Development Permit

DP23-0149



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

1463 Inkar Road

and legally known as

Lot 7 Section 19 Township 26 ODYD Plan 28505

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

Townhouses

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

<u>Date of Council Approval:</u> November 27th, 2023

Development Permit Area: Form & Character DPA

Existing Zone: UC2 – Capri-Landmark Urban Centre

Future Land Use Designation: UC – Urban Centre

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

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: Joseph Valerien Leopaul Froment, Jaqueline Marie Armand Froment and Charlette Alice Rose

Froment

Applicant: Urban Options Planning Corp.

Jocelyn Black Urban Planning Manager Planning & Development Services

Date of Issuance



1. 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

THAT Council authorizes the issuance of Development Permit No. DP23-0149 for Lot 7 Section 19 Township 26 ODYD Plan 28505 located at 1463 Inkar Road, Kelowna, BC, subject to the following:

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

AND FURTHER THAT this Development Permit is valid for two (2) years from the date of Manager 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 owner of the day. Should the Developer carry out the development as per the conditions of this permit, the security shall be returned to the Developer or his or her designate following proof of Substantial Compliance as defined in Bylaw No. 12310. There is filed accordingly:

a) An Irrevocable Letter of Credit OR certified cheque OR a Surety Bond in the amount of \$29,579.38

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.

4. INDEMNIFICATION

Upon commencement of the works authorized by this Permit the Developer covenants and agrees to save harmless and effectually indemnify the Municipality against:

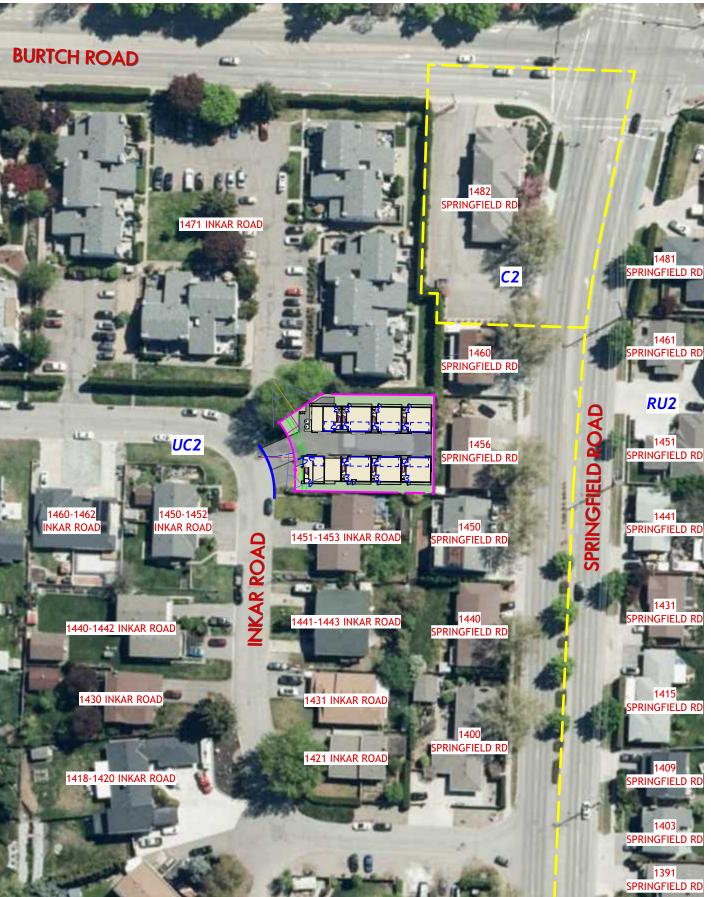
a) All actions and proceedings, costs, damages, expenses, claims, and demands whatsoever and by whomsoever brought, by reason of the Municipality said Permit.

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.





ZONING CONTEXT/NEIGHBOURHOOD DETAIL 1:1000

SCHEDULE # DP23-0149 Kelowna



IHS DESIGN

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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

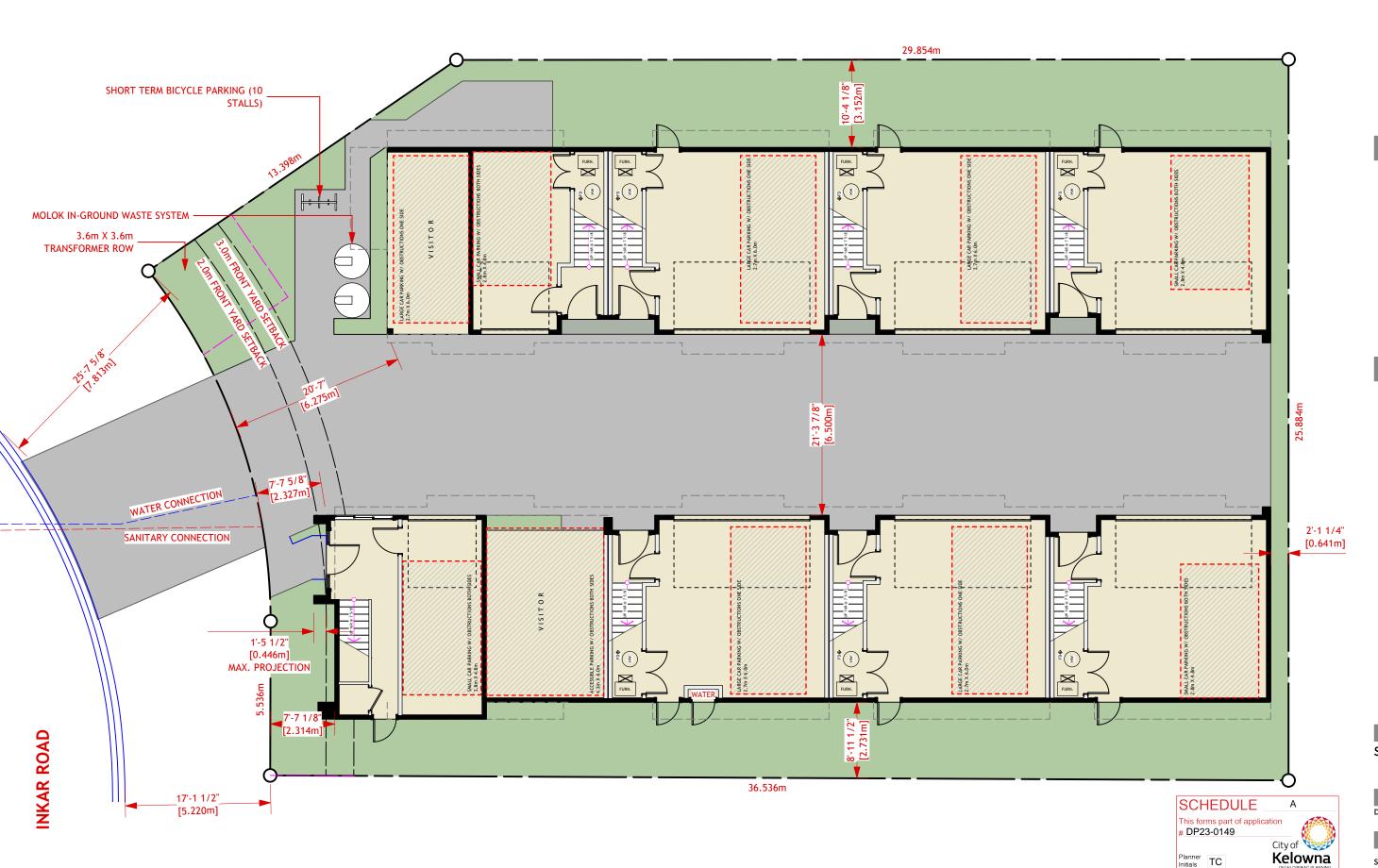
SITE CONTEXT

15-Nov-23

SCALE: AS NOTED ISSUED FOR: REVIEW ONLY

DP1.1

SITE CONTEXT NTS





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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

SITE PLAN

DATE: 15-Nov-23

SCALE: 3/32" = 1'-0" ISSUED FOR: REVIEW ONLY

UC2 - CAPR			<u> </u>		AAIN		A ZONING BYLAW N	
SITE AREA						IIMUM	PROP	
					METRIC	IMPERIAL	METRIC	IMPERIAL
CITE WIDTH					1200 sq m	12916.7ft²	± 950.601 sq m	± 10232.18ft²
SITE WIDTH					40.0m	131.2ft	± 25.88m	± 84.91 ft
SITE DEPTH SITE COVERAGE			MAXIMUM	PROPOSED	30.0m MAXIMUM	98.4ft	± 36.54m PROPOSED	± 119.87 ft
SITE COVERAGE			MAXIMUM	PROPOSED				
FACT BUILDING ONLY			05.0%	45 (0)	METRIC	IMPERIAL	METRIC	IMPERIAL
EAST BUILDING ONLY			85.0%	± 45.6%	808.0m ²	8697.4ft ²	± 208.837 sq m	± 2247.90ft ²
WEST BUILDING ONLY							± 224.277 sq m	± 2414.09ft ²
IMPERMEABLE SURFAC	.E3		00.0%	. 72 20/	0FF F 2	0200 0543	± 252.872 sq m	± 2721.89ft²
TOTAL	UEODA ATION		90.0%	± 72.2%	855.5m ²	9209.0ft ²	± 685.985 sq m	± 4969.79ft ²
DEVELOPMENT IN	NFORMATION							
PER UNIT NET FLOOF	R AREAS IMPERIAL		GARAGE	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL W/O GARAGE	TOTAL WITH GARAGE
UNIT 1			± 242.3ft ²	± 28.8ft ²	± 547.9ft ²	± 528.7ft²	± 1105.5ft ²	± 1347.8ft ²
UNIT 2-3 & 6-7			± 430.2ft ²	± 28.8ft ²	± 532.4ft²	± 528.7ft ²	± 1090.0ft ²	± 1520.2ft ²
UNIT 4-5			± 227.5ft²	± 229.6ft ²	± 532.4ft²	± 528.7ft²	± 1290.8ft ²	± 1518.3ft²
UNIT 8			± 216.6ft ²	± 134.5ft²	± 687.8ft ²	± 687.0ft ²	± 1509.3ft ²	± 1725.9ft²
FAR CALCULATION			# OF UNITS	TOTAL NFA/UNIT METRIC	TOTAL NFA/UNIT IMPERIAL	TOTAL NET FLOOR AREA METRIC	TOTAL NET FLOOR AREA IMPERIAL	
UNIT 1			1	± 102.701 sq m	± 528.7ft²	± 102.701 sq m	± 1105.46ft²	
UNIT 2-3 & 6-7			4	± 101.261 sq m	± 528.75ft ²	± 405.044 sq m	± 4359.85ft²	
UNIT 4-5			2	± 119.918 sq m	± 528.75ft ²	± 239.837 sq m	± 2581.58ft ²	
UNIT 8			1	± 140.216 sq m	± 686.99ft ²	± 140.216 sq m	± 1509.27ft ²	
NET FLOOR AREAS CALCULAT	TED AS PERSCRIBED BY THE	CITY OF KELOWNA ZON	NG BYLAW NO. 12375 SEC	CTION 5.3		-		
FLOOR AREA RAT			MAXIMUM	PROPOSED	PRIVATE AME	NITY SPACE	MINIMUM	PROPOSED
FAR			1.50	± 0.934	UNIT 1		25 sq m	± 35.222 sq m
NET FLOOR AREA			15348.27ft ²	± 9556.2ft ²	UNIT 2-3 & 6-7		25 sq m	± 35.222 sq m
					UNIT 4-5		25 sq m	± 28.951 sq m
					UNIT 8		25 sq m	± 35.222 sq m
GFA PER UNIT	LEVE	L 1	LEV	EL 2	LEV	VEL 3	TOTAL	_ GFA
ANSI Z765-2003	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL
UNIT 1	± 7.672 sq m	± 82.58ft ²	± 62.462 sq m	± 672.33ft ²	± 60.526 sq m	± 651.50ft ²	± 130.661 sq m	± 1406.42ft ²
UNIT 2-3 & 6-7	± 7.672 sq m	± 82.58ft ²	± 60.898 sq m	± 655.50ft ²	± 60.526 sq m	± 651.50ft ²	± 129.097 sq m	± 1389.58ft ²
UNIT 4-5	± 28.955 sq m	± 311.67ft ²	± 60.898 sq m	± 655.50ft ²	± 60.526 sq m	± 651.50ft ²	± 150.379 sq m	± 1618.67ft ²
UNIT 8	± 18.619 sq m	± 200.42ft ²	± 75.089 sq m	± 808.25ft ²	± 75.205 sq m	± 809.50ft²	± 168.913 sq m	± 1818.17ft ²
BUILDING HEIGH	Т		MAXI	MUM	PRO	POSED	STOR	REYS
AREAS IDENTIFIED AS	4 STOREYS		METRIC	IMPERIAL	METRIC	IMPERIAL	MAXIMUM	PROPOSED
			18.0m	59.1ft	± 9.54m	± 31.30 ft	4	3
BUILDING SETBA	CKS (FROM PL)		REQL	JIRED	PROPOSED			
			METRIC	IMPERIAL	METRIC	IMPERIAL		
FRONT (NORTH - INKA	AR ROAD)		3.0m	9.8ft	± 3.00m	± 9.84 ft		
SIDE (EAST-INTERIOR)			0.0m	0.0ft	± 1.19m	± 3.90 ft		
REAR (SOUTH)			0.0m	0.0ft	± 0.64m	± 2.10 ft		
SIDE (WEST INTERIOR)			0.0m	0.0ft	± 2.64m	± 8.66 ft		
PARKING STALLS			REQUIRED	PROPOSED				
1 STALL PER UNIT (MI	NIMUM)		8	8				
VISITOR STALLS			2	2	1 REGULAR STALL	L & 1 ACCESSIBLE STA	ALL	
TOTAL			10	10				
			ALLOWED	PROPOSED				
	NG STALLS		4	4				



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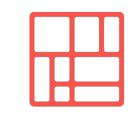
RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

ZONING CALCULATIONS

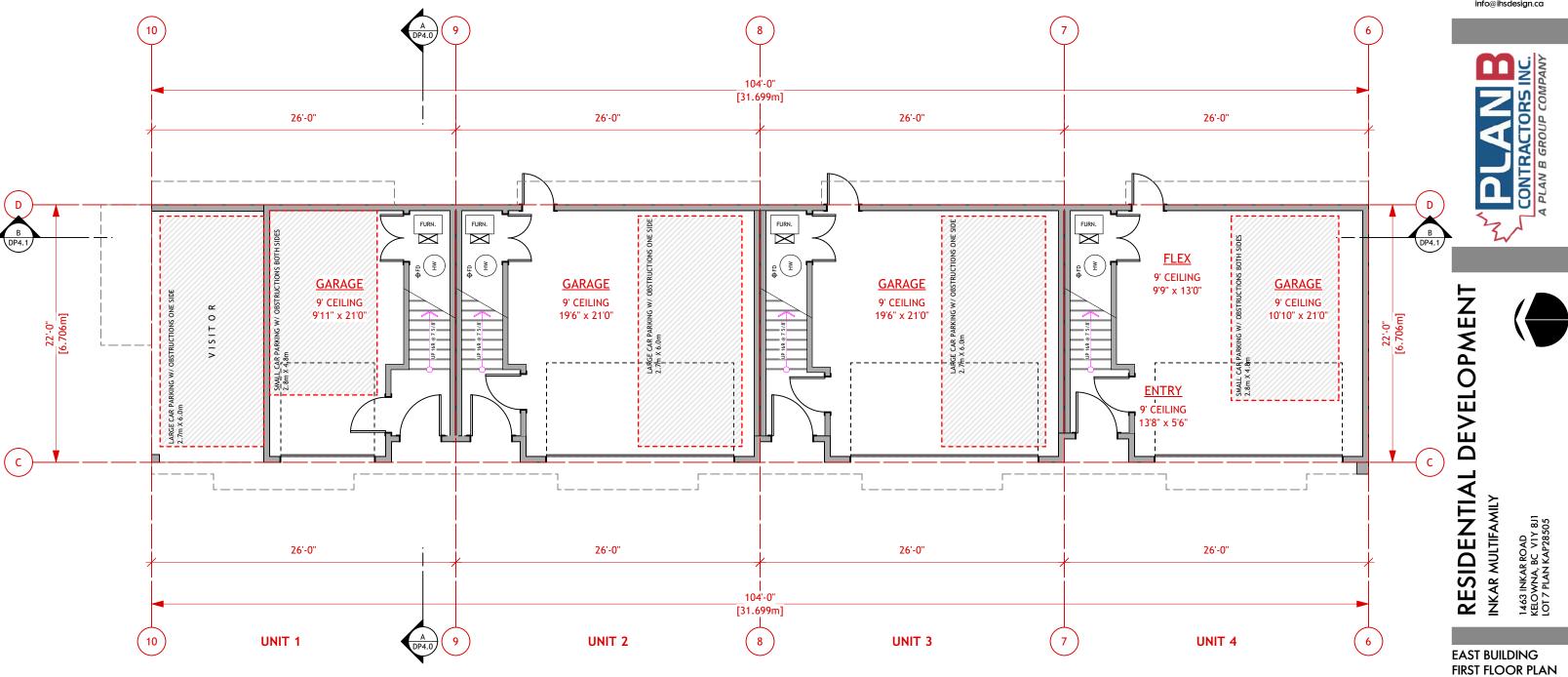




SCALE: 3/32" = 1'-0" ISSUED FOR: REVIEW ONLY

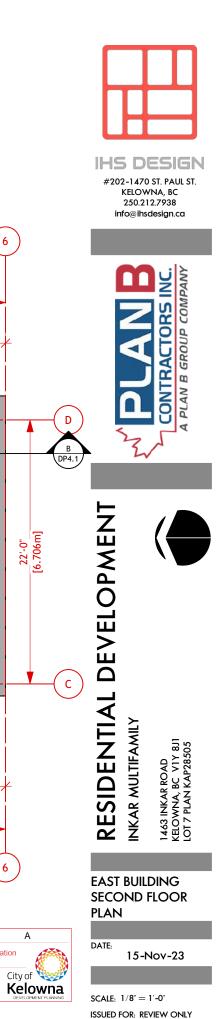


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10

4'-4"

(c)

26'-0"

KITCHEN

_9' CEILING

15'7" x 8'0"

LIVING ROOM-9' CEILING

15'7" x 14'0"

26'-0"

UNIT 1

__104'-0"_ [31.699m]

___104'-0"_ [31.699m]

໌ 8 `

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LIVING ROOM

9' CEILING

15'7" x 14'0"

26'-0"

KITCHEN

9' CEILING

15'7" x 8'0"

26'-0"

UNIT 3

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LIVING ROOM

9' CEILING

15'7" x 14'0"

26'-0"

KITCHEN

9' CEILING

15'7" x 8'0"

26'-0"

UNIT 4

PDR PDR

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SCHEDULE

DP23-0149

Planner Initials TC

This forms part of application

пппп

LIVING ROOM

9' CEILING

15'7" x 14'0"

26'-0"

KITCHEN

9' CEILING

15'7" x 8'0"

26'-0"

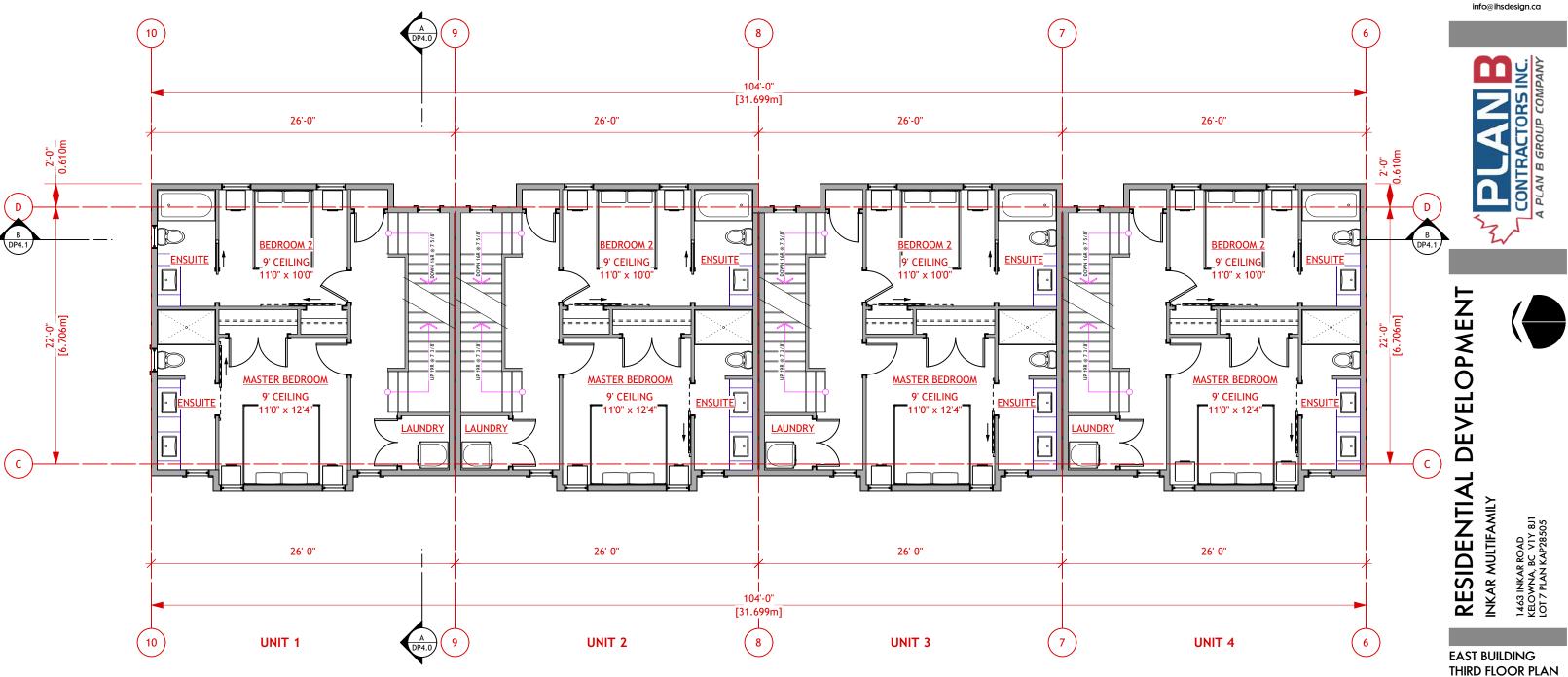
UNIT 2

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DP2.1

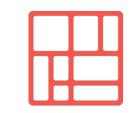


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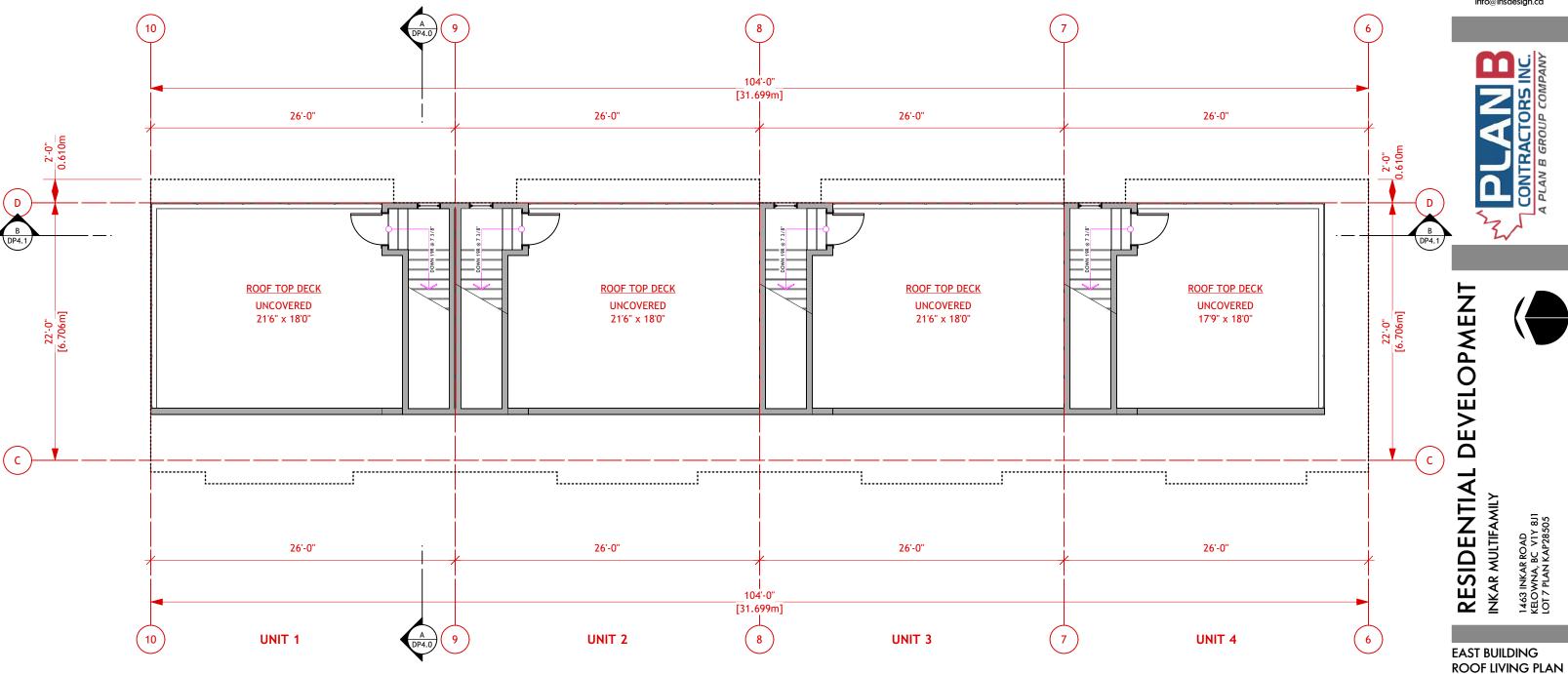






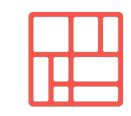


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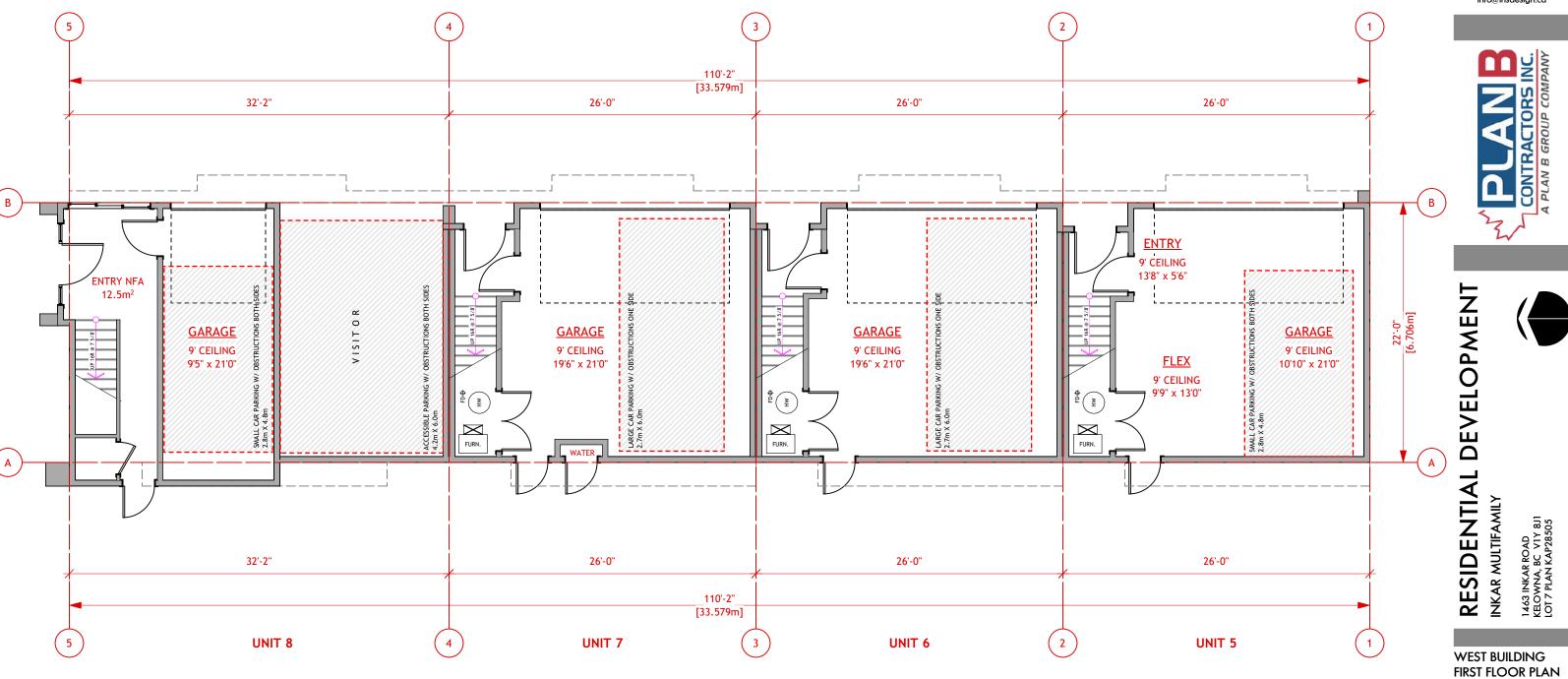








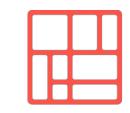
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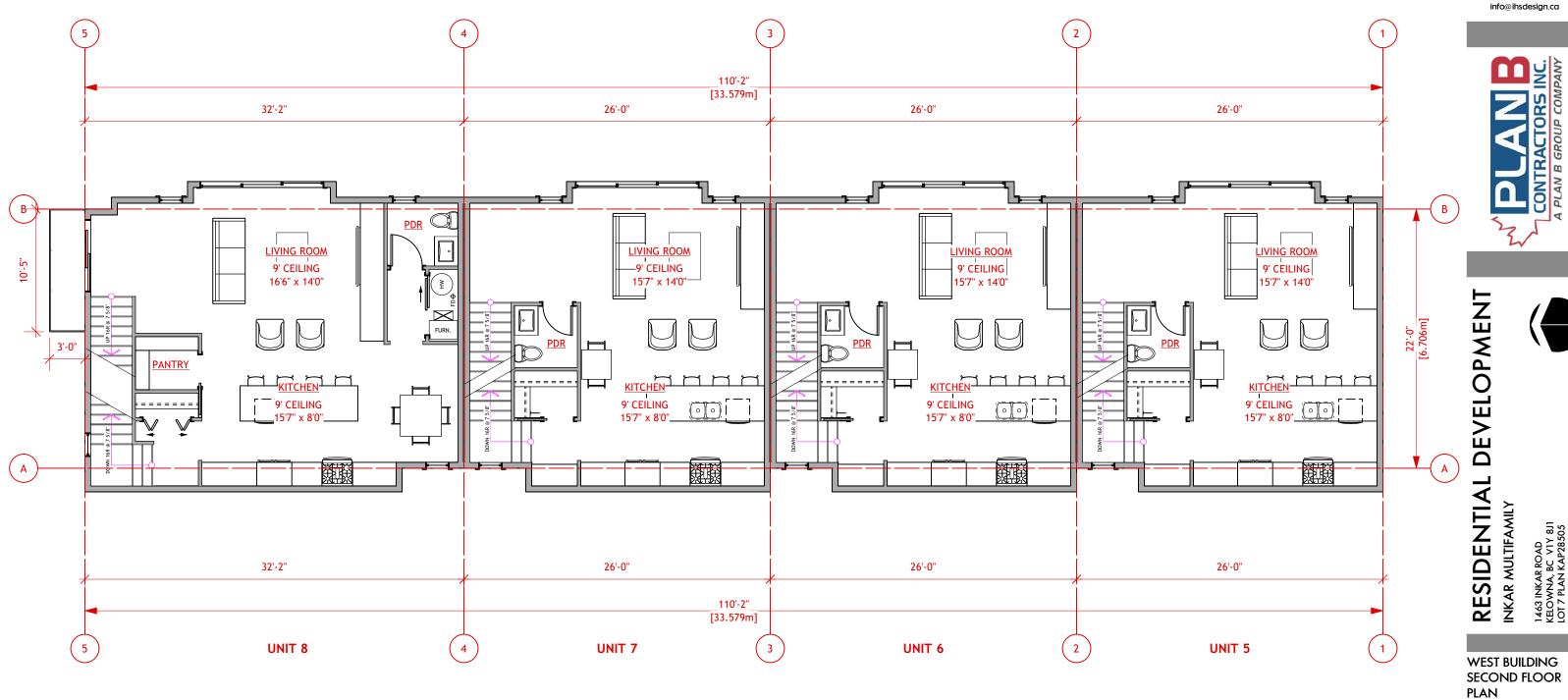




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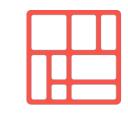


SCHEDULE

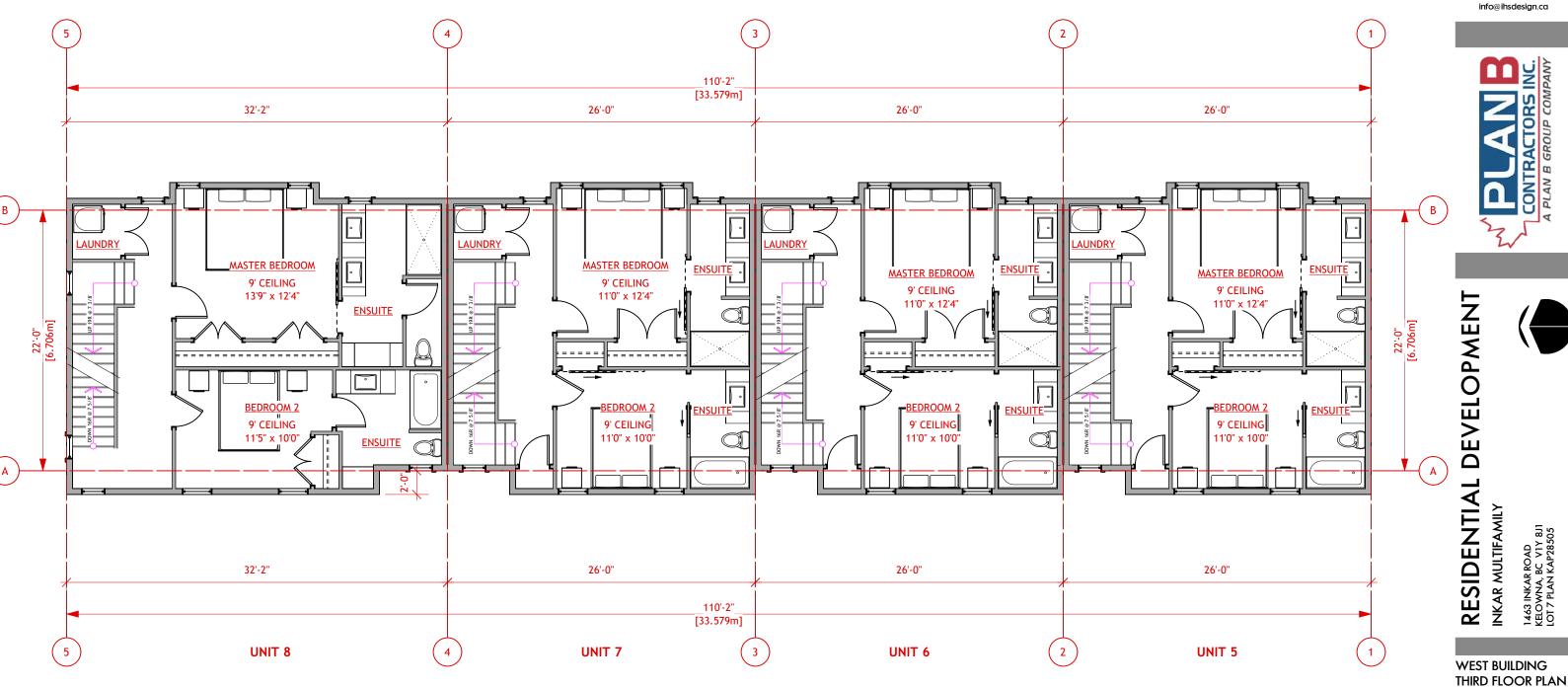
DP23-0149

Planner Initials TC DATE: 15-Nov-23

SCALE: $1/8^{\circ} = 1^{\circ}-0^{\circ}$ ISSUED FOR: REVIEW ONLY



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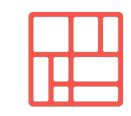




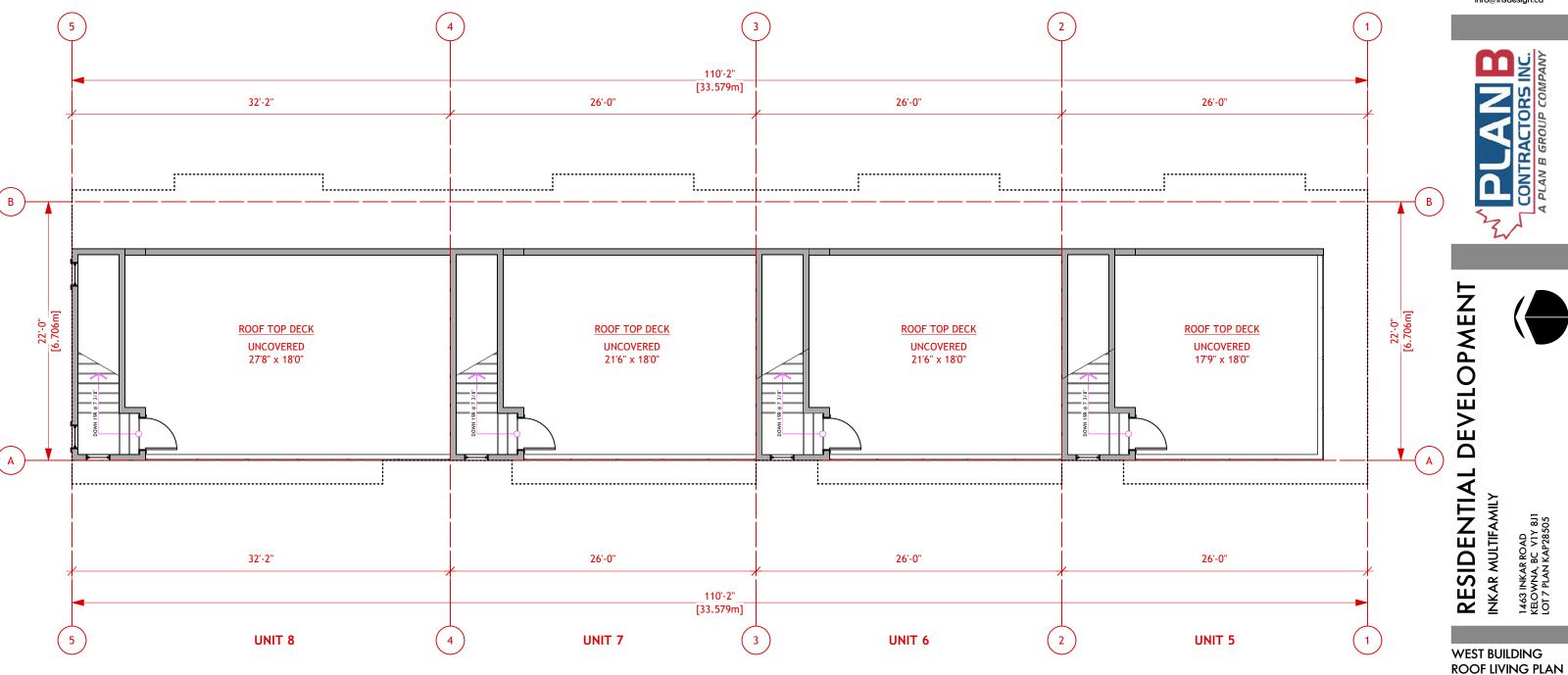


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15-Nov-23



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SCHEDULE A
This forms part of application
DP23-0149

City of
Planner
Initials TC

Kelowna
DEVECTMENT PLANNER

DATE: 15-Nov-23 SCALE: 1/8' = 1'-0'

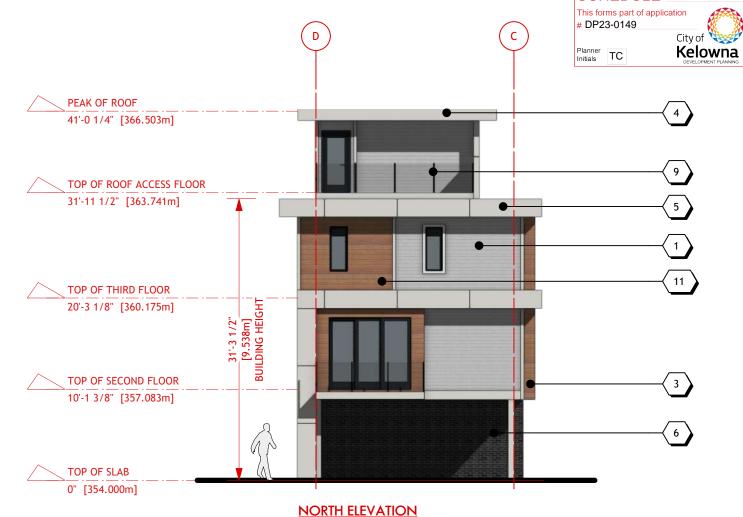
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EXTERIOR MATERIALS

- 1. HORIZONTAL LAP SIDING HARDIEBOARD LAP SIDING ARCTIC WHITE
- 2. FIBER CEMENT PANELS W/ EASYTRIM REVEALS BENJAMIN MOORE HC-166 KENDALL CHARCOAL
- HORIZONTAL STEEL SIDING CASCADIA METAL WOOD GRAIN SERIES DURANGO
- TRIM SMARTBOARD BENJAMIN MOORE OC-152 SUPER WHITE
- FIBER CEMENT PANELS W/ EASYTRIM REVEALS BENJAMIN MOORE 2143-70 SIMPLY WHITE
- BRICK VENEER HEBRON BRICK COMPANY THIN BRICK AUTHENTIC AMERICANA BOOTLEGGER
- FRONT DOOR TRIMLITE FIBERGLASS FLUSH GLAZED 3-LITE BLACK
- GARAGE DOOR STEEL-CRAFT FLUSH CHARCOAL
- ALUMINUM DECK RAIL BLACK W/ FROSTED PRIVACY GLASS
- 10. ALUMINUM GUTTER/SOFFIT BLACK
- 11. VINYL WINDOW FRAMES BLACK (EXTERIOR)
- 12. VINYL DECKING GREY WOOD GRAIN
- 12. ROOFING CAP SHEET IKO COMMERCIAL CHARCOAL GREY







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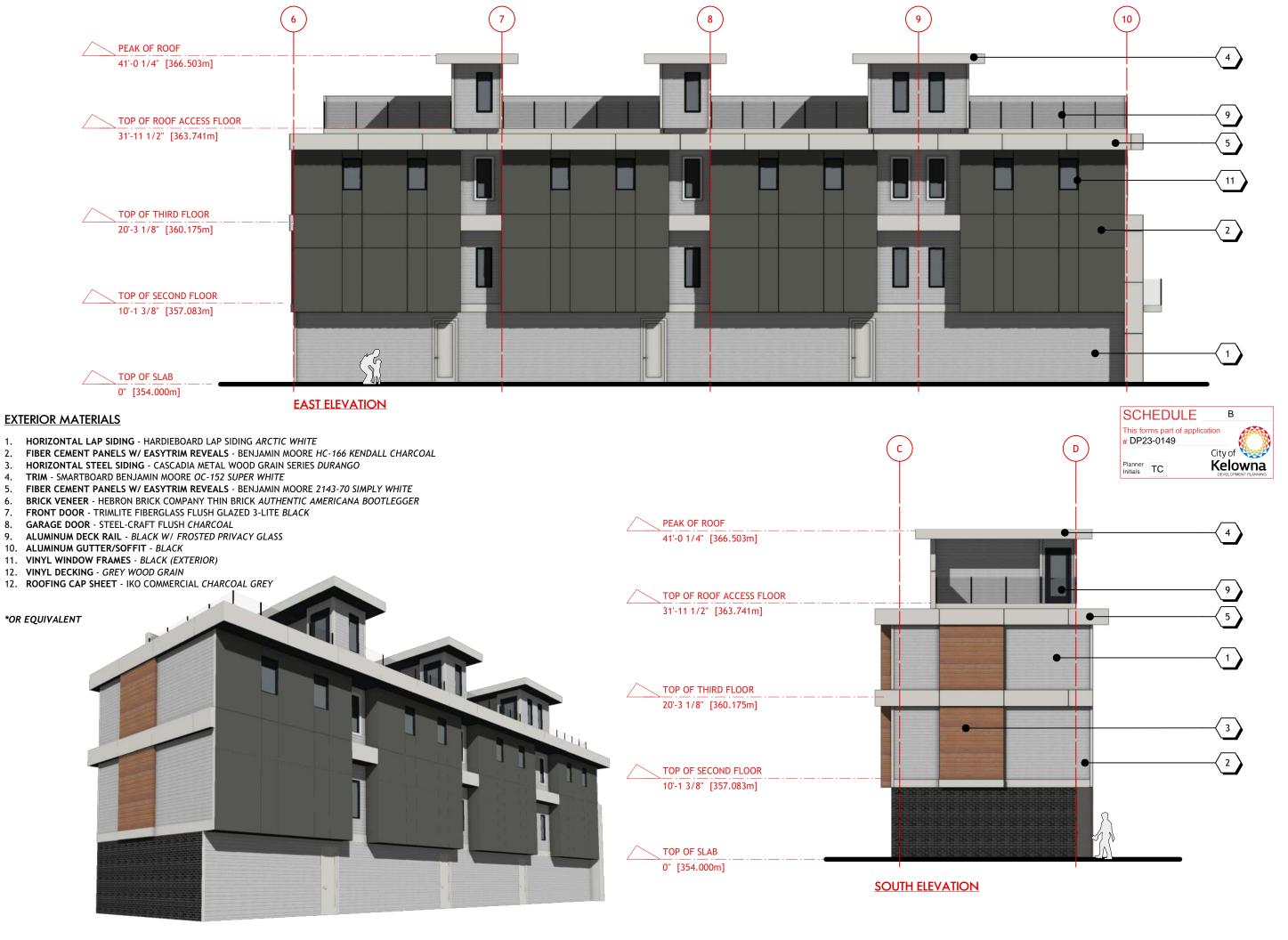
RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

EAST BUILDING ELEVATIONS

DATE:

15-Nov-23

SCALE: 3/32" = 1'-0" ISSUED FOR: REVIEW ONLY



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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

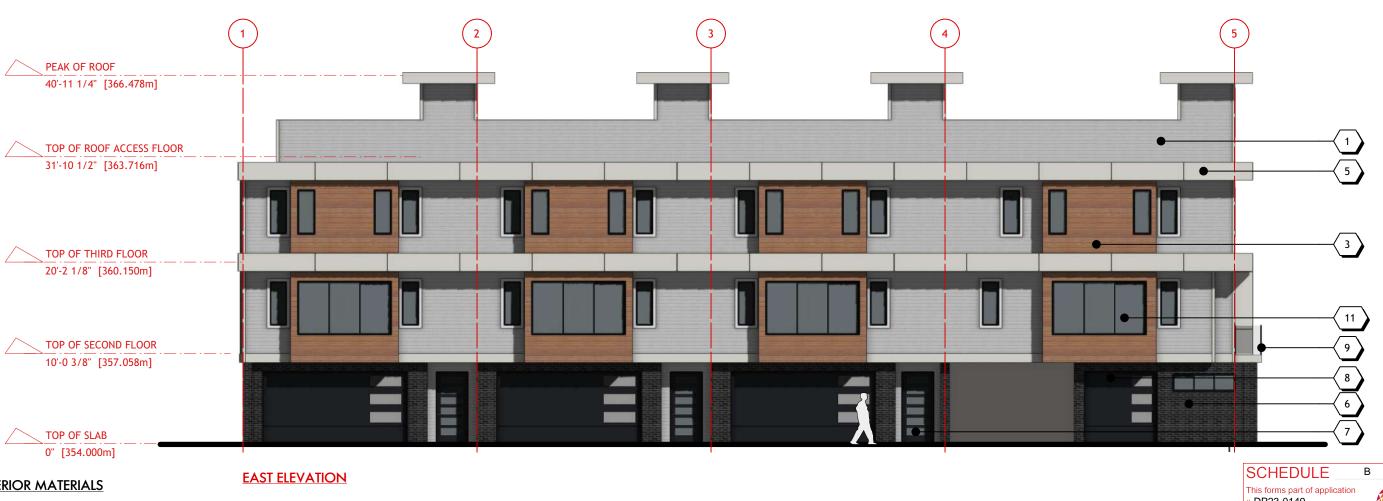
1463 INKAR ROAD KELOWNA, BC VIY 8J

EAST BUILDING ELEVATIONS

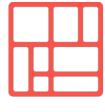
DATE

15-Nov-23

SCALE: 3/32" = 1'-0"
ISSUED FOR: REVIEW ONLY







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OPMEN OPMEN

RESIDENTIAL DEVELOPMENT

1463 INKAR ROAD KELOWNA, BC VIY 8J1

WEST BUILDING ELEVATIONS

DATE:

15-Nov-23

SCALE: $3/32^{\circ} = 1'-0^{\circ}$ ISSUED FOR: REVIEW ONLY







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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

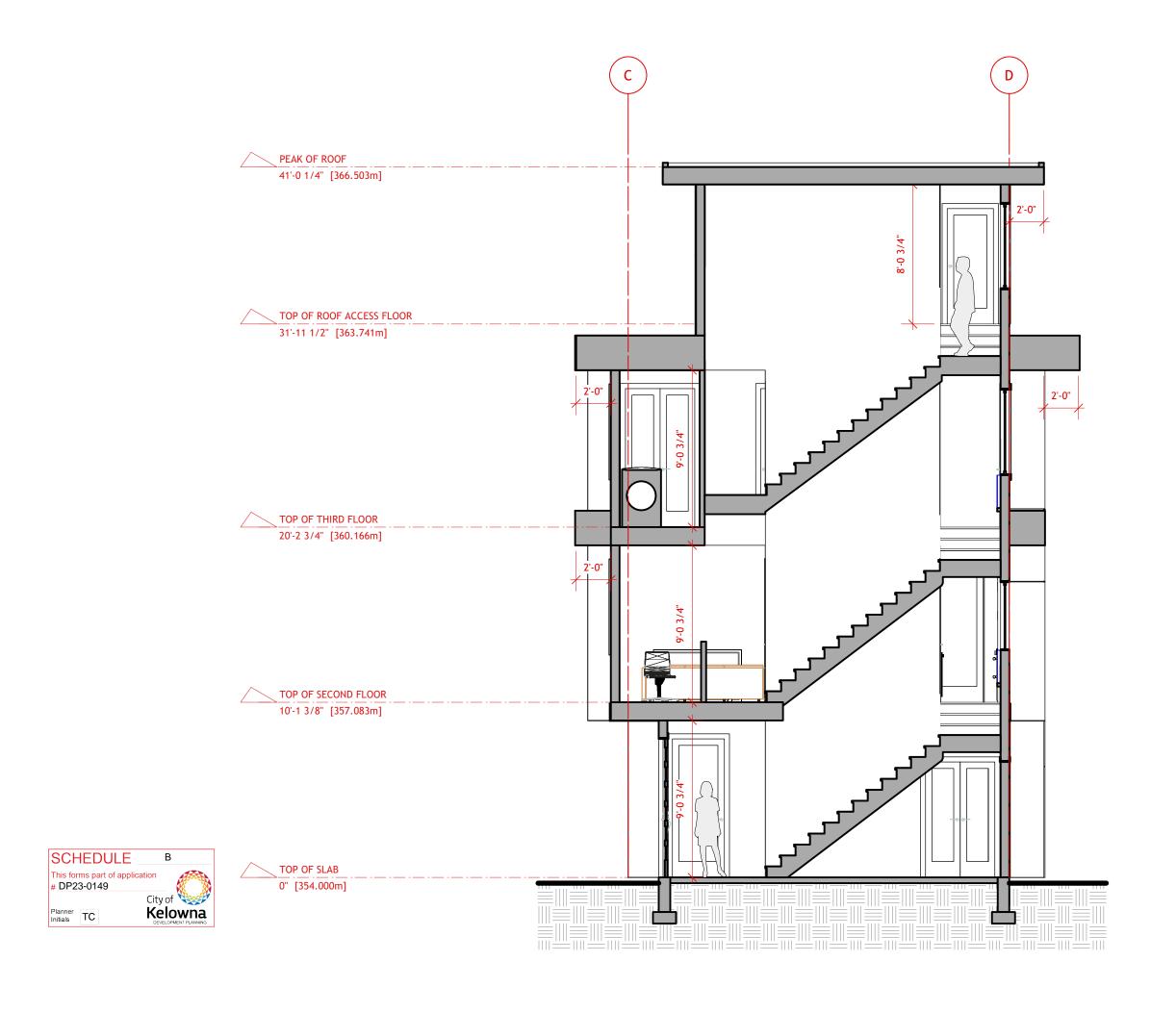
COMPREHENSIVE NORTH AND SOUTH **ELEVATIONS**

DATE:

15-Nov-23

SCALE: 3/32" = 1'-0" ISSUED FOR: REVIEW ONLY

DP3.4





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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

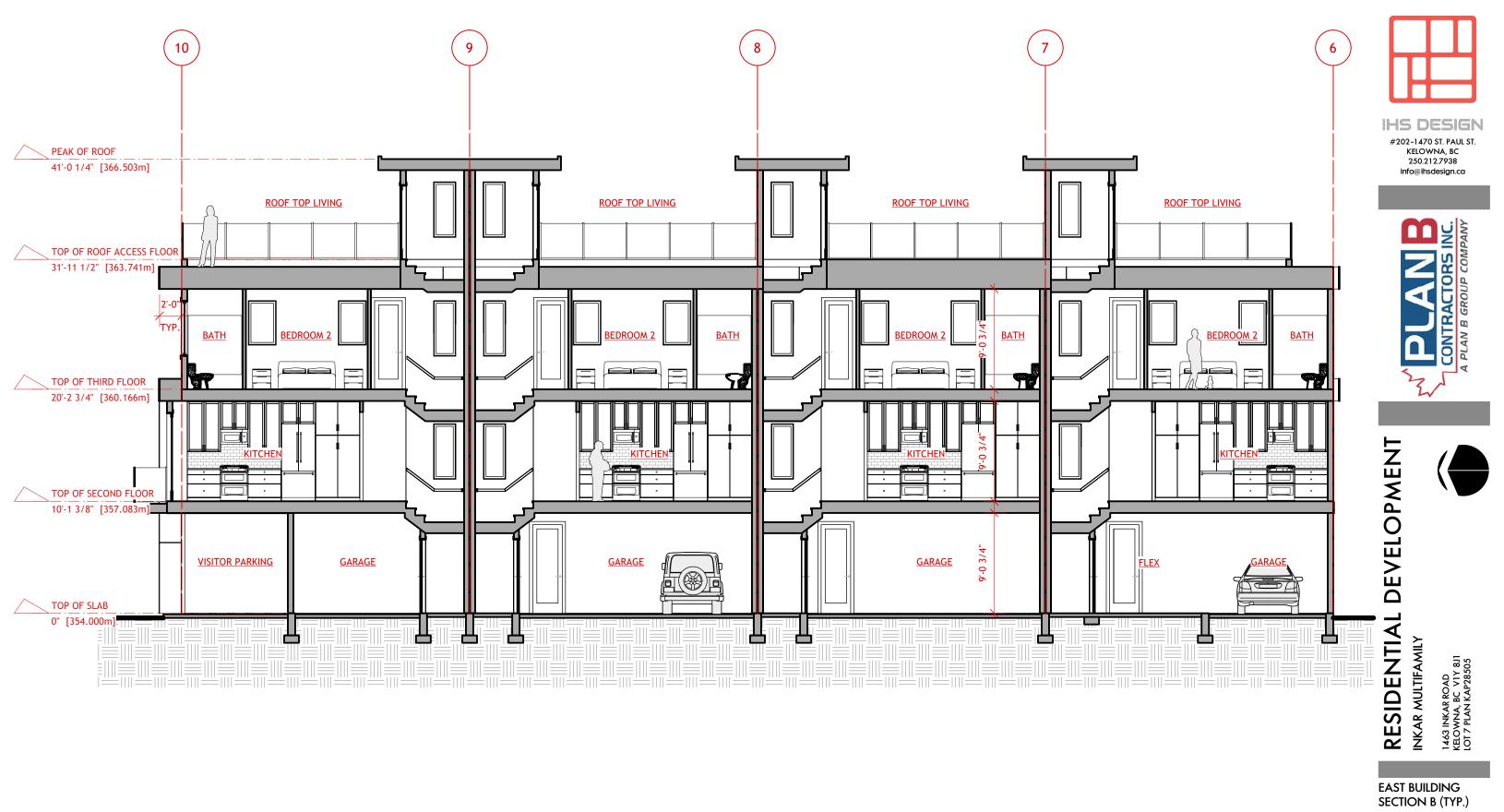
EAST BUILDING SECTION A (TYP.)

DATE:

15-Nov-23

SCALE: 3/16" = 1'-0" ISSUED FOR: REVIEW ONLY

DP4.0

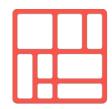




DATE: 15-Nov-23

SCALE: 1/8" = 1'-0"
ISSUED FOR: REVIEW ONLY





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RESIDENTIAL DEVELOPMENT INKAR MULTIFAMILY

RENDERINGS

SCHEDULE This forms part of application # DP23-0149 City of Kelowna Planner Initials TC

DATE: 15-Nov-23 SCALE: N/A

ISSUED FOR: REVIEW ONLY



BLACK CHAINLINK FENCE W/ HEDGE

SCHEDULE This forms part of application #_DP23-0149 City of Kelowna TC Planner Initials

NOTES

1. PLANT MATERIAL AND CONSTRUCTION METHODS SHALL MEET OR EXCEED CANDAIAN LANDSCAPE STANDARDS. ALL OFFSITE LANDSCAPE WORKS TO MEET CITY OF KELOWNA BYLAW 12375 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 75mm NATURAL WOOD MULCH AS SHOWN IN PLANS. DO NOT PLACE WEED MAT UNDERNEATH TREE AND SHRUB BEDS.

4. SHRUB BEDS TO RECEIVE A MINIMUM 300mm DEPTH TOPSOIL PLACEMENT. TREE BEDS TO RECEIVE A MINIMUM 1000mm DEPTH TOPSOIL PLACEMENT.

5. TURF AREA FROM SOD SHALL BE NO.1 GRADE GROWN FROM CERTIFIED SEED OF IMPROVED CULTIVARS REGISTERED FOR SALE IN B.C. AND SHALL BE TOLERANT OF DROUGHT CONDITIONS. A MINIMUM OF 150mm DEPTH OF GROWING MEDIUM IS REQUIRED BENEATH TURF AREAS. TURF AREAS SHALL MEET EXISTING GRADES AND HARD SURFACES FLUSH.

6. SITE GRADING AND DRAINAGE WILL ENSURE THAT ALL STRUCTURES HAVE POSITIVE DRAINAGE AND THAT NO WATER OR LOOSE IMPEDIMENTS WILL BE DISCHARGED FROM THE LOT ONTO ADJACENT PUBLIC, COMMON, OR PRIVATE PROPERTIES.

7. FOR CONFORMANCE WITH DEVELOPMENT PERMIT LANDSCAPE REQUIREMENTS, THE PRIME CONTRACTOR AND/OR CONSULTANTS REPONSIBLE FOR SITE SERVICING AND UTILITIES SHALL ENSURE THAT ALL BUILDING PERMIT SUBMITTALS ARE COORDINATED WITH LANDSCAPE ARCHITECTURAL SUBMITTALS.

PLANT LIST

BOTANICAL NAME

ACER RUBRUM 'ARMSTRONG' POPULUS TREMULA 'ERECTA' QUERCUS X BIMUNDORUM 'MIDWEST'

SHRUBS

BERBERIS THUNBERGII 'GENTRY' PICEA ABIES 'LITTLE GEM' SPIRAEA JAPONICA 'GOLDMOUND' TAXUS X MEDIA 'HICKSII'

PERENNIALS & GRASSES CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'

HOSTA 'STRIPTEASE' LAVANDULA ANGUSTIFOLIA 'HIDCOTE' PACHYSANDRA TERMINALIS RUDBECKIA FULGIDA 'GOLDSTURM' SEDUM SPECTABILE 'AUTUMN FIRE'

COMMON NAME

ARMSTRONG RED MAPLE COLUMNAR SWEDISH ASPLEN PRAIRIE STATURE OAK

ROYAL BURGUNDY BARBERRY LITTLE GEM NORWAY SPRUCE GOLDMOUND SPIREA

STRIPTEASE HOSTA HIDCOTE ENGLISH LAVENDER CREEPING SPURGE

GOLDSTURM CONEFLOWER

AUTUMN FIRE STONECROP

HICK'S YEW 13 #01 CONT. /0.75M O.C. SPACING 10 #01 CONT. /0.75M O.C. SPACING

5 #02 CONT. /1.0M O.C. SPACING 10 #02 CONT. /0.75M O.C. SPACING 95 #02 CONT. /0.9M O.C. SPACING KARL FOERSTER FEATHER REED GRASS 7 #01 CONT. /1.0M O.C. SPACING #01 CONT. /0.9M O.C. SPACING

13 #01 CONT. /0.75M O.C. SPACING

13 #01 CONT. /0.75M O.C. SPACING

10 #02 CONT. /1.2M O.C. SPACING

PLANT QUANTITIES ESTIMATED ONLY. NOT FOR PRICING

QTY* SIZE/SPACING & REMARKS

1 5cm CAL.

6 **4**cm CAL.

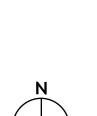
1 3cm CAL.

drawing number

without permission.

FIONA BARTON

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PROJECT TITLE

1463 INKAR ROAD

ecora

200-2045 Enterprise Way Kelowna, BC V1Y 9T5

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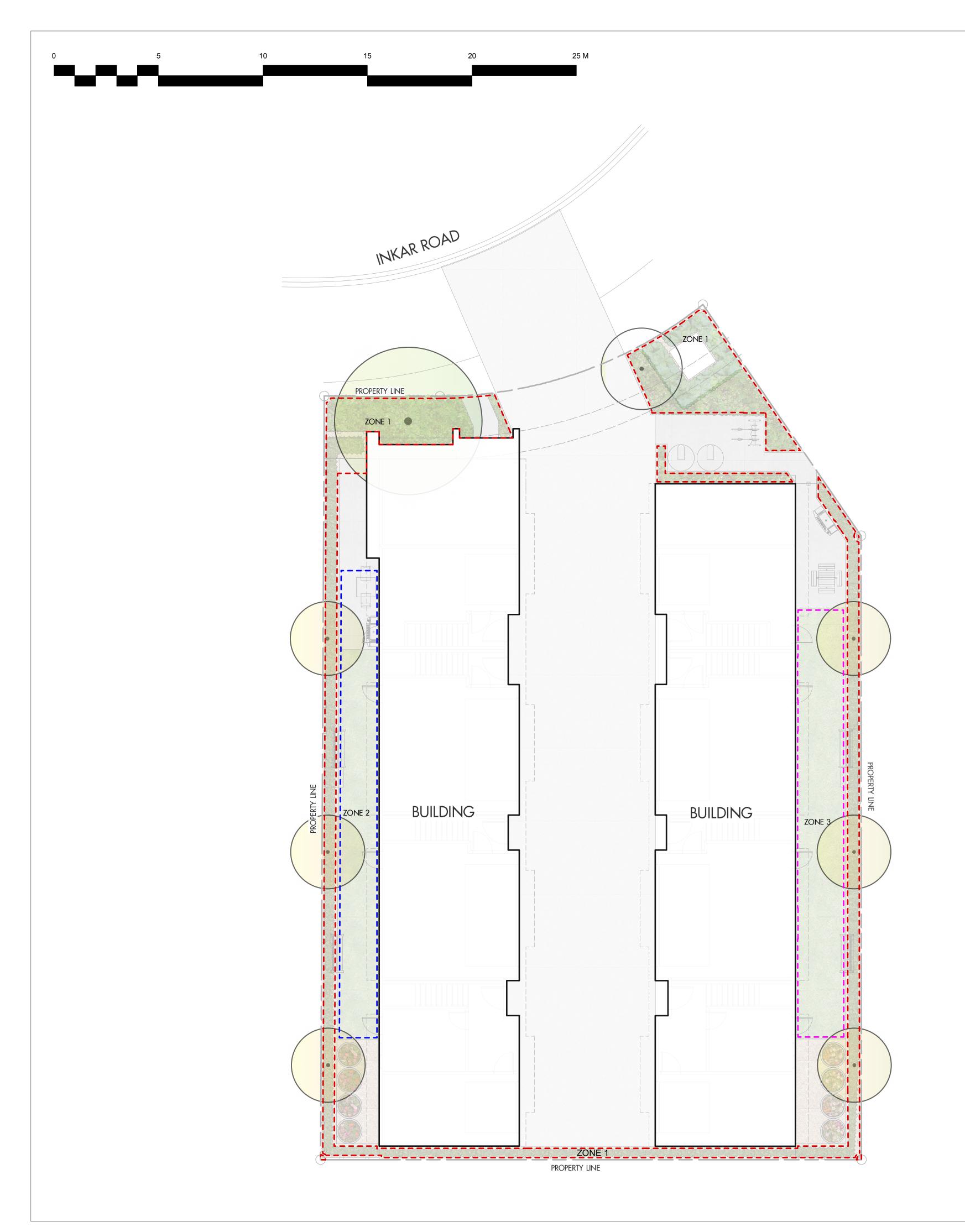
kelowna, bc

DRAWING TITLE

CONCEPTUAL LANDSCAPE PLAN

ISSL	JED FOR / REVISION	
1	23.08.11	Review
2	23.08.14	Development Permit
3	23.11.01	Development Permit
4		
5		

PROJECT NO	23-0568	
DESIGN BY	NM	
DRAWN BY	AJ	
CHECKED BY	FB	
DATE	NOV. 1, 2023	
SCALE	1:100	
PAGE SIZE	24x36	







WATER CONSERVATION CALCULATIONS

LANDSCAPE MAXIMUM WATER BUDGET (WB) = 131 cu.m. / year
ESTIMATED LANDSCAPE WATER USE (WU) = 122 cu.m. / year
WATER BALANCE = 9 cu.m. / year
*REFER ATTACHED IRRIGATION APPLICATION FOR DETAILED CALCULATIONS

IRRIGATION NOTES

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

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

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

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

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

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

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

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.

IRRIGATION LEGEND

ZONE #1: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS TOTAL AREA: 123 sq.m.
MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY BULIDING ESTIMATED ANNUAL WATER USE: 17 cu.m.

ZONE #2: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS TOTAL AREA: 44 sq.m.

MICROCLIMATE: EAST EXPOSURE, PARTIALLY SHADED BY TREES

ESTIMATED ANNUAL WATER USE: 46 cu.m.

ZONE #3: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS TOTAL AREA: 50 sq.m.
MICROCLIMATE: SOUTHWEST EXPOSURE, PARTIALLY SHADED BY TREES ESTIMATED ANNUAL WATER USE: 53 cu.m.



PROJECT TITLE

1463 INKAR ROAD

KELOWNA, BC

drawing title

WATER CONSERVATION/ IRRIGATION PLAN

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SEAL



Drawing number

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Consideration has been given to the following guidelines as identified in Chapter 18 of the City of Kelowna 2040 Official Community Plan:

	SECTION 4.0: TOWNHOUSES & INFILL						
RA	TE PROPOSALS COMPLIANCE TO PERTINENT GUIDELINE	N/A	1	2	3	4	5
(1)	is least complying & 5 is highly complying)						
3.1	. Townhouses & Infill						
3.1	1 Relationship to the Street	N/A	1	2	3	4	5
a.	Design primary unit entrances to provide:						✓
•	A clearly visible front door directly accessible from a public street						
	or publicly accessible pathway via a walkway, porch and/or stoop;						
•	Architectural entrance features such as stoops, porches, shared						
	landings, patios, recessed entries, and canopies;						
•	A sense of transition from the public to the private realm by						
	utilizing strategies such as changes in grade, decorative railings,						
	and planters; and						
•	Punctuation, articulation, and rhythm along the street						
b.	A maximum 1.2 m height (e.g. 5-6 steps) is desired for front						✓
	entryways or stoops. Exceptions can be made in cases where the						
	water table requires this to be higher.						
c.	For buildings oriented perpendicularly to the street (e.g. shotgun						✓
	townhomes), ensure that the end unit facing the street is a custom						
	street-oriented unit with primary entry directly accessible from						
	the fronting street and primary living space at grade.						
2 1	2 Scale and Massing	N/A	_		_		
٠.٦		IN/A	1	2	3	4	5
a.	Wherever possible, reflect the positive attributes of adjacent	IN/A	1	2	3	4 ✓	5
	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as	IN/A	1	2	3	4 ✓	5
	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP.	IN/A	1	2	3	4 ✓	5
	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the	IN/A	1	2	3	4 ✓	5
a.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through	N/A	1	2	3	√	5
a.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials	N/A	1	2	3	√	5
a.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade.	N/A	1	2	3	√	
a.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of	N/A	1	2	3	√	5
a.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings.	N/A	1	2	3	√	
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a. b. c.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts.			2	3	√	
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a. b. c. •	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts. 3.3 Site Planning Gated or walled communities are not supported.	N/A				✓ ✓	~
a. b. c.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts. 3.3 Site Planning Gated or walled communities are not supported. For large townhouse projects, consider including communal					✓ ✓	~
a. b. c	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts. 3.3 Site Planning Gated or walled communities are not supported. For large townhouse projects, consider including communal amenity buildings.	N/A				✓ ✓	~
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a. b. c	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts. 3.3 Site Planning Gated or walled communities are not supported. For large townhouse projects, consider including communal amenity buildings. nnectivity Provide pedestrian pathways on site to connect:	N/A				✓ ✓	~
a. b. c. 3.1 a. b.	Wherever possible, reflect the positive attributes of adjacent housing while integrating new higher density forms of housing as envisioned in the OCP. Scale and site buildings to establish consistent rhythm along the street by, for example, articulating individual units through integration of recessed entries, balconies, a change in materials and slight projection/recess in the façade. Limit the number of connected townhouse units to a maximum of 6 units before splitting into multiple buildings. In larger townhouse developments (e.g., master planned communities with internal circulation pattern), integrate a large proportion of 4 unit townhouse buildings to create a finer gran of development and limit visual impacts. 3 Site Planning Gated or walled communities are not supported. For large townhouse projects, consider including communal amenity buildings. nnectivity	N/A				✓ ✓	~



	From the cite to adjacent nedectrian/trail/cycling networks (where				
•	From the site to adjacent pedestrian/trail/cycling networks (where applicable).				
d.	When pedestrian connections are provided on site, frame them			✓	
	with an active edge – with entrances and windows facing the path				
	or lane.				
e.	For large townhouse projects (e.g. master planned communities	✓			
	with internal circulation pattern):				
•	Design the internal circulation pattern to be integrated with and				
Г-	connected t the existing and planned public street network.				
f.	cing Distances and Setbacks Locate and design buildings to maintain access to sunlight, and			1/	
١.	reduce overlook between buildings and neighbouring properties.			•	
g.	Separate facing buildings on site a minimum of 10 – 12 m to		√		
9.	provide ample spatial separation and access to sunlight.				
h.	Limit building element projections, such as balconies, into setback			✓	
	areas, streets, and amenity areas to protect solar access.				
i.	Front yard setbacks on internal roads should respond to the height			✓	
	of townhouses, with taller townhouses (e.g. 3 storeys) having				
	greater setbacks to improve liveability and solar access.				
3.1	.4 Open Spaces				
a.	Design all units to have easy access to useable private or semi-				✓
	private outdoor amenity space.				
b.	Design front yards to include a path from the fronting street to the				√
	primary entry, landscaping, and semi-private outdoor amenity				
	space.			✓	
C.	Avoid a 'rear yard' condition with undeveloped frontages along			•	
d.	streets and open spaces. Design private outdoor amenity spaces to:				1
u. •	Have access to sunlight;				•
	Have railing and/or fencing to help increase privacy; and				
	Have landscaped areas to soften the interface with the street or				
	open spaces/				
e.	Design front patios to:			✓	
•	Provide an entrance to the unit; and				
•	Be raised a minimum of 0.6 m and a maximum of 1.2 m to create a				
	semi-private transition zone.				
f.	Design rooftop patios to:				✓
•	Have parapets with railings;				
•	Minimize direct sight lines into nearby units; and				
•	Have access away from primary facades.				
g.	Design balconies to be inset or partially inset to offer privacy and			✓	
	shelter, reduce building bulk, and minimize shadowing.				
•	Consider using balcony strategies to reduce the significant				
	potential for heat loss through thermal bridge connections which				
L	could impact energy performance.				✓
h.	Provide a minimum of 10% of the total site area to common				*
	outdoor amenity spaces that:	<u> </u>		<u> </u>	



•	Incorporate landscaping, seating, play space, and other elements						
	that encourage gathering or recreation; and						
•	Avoid isolated, irregularly shaped areas or areas impacted by						
	parking, mechanical equipment, or servicing areas.						
i.	For large townhouse projects, provide generous shared outdoor	✓					
	amenity spaces integrating play spaces, gardening, storm water						
	and other ecological features, pedestrian circulation, communal						
	amenity buildings, and other communal uses.						
j.	Design internal roadways to serve as additional shared space (e.g.				✓		
	vehicle access, pedestrian access, open space) suing strategies						
	such as:						
•	High quality pavement materials (e.g. permeable pavers); and						
•	Roviding useable spaces for sitting, gathering and playing.						
3.1	.5 Site Servicing, Access, and Parking	N/A	1	2	3	4	5
a.	Provide landscaping in strategic locations throughout to frame					√	
	building entrances, soften edges, screen parking garages, and						
	break up long facades.						
	e Servicing			ı			
b.	Exceptions for locating waste collection out of public view can bee						√
	made for well-designed waste collection systems such as Molok						
	bins.						
Pa	king	Т.	1			1	
c.	Centralized parking areas that eliminate the need to integrate	✓					
	parking into individual units are supported.						
d.	Front garages and driveway parking are acceptable in townhouses				✓		
	facing internal strata roads, with the following considerations:						
•	Architecturally integrate the parking into the building and provide						
	weather protection to building entries; and						
•	Design garage doors to limit visual impact, using strategies such						
	as recessing the garage from the rest of the façade.						
e.	Provide visitor parking in accessible locations throughout the site					✓	
	and provide pedestrian connections from visitor parking to						
	townhouse units. Acceptable locations include:						
•	Distributed through the site adjacent to townhouse blocks; and						
•	Centralized parking, including integration with shared outdoor						
	amenity space						
	cess			ı			
f.	Ensure that internal circulation for vehicles is designed to					✓	
	accommodate necessary turning radii and provides for logical and						
	safe access and egress.	<u> </u>					
g.	For large townhouse projects (e.g. master planned communities	✓					
	with internal circulation pattern), a minimum of two access/egress						
	points to the site is desired.						
h.	' '						✓
	building interiors.						



i.	Design the internal circulation pattern and pedestrian open space					✓	
	network to be integrated with and connected to the existing and						
	planned public street and open space network.						
3.1	.6 Building Articulation, Features, and Materials	N/A	1	2	3	4	5
a.	Design facades to articulate the individual units while reflecting					✓	
	positive attributes of neighbourhood character. Strategies for						
	achieving this include:						
•	Recessing or projecting facades to highlight the identity of						
	individual units; and						
•	Using entrance features, roofline features, or other architectural						
	elements.						
b.	To maximize integration with the existing neighbourhood, design					✓	
	infill townhouses to:						
•	Incorporate design elements, proportions, and other						
	characteristics found within the neighbourhood; and						
•	Use durable, quality materials similar or complementary to those						
	fond within the neighbourhood.						
C.	Maintain privacy of units on site and on adjacent properties by					✓	
	minimizing overlook and direct sight lines from the building using						
	strategies such as:						
•	Off-setting the location of windows in facing walls and locating						
	doors and patios to minimize privacy concerns from direct sight						
	lines;						
•	Use of clerestory windows;						
•	Use of landscaping or screening; and						
•	Use of setbacks and articulation of the building.						
d.	In larger townhouse developments (e.g. master planned	✓					
	communities with internal circulation pattern), provide modest						
	variation between different blocks of townhouse units, such as						
	change in colour, materiality, building, and roof form.						

