CITY OF KELOWNA

MEMORANDUM

Date:	March 15, 2022	ATTACHMENT A
File No.:	Z22-0014	This forms part of application # Z22-0014
То:	Planning and Development Officer (MT)	City of Kelowna
From:	Development Engineering Manager (NC)	
Subject:	175 Kneller Rd	RU1 to MF3r

The Development Engineering Branch has the following comments and requirements associated with this application to rezone the southern portion of the subject properties from from RU1 – Large Lot Housing and RU2 – Medium Lot Housing to MF3r – Medium Density Multiple Housing (Residential Rental Tenure Only) to facilitate the development of a four-storey rental apartment building. The Development Engineering Technician for this project will be Sarah Kelly (skelly@kelowna.ca).

1. <u>GENERAL</u>

- a. The following requirements are valid for two (2) years from the reference date of this memo, or until the application has been closed, whichever occurs first. The City of Kelowna reserves the rights to update/change some or all items in this memo once these time limits have been reached.
- b. This proposed development may require the installation of centralized mail delivery equipment. Please contact Arif Bhatia, Delivery Planning Officer, Canada Post Corporation, 530 Gaston Avenue, Kelowna, BC, V1Y 2K0, (250) 859-0198, arif.bhatia@canadapost.ca to obtain further information and to determine suitable location within the development.
- c. There is a possibility of a high water table or surcharging of storm drains during major storm events. This should be considered in the design of the onsite system.
- d. This proposed development is located within the 800m Ministry of Transportation and Infrastructure (MoTI) Highway Buffer and is subject to review by the MoTI.

2. DOMESTIC WATER AND FIRE PROTECTION

- a. The subject lots are located within the Black Mountain Irrigation District (BMID) service area. The developer is required to make satisfactory arrangements with BMID for all water and fire protection-related issues. All charges for service connection and upgrading costs, as well as any costs to decommission existing services, shall be the responsibility of the developer.
- b. The Developer's Consulting Mechanical Engineer will determine the fire protection requirements of this proposed development and establish hydrant requirements and service needs. All fire flow calculations approved by BMID are to be shared with the Development Engineering Branch upon submittal of off-site civil engineering drawings.

c. The water system must be capable of supplying the domestic and fire flow demands of the project in accordance with the Subdivision, Development, & Servicing Bylaw No. 7900. Provide water flow calculations for this development to confirm bylaw conformance (150 L/s for apartments/townhouses). Ensure building site is located at an elevation that ensures water pressure is within the bylaw pressure limits. Note: Private pumps are not acceptable for addressing marginal pressure.

3. SANITARY SEWER SYSTEM

- a. There are existing individual service connections for each of the subject lots. The Applicant's Consulting Mechanical Engineer will determine the requirements of the proposed development and establish the service needs. Only one service will be permitted for each legal lot.
- b. The applicant, at their cost, will arrange for the removal and disconnection of existing services as necessary so that each new lot has only one connection. Service connections are to be completed with an inspection chamber (c/w Brooks Box) as per SS-S7 & SS-S9.
- c. Service connections may not be extended at an angle that exceeds 45° from perpendicular to the main and cannot front any property but the one being serviced. Connection from mains within rear yard right-of-ways will not be permitted.

4. STORM DRAINAGE

- a. These properties are located within the City of Kelowna drainage service area. Service connection to the City storm system, complete with onsite detention and flow control, is required for all multi-family land uses. For on-site disposal of drainage water, a hydrogeotechnical report will be required complete with a design for the disposal method (i.e. trench drain / rock pit). The Lot Grading Plan must show the design and location of these systems.
- b. Provide the following drawings:
 - i. A detailed Lot Grading Plan (indicate on the Lot Grading Plan any slopes that are steeper than 30% and areas that have greater than 1.0 m of fill);
 - ii. A detailed Stormwater Management Plan for this subdivision; and,
 - iii. An Erosion and Sediment Control Plan is to be prepared by a Professional Engineer proficient in the field of erosion and sediment control. The plan is to be prepared as per section 3.14 of Schedule 4 of Bylaw 7900. If a line item for ESC is not included in the Engineer's cost estimate for offsite work, then an additional 3% will be added to the performance security based on the total off-site construction estimate.
- c. On-site detention systems are to be compliant with Bylaw 7900, Schedule 4, Section 3.11.1 *Detention Storage*.
- d. As per Bylaw 7900, Schedule 4, Section 3.1.3 Climate Change, the capacity of storm works will include an additional 15 percent (15%) upward adjustment, and applied to the rainfall intensity curve stage (IDF) in Section 3.7.2.
- e. Show details of dedications, rights-of-way, setbacks and non-disturbance areas on the lot Grading Plan.



- f. Register right of ways on private properties for all the storm water infrastructure carrying, conveying, detaining and/or retaining storm water that is generated from the public properties, public road right of ways, and golf course lands.
- g. Where structures are designed or constructed below the proven high groundwater table, permanent groundwater pumping will not be permitted to discharge to the storm system. The City will approve designs that include provisions for eliminating groundwater penetration into the structure, while addressing buoyancy concerns. These design aspects must be reviewed and approved by the City Engineer.

5. ROAD IMPROVEMENTS

- a. Kneller Rd is classified in the 2040 OCP as a Collector Road with bike lanes. Kneller Rd has already been upgraded to an urban standard, boulevard must be completed with landscaping and irrigation. Pavement removal and replacement and re-location or adjustment of utility appurtenances may be required to accommodate any utility upgrading necessary to service the development.
- b. All furnishings, including bike racks, as well as stairs and ramps must be contained on private property and are not permitted within the boulevard.
- c. Landscape and Irrigation plans are required for all City roadways, with design and inspection by a Qualified Professional registered with the BCSLA and the IIABC. Associated costs are to be included in Servicing Agreement performance security. Landscape and irrigation plans require review and acceptace by the Development Engineering Branch at the same time as other "issued for construction" drawings.
- d. Streetlights must be installed on all public roads. All streetlighting plans are to include photometric calculations demonstrating Bylaw 7900 requirements are met and approval by the Development Engineering Branch at the same time as other "issued for construction" drawings.

6. <u>POWER AND TELECOMMUNICATION SERVICES</u>

- a. All proposed distribution and service connections are to be installed underground. It is the developer's responsibility to make a servicing application with the respective electric power, telephone and cable transmission companies to arrange for these services, which would be at the applicant's cost.
- b. If any road dedication or closure affects lands encumbered by a Utility right-of-way (such as Hydro, Telus, Gas, etc.) please obtain the approval of the utility. Any works required by the utility as a consequence of the road dedication or closure must be incorporated in the construction drawings submitted to the City's Development Manager.
- c. Re-locate existing poles and utilities, where necessary including within lanes. Remove aerial trespass(es).

7. <u>GEOTECHNICAL STUDY</u>

- a. The Applicant is required to provide a comprehensive geotechnical report (3 copies), prepared by a Professional Engineer competent in the field of hydrogeotechnical engineering to address the items below:
 - i. Area ground water characteristics, including any springs and overland surface drainage courses traversing the property. Identify any monitoring required.



- ii. Site suitability for development.
- iii. Site soil characteristics (i.e. fill areas, sulphate content, unsuitable soils such as organic material, etc.).
- iv. Any special requirements for construction of roads, utilities, and building structures.
- v. Recommendations for items that should be included in a Restrictive Covenant.
- vi. Recommendations for roof drains and perimeter drains.
- vii. Recommendations for erosion and sedimentation controls for water and wind.
- viii. Any items required in other sections of this document.
- b. Geotechnical reports must be submitted to the Planning and Development Services Department (Planning & Development Officer) for distribution to the Works & Utilities Department and Inspection Services Division prior to submission of Engineering drawings or application for subdivision approval.

NOTE: The City is relying on the Geotechnical Engineer's report to prevent any damage to property and/or injury to persons from occurring as a result of problems with soil slippage or soil instability related to this proposed subdivision.

c. Should any on-site retaining walls surpass the following limits, an Over Height Retaining Wall Permit will be required:

"Retaining walls on all lots, except those required as a condition of subdivision approval, must not exceed a height of 1.2 m measured from natural grade on the lower side, and must be constructed so that any retaining walls are spaced to provide a 1.2 m horizontal separation between tiers. The maximum number of tiers is two with a maximum total height of 2.4 m. Any multi-tier structure more than 2 tiers must be designed and constructed under the direction of a qualified professional engineer."

The design of all retaining walls is to conform with Engineer & Geoscientists British Columbia's Professional Practice Guidelines for Retaining Wall Design. Submission requirements for the Over Height Retaining Wall Permit include Engineer of Record documents (Appendix A of Retaining Wall Design Guideline) and any necessary independent reviews (as per EGBC's Documented Independent Review of Structural Designs).

8. ROAD DEDICATION/SITE ACCESS

- a. Only one driveway, with a maximum width of 6m, will be permitted for each legal lot and is to be formalized with a concrete letdown as per SS-C7.
- b. Indicate on each of the multi-family lots, the locations of the garbage and recycle bins. Provide turning movements for a garbage collection vehicle to confirm manoeuvrability on site without requiring reverse movement onto City roads.



9. DESIGN AND CONSTRUCTION

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

10. SERVICING AGREEMENT FOR WORKS AND SERVICES

- a. A Servicing Agreement is required for all offsite works and services on City lands in accordance with the Subdivision, Development & Servicing Bylaw No. 7900. The applicant's Engineer, prior to preparation of Servicing Agreements, must provide adequate drawings and estimates for the required works. The Servicing Agreement must be in the form as described in Schedule 2 of the bylaw.
- b. Part 3, "Security for Works and Services", of the Bylaw, describes the Bonding and Insurance requirements of the Owner. The liability limit is not to be less than \$5,000,000 and the City is to be named on the insurance policy as an additional insured.

11. CHARGES AND FEES

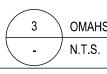
- a. Development Cost Charges (DCC's) are payable.
- b. Fees per the "Development Application Fees Bylaw" include:
 - i. Survey Monument Fee: \$50.00 per newly created lot (GST exempt).
 - ii. Survey Monument, Replacement Fee: \$1,200.00 (GST exempt) only if disturbed.
 - iii. Engineering and Inspection Fee: 3.5% of frontage upgrades (plus GST).

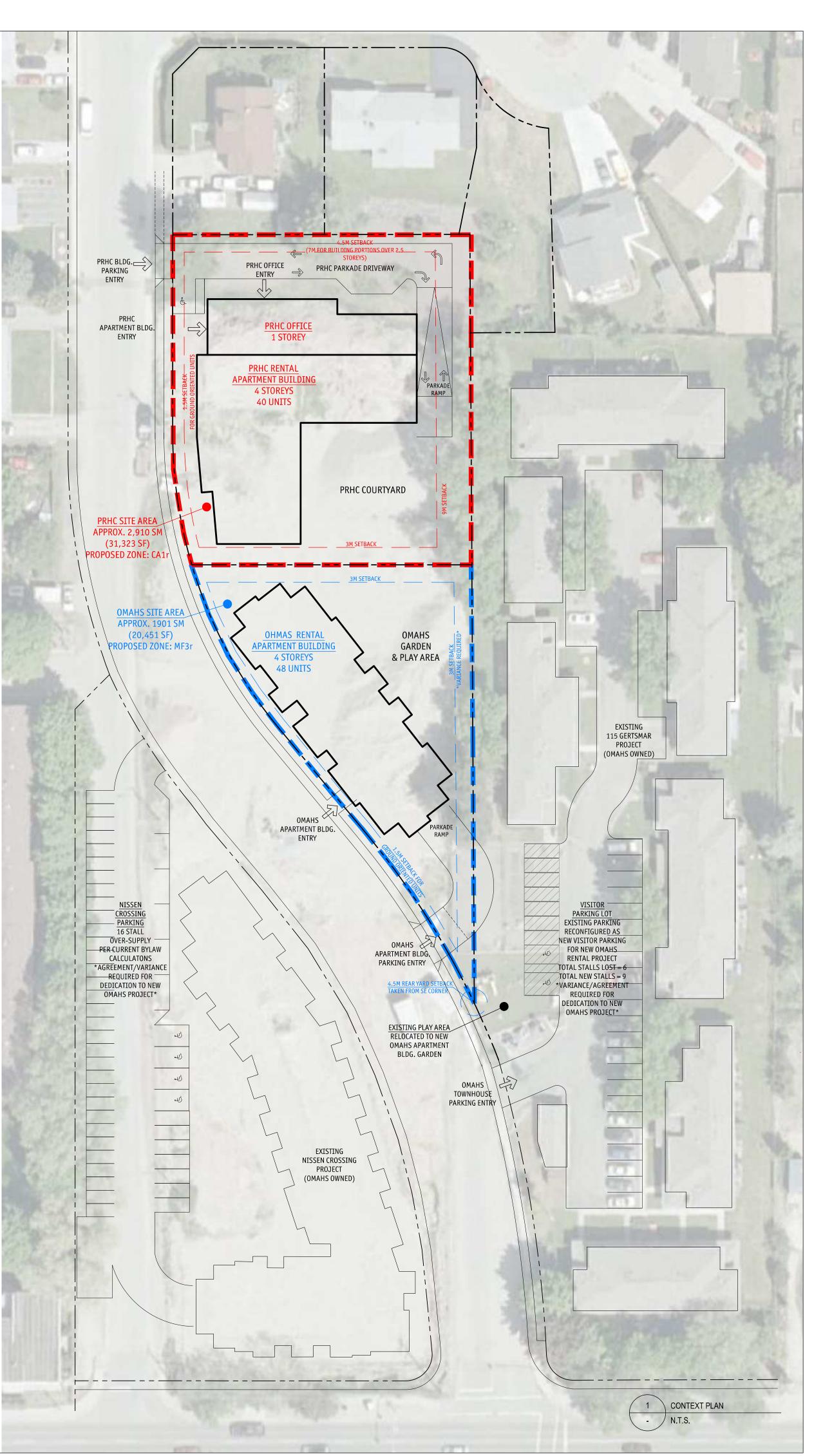
Nelson Chapman, P.Eng. Development Engineering Manager



ISTING CIVIC ADDRESSES OPOSED CIVIC ADDRESSES GAL DESCRIPTIONS ISTING ZONING OPOSED ZONING OPOSED PRINCIPAL USE(S) IMBER OF BUILDINGS	INAL HOUSING SOCIETY (OMAHS) PROJECT SUMMARY 175, 235, 239 KNELLER ROAD & 1161 KNELLER COURT, KELOWNA TBD (PENDING SUBDIVISION & REZONING) REFER TO SUBDIVISION APPLICATION SURVEY PLAN RU1 & RU2 MF3r (PENDING SUBDIVISION & REZONING) APARTMENT HOUSING ONE					PROVINCIAL RENTAL HOUSING CORPORATION (PRHC) PROJECT SUMMARYEXISTING CIVIC ADDRESSES175, 235, 239 KNELLER ROAD & 1161 KNELLER COURT, KELOWNAPROPOSED CIVIC ADDRESSESTBD (PENDING SUBDIVISION & REZONING)LEGAL DESCRIPTIONSREFER TO SUBDIVISION APPLICATION SURVEY PLANEXISTING ZONINGRU1 & RU2PROPOSED ZONINGCA1r (PENDING SUBDIVISION & REZONING)PROPOSED PRINCIPAL USE(S)APARTMENT HOUSING, OFFICES, TOWNHOMESNUMBER OF BUILDINGSONE							
NING BYLAW(S)		IG BYLAW - BY LAW NU	MBER #12375 (PENDING	G ADOPTION)			ZONING BYLAW(S)		NG BYLAW - BY LAW NU	IMBER #12375 (PENDIN	G ADOPTION)		
<u>TE & PROJECT DATA</u> TE DIMENSIONS	ZONING REC	QUIREMENTS	PROP	OSED	BYLAW # Section 13.4	NOTES	<u>SITE & PROJECT DATA</u> SITE DIMENSIONS	ZONING RE	QUIREMENTS	PROF	OSED	BYLAW # Section 14.10	NOT
TE AREA TE WIDTH (SIDE TO SIDE - EAST)	1,400.0 sm min. 30 m min.	15,069 sf max. 98.4 ft min.	1,900.0 sm 75.7 m	20,451 sf 248.2 ft			SITE AREA SITE WIDTH (SIDE TO SIDE)	1,200.0 sm min. 40 m min.	12,917 sf max. 131.2 ft min.	2,910.0 sm 56.8 m	31,323 sf 186.5 ft		╞
TE DEPTH (FRONT TO REAR - NORTH)	30 m min.	98.4 ft min.	48.3 m	158.5 ft	Section 13.5	5	SITE DEPTH (FRONT TO REAR)	30 m min.	98.4 ft min.	51.3 m	168.3 ft	Section 14.11	<u> </u>
TE COVERAGE - BLDGS (65% MAX.)	910.0 sm max. 1,190.0 sm max.	9,795 sf max. 12,809 sf max.	702.3 sm 858.4 sm	7,560 sf 9,240 sf		,	SITE COVERAGE - BLDGS (75% MAX.) SITE COVERAGE - ALL (85% MAX.)	2,182.5 sm max. 2,473.5 sm max.	23,492 sf max. 26,625 sf max.	1,041.4 sm 1,255.6 sm	11,210 sf 13,515 sf		<u>+</u>
IGHT OF BUILDINGS (m)	22.0 m	72.2 ft	16.0 m	52.5 ft	Section 13.6	5	HEIGHT OF BUILDINGS (m)	18.0 m	59.1 ft	13.5 m	44.3 ft	Section 14.14	<u> </u>
IGHT (# OF STOREYS) TBACKS		DREYS	5 STC		Section 13.5		HEIGHT (# OF STOREYS)	4 ST	OREYS Osm or GREATER		DREYS	56010114.14	
ONT YARD (WEST) NOT NOTED BELOW ONT YARD FOR GROUND ORIENTED	3.0 m	9.8 ft	1.5 m	5.0 ft		,	SETBACKS FRONT YARD (WEST) NOT NOTED BELOW	3.0 m	9.8 ft	6.0 m	19.7 ft	Section 14.11	
SIDENTIAL UNITS	2.0 m	6.6 ft	2.3 m	7.5 ft		1	FRONT YARD FOR GROUND ORIENTED						
ONT YARD STEPBACK (FOR 5 STOREY OR GHER BUILDINGS	3.0 m	9.8 ft	0.0 m	0.0 ft			RESIDENTIAL UNITS UPPER FLOOR SETBACKS FOR ANY PORTION	2.0 m	6.6 ft	2.3 m	7.5 ft		-
DE YARD (NORTH & EAST) AR YARD (SOUTHEAST CORNER)	3.0 m 4.5 m	9.8 ft 14.8 ft	3.0 m 21.0 m	9.8 ft 69.0 ft			OF THE BLDG ABOVE THE LESSER OF 4 STOREYS OR 16m	3.0 m					
OOR AREA RATIO (FAR) SUMMARY	ZONING MAX.	PROPOSED		ET / FAR AREA			SIDE YARD (NORTH & SOUTH) REAR YARD (EAST) IF ABUTTING	3.0 m	9.8 ft	15.2 m	50.0 ft		+
R: MAX 1.6 (5 STOREYS)	1.8 FAR		3,420.0 sm	36,813 sf	Section 13.6	5	RESIDENTIAL ZONE	6.0 m	19.7 ft	9.3 m	30.6 ft		
TAL ALLOWABLE FAR W/BONUSES	1.8 FAR	1.48 FAR	3,420.0 sm max.	36,813 sf max.			FLOOR AREA RATIO (FAR) SUMMARY FAR: MAX BASE FAR	<u>INFO</u> 1.6 FAR	APPLICABLE YES	ALLOWABLE N 4,656.0 sm	ET / FAR AREA 50,117 sf	Section 14.14	í.
OPOSED AREA SUMMARY VEL 1 (APARTMENTS)	GROS 702.3 sm	S AREA 7,560 sf	NET 415.7 sm	AREA 4,475 sf	NET/GROSS 59.2%	NOTES	TOTAL ALLOWABLE FAR W/BONUSES	1.600 FAR		4,656.0 sm max.	50,117 sf max.		
VEL 2 (APARTMENTS) VEL 3 (APARTMENTS)	702.3 sm 702.3 sm	7,560 sf 7,560 sf	597.8 sm	6,435 sf 6,435 sf	85.1% 85.1%		PROPOSED AREA SUMMARY		S AREA		AREA	NET/GROSS	
VEL 4 (APARTMENTS) VEL 5 (APARTMENTS)	702.3 sm 702.3 sm	7,560 sf 7,560 sf	597.8 sm	6,435 sf 6,435 sf	85.1% 85.1%		LEVEL 1 (PRHC OFFICE) LEVEL 1 (APARTMENTS)	296.8 sm 802.7 sm	3,195 sf 8,640 sf	262.5 sm 521.7 sm	2,826 sf 5,615 sf	88.5% 65.0%	—
TAL PROPOSED FLOOR AREAS	3,511.7 sm	37,800 sf	2,807.1 sm	30,215 sf	79.9%		LEVEL 2 (APARTMENTS) LEVEL 3 (APARTMENTS)	1,041.4 sm 993.6 sm	11,210 sf 10,695 sf	905.8 sm 851.5 sm	9,750 sf 9,165 sf	87.0% 85.7%	╞
VEL P1 - PARKADE	785.0 sm	8,450 sf					LEVEL 4 (APARTMENTS)	993.6 sm	10,695 sf	851.5 sm	9,165 sf	85.7%	
OPOSED UNIT AREA SUMMARY ITT A - 1 BED	48.3 sm	ET AREA 520 sf	5.8 sm	CONY AREA 62 sf	UNIT COUNT 23	NOTES	TOTAL PROPOSED FLOOR AREAS LEVEL P1 - PARKADE	4,128.1 sm 1,319.7 sm	44,435 sf 14,205 sf	3,392.9 sm	36,521 sf	82.2%	
ITT B - 2 BED ITT C - 2 BED	68.3 sm 72.0 sm	735 sf 775 sf	9.8 sm 9.3 sm	106 sf 100 sf	5 17		PROPOSED UNIT AREA SUMMARY		IET AREA		CONY AREA	UNIT COUNT	NO
IT D - STUDIO IT E - 1 BED	30.2 sm 70.1 sm	325 sf 755 sf	0.0 sm 9.3 sm	0 sf 100 sf	2 1		1 BED UNIT A 1 BED UNIT B	50.6 sm 48.3 sm	545 sf 520 sf	TBD TBD	TBD TBD	6 2	
TAL # OF UNITS					48		1 BED UNIT C 1 BED UNIT D	50.2 sm 50.2 sm	540 sf 540 sf	TBD TBD	TBD TBD	2	
OPOSED UNIT MIX SUMMARY	LEVEL 1	FLOOF LEVELS 2-5	R LEVELS		UNIT COUNT	NOTES	2 BED UNIT A 2 BED UNIT B	76.2 sm 70.6 sm	820 sf 760 sf	TBD TBD	TBD TBD	5	—
IT A - 1 BED IT B - 2 BED	3	5 1			23 5		2 BED UNIT C 2 BED UNIT D	77.1 sm 77.1 sm	830 sf 830 sf	TBD TBD	TBD TBD	2	F
IT C - 2 BED IT D - STUDIO	1	4			17		3 BED UNIT A 3 BED UNIT B	94.8 sm 96.6 sm	1020 sf 1040 sf	TBD	TBD	3	F
IT E - 1 BED TAL # OF UNITS	1	0			1 48		3 BED UNIT C 3 BED UNIT D	96.2 sm 96.6 sm	1035 sf 1040 sf	TBD	TBD TBD	3	╞
MMON & PRIVATE AMENITY SPACE				N DECKS & PATIOS			3 BED UNIT E 3 BED TOWNHOME A	90.1 sm 48.3 sm	970 sf 520 sf	TBD TBD TBD	TBD TBD TBD	2	<u> </u>
IT A - 1 BED	345.0 sm	3,714 sf	132.5 sm	1,426 sf	23	NUILS	3 BED TOWNHOME B	46.5 sm	500 sf	TBD TBD TBD	TBD TBD TBD	1	<u> </u>
ITT B - 2 BED ITT C - 2 BED	125.0 sm 425.0 sm	1,345 sf 4,575 sf	49.2 sm 157.9 sm	530 sf 1,700 sf	5		4 BED TOWNHOME A 4 BED TOWNHOME B	61.3 sm 65.0 sm	660 sf 700 sf	TBD	TBD	1	
ITT D - STUDIO ITT E - 1 BED	15.0 sm 15.0 sm	161 sf 161 sf	0.0 sm 9.3 sm	00 sf 100 sf	2		TOTAL # OF UNITS		51.000			40	
TAL AREAS	925.0 sm	9,957 sf	348.9 sm	3,756 sf	48	6	PROPOSED UNIT MIX SUMMARY	LEVEL 1	LEVEL 2	R LEVELS	LEVEL 4 4 ST(NU
HICLE PARKING SUMMARY	1 BEDROOM UNITS	2 BEDROOM UNITS	STUDIO UNITS		BYLAW #	NOTES	1 BED UNITS 2 BED UNITS	6 0	2	0	0 5	11 12	
HICLE SPACES REQUIRED	24 units total 1.20 per unit min.		2 units total 1.0 per unit min.	<u>48 UNITS TOTAL</u> <u>TOTAL</u>	Table 8.3.1		3 BED UNITS 3 BED TOWNHOME UNITS	0 2	3 0	5 0	5 0	13 2	
ARTMENTS (UNITS) ARTMENT (VISITORS)	28.8 MIN. 0.14 SPACE PER I		2.0	61.6 6.7	Table 8.3.1		4 BED TOWNHOME UNITS TOTAL # OF UNITS	2 10	0 10	0 10	0 10	2 40	
TAL SPACES REQUIRED	ALL VISITOR STALLS M PRE RENTAL REDUCTIO	ON		68.3	Table 8.2.7.1	D	COMMON & PRIVATE AMENITY SPACE		EQUIRED		ROVIDED	UNIT COUNT	NO
3r RENTAL SUBZONE REDUCTION TAL SPACES REQUIRED	10% REDUCTION OUTS	SIDE OF URBAN CENTRE	Ε	6.8 61	8.2.11(a)		1 BED UNITS 2 BED UNITS	165.0 sm 300.0 sm	1,776 sf 3,229 sf	TBD TBD	TBD TBD	11 12	
CESSIBLE SPACES REQUIRED CESSIBLE VAN SPACES REQ'D	PROVIDED AS PART OF PROVIDED AS PART OF			2	Table 8.2.17 Table 8.2.17		3 BED UNITS 3 BED TOWNHOME UNITS	325.0 sm 50.0 sm	3,498 sf 538 sf	TBD TBD	TBD TBD	13 2	-
HICLE SPACES PROVIDED	REGULAR SPACE	SMALL CAR SPACE	ACCESSIBLE SPACES	TOTAL			4 BED TOWNHOME UNITS	50.0 sm	538 sf	TBD	TBD	2	-
SSEN CROSSING DEDICATED STALLS VEL 1 SURFACE PARKING	10 1	6 0	2	16		4	TOTAL AREAS	890.0 sm	9,580 sf			40	
VEL P1 PARKADE TAL PROVIDED (BY SPACE TYPE)	15 26	10 16	0	25 44			VEHICLE PARKING SUMMARY	1 BEDROOM UNITS	2 BEDROOM UNITS	3&4 BEDROOM UNITS		BYLAW #	NO
OF SMALL CAR STALLS PROVIDED TAL SPACES PROVIDED	MAX. PERMITTED 50%		-	36% 44	Table 8.2.7.	b	VEHICLE SPACES REQUIRED	11 units total 1.2 per unit min.	12 units total 1.4 per unit min.	17 units total 1.6 per unit min.	<u>40 UNITS TOTAL</u> <u>TOTAL</u>	Table 8.3.1	F
				44	BYLAW #	NOTES	APARTMENTS (UNITS) APARTMENT (VISITORS)	13.2 MIN. 0.14 SPACE PER	16.8	27.2	57.2 5.6	Table 8.3.1	F
CYCLE PARKING SUMMARY	2 BED UNITS OR LESS		TOTAL REQUIRED	TOTAL PROVIDED	DTLAW #	NULES	PRHC OFFICE		AUST BE REGULAR STA	LLS	5.9	Table 8.2.7.b Table 8.3.2	F
NG TERM SPACES REQUIRED ARTMENTS (UNITS)	0.75 per unit 36	1.00 per unit 0	36	34 sf	TABLE 8.5		LOADING STALLS REQUIRED		OMMERCIAL USE AREA		0 68.7	Table 8.3.2	╞
TALS ORT TERM SPACES REQUIRED			36	34			CA1r RENTAL SUBZONE REDUCTION		UN SIDE OF URBAN CENTR	E	6.9	8.2.11(a)	1
ARTMENTS (UNITS) TALS	6 PER ENTRANCE	I	6 6	TBD	TABLE 8.5		TOTAL SPACES REQUIRED ACCESSIBLE SPACES REQUIRED		F THE TOTAL SPACES RE	•	62 2	Table 8.2.17	
D OF TRIP FACILITIES REQUIRED SED ON # OF LONG TERM SPACES	# OF TOILETS 4	# OF SINKS 4	# OF SHOWERS 4	# OF LOCKERS 18	8.6.1	5	ACCESSIBLE VAN SPACES REQ'D		THE TOTAL ACESSIBL		1	Table 8.2.17	╞
NERAL NOTE:							VEHICLE SPACES PROVIDED LEVEL 1 SURFACE PARKING	REGULAR SPACE	SMALL CAR SPACE 0	ACCESSIBLE SPACES	<u>TOTAL</u> 2		\perp
SIGN DRAWINGS THAT FORM PART OF REZ	ONING APPLICATION AR	E CONCEPT DESIGN DR/	AWINGS ONLY AND WILL	BE DEVELOPED FURTH	IER FOR DEVELC	PMENT	LEVEL P1 PARKADE TOTAL PROVIDED (BY SPACE TYPE)	21 22	15 15	2 3	38		+
I <mark>TES</mark> CHANGE OF FRONT YARD FOR GROUND ORI	ENTED SETBACK FROM 1	1.5m to 2.0m BFTWFFN	N CURRENT AND NEW 701	VING BYLAW TO BE REV	/IEWED WITH CI	TY	% OF SMALL CAR STALLS PROVIDED TOTAL SPACES PROVIDED	MAX. PERMITTED 50%)		38% 40	Table 8.2.7.b)
OWNER PARKING VARIANCE RATIONALE IN REVISION OF EXISTING PARKING LOT AND	NCLUDED WITH RZ APPLI	ICATION AS AGREED TO) ON NOV 09, 2020 - TO E	BE REVIEWED FURTHER	R WITH CITY.		BICYCLE PARKING SUMMARY					BYLAW #	NO
DEDICATION OF EXISTING FARMING LOT AND DEDICATION OF NISSEN CROSSING STALLS END OF TRIP PROVISIONS NOT YET REVIEW	STO BE REVIEWED FURTH	HER WITH CITY.					LONG TERM SPACES REQUIRED	1 OR 2 BED UNITS 0.75 per unit	3 OR 4 BED UNITS 1.00 per unit	TOTAL REQUIRED	TOTAL PROVIDED	5.000#	
COMMON AMENITY AND PRIVATE SPACE CA							APARTMENTS (UNITS) PRHC OFFICE	17.25 1 PER 500sm GFA / 0.	15	32 1 33	TBD TBD	Table 8.5 Table 8.5	
			7				TOTALS SHORT TERM SPACES REQUIRED APARTMENTS (UNITS)	6 PER ENTRANCE		33 6		Table 8.5	F
ATTACH	JENT	B					OFFICE TOTALS	2 PER ENTRANCE		4 10	16	Table 8.5	
This forms part o							END OF TRIP FACILITIES REQUIRED BASED ON # OF LONG TERM SPACES	# OF TOILETS 2	# OF SINKS 2	# OF SHOWERS 2	# OF LOCKERS 16	8.6.1	
# Z22-0014							GENERAL NOTE:						
	City	of					DESIGN DRAWINGS THAT FORM PART OF REZO PERMIT (DP) APPLICATION. ALL ITEMS NOTE					ER FOR DEVELOP	PMEI
							· · · · · · · · · · · · · · · · · · ·						-

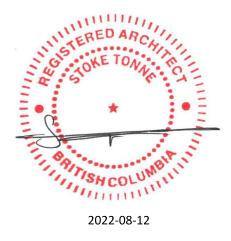
ATTACHMENT	В
This forms part of application	
#_Z22-0014	- 🔣 💥

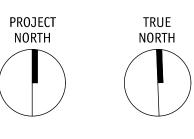




233 BERNARD AVENUE KELOWNA, B.C. VIY 6N2 TEL: 250.762.3004 FAX: 250.762.8707 EMAIL: kel-mai@shaw.ca







Copyright reserved. This plan and design is and at all times remains the exclusive property of Meiklejohn Architects Inc. and may not be used without the Architects' consent.

No.	Date	Revision
01	2022-01-28	ISSUED FOR REZONING
02	2022-08-12	ISSUED FOR REZONING REVISIONS
	1	l

Project Title

PROVINCIAL RENTAL HOUSING CORPORATION & OKANAGAN METIS ABORIGINAL HOUSING SOCIETY RENTAL HOUSING PROJECTS

KNELLER ROAD, KELOWNA BC

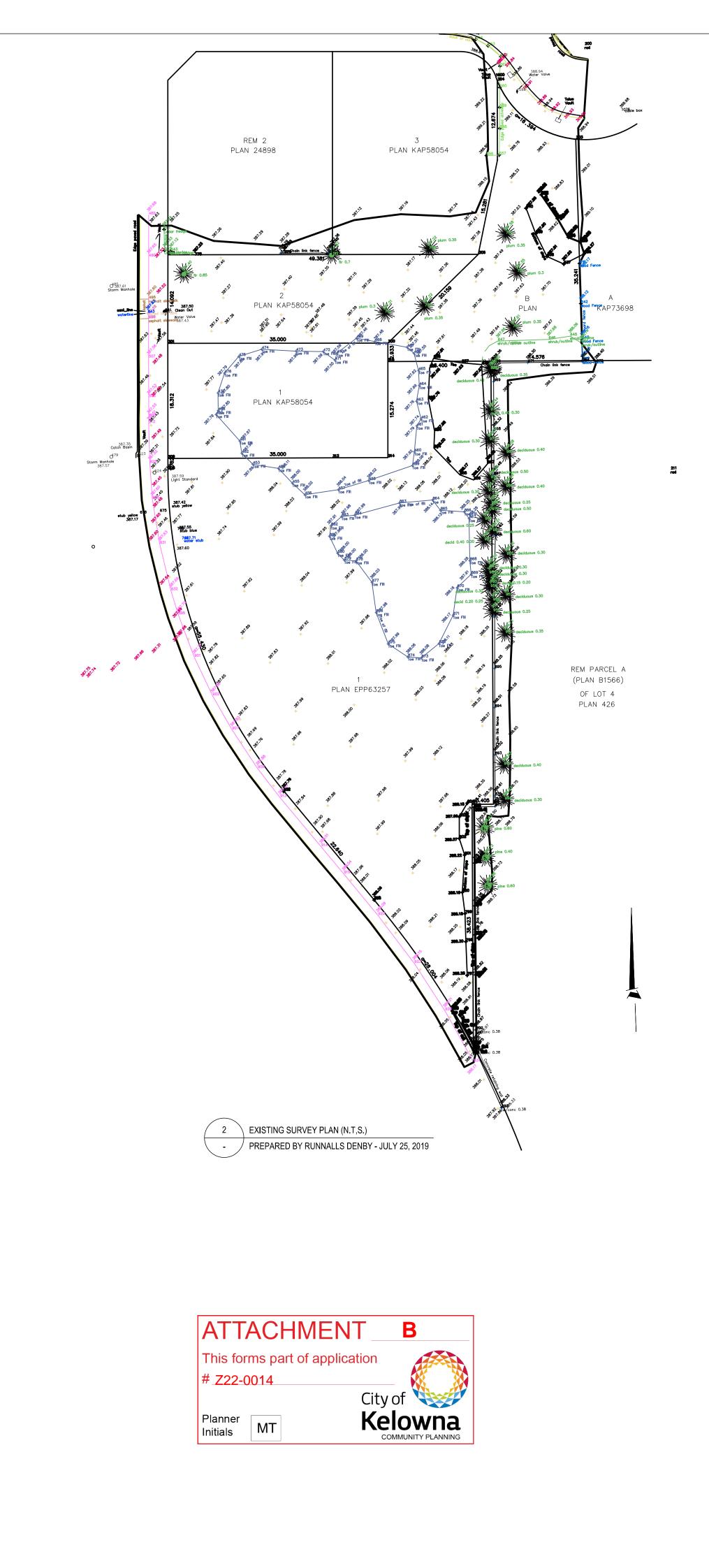
Drawing Number

A1.01

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

CONTEXT PLAN & PROJECT DATA

ob No.	m+m 19-1857
cale	AS SHOWN
rawn	ST
hecked	ST





3 PHOTO 1 (2019) VIEW LOOKING SOUTH TO SITE & NISSEN CROSSING





4 YPHOTO 2 (2019) / VIEW LOOKING NORTH TO SITE

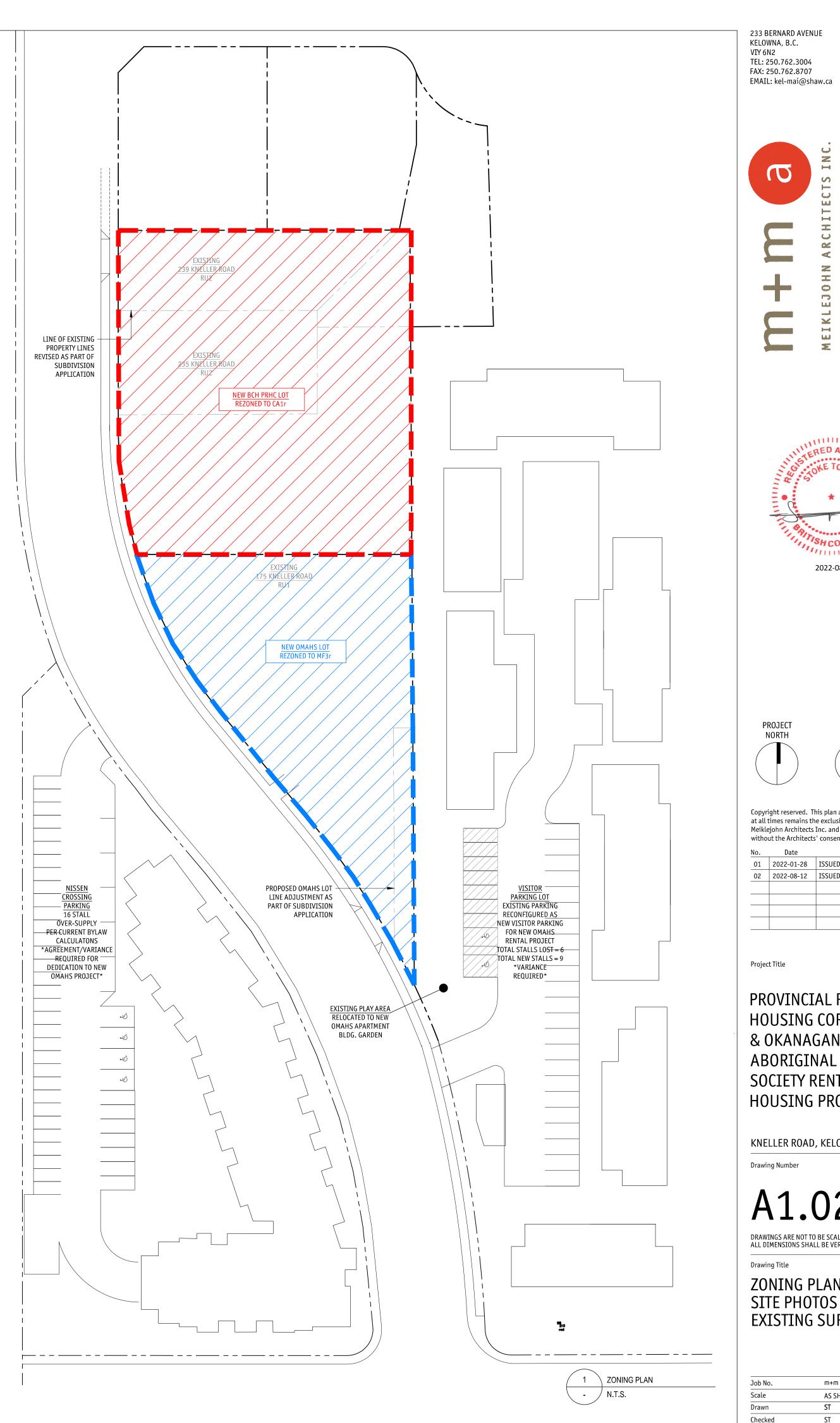


4 PHOTO 3 (2019) / VIEW LOOKING NORTH TO SITE



6 PHOTO 4 (2019) - / VIEW OF OMAHS TOWNHOUSE VISITOR PARKING





VIEW OF OMAHS TOWNHOUSE ENTRY AND PLAY AREA

> 2 AND AND 2022-08-12 PROJECT NORTH TRUI NORTH Copyright reserved. This plan and design is and at all times remains the exclusive property of Meiklejohn Architects Inc. and may not be used without the Architects' consent.
 No.
 Date
 Revision

 01
 2022-01-28
 ISSUED FOR REZONING
 02 2022-08-12 ISSUED FOR REZONING REVISIONS _____

233 BERNARD AVENUE KELOWNA, B.C.

Project Title

PROVINCIAL RENTAL HOUSING CORPORATION & OKANAGAN METIS ABORIGINAL HOUSING SOCIETY RENTAL HOUSING PROJECTS

KNELLER ROAD, KELOWNA BC Drawing Number

A1.02

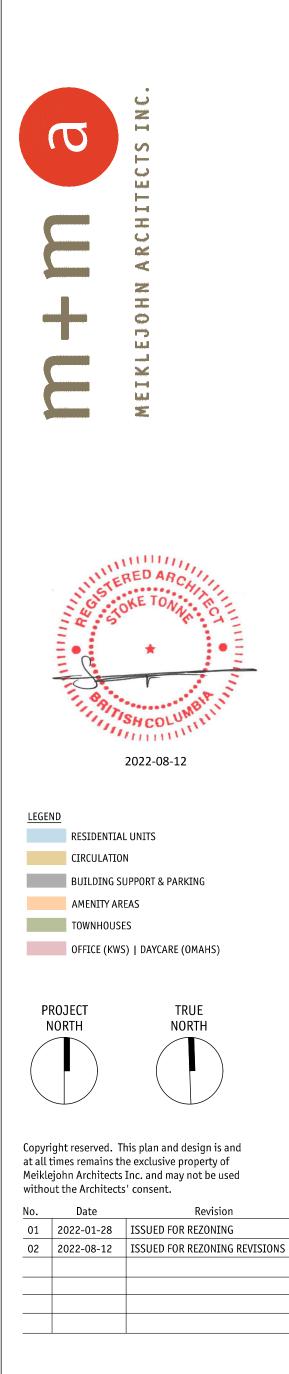
DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB Drawing Title

ZONING PLAN SITE PHOTOS EXISTING SURVEY

ob No.	m+m 19-1857
cale	AS SHOWN
rawn	ST
hecked	ST



ATTACH	IMENT B
This forms par	t of application
# Z22-0014	🕺 🕺
	City of
Planner Initials MT	Kelowna COMMUNITY PLANNING



233 BERNARD AVENUE KELOWNA, B.C. VIY 6N2

TEL: 250.762.3004 FAX: 250.762.8707 EMAIL: kel-mai@shaw.ca

Project Title

PROVINCIAL RENTAL HOUSING CORPORATION & OKANAGAN METIS ABORIGINAL HOUSING SOCIETY RENTAL HOUSING PROJECTS

KNELLER ROAD, KELOWNA BC

Drawing Number

A2.01 DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON JOB

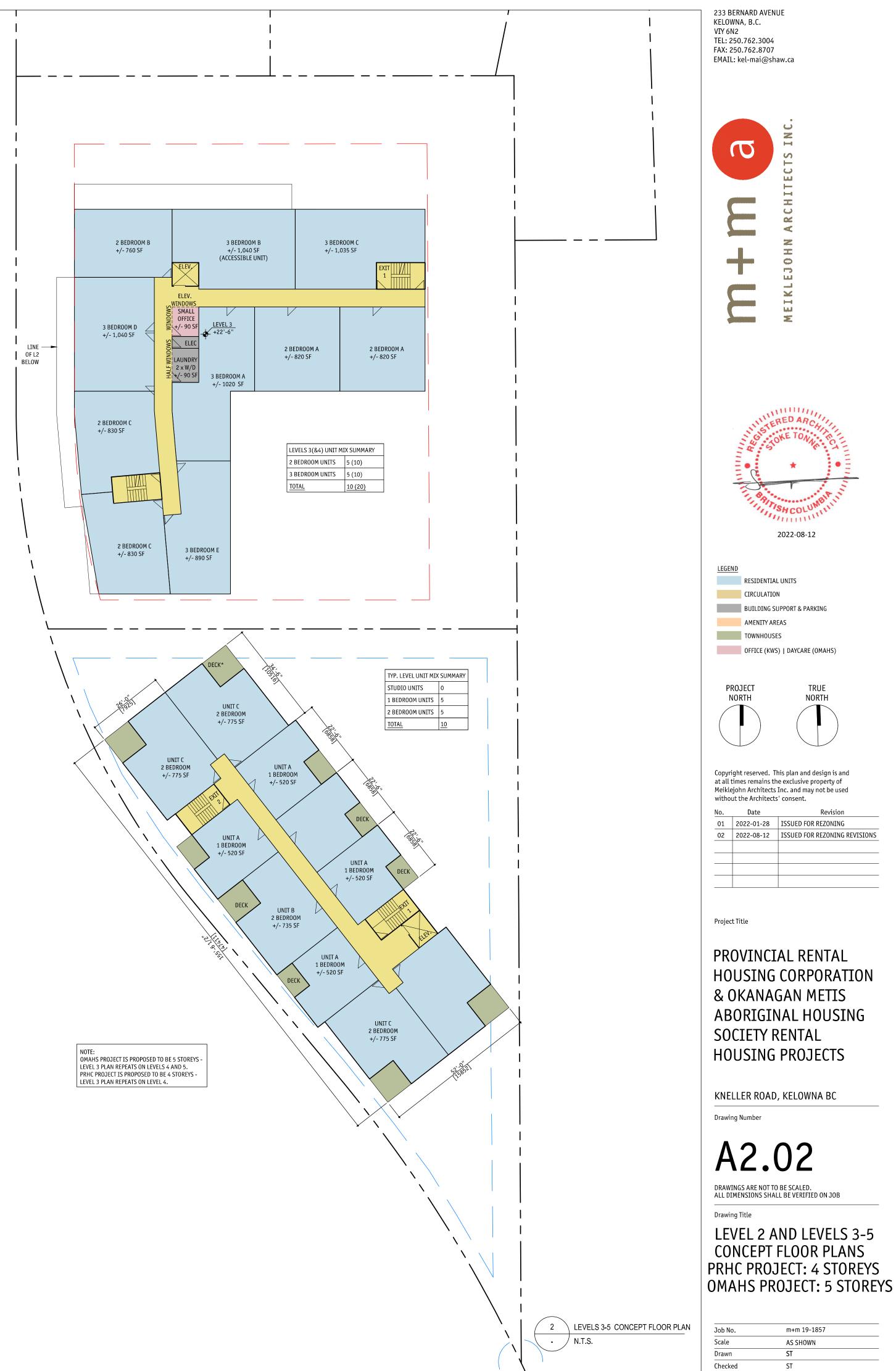
Drawing Title

LEVEL P1 AND L1 CONCEPT FLOOR PLANS

Job No.	m+m 19-1857
Scale	AS SHOWN
Drawn	ST
Checked	ST



ATTACHME	NT B
This forms part of appl	lication
#_Z22-0014	🕅 🕅
	City of
Planner Initials MT	Kelowna COMMUNITY PLANNING





Community Engagement Summary Report for

115, 175, 235 & 239 Kneller Road & 1161 Kneller Court

Kelowna



November 7, 2022

Contents

Purpose of the Report	3
Background	3
Engagement Goals	3
Engagement Overview	4
Neighbourhood Letter	4
Signage	4
Advertising	4
Let's Talk Housing Webpage	. 4
BC Housing Community Relations Email	. 5
Summary of Comments Received	. 5
Conclusion	. 5
Appendix A: Neighbourhood Letter	6
Appendix B: Map	7
Appendix C: Public Signage	8
Appendix D: Community Advertisements	10
Appendix E: Virtual Open House Presentation	11



Purpose of the Report

The purpose of this Community Engagement Summary Report is to provide an overview of the engagement that took place for 115, 175, 235 & 239 Kneller Road & 1161 Kneller Court in Kelowna. This report includes how the community members were communicated with, and any key themes resulting from the engagement.

Background

BC Housing, the Okanagan Metis and Aboriginal Housing Society (OMAHS) and the Central Okanagan Emergency Shelter Society, better known as the Kelowna Women's Shelter (KWS), are working together to provide affordable housing in Kelowna. BC Housing is currently working on the subdivision and rezoning application to build two affordable housing projects for people in need of rental housing in the region. This is part of a long-term plan to provide safe, affordable housing in Kelowna. The proposed development consists of two distinct projects.

Affordable Housing

OMAHS development will operate a five-storey building with up to 48 self-contained affordable rental homes for individuals, couples, seniors, families and students ranging from studio to 2-bedroom units. The number of homes may change depending on design discussions.

Second Stage Housing

KWS will operate a four-storey building with up to 40 self-contained second stage homes, including a range of one-to-four-bedroom units. The number of homes may change depending on design discussions.

Second stage housing is safe, affordable short-term housing with support services. Second stage housing is typically accessed by single women and/or women and their children after they have stayed in a transition house. Residents typically stay in second stage housing for six to 18 months before moving to more permanent housing. This site will offer women supports where they can take the time they need to rebuild a safer life and future for themselves, and their families.

Engagement Goals

There were three goals as part of community engagement efforts for the proposed supportive housing at 115, 175, 235 & 239 Kneller Road & 1161 Kneller Court, as outlined below.

- 1. To share information about the proposed affordable housing, the process, and associated timelines
- 2. Build awareness of the importance of, and the need for, affordable housing to support people in the local community
- 3. To listen, and respond, to questions the community may have with regards to the proposed housing





Engagement Overview

BC Housing developed a *virtual* open house presentation that was housed on a public webpage. The virtual open house included a self-guided presentation (**Appendix E**), access to background information and research documents as well as an opportunity to submit questions. The virtual open house was open for comments and questions from September 26-October 21, 2022. It will remain on the webpage for informational purposes.

Notification about the virtual open house was made available through the following mediums:

- Neighbourhood Letter
- Signage at the site
- Newspaper advertisements

Neighbourhood Letter

A neighbourhood letter was created and distributed to properties within a 50m radius of the site on September 23, 2022, by BC Housing (**Appendix A**). This letter provided information about the proposed supportive housing, including location, operations and a link to the BC Housing Let's Talk Housing website. It also included information about the selected operators, OMAHS and KWS and contact information to send questions or comments.

Signage

A sign about the rezoning was erected in two places on the site on September 22, 2022 (**Appendix B and C**). Information on the sign included:

- Rezoning application number
- Site map and addresses
- Information about the rezoning of the property mentioned
- Contact numbers for the architect and City of Kelowna Planning Department

Advertising

BC Housing placed advertisements in two local community papers. An example can be found in **Appendix D**. Placement details include:

- West Kelowna News on Wednesday September 28,2022
- Kelowna Capital News on Thursday September 29,2022
- Circulation of these two publications is 44,407 total subscribers

Let's Talk Housing Webpage

A dedicated webpage was created to share information about proposed supportive housing at 115, 175, 235 & 239 Kneller Road & 1161 Kneller and invite public feedback through an online question and comment forum.

The community was invited to visit the Let's Talk Housing webpage to find out more information about the proposed project and submit feedback. This digital platform launched September 23, 2022, at: https://letstalkhousingbc.ca/kelowna-kneller and includes the following:

- Project details
- Information about key project personnel
- Email address to ask questions
- Important links available for download include:
 - <u>Affordable Rental Housing | BC Housing</u>
 - <u>SROI Summary Report: Overview of The Social and Economic Value of</u> <u>Supportive and Affordable Housing in B.C. (ehq-production-canada.s3.ca-central-1.amazonaws.com)</u>
 - Affordable housing actions Province of British Columbia (gov.bc.ca)
 - B.C. government addressing housing affordability challenges | BC Gov News

BC Housing Community Relations Email

Contact information for a monitored inbox was included on notification and presentation materials so that community members and key stakeholders could ask questions, and offer, input on the project and receive timely responses from BC Housing staff.

Summary of Comments Received

At the time this report was created November 7, 2022, there were two questions/comments submitted to BC Housing through the Let's Talk webpage. Both questions were inquisitive in tone and themes included questions around parking and a query on how to access the virtual open house. BC Housing answered both questions in a timely manner (same day) and those individuals had no further inquiries.

The City of Kelowna has received one query regarding zoning which they answered in detail. The Let's Talk Housing page has had **114 views** since going live and the virtual open house presentation has been downloaded 15 times.

Conclusion

BC Housing allowed for a four-week period during which the community had access to the virtual open house, and an opportunity to ask questions. We are confident that the mechanisms to reach the public were sufficiently broad, and given the minimal amount of questions we are pleased that our communication has been fulsome and satisfactory.



Appendix A: Neighbourhood Letter





September 23, 2022

Dear Neighbour,

We are writing to let you know about an upcoming Virtual Open House for **115**, **175**, **235** & **239** Kneller Road and **1161** Kneller Court, as we rezone this property for use as affordable housing.

BC Housing is working with the Okanagan Metis and Aboriginal Housing Society (OMAHS) and the Kelowna Women's Shelter (KWS) on a proposal to build two affordable housing projects for those who are in need of housing support in Kelowna. This is part of a long-term plan to provide safe, affordable housing in Kelowna.

Operators

OMAHS and the Central Okanagan Emergency Shelter Society, better known as the Kelowna Women's Shelter (KWS), have each been selected as the operators for the buildings. Both providers have years of collective experience providing person-centered programs and services, including housing, to communities through the Okanagan.

To find out more information about OMAHS and KWS, please visit <u>omahs.ca</u> and <u>kelownawomensshelter.com</u> respectively.

Rezoning

The rezoning for the site will be from RU1 (Large Lot Housing) and RU2 (Medium Lot Housing) to MF3r (Apartment Housing (Rental Only)) for the OMAHS building, and CA1r (Core Area Mixed Use (Rental Only)) for the KWS building. If approved, we anticipate residents will move into the buildings in 2024. The site plan at the end of this letter outlines the change.

Virtual Open House

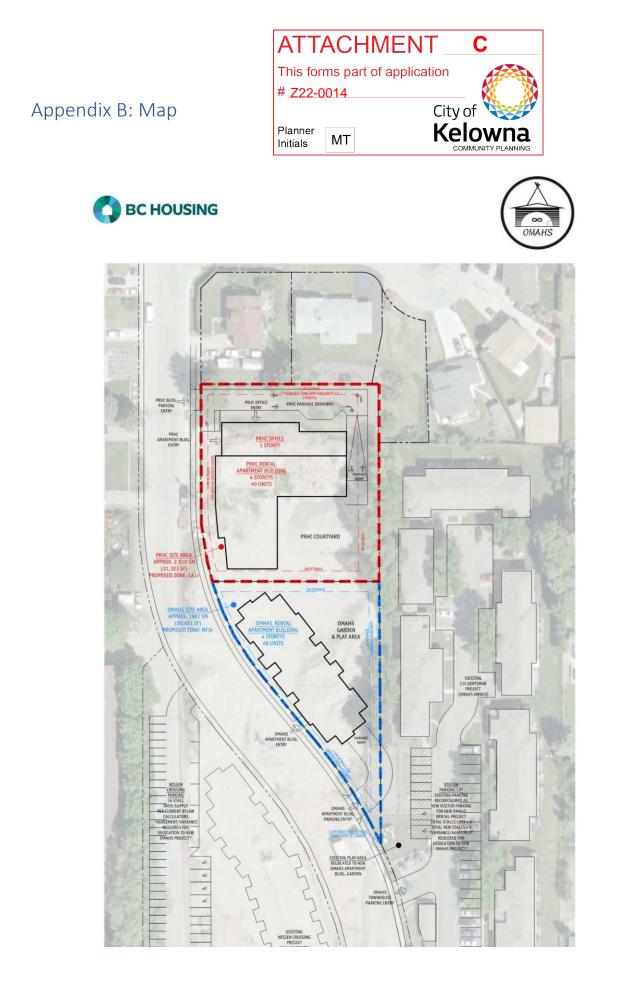
From **September 26th – October 21st**, we invite you to take part in the Virtual Open House. Visit the project "Let's Talk" page for a self-guided presentation to learn more about the proposed homes and ask questions and submit comments about the proposal. The project page can be found at: <u>letstalkhousingbc.ca/kelowna-kneller</u>.

If you have any questions, please email us at communityrelations@bchousing.org or Mark Tanner, Planner at the City of Kelowna: phone: 250-469-8589 and email: <u>mtanner@kelowna.ca</u>.

Kind regards,

BC Housing Okanagan Metis and Aboriginal Housing Society Central Okanagan Emergency Shelter Society





Appendix C: Public Signage





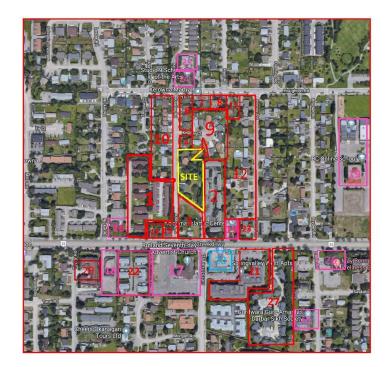


2. Units 1-28, 115 Gerstmar Rd 4. 245 Kneller Rd 5. 1161 Kneller Ct (Empty Lot)

9.1 1165 Kneller Ct 9.2 1157 Kneller Ct 9.3 1153 Kneller Ct 9.4 1149 Kneller Ct

10.1 210 Kneller Rd (Empty Lot) 10.2 228 & 230 Kneller Rd 10.3 240 Kneller Rd 10.4 250 Kneller Rd 10.5 260 Kneller Rd

13. 1220 Kneller Rd 14. Units 11-20, 170 Kneller Rd



ATTACHMEN	IT C
This forms part of applic	ation
# <u>Z22-0014</u>	🕅 🕅
	City of 😻
Planner Initials MT	Kelowna COMMUNITY PLANNING

Appendix D: Community Advertisements



Kelowna

OMMUNITY PLANN

Planner

Initials

MT

Appendix E: Virtual Open House Presentation







BC Housing provides housing along the entire continuum from shelters to affordable

What is 'affordable' rental housing?

- Affordable rental housing is housing with rents equal to, or lower than, average rates in the private market.
- Our partners use Canada Mortgage and Housing Corporation data to set rates. They may also use information from local communities to set a limit for a specific location.
- This project is funded through the Community Housing Fund, the Women's Transition Housing Fund and with our project partners.







Why is this site being developed for affordable rental housing?

- Kelowna has a shortage of affordable rental housing.
- In 2018, the City of Kelowna created the Healthy Housing Strategy which set out the priorities for the City to address the deficit in affordable housing by developing new, affordable rental units.
- This project would help move us toward that goal. The property is also central to services and transit.

What is the Women's Second Stage Housing component of this project?

- This site will offer women a continuum of affordable housing supports where they can comfortably take the time, they need to rebuild a safer life and future for themselves and their children.
- Second-stage housing provides short-term accommodation with on-site supports for single women and/or women with their dependent children leaving violence.
- Residents typically live in the units for six to 18 months before moving to more permanent housing.
- This helps women and families transition to independent living by supporting financial literacy, building self-esteem and referral services.





ATTACHME	NT C
This forms part of appli	ication
#_Z22-0014	🕅 🕅
	City of
Planner Initials MT	Kelowna COMMUNITY PLANNING

115, 175, 235, 239 Kneller Road & 1161 Kneller Court Proposed Affordable Housing



Okanagan Metis and Aboriginal Housing Society (OMAHS)

- OMAHS will be the owner and operator for the building
- They were selected through a Request for Proposals
- OMAHS is a non-profit society incorporated in August of 1986. The Society's mandate is to develop and maintain affordable and comfortable rental housing units, integrated within the urban communities of the Okanagan.
- The major objective is to make affordable rental housing available for all households of low and moderate income
- You can learn more about OMAHS <u>here</u>.



Central Okanagan Emergency Shelter Society

- The Central Okanagan Emergency Shelter Society (better known as the Kelowna Women's Shelter (KWS)) will operate the housing project for women and their children.
- This longer-term housing will provide a safe place of refuge for women and their children.
- It will serve the area boundaried by Peachland and Oyama.
- You can learn more about KWS <u>here</u>.

Resident Selection Process – Thoughtful & Thorough

Housing for families, seniors, women and children:

- In need of affordable housing
- Priority given to Kelowna residents
- BC Housing and the operators would work with local service providers to select residents
- Residents for the women's-oriented transition housing can be referred by other community agencies, organizations or self-referred



ATTACHME	NT C
This forms part of application	
# Z22-0014	🕅 🕅
	City of 🔇
Planner Initials MT	Kelowna COMMUNITY PLANNING



Resources and Information about Affordable Housing

- <u>Affordable Rental Housing Program</u>
- Social and Economic Value of Supportive and Affordable Housing in BC
- <u>Affordable Housing Actions</u>



Rezoning

- The site will be rezoned from RU1 (Large Lot Housing) and RU2 (Medium Lot Housing) to:
 - MF3r (Apartment Housing (Rental Only)) for the OMAHS building
 - CA1r (Core Area Mixed Use (Rental Only)) for the KWS building.
 - If approved, we anticipate residents will move into the buildings in 2024.



Questions or Comments?

- Submit inquiries through <u>communityrelations@bchousing.org</u> or the questions section on the Let's Talk Housing page
- For more information on how to apply for subsidized housing, visit <u>https://www.bchousing.org/housing-assistance/rental-housing/subsidized-housing</u>
- Questions for the City of Kelowna? Contact Mark Tanner, Planner: phone: 250-469-8589 and email: mtanner@kelowna.ca





