OF STOREYS	3 STOREYS MAX.
NO. OF STREETS FACING	1
MAX. BUILDING AREA	600 sm
CONSTRUCTION TYPE	COMBUSTIBLE
SPRINKLERED	NO
ASSEMBLY RATINGS:	
FLOOR	NONE
WALLS / BEARING STRUCTURE	NONE (1 HR. @ PARTY WALLS FOR SUITE SEPARATION AS PER 9.10.9.14.(3))
ROOFS	1 HR. (FOR SUITE SEPARATION AS PER 9.10.9.14.(3))
INTERCONNECTED FLOOR SPACE	N/A

SPATIAL SEF	9.10.15.4		
	WALLS ADJACENT TO ROAD WAY	UNIT WALLS FACING EACH OTHER	WALLS FACING REAR LOT LINES
WALL AREA	OPENINGS & WALL	±87sm	±40.4sm
OPENING AREA	CONSTRUCTION ARE	±5.76sm	±10.2sm
% PROVIDED	NOT RESTRICTED. WALLS FACE ROADS &	6.6%	±25.1%
LIMITING DISTANCE	HAVE LIMITING	1.5m MIN.	7.5m MIN.
% PERMITTED	DISTANCES MORE THAN 9.0m IN	8%	84.5%
CONSTRUCTION TYPE	ACCORDANCE WITH	Combust.	Combust.
CLADDING MATERIAL	9.10.14.4.(9)	non-Combust.	Combust.
REQUIRED RATINGS		45 min.	45 min.

FIRE PROTECTION:				
LOCATION OF HYDRANT TO BUILDING ENTRIES	90 m MAX.			
STANDPIPE/HOSE	NO			
SPRINKLERED	NO			
FIRE ALARM SYSTEM	NO			
EXIT LIGHTS	NO			
EMERGENCY LIGHTING	NO			

OCCUPAN	OCCUPANT LOAD	
unit A	2 PERSONS/ SLEEPING ROOM X 3 ROOMS	6 PERSONS PER UNIT
unit B	2 PERSONS/ SLEEPING ROOM X 3 ROOMS	6 PERSONS PER UNIT
unit C	2 PERSONS/ SLEEPING ROOM X 3 ROOMS	6 PERSONS PER UNIT
unit D	2 PERSONS/ SLEEPING ROOM X 3 ROOMS	6 PERSONS PER UNIT

EXIT FACILITIES		3.1 TO 3.6
REQUIRED EXITS		
	REQUIRED WIDTHS	PROVIDED WIDTHS
RESIDENTIAL UNITS	min. 1 door @ 800mm (each unit)	min. 1-36" doors @ each unit
PANIC HARDWARE REQ'D	N/A	3.4.6.16.(2)
EXIT EXPOSURE	ok	3.2.3.13.
MAX. TRAVEL DISTANCE	30m	3.4.2.5.(1)
EXIT RATINGS REQUIRED:		
STAIR SHAFTS	N/A	3.4.4.1.
CORRIDORS	N/A	3.3.2.6.(4)

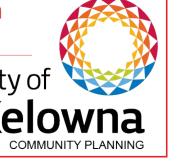
REQUIRED FIRE SEPARATIONS		3.1.3.1.	
TENANTS / MAJOR OCCUPANCIES			
GROUP C TO C	1 HR	9.10.9.14.(3)	
SERVICES ROOMS	1 HR	3.6.2.	
JANITOR ROOM	N/A	N/A	

BUILDING FIRE SAFETY		
SOFFIT PROTECTION	YES	3.2.3.16.
FLAME SPREAD RATINGS	COMPLY WITH	3.1.13.2
METAL DECK ASSEMBLIES	N/A	3.1.14.2.
ROOF COVERING		
CLASSIFICATION	CLASS "A"	3.1.15.2.
ATTIC FIRESTOPS	YES	3.1.11.
MAX. ATTIC AREA	300 sm	3.1.11.5.
MAX. CRAWLSPACE AREA	N/A	3.1.11.6.
CONCEALED FLOOR AREA	N/A	3.1.11.5.

3	C	Η	E	D	U	L	Ε	

This forms part of application # DP18-0150

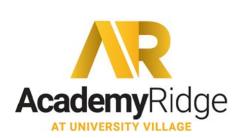
Planner Initials KB K



201-75 FRONT STREET
PENTICTON, B.C.
V2A 1H2
TEL: 250.492.3143
EMAIL: pen-mai@shaw.ca

233 BERNARD AVENUE
KELOWNA, B.C.
VIY 6N2
TEL: 250.762.3004
EMAIL: kel-mai@shaw.ca





2018-07-03

DP

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No. Date Revision

O1 2018-06-04 issued for DP

O2 2018-07-03 clarify parking requirement

2 2018-07-03 clarify parking requireme

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

A1.01

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

ZONING & CODE SUMMARY

 Date
 2018-07-03

 Job No.
 m+m 17-1760

 Scale
 AS SHOWN

 Drawn
 SN

 Checked
 JM

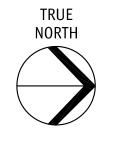


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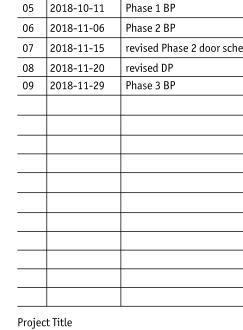
2018-12-08

revised DP



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πηοι	thout the Architects' consent.			
ο.	Date	Revision		
01	2018-06-04	issued for DP		
)2	2018-07-03	clarify parking requirement		
03	2018-08-21	issued for pricing		
)4	2018-09-26	revised DP drawings		
)5	2018-10-11	Phase 1 BP		
06	2018-11-06	Phase 2 BP		
07	2018-11-15	revised Phase 2 door sched		
30	2018-11-20	revised DP		



ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Drawing Number

A2.01

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title SITE PLAN

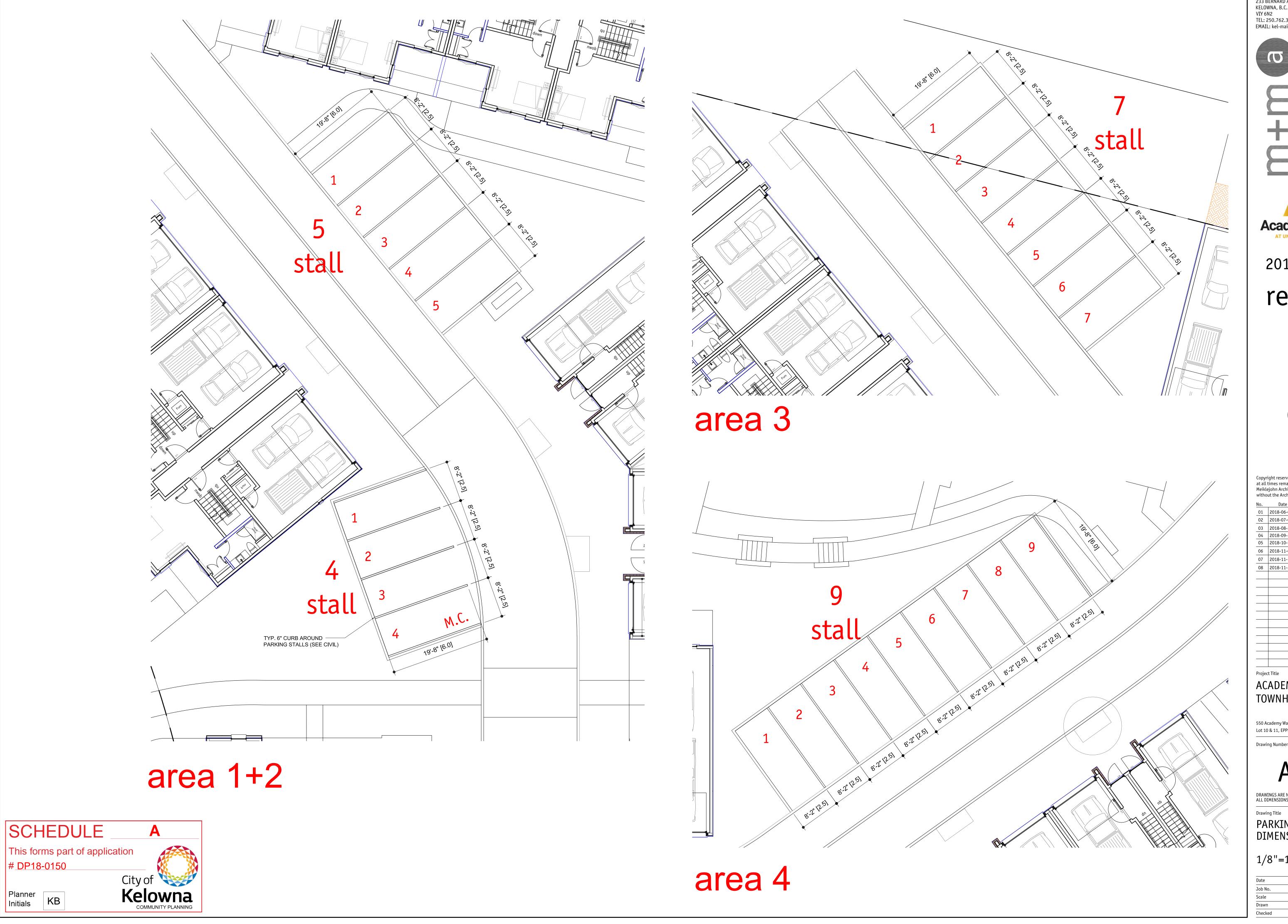
1"= 40'-0"

Planner

Initials

KB

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	JM

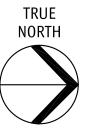


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2018-11-20 revised DP



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	Revision
1	issued for DP
2018-07-03	clarify parking requirement
2018-08-21	issued for pricing
2018-09-26	revised DP drawings
2018-10-11	Phase 1 BP
2018-11-06	Phase 2 BP
2018-11-15	revised Phase 2 door sched
2018-11-20	revised DP
	2018-08-21 2018-09-26 2018-10-11 2018-11-06 2018-11-15

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

A2.02

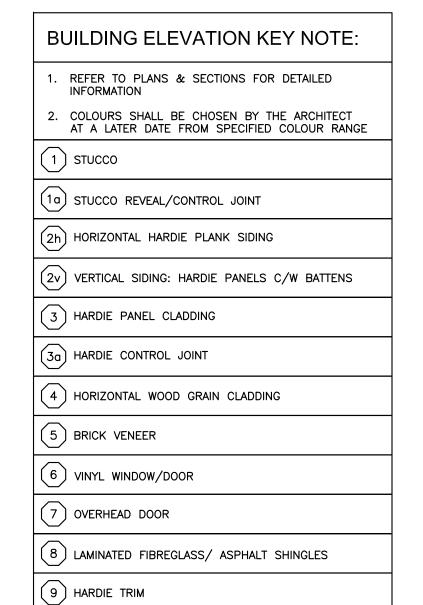
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

PARKING STALL DIMENSION

1/8"=1'-0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	JM





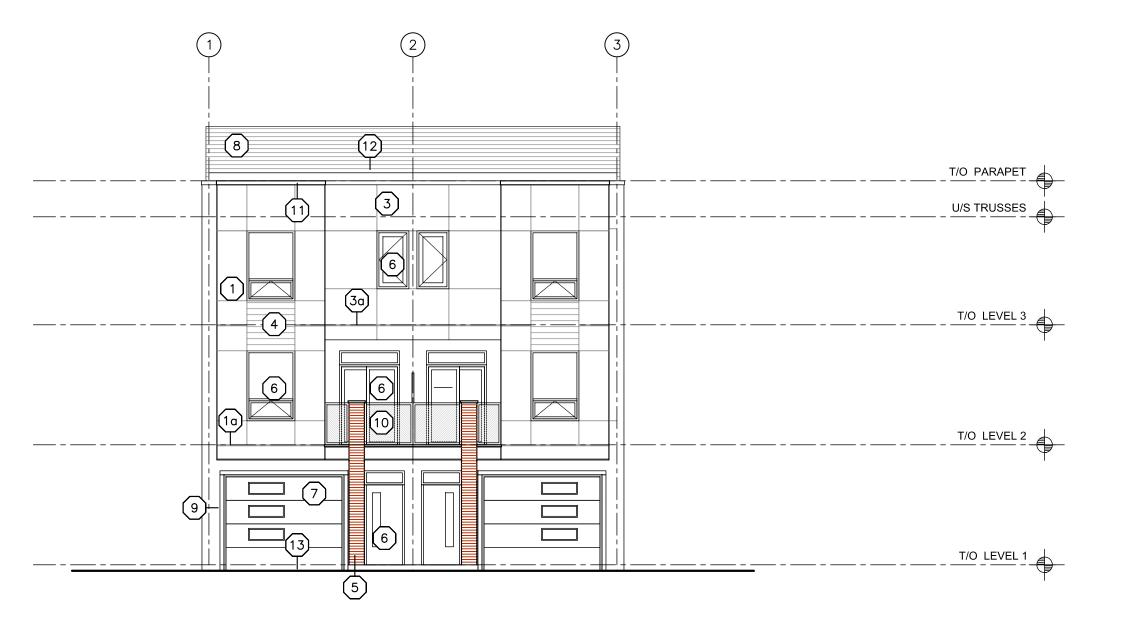
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(11) PREFINISHED SHEET STEEL FLASHING CAP

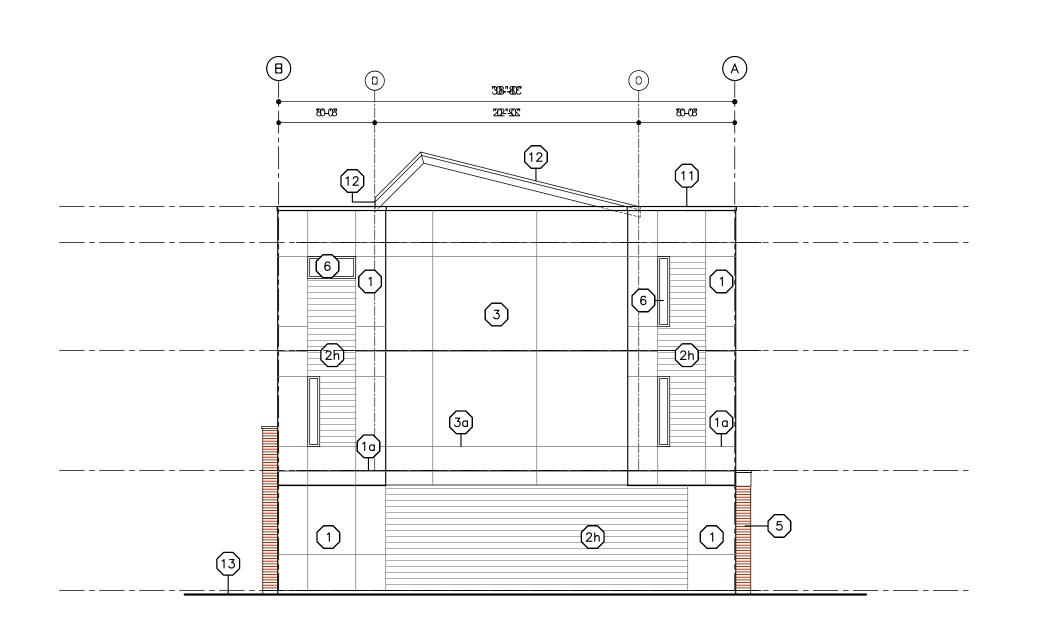
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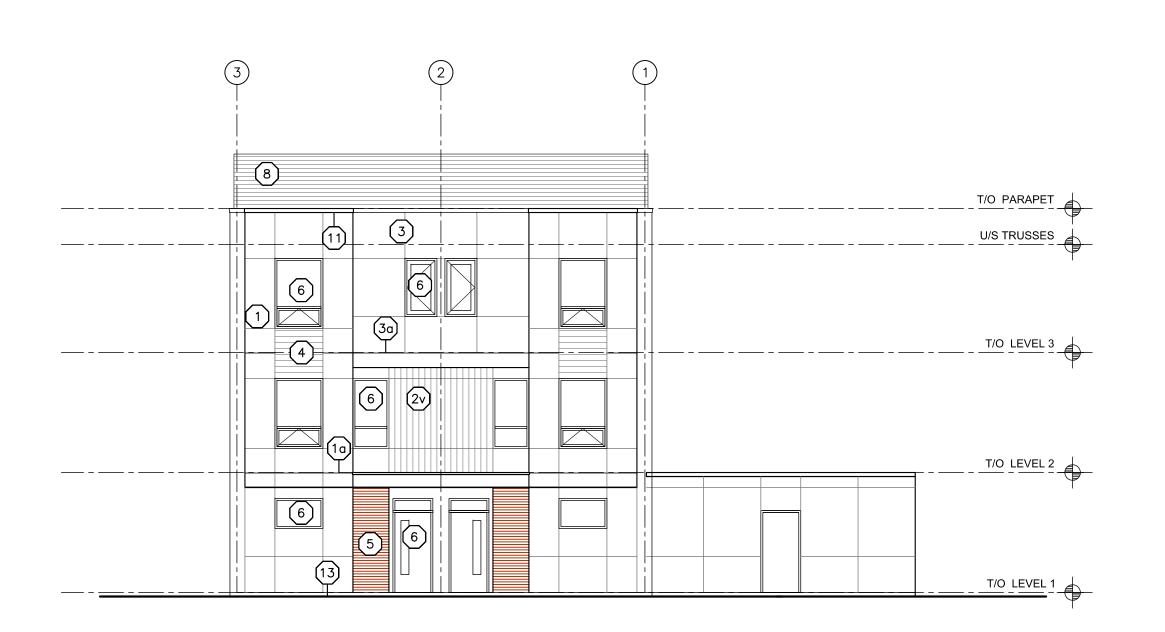
(12) PREFIN. SHEET STEEL FASCIA/ DRIP FLASHING

14) PAINT FINISH OVER CEMENT FACED RIGID INSULATION







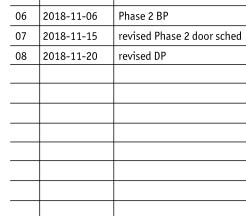




AcademyRidge
2018-11-20
revised
DP

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	ejohn Architects ut the Architects	Inc. and may not be used ' consent.
No.	Date	Revision
01	2018-06-04	issued for DP
02	2018-07-03	clarify parking requiremen
03	2018-08-21	issued for pricing
04	2018-09-26	revised DP drawings
05	2018-10-11	Phase 1 BP
06	2018-11-06	Phase 2 BP
07	2018-11-15	revised Phase 2 door sched



ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

A4.01

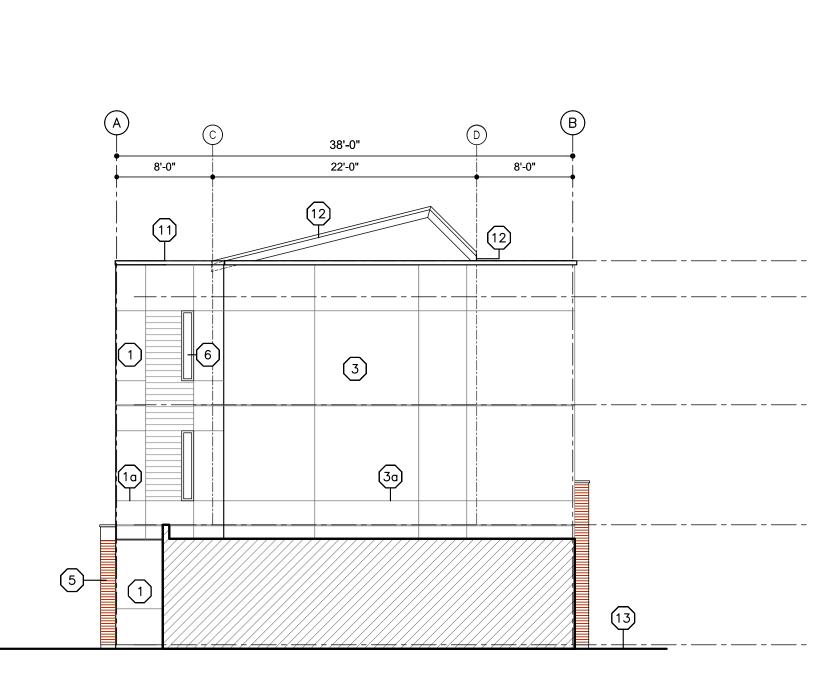
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

Exterior Elevations Building 1

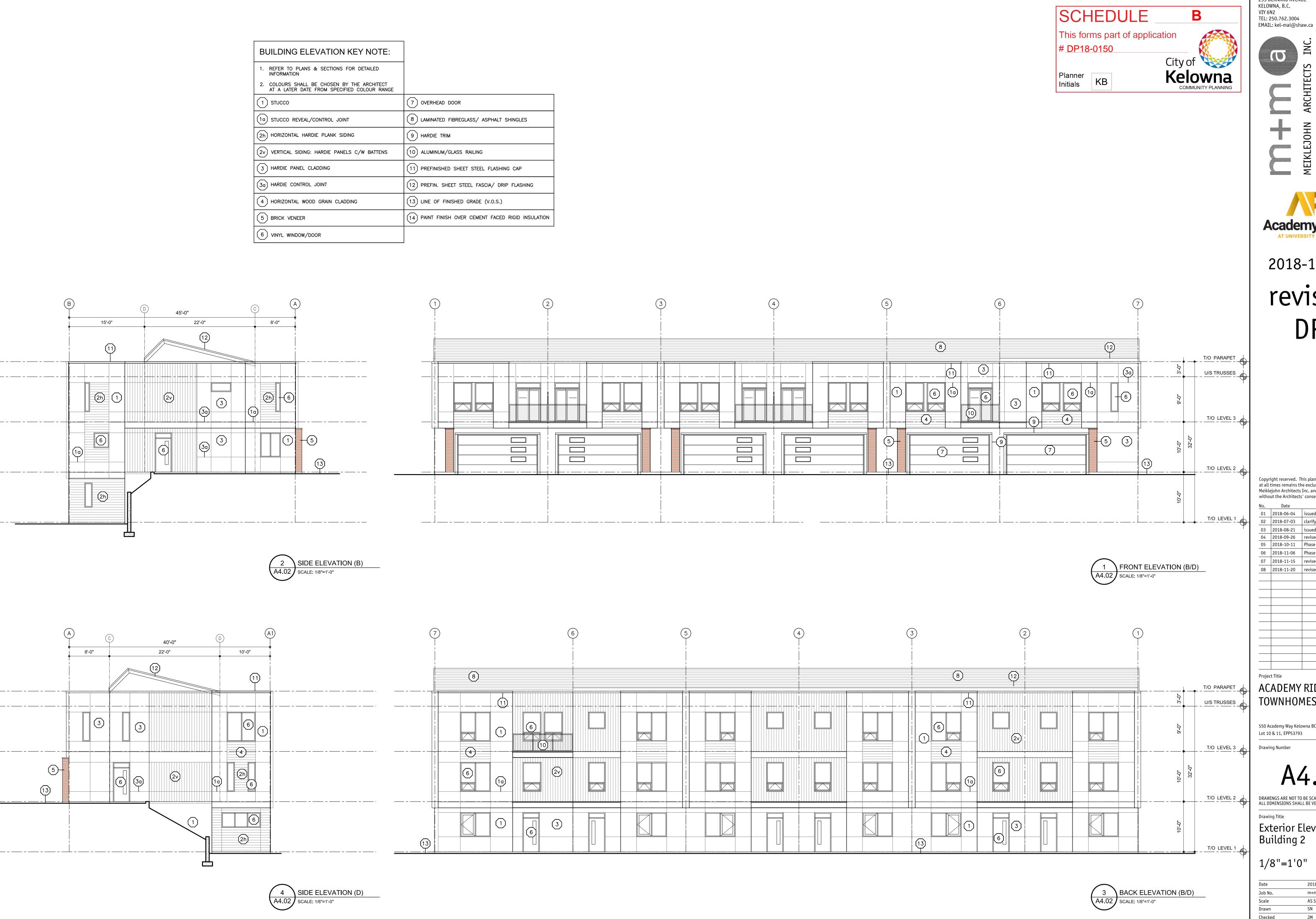
1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	JM





SIDE ELEVATION (C2)



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2018-11-20

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01 2018-06-04 issued for DP 02 2018-07-03 | clarify parking requirement 03 | 2018-08-21 | issued for pricing

04 2018-09-26 revised DP drawings 05 2018-10-11 Phase 1 BP

06 | 2018-11-06 | Phase 2 BP

07 2018-11-15 revised Phase 2 door sched

08 | 2018-11-20 | revised DP

Project Title ACADEMY RIDGE **TOWNHOMES**

550 Academy Way Kelowna BC

Lot 10 & 11, EPP53793 Drawing Number

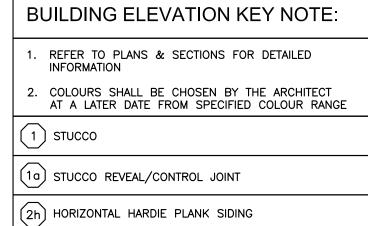
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title Exterior Elevations

Building 2 1/8"=1'0"

Date	2018-11-20	
Job No.	m+m 17-1760	
Scale	AS SHOWN	
Drawn	SN	
CI I I	314	





2v VERTICAL SIDING: HARDIE PANELS C/W BATTENS

3 HARDIE PANEL CLADDING

3a HARDIE CONTROL JOINT

4 HORIZONTAL WOOD GRAIN CLADDING

5 BRICK VENEER

6 VINYL WINDOW/DOOR

7 OVERHEAD DOOR

8 LAMINATED FIBREGLASS/ ASPHALT SHINGLES

9 HARDIE TRIM

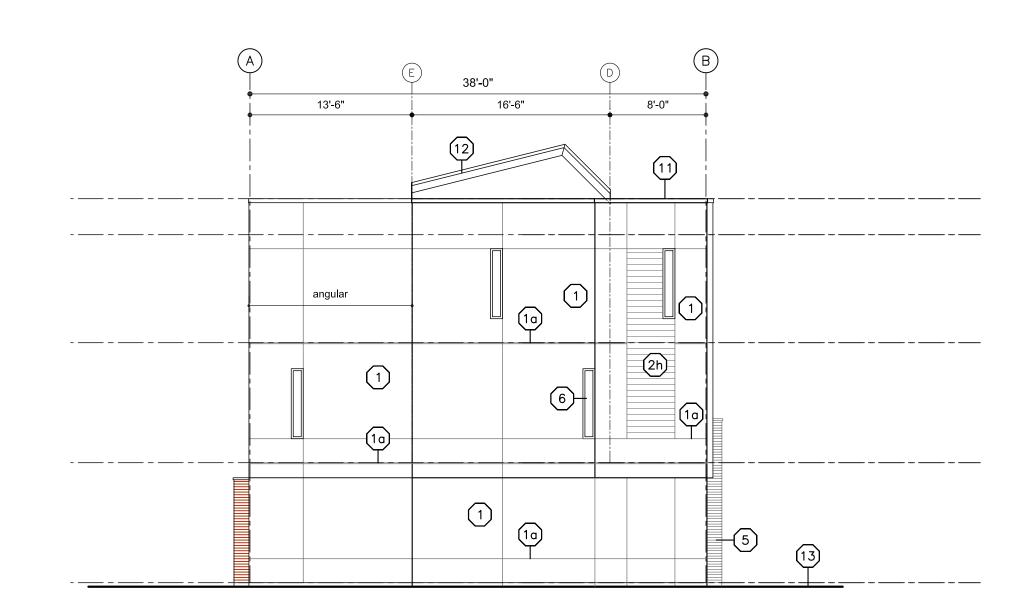
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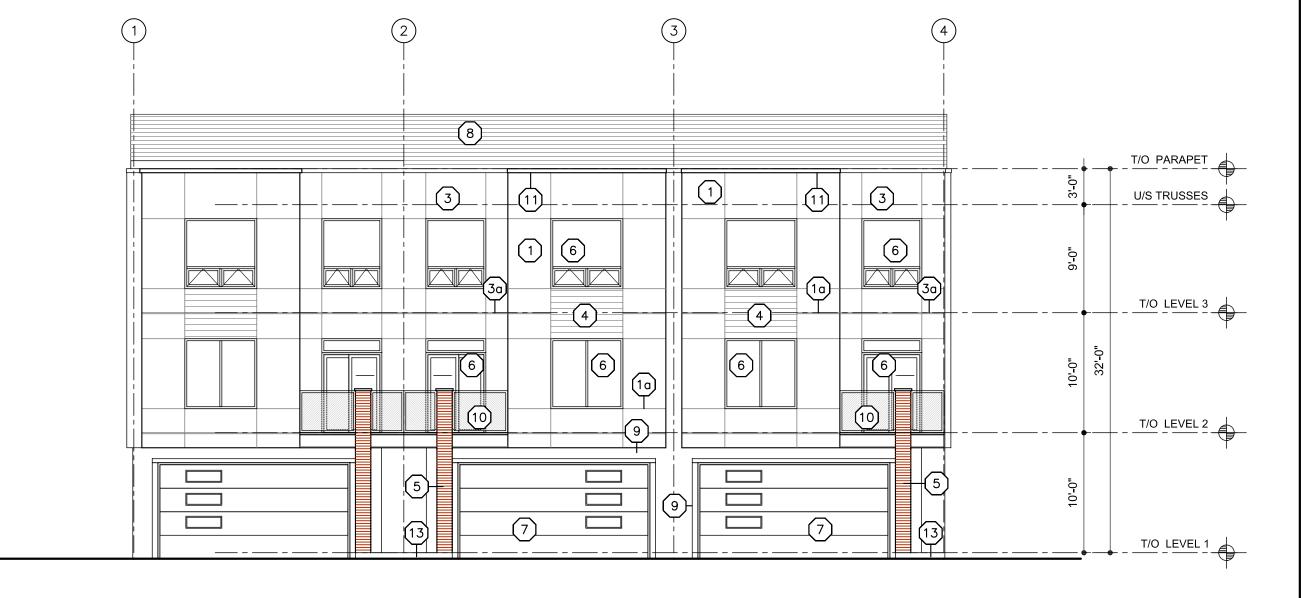
(11) PREFINISHED SHEET STEEL FLASHING CAP

12) PREFIN. SHEET STEEL FASCIA/ DRIP FLASHING

(13) LINE OF FINISHED GRADE (V.O.S.)

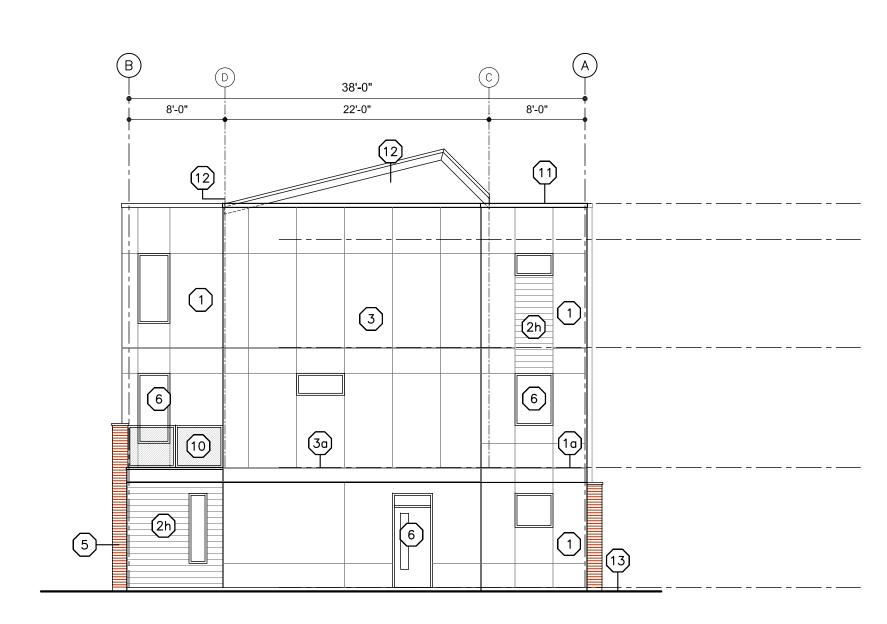
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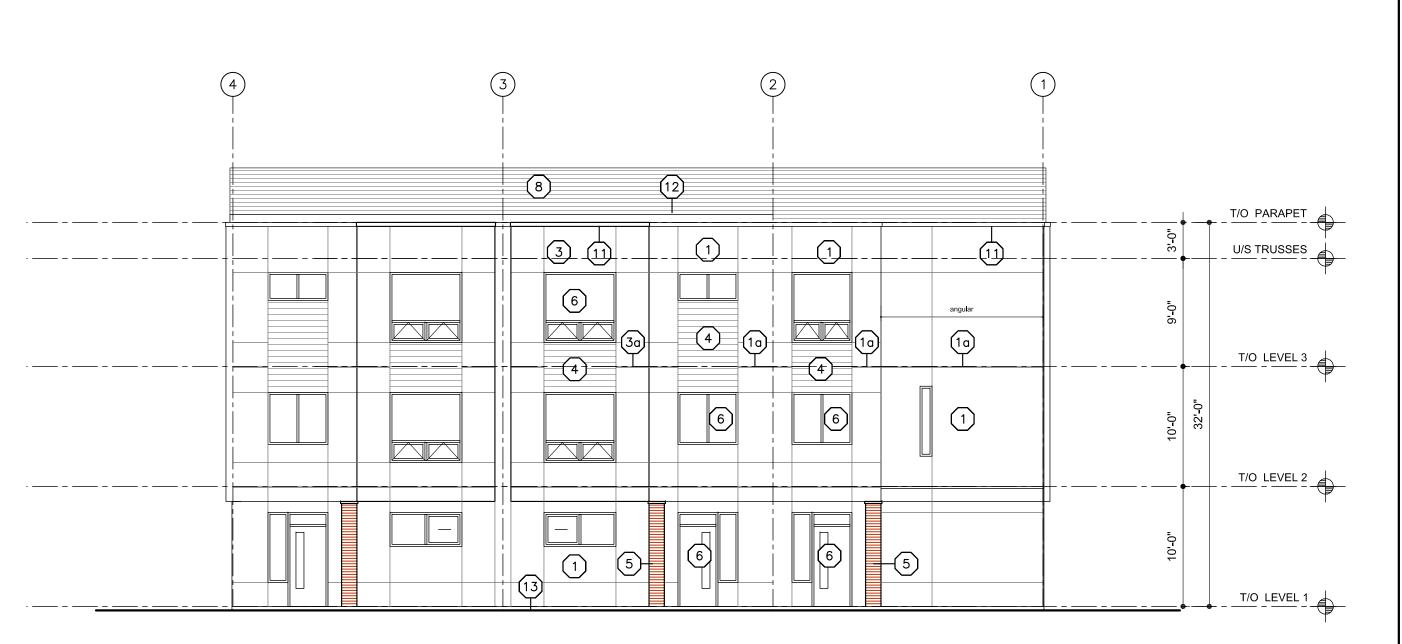
















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No. Date

01 2018-06-04 issued for DP 02 2018-07-03 clarify parking requirement 03 | 2018-08-21 | issued for pricing 04 2018-09-26 revised DP drawings

05 2018-10-11 Phase 1 BP 06 | 2018-11-06 | Phase 2 BP

07 2018-11-15 revised Phase 2 door sched 08 | 2018-11-20 | revised DP

Project Title

ACADEMY RIDGE **TOWNHOMES**

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

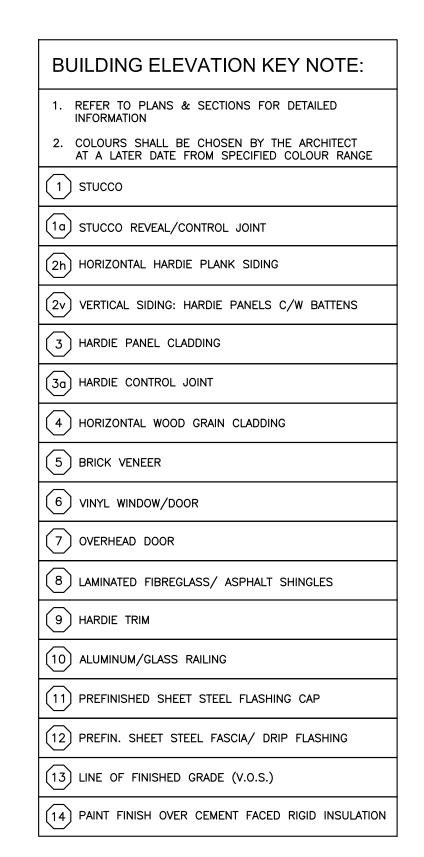
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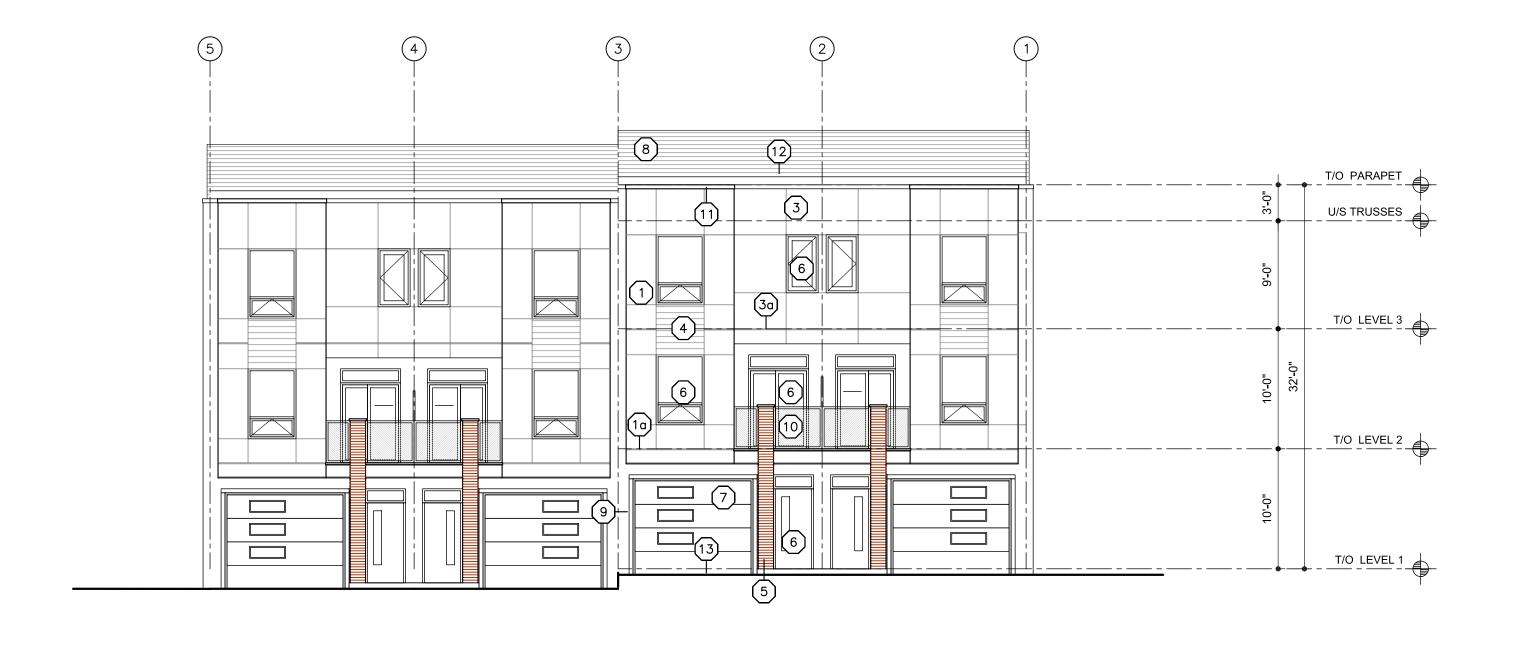
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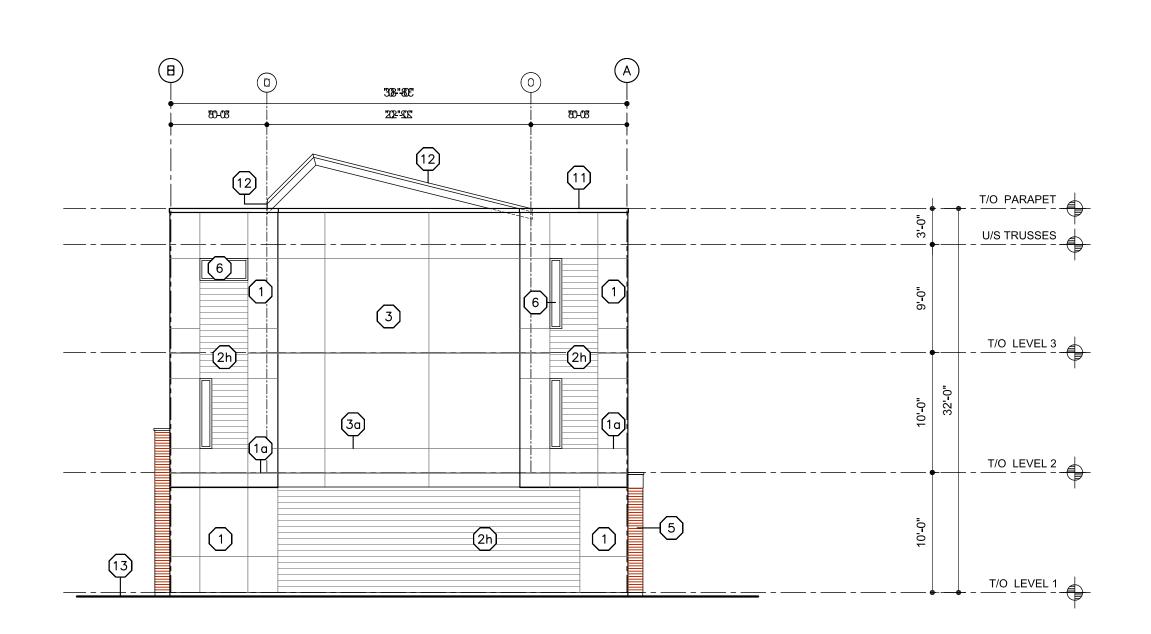
Drawing Title Exterior Elevations Building 3

1/8"=1'0"

Date	2018-11-20	
Job No.	m+m 17-1760	
Scale	AS SHOWN	
Drawn	SN	
Checked	JM	













FRONT ELEVATION (C2)

A4.04 SCALE: 1/8"=1'-0"

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DP

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 No.
 Date
 Revision

 01
 2018-06-04
 issued for DP

 02
 2018-07-03
 clarify parking requirement

 03
 2018-08-21
 issued for pricing

 04
 2018-09-26
 revised DP drawings

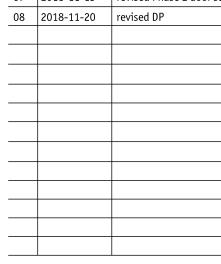
 05
 2018-10-11
 Phase 1 BP

 05
 2018-10-11
 Phase 1 BP

 06
 2018-11-06
 Phase 2 BP

 07
 2018-11-15
 revised Phase 2 door sched

 08
 2018-11-20
 revised DP



Project Title

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

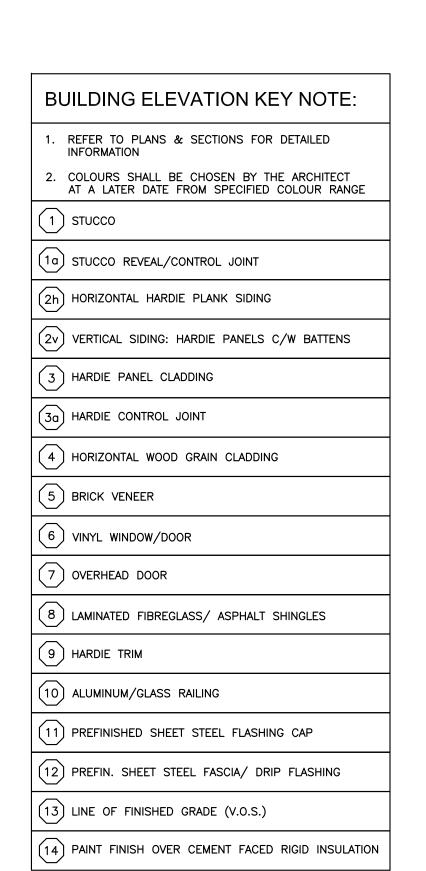
A4.04

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

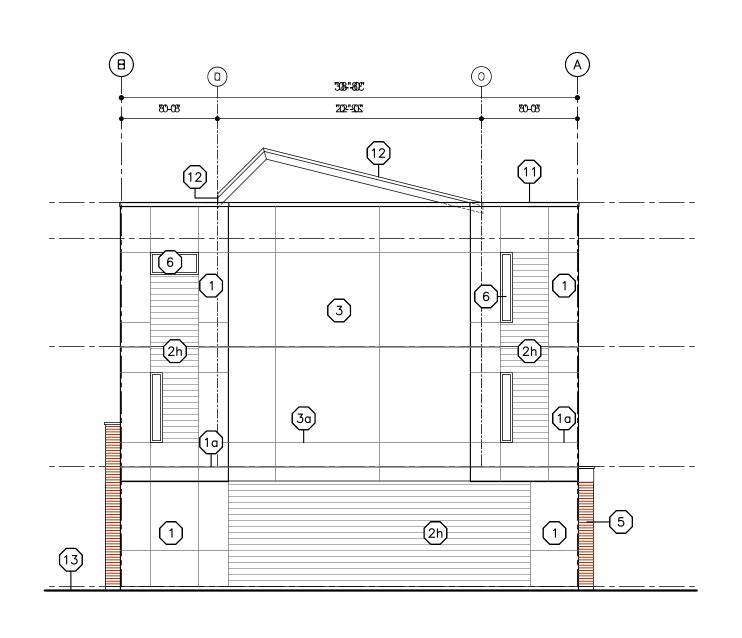
Drawing Title

Exterior Elevations
Buildings 10+11
(sim bldgs. 4+5)
1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	JM













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EMAIL: kel-mai@shaw.ca

Kelowna

City of

SCHEDULE

SCALE: 1/8"=1'-0"

#<u>DP18-0150</u>

Planner Initials

This forms part of application

MEIKLEJOHN



2018-11-20 revised

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without the Architects' consent. No. Date 01 2018-06-04 issued for DP 02 2018-07-03 clarify parking requirement

03 2018-08-21 issued for pricing 04 2018-09-26 revised DP drawings 05 2018-10-11 Phase 1 BP 06 | 2018-11-06 | Phase 2 BP

07 2018-11-15 revised Phase 2 door sched 08 2018-11-20 revised DP

Project Title ACADEMY RIDGE **TOWNHOMES**

550 Academy Way Kelowna BC

Lot 10 & 11, EPP53793 **Drawing Number**

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

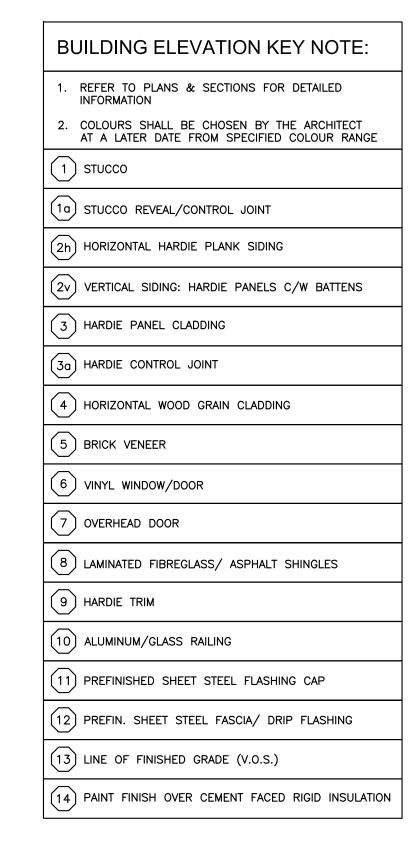
Exterior Elevations Building 8 (sim bldg. 6)

1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Chackad	ЛМ

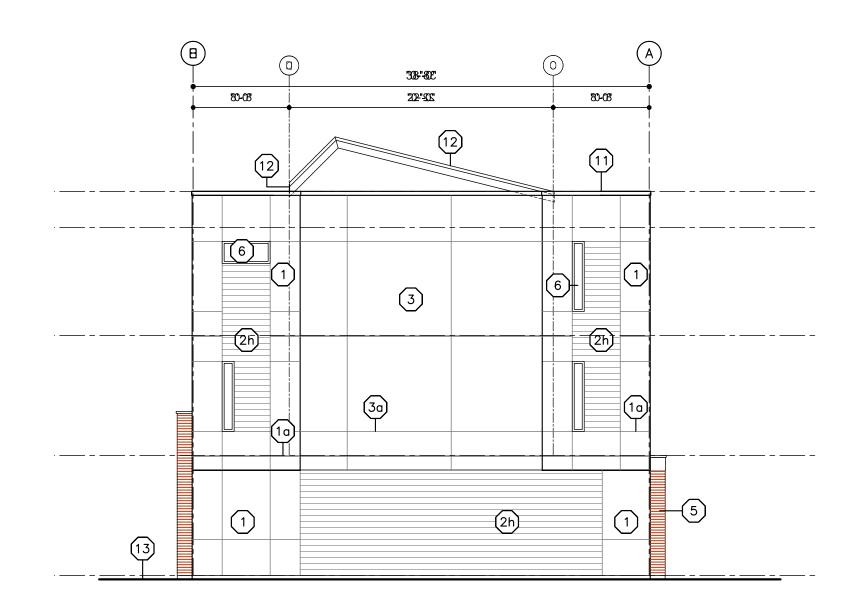














2 BACK ELEVATION (C2)
SCALE: 1/8"=1'-0"

MEIKLEJOHN

233 BERNARD AVENUE KELOWNA, B.C.

VIY 6N2



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Date 01 2018-06-04 issued for DP

02 2018-07-03 clarify parking requirement 03 2018-08-21 issued for pricing 04 2018-09-26 revised DP drawings 05 2018-10-11 Phase 1 BP

06 | 2018-11-06 | Phase 2 BP 07 2018-11-15 revised Phase 2 door sched 08 2018-11-20 revised DP

Project Title

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Drawing Number

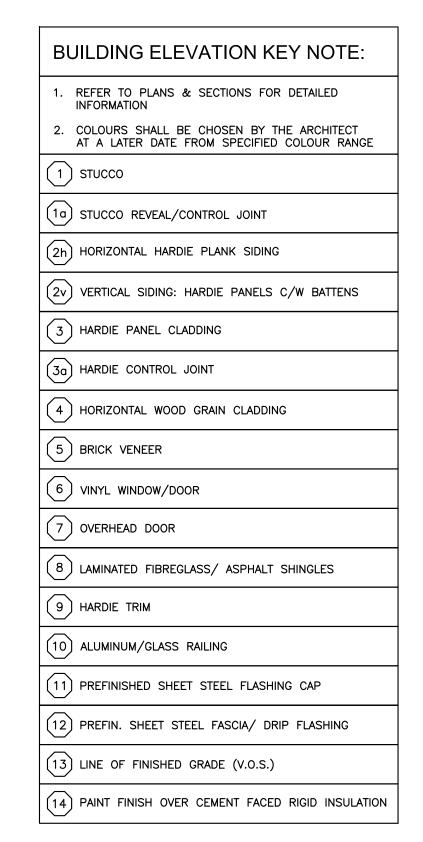
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title Exterior Elevations Building 9 (sim bldg. 7)

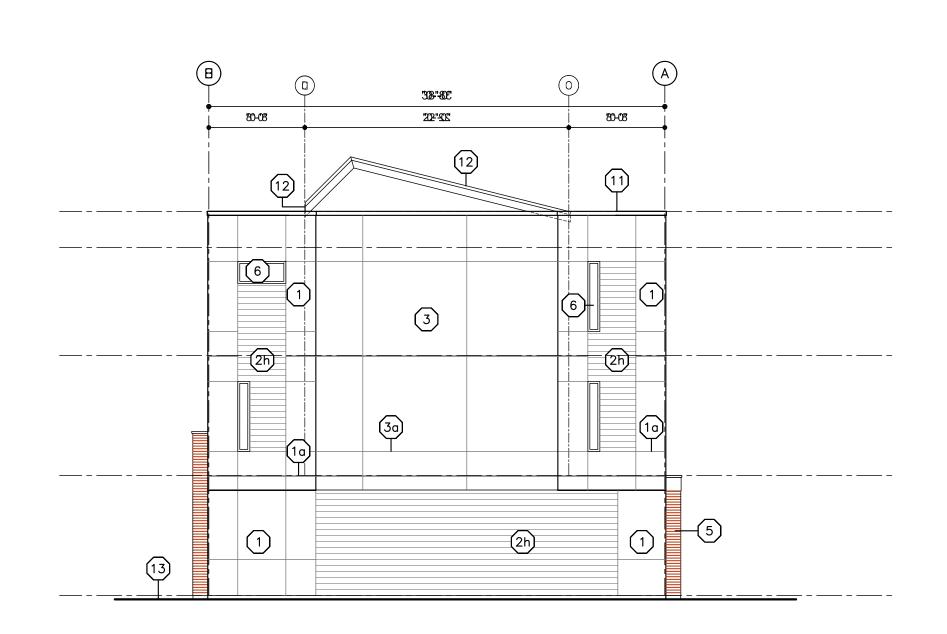
1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	.IM



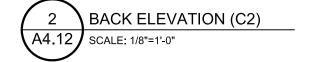












TRONT ELEVATION (C2)

A4.12 SCALE: 1/8"=1'-0"

2018-11-20

AcademyRidge

MEIKLEJOHN

233 BERNARD AVENUE

revised DP

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No. Date Revision
01 2018-06-04 issued for DP

 02
 2018-07-03
 clarify parking requirement

 03
 2018-08-21
 issued for pricing

 04
 2018-09-26
 revised DP drawings

 04
 2018-09-26
 revised DP drawings

 05
 2018-10-11
 Phase 1 BP

 06
 2018-11-06
 Phase 2 BP

 07
 2018-11-15
 revised Phase 2 door sched

 07
 2018-11-15
 revised Phase 2 door s

 08
 2018-11-20
 revised DP

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

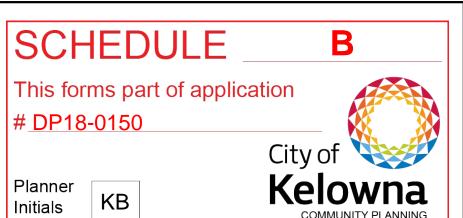
A4.12

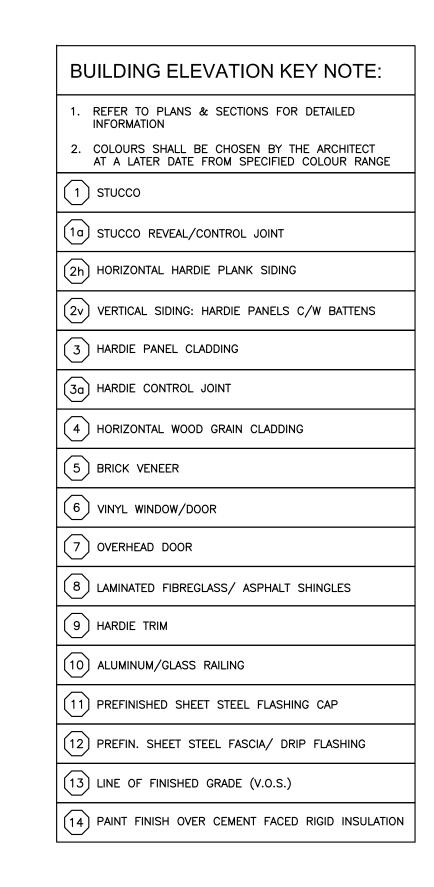
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

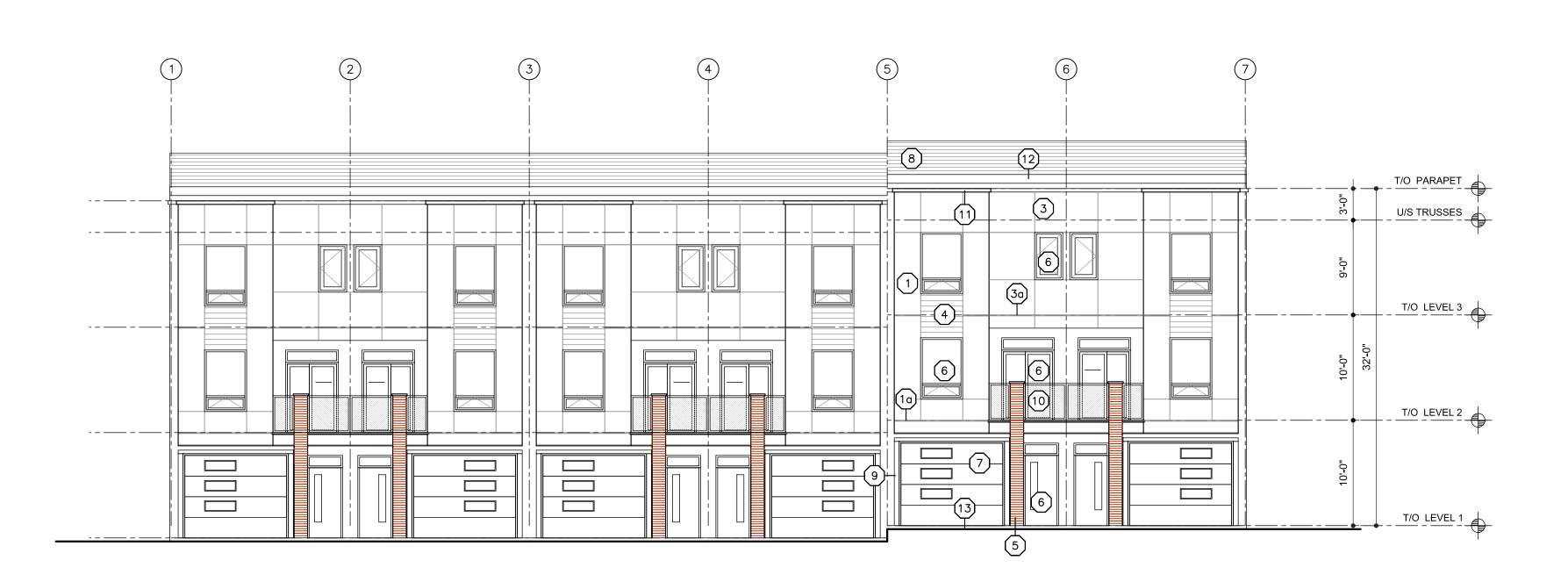
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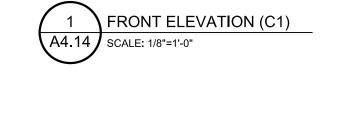
Exterior Elevations
Building 13
(sim bldg. 12)
1/8"=1'0"

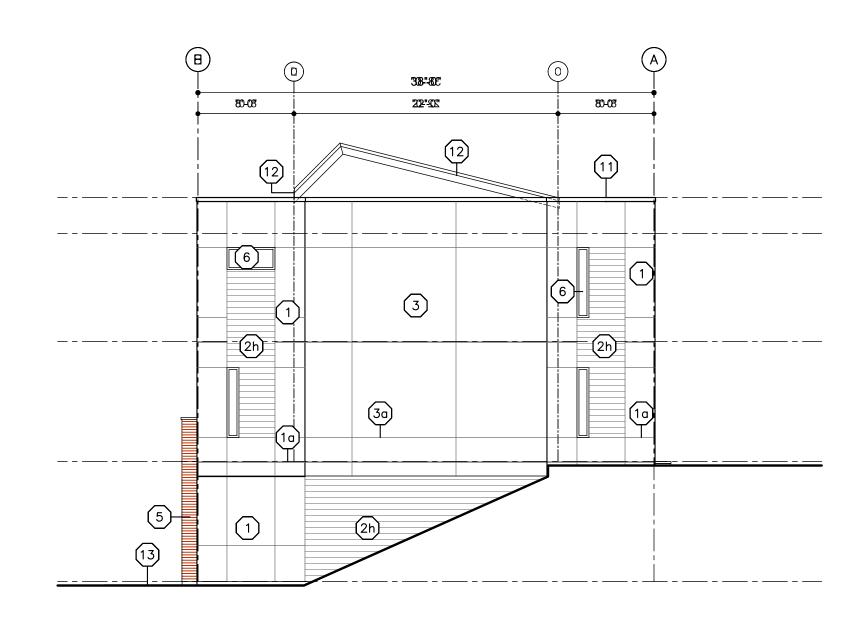
Date	2018-11-20	
Job No.	m+m 17-1760	
Scale	AS SHOWN	_
Drawn	SN	
Checked	JM	

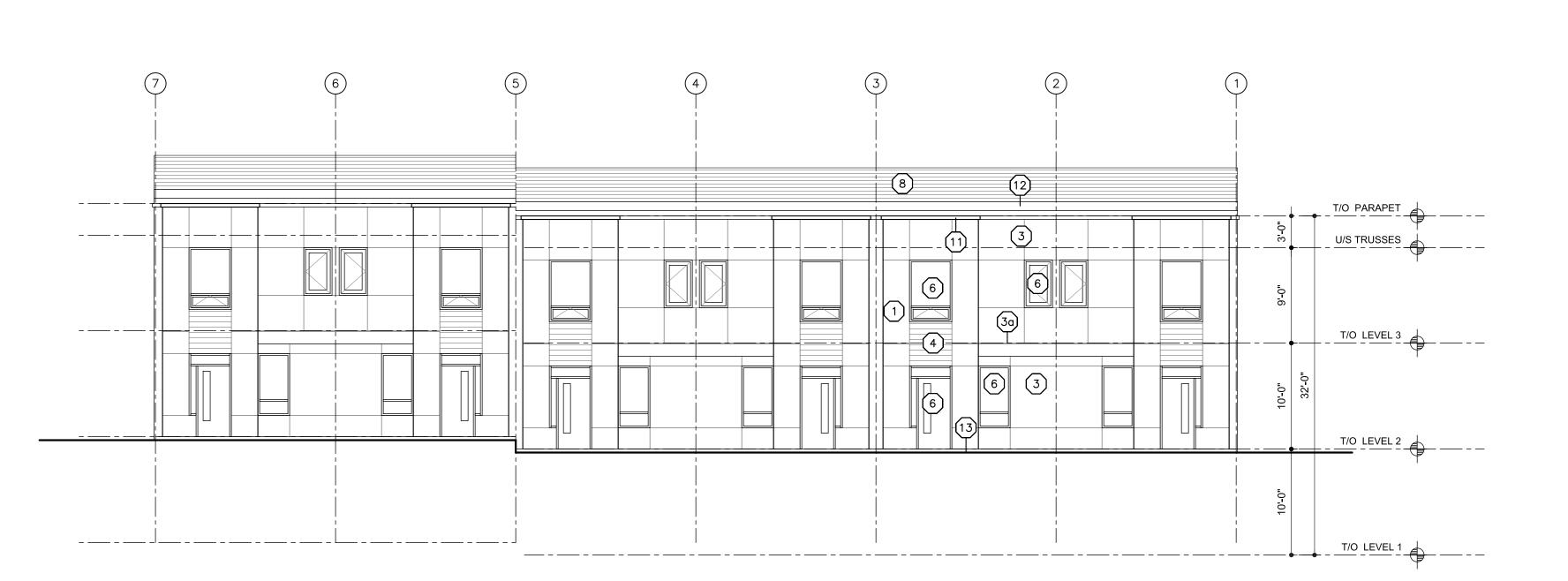
















233 BERNARD AVENUE KELOWNA, B.C. VIY 6N2 TEL: 250.762.3004 EMAIL: kel-mai@shaw.ca

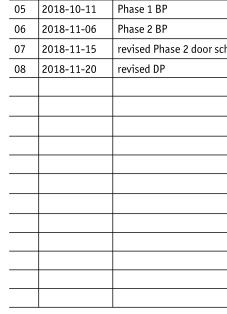




revised
DP

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without the Architects consent.		
No.	Date	Revision
01	2018-06-04	issued for DP
02	2018-07-03	clarify parking requireme
03	2018-08-21	issued for pricing
04	2018-09-26	revised DP drawings
05	2018-10-11	Phase 1 BP
06	2018-11-06	Phase 2 BP
07	2018-11-15	revised Phase 2 door sche
08	2018-11-20	revised DP



Project Title

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

A4.14

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

Exterior Elevations
Building 14
(sim bldg. 25)
1/8"=1'0"

te	2018-11-20
b No.	m+m 17-1760
ale	AS SHOWN
awn	SN



233 BERNARD AVENUE

MEIKLEJOHN

AcademyRidge

2018-11-20

revised

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02 2018-07-03 clarify parking requirement

07 2018-11-15 revised Phase 2 door sched

without the Architects' consent.

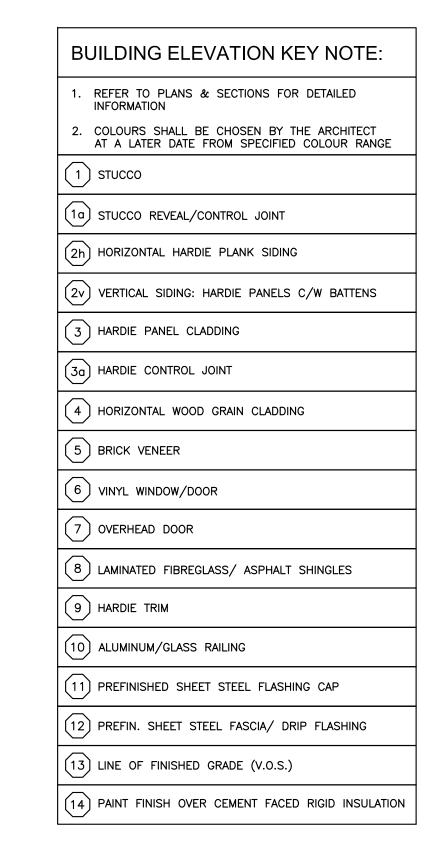
01 2018-06-04 issued for DP

08 2018-11-20 revised DP

03 2018-08-21 issued for pricing 04 2018-09-26 revised DP drawings 05 2018-10-11 Phase 1 BP 06 2018-11-06 Phase 2 BP

No. Date

Project Title





FRONT ELEVATION (A1) A4.15 SCALE: 1/8"=1'-0"

U/S TRUSSES

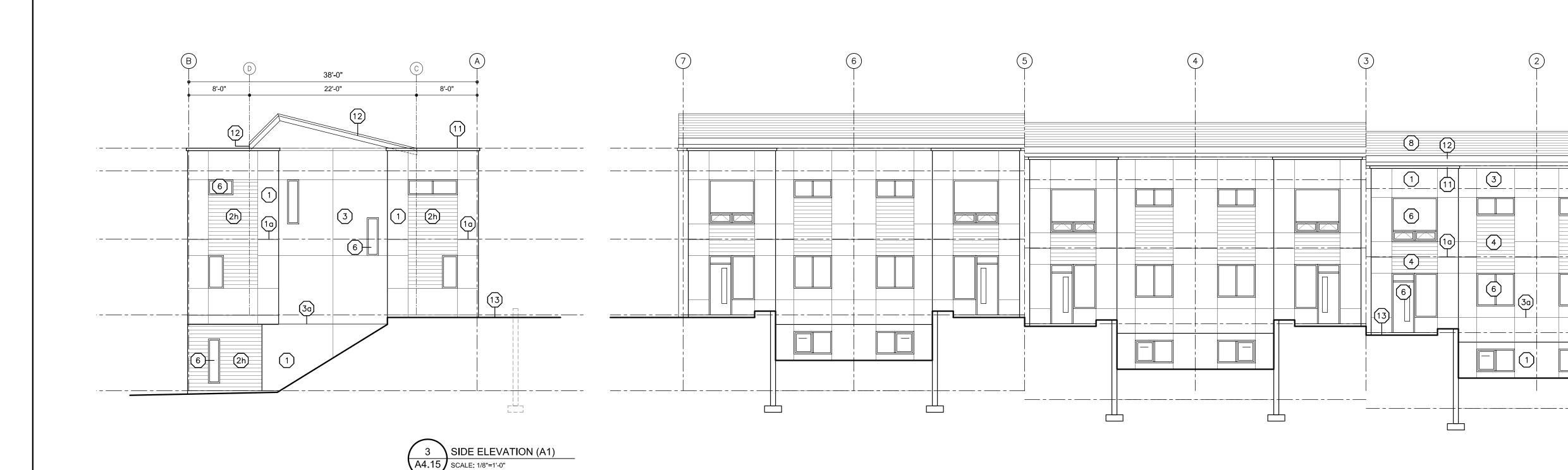
_ T/O LEVEL 3

T/O LEVEL 2

T/O LEVEL 1

BACK ELEVATION (A1)

A4.15 SCALE: 1/8"=1'-0"



550 Academy Way Kelowna BC Lot 10 & 11, EPP53793 **Drawing Number**

ACADEMY RIDGE

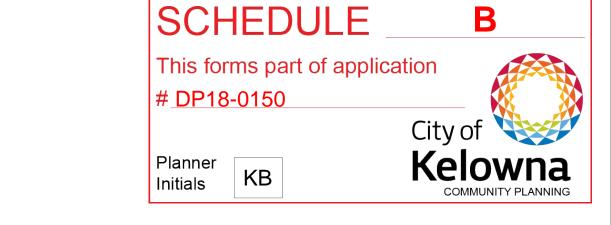
TOWNHOMES

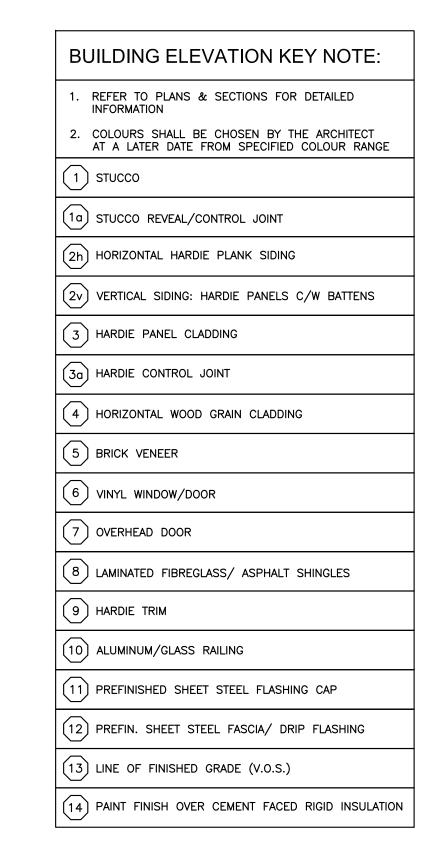
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

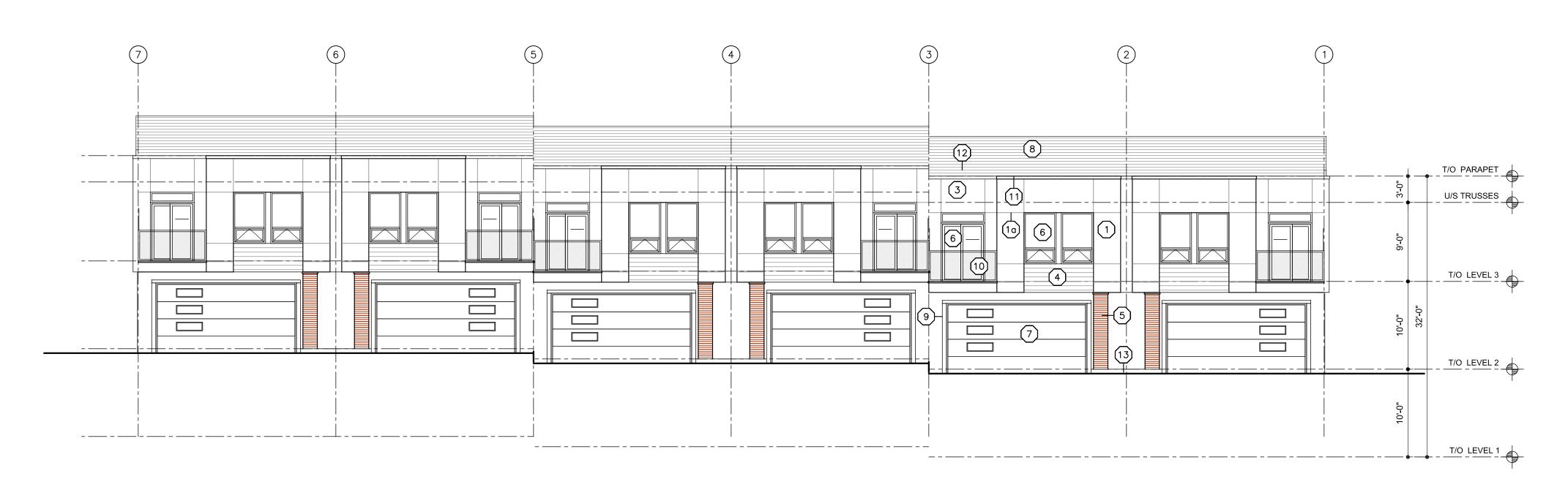
Drawing Title **Exterior Elevations** Building 19 (sim bldgs. 15+17+21) 1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Checked	JM

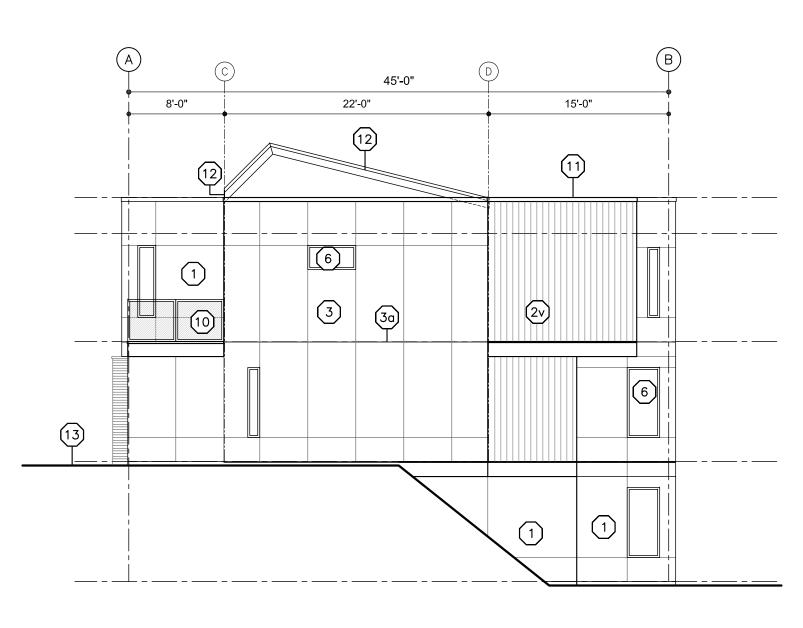




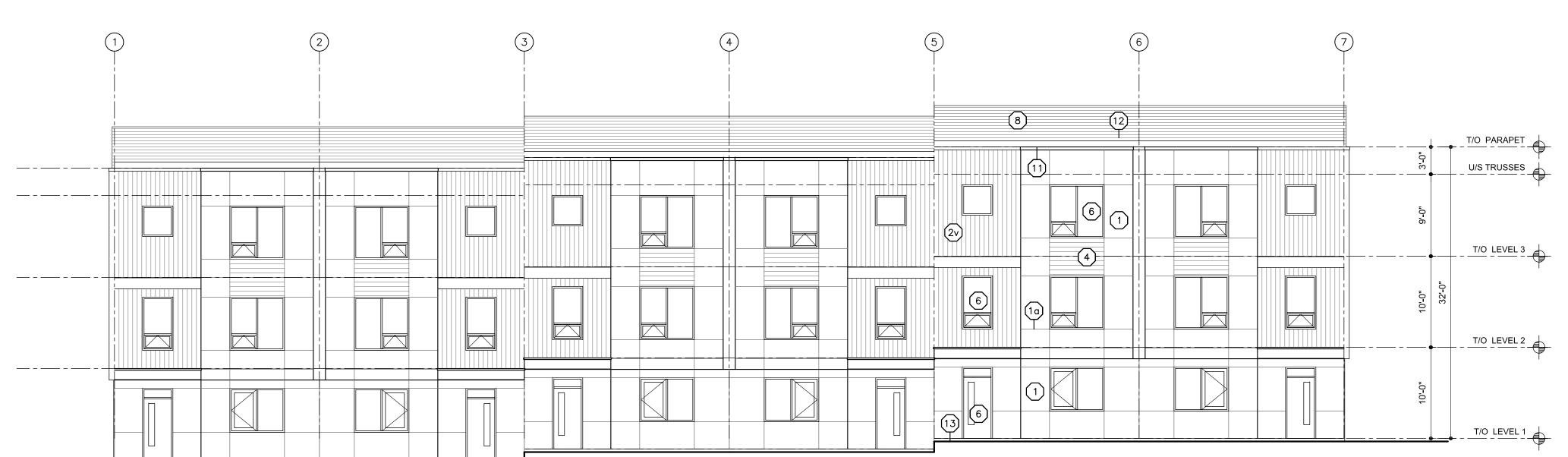




1 FRONT ELEVATION (B)
SCALE: 1/8"=1'-0"



3 SIDE ELEVATION (B)
SCALE: 1/8"=1'-0"



2 BACK ELEVATION (B)
A4.16 SCALE: 1/8"=1'-0"

EMAIL: kel-mai@shaw.ca
LEJOHN ARCHITECTS INC.

233 BERNARD AVENUE KELOWNA, B.C.

TEL: 250.762.3004

VIY 6N2



revised
DP

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No.	Date	Revision	
01	2018-06-04	issued for DP	
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03	2018-08-21	issued for pricing	
04	2018-09-26	revised DP drawings	
05	2018-10-11	Phase 1 BP	
06	2018-11-06	Phase 2 BP	
07	2018-11-15	revised Phase 2 door sched	
08	2018-11-20	revised DP	
	1	I	

Project Title

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Lot 10 & 11, EPP53793

Drawing Number

A4.16

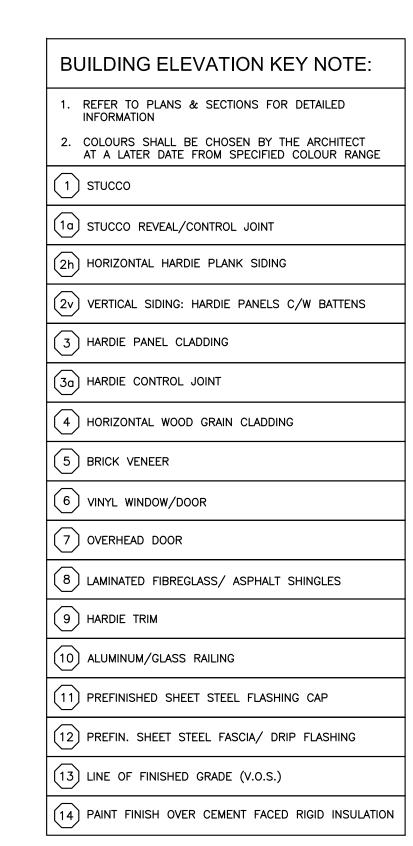
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

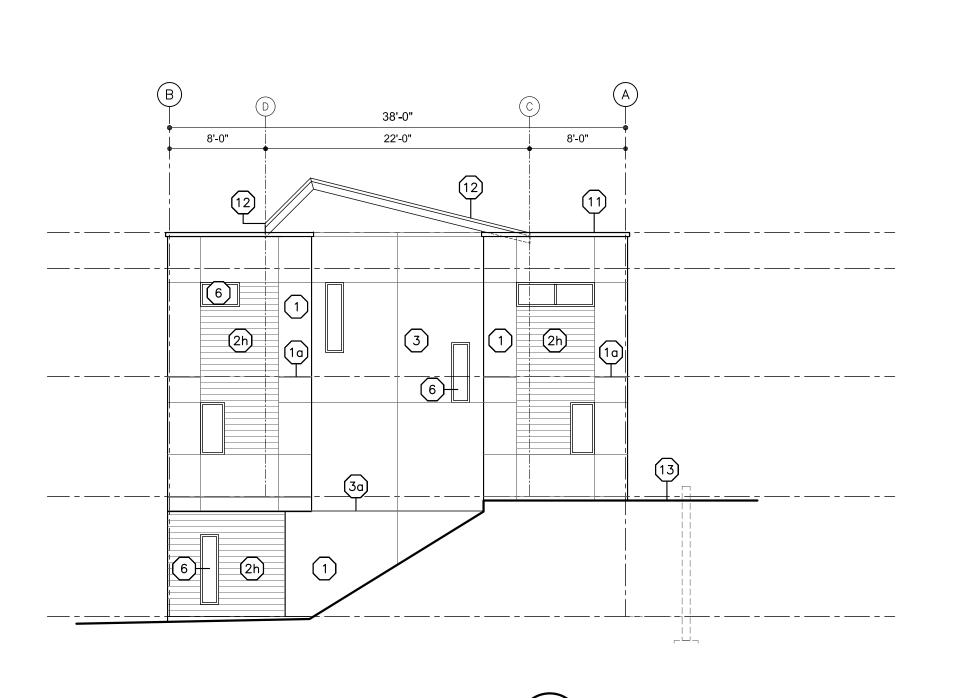
Exterior Elevations
Building 20
(sim bldgs. 16+18+22)
1/8"=1'0"

te	2018-11-20
No.	m+m 17-1760
ile	AS SHOWN
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	744



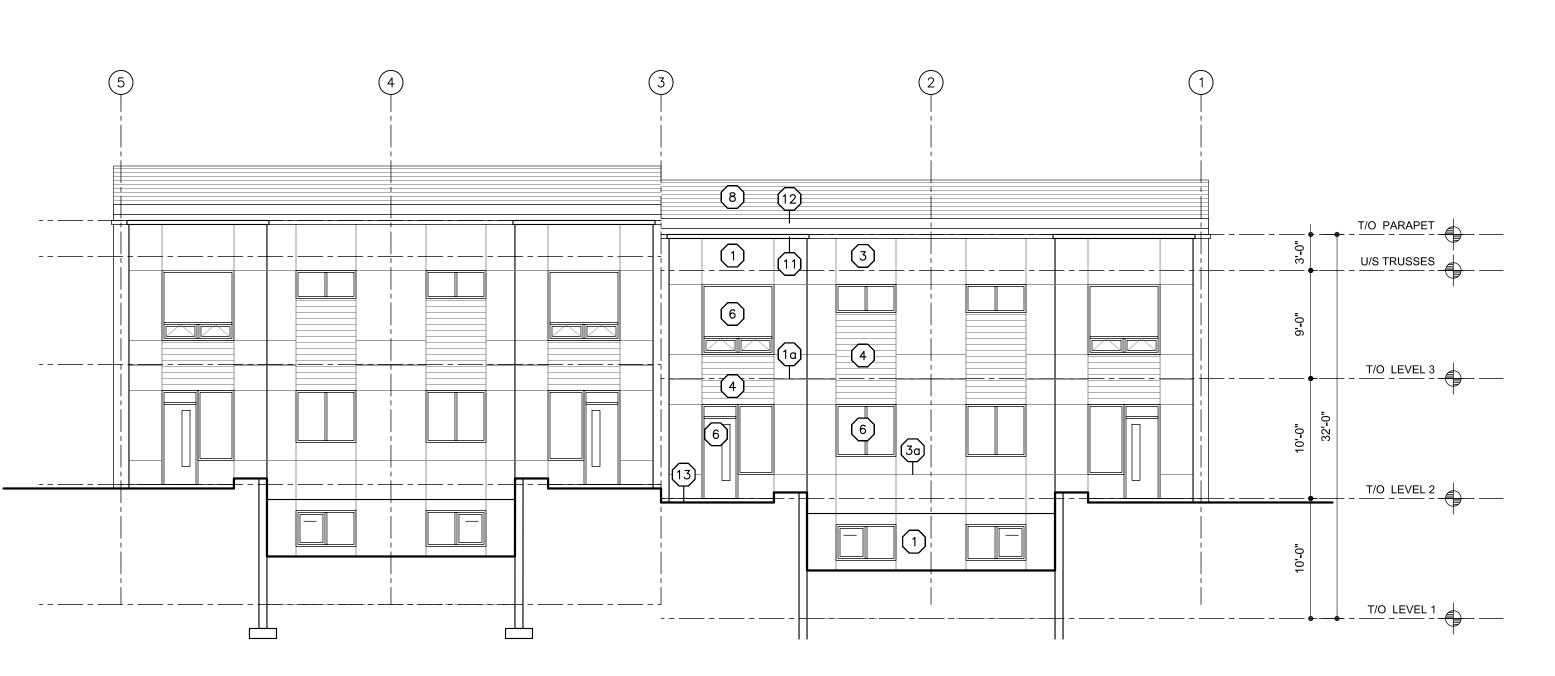






SIDE ELEVATION (A1)

SCALE: 1/8"=1'-0"





FRONT ELEVATION (A1)

A4.23 | SCALE: 1/8"=1'-0"

MEIKLEJOHN ARCHITECTS INC.



revised
DP

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No.	Date	Revision
01	2018-06-04	issued for DP
02	2018-07-03	clarify parking require
03	2018-08-21	issued for pricing
04	2018-09-26	revised DP drawings
05	2018-10-11	Phase 1 BP

 05
 2018-10-11
 Phase 1 BP

 06
 2018-11-06
 Phase 2 BP

 07
 2018-11-15
 revised Phase 2 door sched

 08
 2018-11-20
 revised DP

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Drawing Number

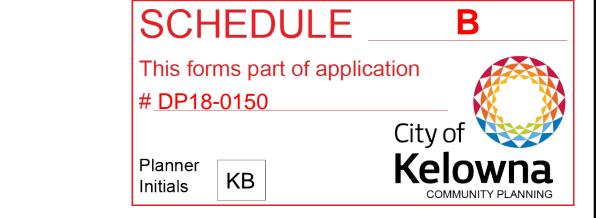
A4.23

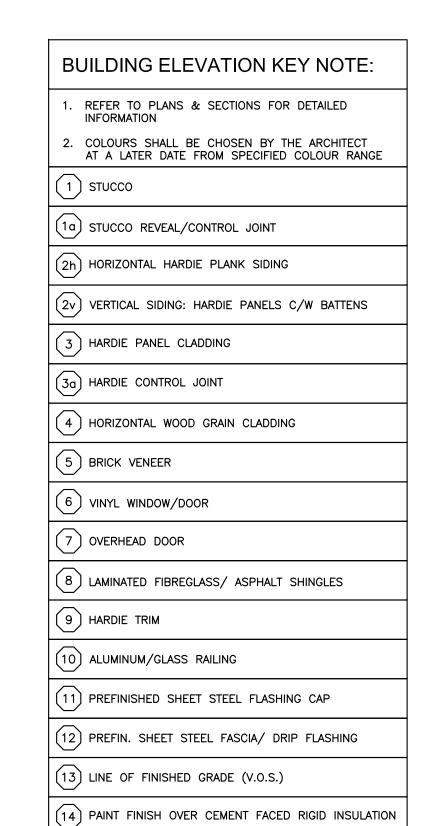
DRAWINGS ARE NOT TO BE SCALED.
ALL DIMENSIONS SHALL BE VERIFIED ON JOB

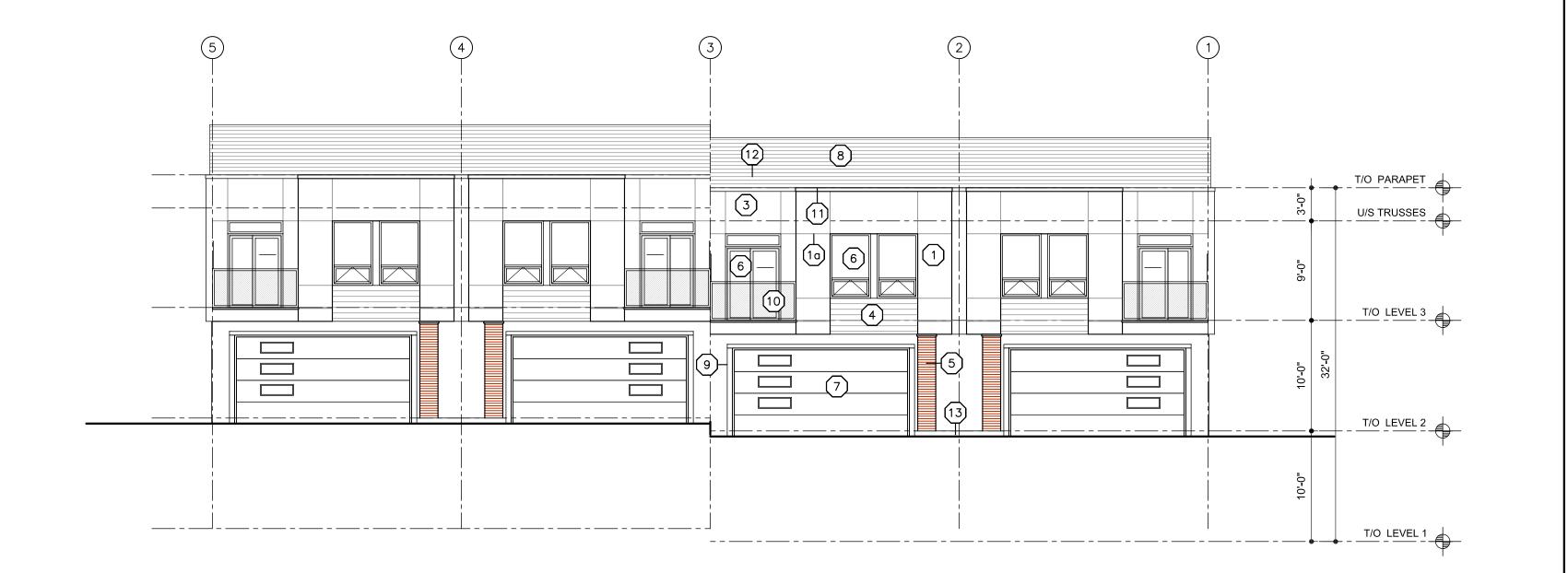
Exterior Elevations
Building 23

1/8"=1'0"

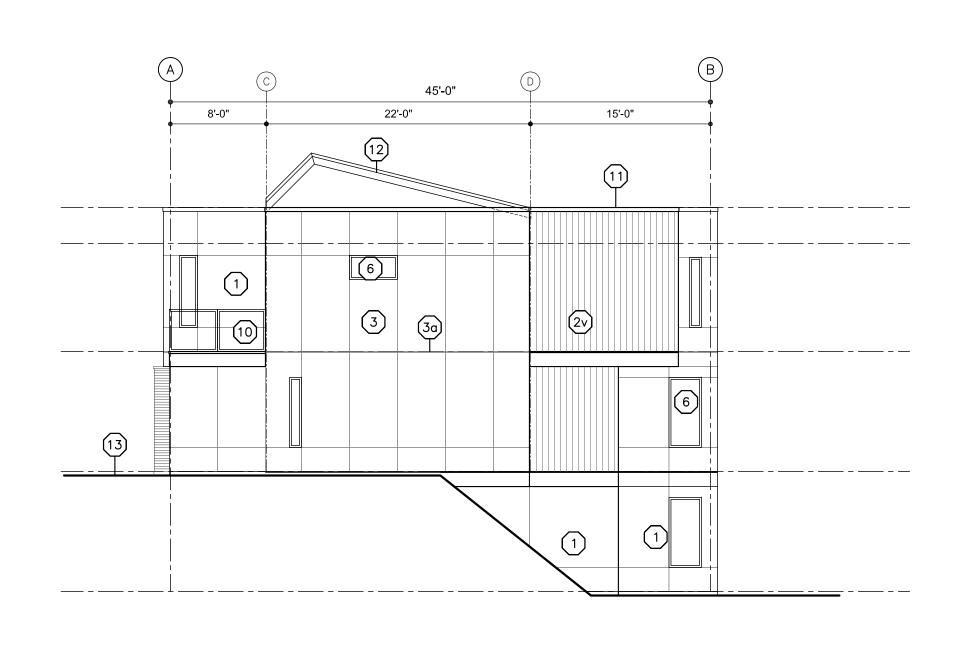
Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Chackad	1M





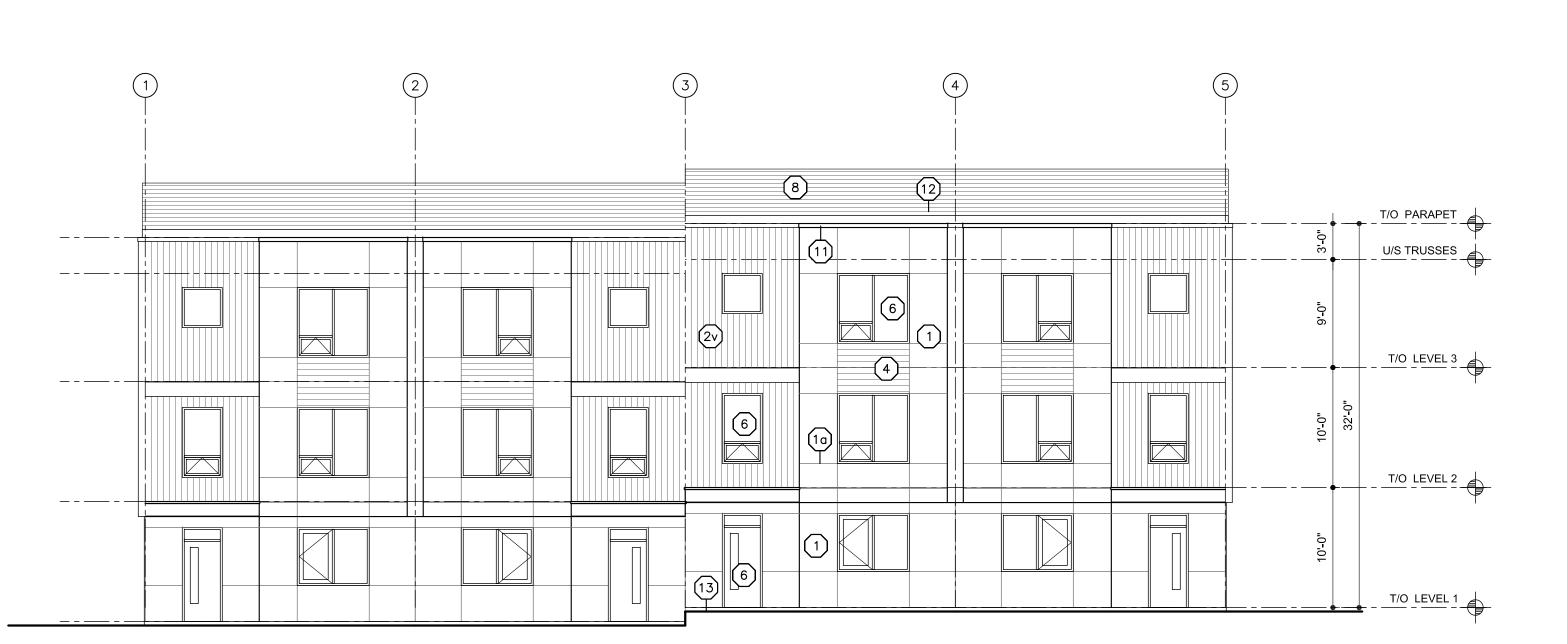






SIDE ELEVATION (B)

A4.24 SCALE: 1/8"=1'-0"





233 BERNARD AVENUE KELOWNA, B.C. VIY 6N2 TEL: 250.762.3004 EMAIL: kel-mai@shaw.ca

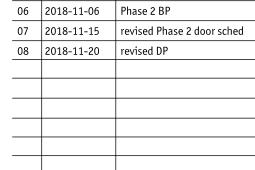




2018-11-20 revised

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without the Architects' consent.			
	No. Date		Revision
	01	2018-06-04	issued for DP
	02	2018-07-03	clarify parking requireme
	03	2018-08-21	issued for pricing
	04	2018-09-26	revised DP drawings
	05	2018-10-11	Phase 1 BP
	06	2018-11-06	Phase 2 BP



Project Title

ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

Drawing Number

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title

Exterior Elevations Building 24 (sim bldgs. 26+28) 1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
<u> </u>	744



233 BERNARD AVENUE KELOWNA, B.C. VIY 6N2 TEL: 250.762.3004

EMAIL: kel-mai@shaw.ca



MEIKLEJOHN

2018-11-20

revised

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01 2018-06-04 issued for DP 02 2018-07-03 clarify parking requirement

03 | 2018-08-21 | issued for pricing

04 2018-09-26 revised DP drawings 05 2018-10-11 Phase 1 BP

06 2018-11-06 Phase 2 BP

07 | 2018-11-15 | revised Phase 2 door sched

08 | 2018-11-20 | revised DP

Project Title

ACADEMY RIDGE **TOWNHOMES**

550 Academy Way Kelowna BC Lot 10 & 11, EPP53793

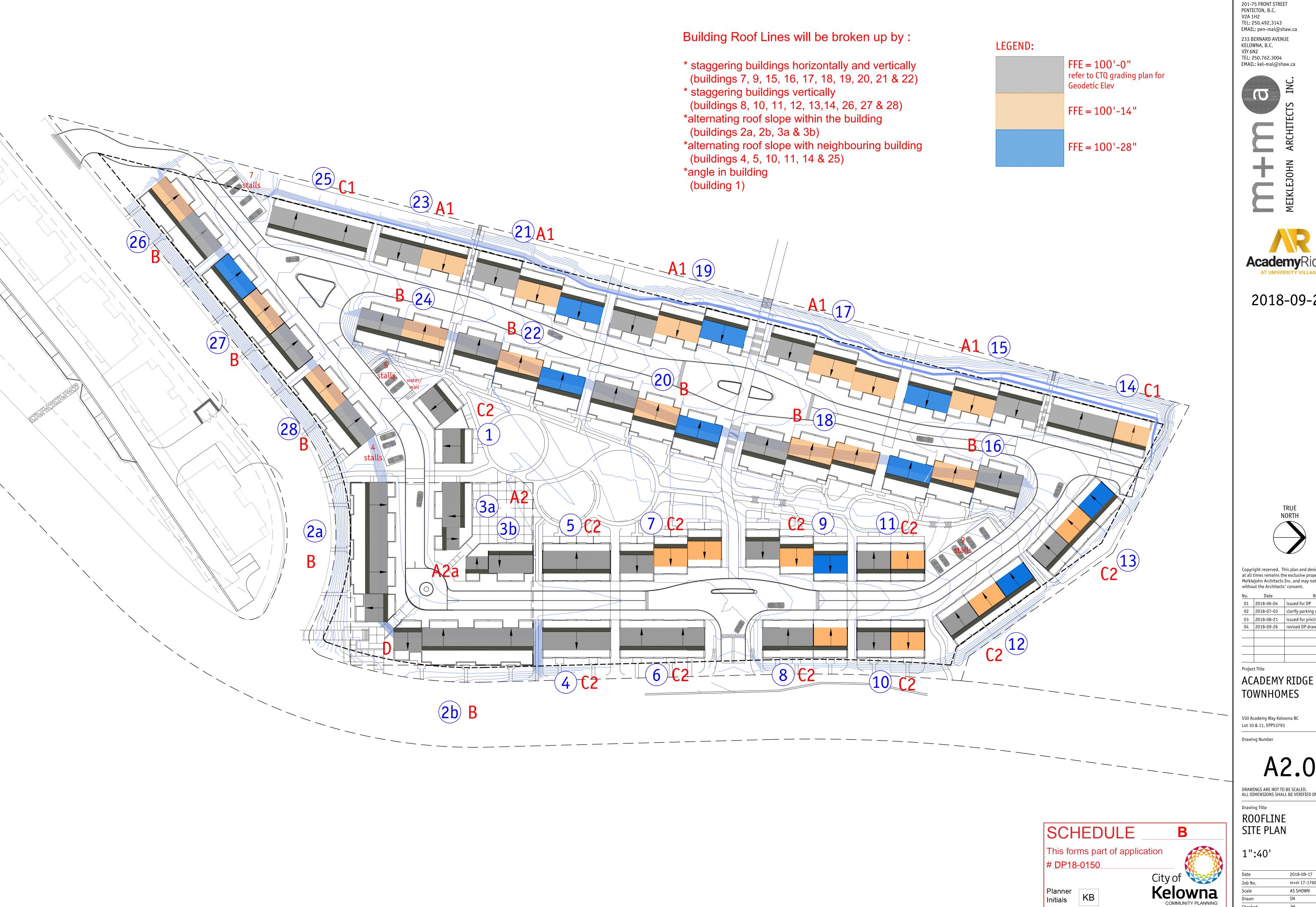
Drawing Number

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

Drawing Title Exterior Elevations Building 27

1/8"=1'0"

Date	2018-11-20
Job No.	m+m 17-1760
Scale	AS SHOWN
Drawn	SN
Chackad	1M



201-75 FRONT STREET
PENTICTON, B.C.
V2A 1H2
TEL: 250.492.3143
EMAIL: pen-mai@shaw.ca





2018-09-26



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02 2018-07-03 clarify parking requirement 03 2018-08-21 issued for pricing 04 2018-09-26 revised DP drawings

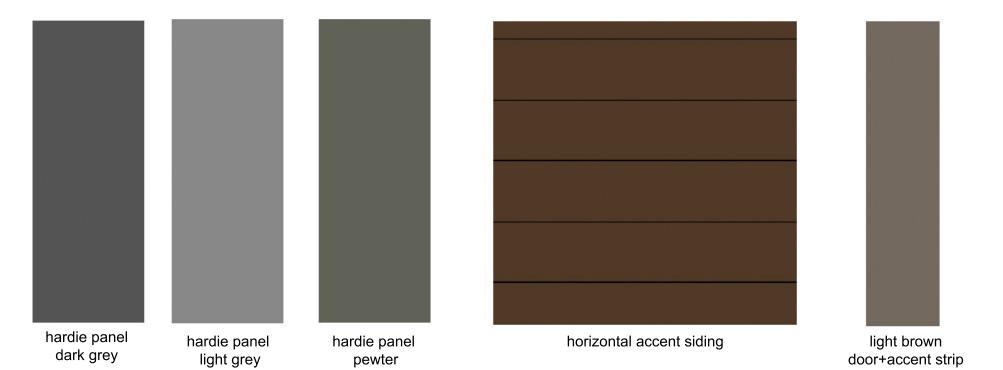
ACADEMY RIDGE TOWNHOMES

550 Academy Way Kelowna BC

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

2018-09-17 m+m 17-1760 AS SHOWN









chestnut brown siding









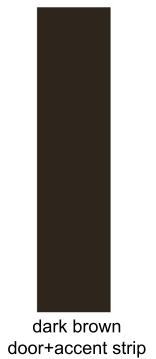
light grey



hardie panel pewter



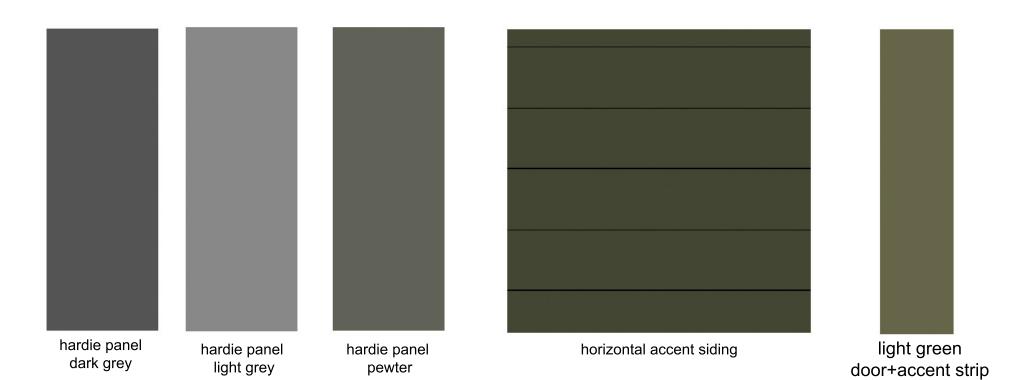
horizontal accent siding



m+m a



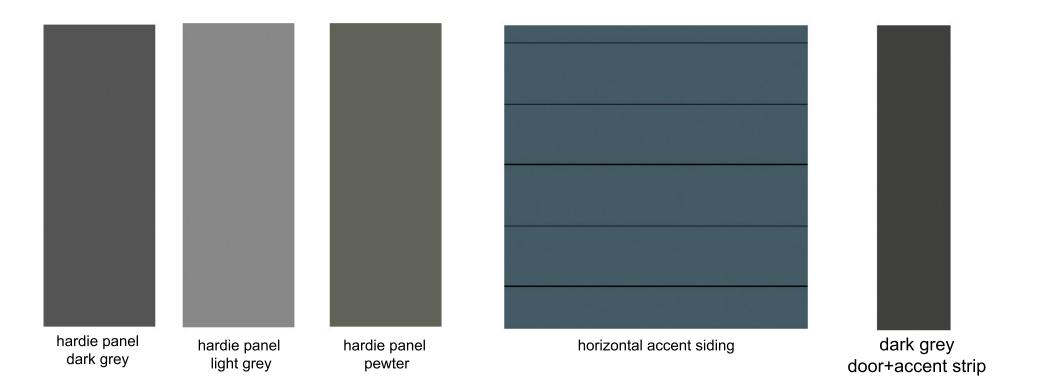
















evening blue siding

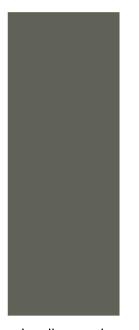






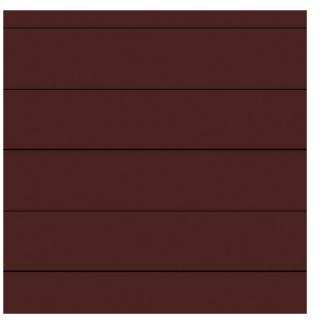


hardie panel light grey

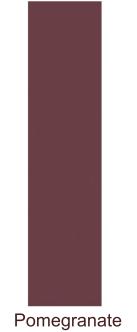


hardie panel pewter

Academy Ridge Townhouses



horizontal accent siding



door+accent strip









303-590 KLO Road Kelowna, BC V1Y 7S2 T (250) 868-9270 www.outlanddesign.ca



PROJECT TITLE

ACADEMY RIDGE

Kelowna, BC

DRAWING TITLE

ISSUED FOR / REVISION

CONCEPTUAL LANDSCAPE PLAN

-3 -	
DESIGN BY	KM
DRAWN BY	NG
CHECKED BY	FB
DATE	OCT. 19, 2018
SCALE	1:500
-	

SEAL



DRAWING NUMBER

1/3

ISSUED FOR REVIEW ONLY

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PROJECT TITLE

ACADEMY RIDGE

Kelowna, BC

DRAWING TITLE

ISSUED FOR / REVISION

CONCEPTUAL LANDSCAPE PLAN

3 4
5

-	
DESIGN BY	KM
DRAVVN BY	NG
CHECKED BY	FB
DATE	OCT. 19, 2018
SCALE	1:500

SEAL



DRAWING NUMBER

L 2/3

ISSUED FOR REVIEW ONLY

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IRRIGATION LEGEND					
	ZONE #1: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 82 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 117 cu.m.		ZONE #24: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 98 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 98 cu.m.		
	ZONE #2: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 63 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 63 cu.m.		ZONE #25: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 72 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 103 cu.m.		
	ZONE #3: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 97 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 139 cu.m.		ZONE #26: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 71 sq.m. MICROCLIMATE: NORTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 101 cu.m.		
	ZONE #4: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS TOTAL AREA: 96 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 137 cu.m.		ZONE #27: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 90 sq.m. MICROCLIMATE: NORTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 129 cu.m.		
	ZONE #5: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 97 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 137 cu.m.		ZONE #28: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 113 sq.m. MICROCLIMATE: NORTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 161 cu.m.		
	ZONE #6: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 59 sq.m. MICROCLIMATE: SOUTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 84 cu.m.		ZONE #29: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 74 sq.m. MICROCLIMATE: NORTH-WEST EXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 106 cu.m.		
	ZONE #7: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 87 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 124 cu.m.		ZONE #30: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 79 sq.m. MICROCLIMATE: WEST EXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 113 cu.m.		
	ZONE #8: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 74 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 106 cu.m.		ZONE #31: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 102 sq.m. MICROCLIMATE: WEST EXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 146 cu.m.		
	ZONE #9: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 96 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 137 cu.m.		ZONE #32: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 97 sq.m. MICROCLIMATE: WESTEXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 139 cu.m.		
	ZONE #10: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 97 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 139 cu.m.		ZONE #33: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 70 sq.m. MICROCLIMATE: WEST EXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 100 cu.m.		
	ZONE #11: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 106 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 151 cu.m.		ZONE #34: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 72 sq.m. MICROCLIMATE: WEST EXPOSURE, PARTIALLY SHADED BY BUILDING ESTIMATED ANNUAL WATER USE: 103 cu.m.		
	ZONE #12: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 122 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 174 cu.m.		ZONE #35: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 96 sq.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 137 cu.m.		
	ZONE #13: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 96 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 137 cu.m.		ZONE #36: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 107 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 153 cu.m.		
	ZONE #14: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 58 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 83 cu.m.		ZONE #37: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 93 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 133 cu.m.		
	ZONE #15: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 108 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 154 cu.m.		ZONE #38: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 120 sq.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 171 cu.m.		
	ZONE #16: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 109 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES		ZONE #39: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 79 sq.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 113 cu.m.		
	ESTIMATED ANNUAL WATER USE: 156 cu.m. ZONE #17: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 99 sq.m. MICROCLIMATE: AST EEXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 141 cu.m.		ZONE #40: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 95 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 136 cu.m.		
	ZONE #18: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 99 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES		ZONE #41: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 90 sq.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 129 cu.m.		
	ESTIMATED ANNUAL WATER USE: 141 cu.m. ZONE #19: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 99 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 141 cu.m.		ZONE #42: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 48 sq.m. MICROCLIMATE: SOUTH EXPOSURE, FULL SUN ESTIMATED ANNUAL WATER USE: 69 cu.m.		
	ZONE #20: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 94 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 134 cu.m.		ZONE #43: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 84 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY BUILDING & TREES ESTIMATED ANNUAL WATER USE: 120 cu.m.		
	ZONE #21: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 60 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 86 cu.m.		ZONE #44: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 116 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 166 cu.m.		
	ZONE #22: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS TOTAL AREA: 94 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 134 cu.m.		ZONE #45: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 112 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 160 cu.m.		
	ZONE #23: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 99 sq.m. MICROCLIMATE: NORTH-EAST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 141 cu.m.		ZONE #46: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 119 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 170 cu.m.		

	ZONE #47: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 106 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 151 cu.m.	
	ZONE #48: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 98 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 140 cu.m.	
	ZONE #49: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 98 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 140 cu.m.	r
	ZONE #50: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 91 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 130 cu.m.	L
	ZONE #51: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 92 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 131 cu.m.	
[]]	ZONE #52: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREA TOTAL AREA: 81 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 116 cu.m.	
	ZONE #53: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 193 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 107 cu.m. ZONE #54: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 191 sq.m. MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 106 cu.m. ZONE #55: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 181 sq.m. MICROCLIMATE: SOUTHEAST EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 101 cu.m. ZONE #56: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 171 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 95 cu.m. ZONE #57: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 160 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 89 cu.m. ZONE #58: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 109 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 61 cu.m. ZONE #59: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 69 sq.m. MICROCLIMATE: SOUTH EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 38 cu.m. ZONE #60: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 213 sq.m. MICROCLIMATE: SOUTHWEST EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 118 cu.m. ZONE #61: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 179 sq.m. MICROCLIMATE: SOUTHWEST EXPOSURE, PARTIALLY SHADED BY TREES	
	ESTIMATED ANNUAL WATER USE: 99 cu.m. ZONE #62: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 143 sq.m. MICROCLIMATE: WEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 79 cu.m.	
	ZONE #63: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 123 sq.m. MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 68 cu.m.	
	ZONE #64: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 229 sq.m. MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 127 cu.m.	
	ZONE #65: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 213 sq.m. MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 118 cu.m.	
	ZONE #66: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 217 sq.m. MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 121 cu.m.	

ZONE #67: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE

MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES

PLANTING AREAS

TOTAL AREA: 219 sq.m.

ESTIMATED ANNUAL WATER USE: 122 cu.m.





Planner Initials

Kelowna



LANDSCAPE ARCHITECTURE 303-590 KLO Road Kelowna, BC V1Y 7S2 T (250) 868-9270

www.outlanddesign.ca



PROJECT TITLE

ACADEMY RIDGE

Kelowna, BC

DRAWING TITLE

CONCEPTUAL LANDSCAPE PLAN

1	18.05.30	Review
2	18.10.19	Review
3		
4		
5		

PROJECT NO	17-142
DESIGN BY	KM
DRAWN BY	NG
CHECKED BY	FB
DATE	OCT. 19, 2018
SCAIF	1.500



DRAWING NUMBER

ISSUED FOR REVIEW ONLY

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CITY OF KELOWNA

MEMORANDUM

Date:

July 18, 2018

File No.:

DP18-0150

To:

Environmental Coordinator (KB)

From:

Development Engineering Manager (JK)

Subject:

610 Academy Way, Plan EPP53793

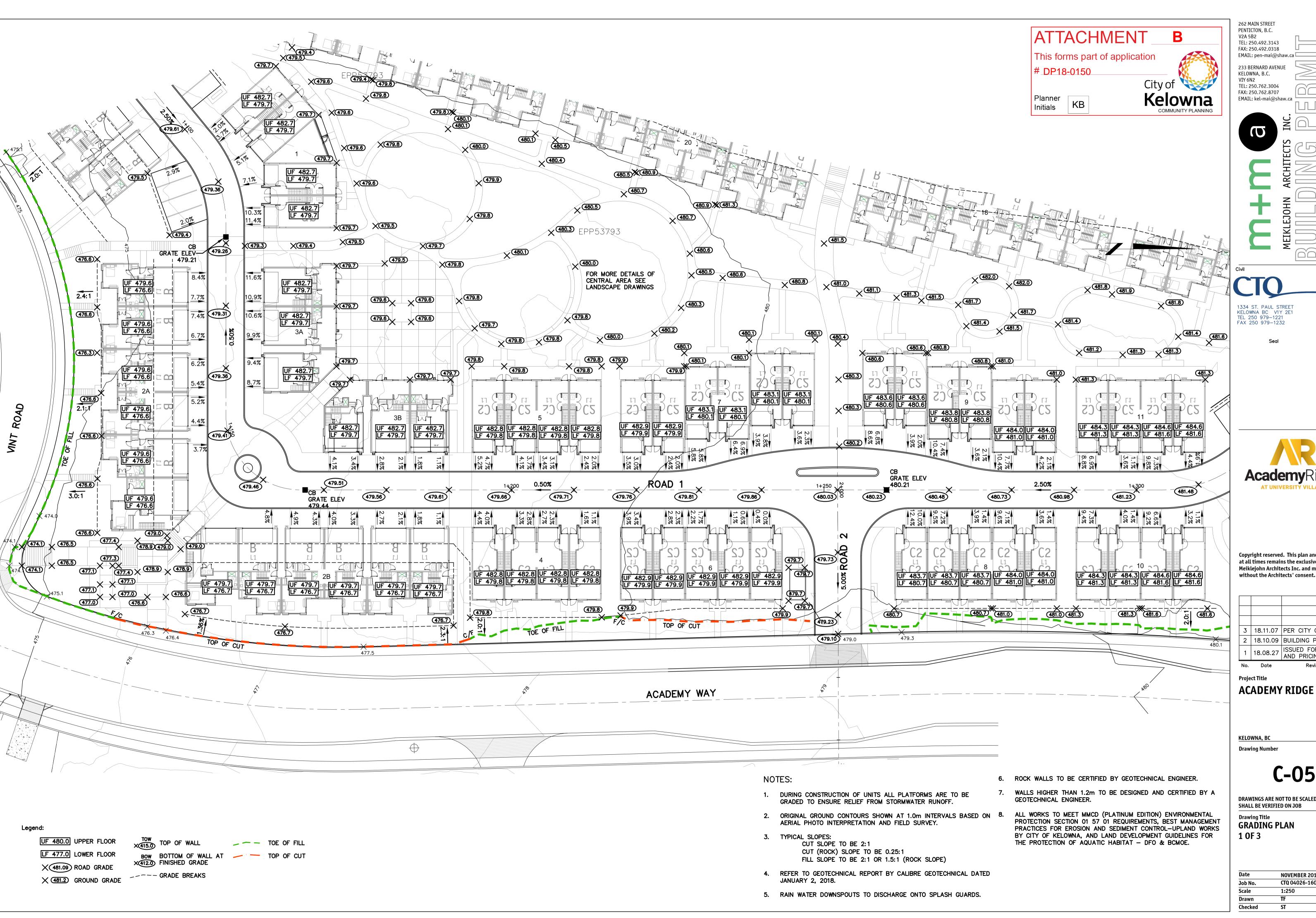
Form and Character

Development Engineering Services comments and requirements pertaining to a Development Permit for the form and character of multiple dwelling housing (28 row housing buildings, containing 154 units in total)

- a) This Development Permit does not compromise any Municipal infrastructure services.
- Minimum site distance must be confirmed for a safe entrance location.
- c) A second Emergency access must be installed on Vint road.
- d) Entry Plaza plantings on Vint rd and Academy way must not block site lines for Vint road.

James Kay, P. Eng. Development Engineering Manager

RO



EMAIL: pen-mai@shaw.ca





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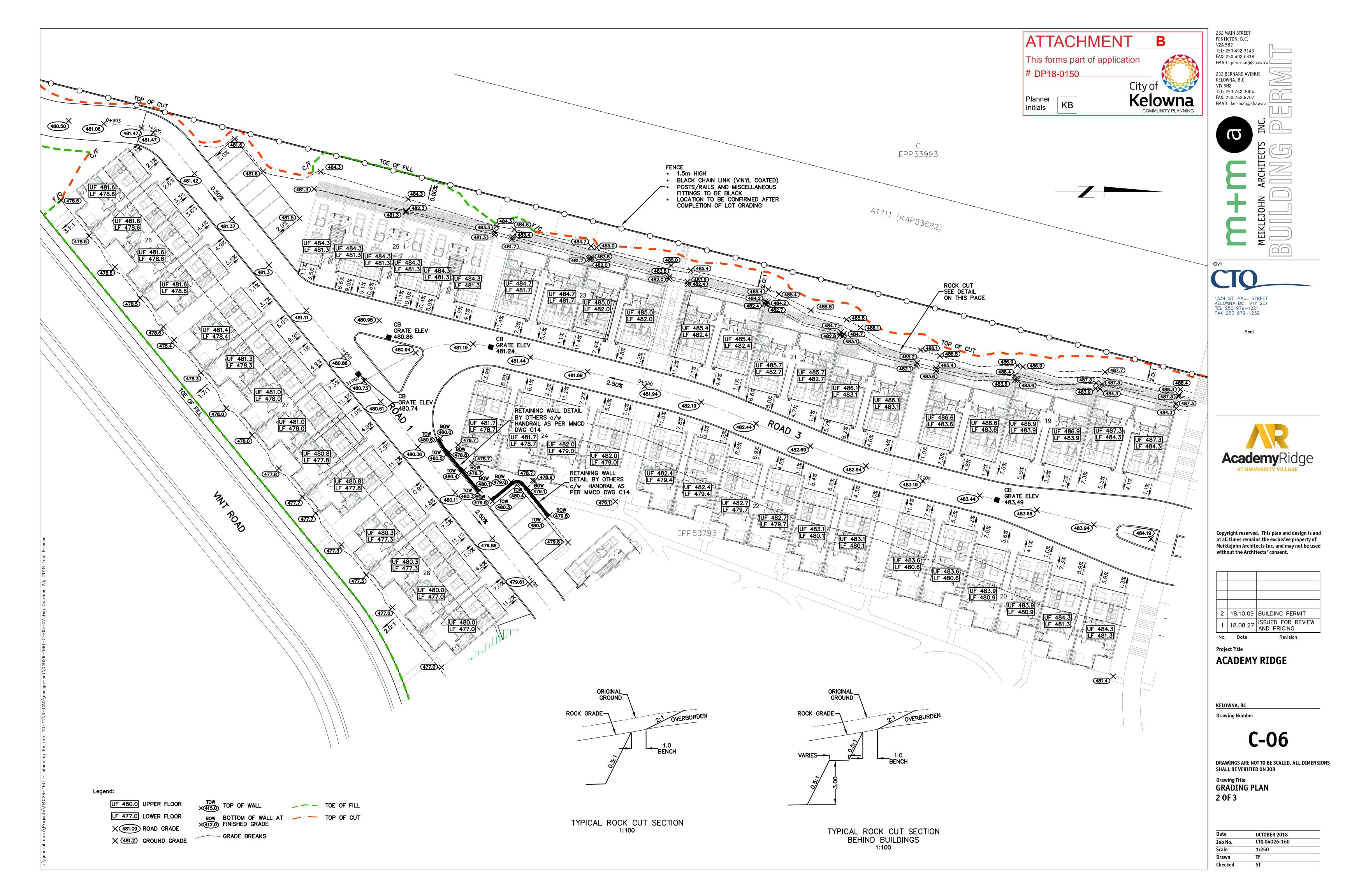
3	18.11.07	PER CITY COMMENTS
2	18.10.09	BUILDING PERMIT
1	18.08.27	ISSUED FOR REVIEW AND PRICING
No.	Date	Revision

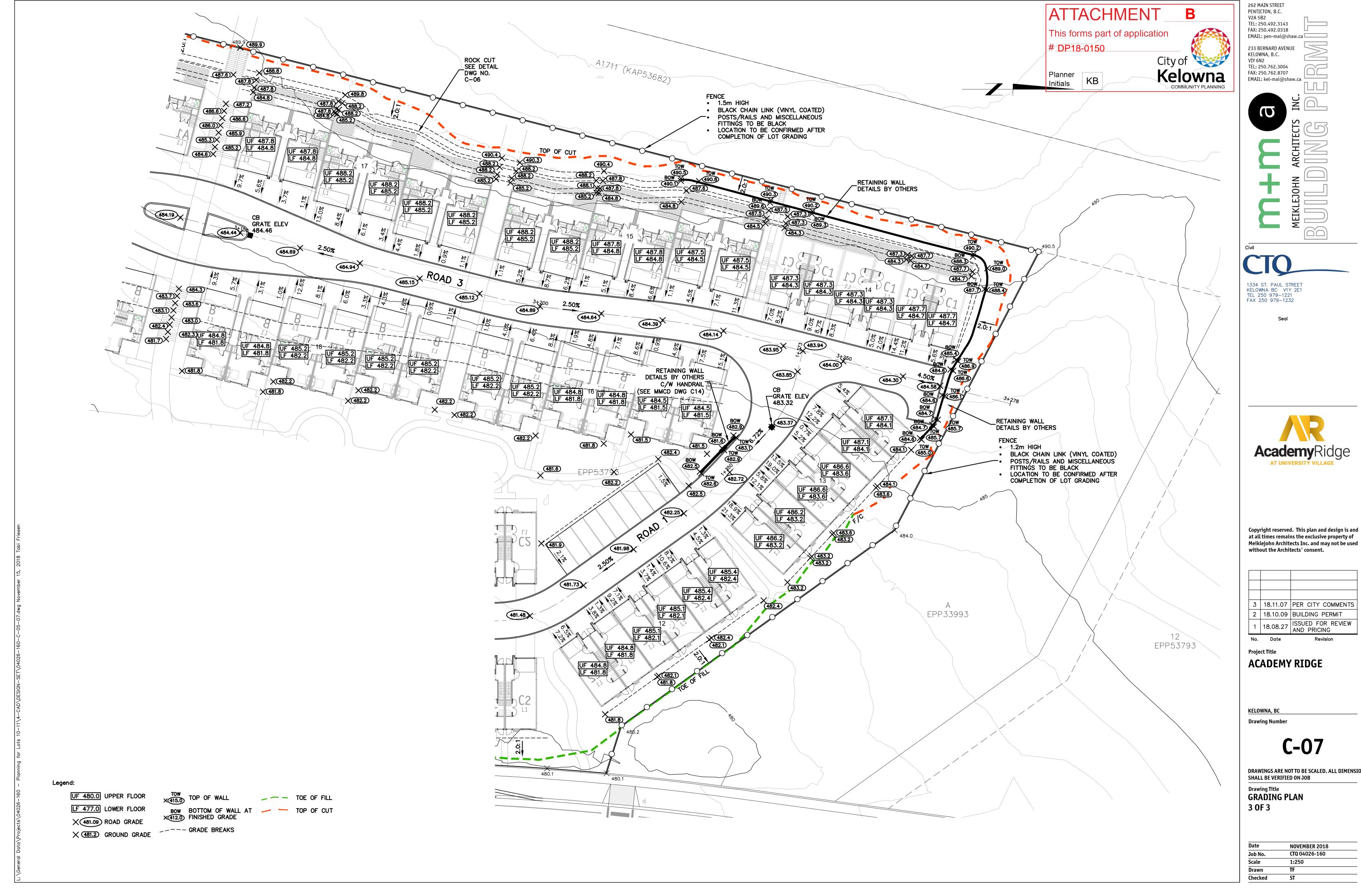
C-05

DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS **SHALL BE VERIFIED ON JOB**

GRADING PLAN

NOVEMBER 2018 CTQ 04026-160





DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS



Academy Ridge Townhomes Design Rationale

1. Introduction

- Academy Ridge, a townhome project by Watermark Developments Ltd., in conjunction with Academy Ridge GP Ltd., is a low density multiple housing development consisting of 155 townhomes located on Academy Hill in the University District of Kelowna.
- The development is compliant with the RM3 zoning by-law and has no variances.
- The site is located at 550 and 610 Academy Way. It is a 7.95 acre gently sloped, east-facing site, which was the result of the University South Development Plan and subdivision.
- It is surrounded by an extensive park network in the midst of the rapidly growing University South neighbourhood.
- Consistent with the OCP and the University South Development Plan, Academy Ridge is addressing the "missing middle" housing type, providing an affordable multi-unit alternative to single family homes and condominiums.
- The community will comprise a number of different type townhomes appealing to a wide number of
 residents, ranging from first time buyers to families, empty nesters, university students, and people
 working in the ever-growing North part of Kelowna (UBC, the airport & surrounding businesses).

2. Relevant Site and Location Considerations

- Academy Ridge is located at 550 and 610 Academy Way. It is a 7.95 acre gently sloped, east-facing site, which was the result of the University South Development Plan and subdivision. The site is cleared, serviced and ready for construction.
- The development is surrounded by an extensive park network in the midst of the rapidly growing University South neighbourhood. The site is delineated:
 - o to the East by Academy Way and a 7+ acre designated park right across the road,
 - to the South by Vint Road and Deerhurst Estates, and
 - to the West & North by a designated linear park system, with the "gully" nature reserve beyond.
- The neighbouring University South developments consist of:
 - o Multi Family:
 - Academy Hill, a 78 unit project completed in 2014;
 - U One, a 66 unit project completed in 2015;
 - U Two, a 112 unit project completed in 2016;
 - U Three, a 87 unit project completed in 2017;
 - U Five, a 72 unit project under construction & to be completed in 2018;
 - U Six, a 57 unit project under construction & to be completed in 2019;
 - Versity 1, a 63 unit rental project completed in August 2017; and
 - Versity 2, a 108 unit rental project under construction & to be completed in 2018.
 - Micro Suites:
 - VEDA, a 251 unit rental project completed in 2016; and
 - VEDA 2, a 316 unit rental project under construction & to be completed in 2018.
 - Single Family:
 - University Heights, a 216 lot project currently under construction.
 - o Townhomes:
 - Deerhurst Estates, a 19 unit project completed in 2017.
- Academy Ridge is ideally located
 - within walking distance of:



- the future commercial center of University Village (650 m);
- Aberdeen Hall Preparatory School (900 m); and
- Academy Hill commercial center (1.0 km).
- on the Academy Way public transit corridor with bus stops right in front on Academy Way
- within easy driving distance from:
 - UBC Okanagan (1.8 km);
 - Kelowna International Airport (4.2 km);
 - Orchard Park Shopping Center (about 7 km); and
 - Downtown Kelowna (about 12 km).

3. Design Approach and Rationale

3.1 Overview

- The Academy Ridge community design responds to the above-listed site and location considerations through a meticulously and thoughtfully designed development of 155 townhomes organized in 30 separate buildings.
- The community will offer a number of different unit layouts, addressing the needs of a wide range of potential buyers:
 - \circ 68 \pm 1,400 sqft 3-bedroom units with 2-car tandem garages;
 - \circ 51 ± 1,900 sqft 3-bedroom units with 2-car side-by-side garages;
 - \circ 34 \pm 2,000 sqft 3-bedroom + den units with 2-car side-by-side garages; and
 - $2 \pm 2,200$ sqft 3-bedroom units with 2-car side-by-side garages.
- All units feature:
 - a balcony directly accessed from the principal living space;
 - a pedestrian entrance off the street, as well as a separate entrance off the back/garden; and
 - a front yard garden area.
- The development is compliant with the RM3 zoning by-law and has no variances.
- The community has been designed to be self-sufficient with regards to parking. Each townhome has a 2car garage and there are 25 visitor parking stalls distributed around the community. There is also onstreet parking on Vint Road.

3.2 Community Concept and Design Principles

The Academy Ridge community is driven by the following concepts and principles:

A. Integration

- The site design and grading has been optimized to:
 - fit within the natural contours of the site;
 - maximize views, where possible;
 - connect to existing and proposed trail systems; and
 - be developed with minimal use of retaining walls.
- The architecture is consistent with the contemporary look and feel of the current developments of the University South Developments, namely Academy Hill, U, and Veda.
- The townhouses located around the perimeter of the community have front doors directly facing Academy Way and Vint Road, providing a welcoming face to the surrounding neighbourhood.

B. Living Street

Academy Ridge will be the first "people friendly" neighbourhood by embracing the "living street" concept:

- originally implemented in the Netherlands ("woonerf");
- a street designed primarily with the interests of pedestrians and cyclists in mind and as a social space where people can meet and where children may also be able to play legally and safely;



- these roads are still available for use by motor vehicles (and fully compatible for emergency vehicle access), however their design aims to reduce both the speed and dominance of motorized transport;
- this is achieved using the "shared space" approach, with greatly reduced demarcations between vehicle traffic and pedestrians, such as low/soft curbs, wide sidewalks, no parking on the streets, and planters with trees;
- the goal of shared space is to improve the road safety and vibrancy of roads and junctions, particularly ones with high levels of pedestrian traffic, by encouraging negotiation of priority in shared areas between different road users.

C. Accessibility

- Vehicular access will be off of Academy Way on the straightest and flattest section of the road in order to:
 - provide the safest access in terms of grades and sightlines;
 - allow for optimal grades throughout the community; and
 - fit the development within the natural contours of the site.
- Pedestrian/bicycle access to the community will be provided from numerous sides in order to enhance the walkability of the development.
- Consistent with the request from the City of Kelowna, Academy Ridge will allow public access through the community to facilitate access to the parklands beyond and across.

D. Destinations

The community will feature a number of meticulously and carefully designed "destinations", such as:

- "The Gateway", the entry to the community, designed to present a welcoming sense of arrival;
- "The Square", a designed focal point of the anchor buildings on the corner of Academy Way and Vint Road, complete with trees and street furniture;
- "The Plaza", a street- & landscaped meeting place with trees and benches at the top of the development. It also will connect the walk/bike path axis through the development connecting the linear park to the West with The Gateway and the East side bus stop.
- "The Park", the center piece of the community with open spaces, trees and outdoor furnishings. This attractive and well-designed green space will provide an amenity for all residents and foster interactions between neighbours. Pathways through the park will facilitate pedestrian/bicycle movement through and across the community.

E. Symmetry

Symmetry is being used as a strong design element throughout the development:

- the buildings are mostly arranged in pairs/even numbers, sharing a common entry feature;
- the buildings across the street from each other reflect each other, providing a symmetrical streetscape;
- the grouping of buildings around The Gateway is arranged in symmetry of the access road:
- the buildings around The Square form a symmetrical building block; and
- The Plaza is arranged in a strict symmetry, creating an intersection between the road and the pedestrian/bicycle East-West axis through the site.

F. Rhythm

The streetscape design is such that it creates a rhythm throughout the community in terms of:

- repetitive tree- and planer spacing;
- repetitive street/sidewalk textures, patterns and materials; and
- symmetrical arrangement roads, sidewalks, trees/planters and buildings.

G. Sightlines

The site design is optimized to fit within the natural contours of the site and to maximize views and sightlines, where possible;



- The areas at The Gateway, The Square and The Plaza are designed such to break up long, straight sightlines, thereby creating a more intimate and liveable community feel.
- The sightline of the Academy Way & Vint Road intersection has been specifically considered. This intersection is currently challenged by the grades of Academy Way, the way Academy Way turns and restricted sightlines. The buildings at that corner (around The Square) are designed such that the entrance grade along Academy Way will be below the boulevard sidewalk, thereby improving the sightline up North along Academy Way significantly.

3.3 Architectural Rationale

The architectural concept for the site is to create a strong set of design components that are repeated, with subtle variations and in varying combinations to create variety within a consistent overall language.

- Varied roofline using a combination of flat and 'off-set' sloping shingle roofs.
- Framing elements highlighting oversized windows and wood infill panels.
- Decorative custom garage doors with interesting window placement to enhance street presence.
- Generous patio and deck areas to connect residents to the street and internal landscape areas.

3.4 Overall Feel of the Community

A number of measures have been taken to ensure that the community feels livable and friendly:

- A living street concept primarily with the interests of pedestrians and cyclists in mind and as a social space where people can meet and where children may also be able to play legally and safely;
- a welcoming and varied building view from Academy Way with appropriate landscaping, plus a landscape feature at the corner of Academy Way and Vint Road;
- an attractive and inviting vehicular/pedestrian/bicycle entrance to the community with appropriate signage;
- all buildings are arranged in 3 to 6 townhome clusters with an articulated building façade and, in some cases, staggered arrangement, providing visual interest;
- the townhomes within each building block are further articulated through roof forms, a variety of window expressions and feature elements/materials;
- the street presence of each building has been emphasized with a design that has been "grounded" to the site and tied in with the living street concept. The choice of materials and textures combined with the thoughtful placement of trees and planters ensure a pedestrian friendly environment with visually interesting sidewalks/walkways that are safe and easy for all to access;
- the yard in front of each townhome provides a delineation between the public and private realm, and does so in a friendly and inclusive fashion and without the need for barrier fences and gates;
- where possible trees and low-level planting are introduced to complement and enhance the streetscape and delineate the public and private outdoor areas. Visually interesting trees and shrubs are being suggested;
- a generous park area for all residents to access and enjoy; and
- each home has a balcony directly accessed from the principal living space. While providing important
 opportunities for indoor/outdoor living, the balcony provides an opportunity for informal neighbour-toneighbour interaction and community overlook improving security and safety in the parking/drive aisle
 area.

In conclusion we believe that the layout and building design for this project will be sensitive to and compliment adjacent developments, respect its immediate landscape area and be considerate to existing site conditions.