

City of Kelowna

Regular Council Meeting

AGENDA



Tuesday, June 2, 2020
7:00 pm
Council Chamber
City Hall, 1435 Water Street

Pages

1. **Call to Order**

2. **Reaffirmation of Oath of Office**

The Oath of Office will be read by Councillor Stack.

3. **Confirmation of Minutes**

Public Hearing - May 12, 2020
Regular Meeting - May 12, 2020

4. **Development Permit and Development Variance Permit Reports**

Mayor to invite anyone in the public gallery who deems themselves affected by the required variance(s) to come forward for each item.

4.1 **START TIME - 7:00 PM - Bernard Ave 560 -592 DP19-0064 and DVP19-0065 - Mission Group Holdings Ltd., Inc. No. BC0993483**

1 - 88

To consider a form and character Development Permit for a mixed-used development consisting of two towers, one residential and one office, both with ground floor commercial retail and to consider a development variance permit to increase the maximum tower height and to reduce the minimum class 2 bicycle parking stalls provided.

4.2 **START TIME - 8:00 PM - Water St 1659, DP19-0161 and DVP19-0162 - MJJ Contracting Inc., No. BC0915334**

89 - 126

To consider a Form & Character Development Permit of a six storey office and retail commercial building and to consider six variances to the Zoning Bylaw.

4.3 **START TIME - 9:00 PM - Clifton Rd 550, DP20-0017 DVP20-0096 - Ryan Peak ULC, Inc. No. A0066628**

127 - 179

To consider a Staff recommendation to NOT issue a Development Variance Permit to allow tandem parking on the subject property and NOT issue a Development Permit for the form and character of 46-unit, 3-storey townhouse development.

5. Reminders

6. Termination

REPORT TO COUNCIL



Date: June 2 2020

To: Council

From: City Manager

Department: Development Planning Department

Application: DP19-0064 / DVP19-0065

Owner: Mission Group Holdings Ltd.
Inc. No. BC0993483

Address: 560 – 592 Bernard Avenue

Applicant: Mission Group – Luke Turri

Subject: Development permit and Development Variance Permit

Existing Zone: C7 – Central Business Commercial

1.0 Recommendation

That Council authorizes the issuance of Development Permit No. DP19-0064 for Lot 1, District Lot 139, ODYD, Plan EPP96156, located at 560-592 Bernard Ave, Kelowna, BC, subject to the following:

1. The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A";
2. The exterior design and finish of the building to be constructed on the land, be in accordance with Schedule "B";
3. That the Development Permit and Development Variance Permit is issued subsequent to the outstanding conditions set out in Attachment "A" attached to the Report from the Community Planning Department dated July 25th 2017; and
4. That a building permit is not issued until the rear lane has been dedicated by 0.8m to the City.

AND THAT Council authorize the issuance of Development Variance Permit DVP19-0065 for Lot 1, District Lot 139, ODYD, Plan EPP96156, located at 560-592 Bernard Ave, Kelowna, BC. subject to the following:

1. That a Section 219 covenant be registered on title limiting the 25 compact stalls to be used by commercial or office tenants only and that the covenant ensures that the maximum vehicle dimensions that are permitted to park within the compact stall must be a maximum of 3.4m in length and 1.7m in width.

AND THAT the variances to the following sections of Zoning Bylaw No. 8000 be granted:

Section 14.7.5(a) – C7 Central Business Commercial - Development Regulations

To vary the maximum height from 76.5m (approx. 26 storeys) to 106m (34 storeys).

Section 8 Table 8.5 – Minimum Bicycle Parking Required

To vary the minimum amount of Class 2 bicycle parking stalls from 74 bikes to 17 bikes.

AND THAT the applicant be required to complete the above noted conditions of Council's approval of the Development Permit and Development Variance Permit applications in order for the permits to be issued;

AND FURTHER THAT this Development Permit and Development Variance Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend.

2.0 Purpose

To consider a form and character Development Permit for a mixed-used development consisting of two towers, one residential and one office, both with ground floor commercial retail and to consider a development variance permit to increase the maximum tower height and to reduce the minimum class 2 bicycle parking stalls provided.

3.0 Development Planning

When assessing the merits of a tall building projects, Staff break the design into three components: the base of the building called the podium; the middle of the building largely consisting of the towers; and the top of the buildings as it relates to Kelowna's skyline. For this project, Staff have divided the form and character comments in relation to the residential tower, the office tower, the base podium, and overall Development Variance Permit considerations. Overall, Staff are recommending support for these permits as this project should contribute positively to the revitalization and intensification of Bernard Avenue and the downtown core in general.

3.1 Development Permit – Podium

From a design perspective, the *size and scale* of the podium is supposed to help tall buildings fit harmoniously within the streetwall context and to define the edges of the adjacent streets. This proposed development will front on to three downtown streets, principally Bernard Avenue, which is why a strong pedestrian interface is critical. The regulation within the C7 zone limiting podium heights to a maximum of 16m before further setbacks are required are crucial design components of any high-profile tower project in order to:

1. ensure the podium is not over-bearing or too dominate;
2. has appropriate human scaled street proportions;
3. maintain a reasonable amount of sunlight (at least 5 hours);
4. includes a quality retail experience at-grade along the streets; and
5. ensure some skyviews above the podium are viewed by the pedestrian from the opposite side of the street.

A significant design challenge in downtown Kelowna is within the upper floors of the podium. Best practice in urban design is to ensure there are *active uses* (office, commercial, or residential space) integrated along the street interface to ensure direct line of sight between the building and the street to prevent the feeling of isolation on the street level as well as to provide activity and engagement.



Due to the applicant's proposal to accommodate parking in the podium without the provision for underground parking has resulted in active frontages being limited to the at-grade portion of the podium, with the parking structure exposed on floors 2 to 4. This is a concern to Planning Staff, not only from a use perspective, but also from a form and character perspective as large parking podiums generally lead to a rigid building form. When active frontages are not able to be accommodated within the podium, the parking structure should be screened using architectural and / or landscaped elements. The applicant has proposed a mitigating strategy based on architectural treatment and detailing which is outlined within their design rationale (attached to this report).

Due to the scale and massing of the podium along the length of the Bernard Ave frontage (100m from St. Paul Street to Bertram Street), Staff encouraged the applicant to utilize several sub-forms and various horizontal elements in order to provide visual diversity and intrigue. The applicant's final design is consistent with this goal and provides a different podium design for the office portion, the residential portion, and the transition between the two areas.

The ground floor includes active street related commercial and retail uses while designing an appropriately scaled residential lobby feature along Bertram Street. Large canopies are designed to provide weather protection (both rain and sun shade) along the frontages. Additional retractable shade awnings are included at their outer edge offering further shading, providing retailers the opportunity to obscure the line between indoor and outdoor space during warmer months. Both street intersections at Bernard/St. Paul and Bernard/Bertram have provided the necessary corner cut as regulated in the C7 zone and associated architectural features to enhance the sidewalk and pedestrian environments.



The applicant has added a water art feature inspired by the Okanagan's agricultural flume systems at the corner of St. Paul Street and Bernard Avenue. All these ground floor elements will complement the City's investment in Bernard Avenue and will enhance the city's "Main Street".

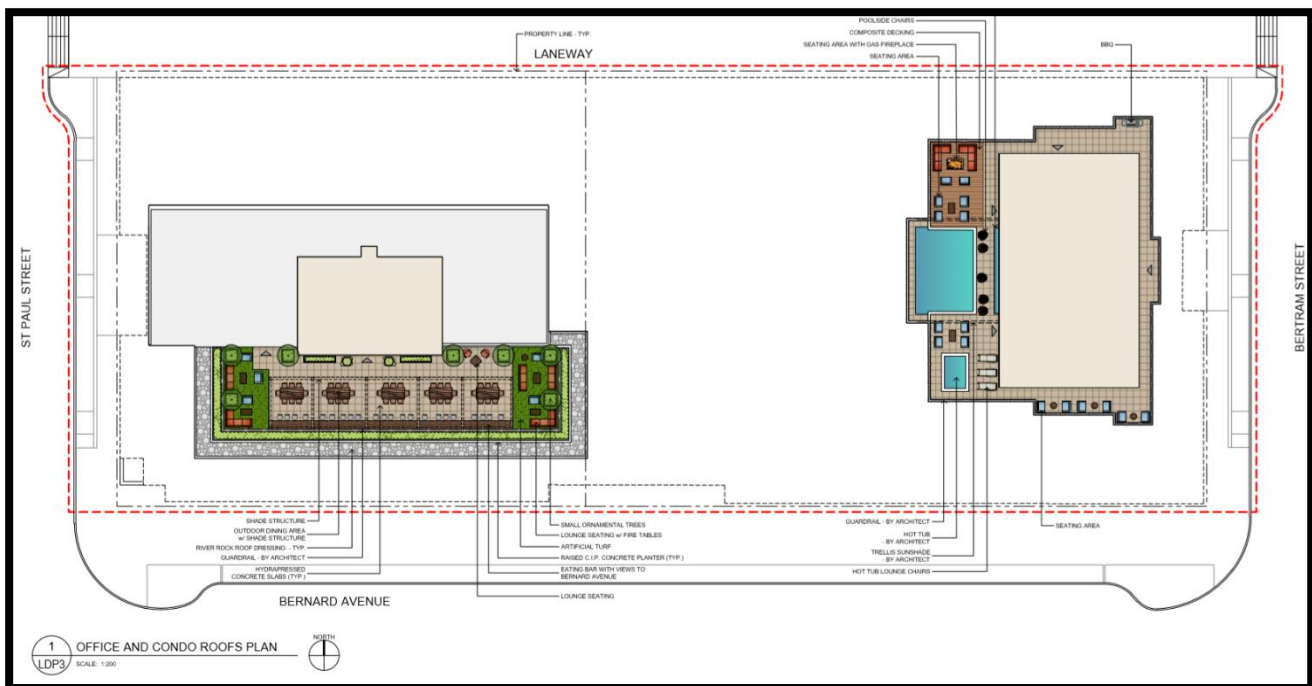
3.2 Development Permit – Residential Tower

The proposed design for the top of the residential tower will contribute positively to Kelowna's skyline with a unique top three floor design that provides an architectural break and visual interest. The City's main design objective is to avoid towers that appear 'chopped off', have flat roofs and do not have adequate articulation. The residential tower provides the necessary visual interest by providing a rooftop area designed for common amenity space and a landscaped roof. As compared to other residential towers, this design is much better as the rooftop amenity area precludes the use of the rooftop for large mechanical systems that then needs to be screened from view. Overall, the rooftop amenity area will increase the functionality and visual interest of the top of the tower when viewing it from street level and provide more livable outdoor space to the residents of the building.

The 'middle' of the tower contains window wall system that provides balconies and window placement at regular intervals to provide for a visually interesting tower. The tower is primarily clad with 'white timid' coloured concrete with 'revere pewter' accents. The top three floors of the tower have a much darker tone of coloured concrete to provide that visual transition between the middle of the tower and the top.

The tower and balcony placements are oriented toward the west to create a feeling that the building is 'facing the lake'. However, the architectural treatment along Bertram Street has more vertical features but is still visually interesting meeting the necessary design guidelines for balcony and window rhythms.

The City's design guidelines are consistent with many other Canadian cities including restricting tower floorplates for tall buildings within the range of 650 to 750 m². This creates a slender tower form minimizing overall building mass and scale in order to mitigate the visual / physical impact and the three-dimensional



massing tall buildings have on the surrounding streets, parks, open space, and properties. The applicant's proposed tower floorplates are 650m² which is within the recommended tower floorplate area.

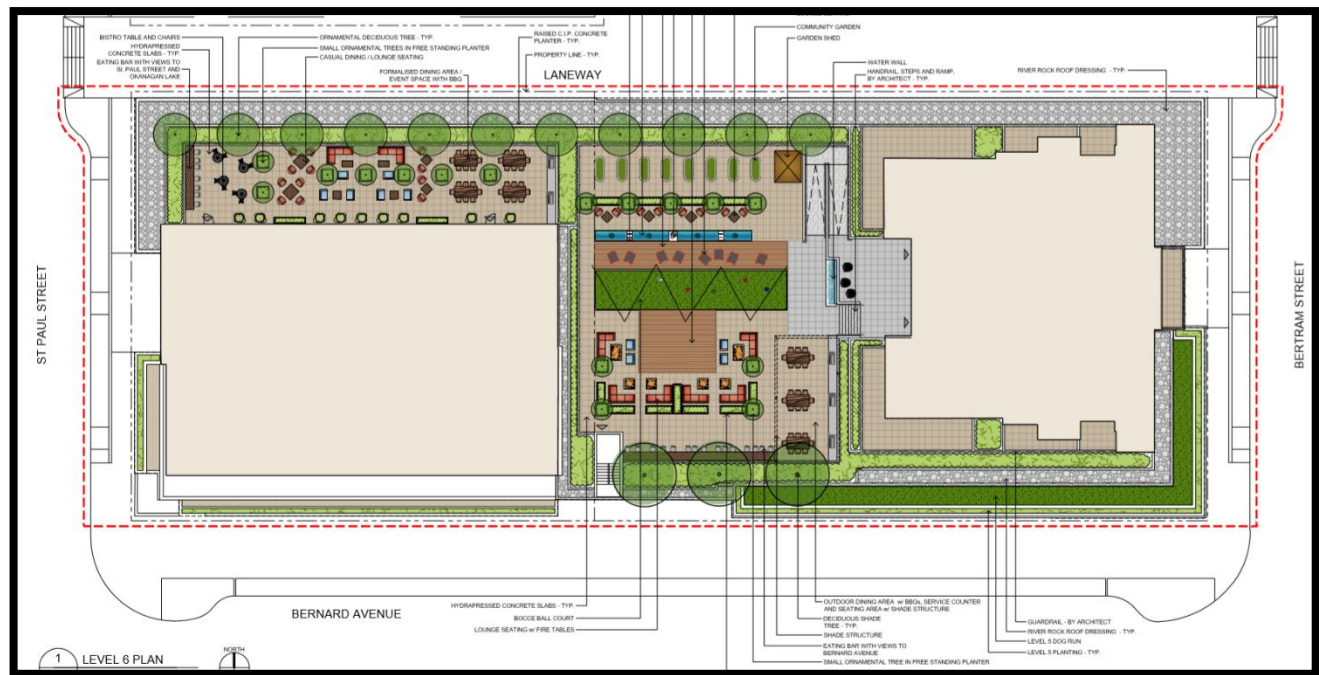
When adequately separated, slender, point form towers with compact floor plates cast smaller shadows, improve sky view, permit better views between buildings and through sites and contribute to a more attractive skyline. Staff confirmed with the applicant that the same tower footprint could be placed immediately south of the proposal on Bernard Ave and meet all the required setbacks including the 30m tower separation setback.

3.3 Development Permit – Office Tower

The office tower will be clustered together with the residential tower to the east and the Brooklyn tower to the north. The office tower will be of prominence along Bernard Avenue especially for pedestrians walking eastwards. The building will be constructed of a curtain wall system typical of office construction with ample glazing. The opaque glazing is proposed to have a light blue tint providing a lighter building interface as compared to the darker office glass towers of Landmark 3, 4, and 5.

There is a significant rooftop area dedicated to the building's mechanical systems. Staff have asked the applicant to provide additional detail to the screening of this mechanical equipment to ensure an aesthetically pleasing top of the building is incorporated into the design. The screening will be an extension of the curtain wall of the office consisting of opaque glazing and aluminum providing a unified look to the overall building.

The tower has an angle feature at the St. Paul/Bernard intersection to increase visual interest and increase the building's complexity. The floorplate for the office tower is relatively large in comparison to the typical residential floorplate at 890m². The nature of office developments tends to desire larger floorplates for functional internal office space per floor. This bulkier building form can be supported in this case because the overall height of the tower is at 17 storeys, lower than the two other adjacent residential towers; and due to its location on the north side of Bernard Avenue does not present major shadowing impacts other than on the two adjacent residential towers. Overall, the office tower is an important land use objective of locating significant employment floor area within the downtown area.



3.4 Development Variance Permit

The proposal requires two variances to the Zoning Bylaw:

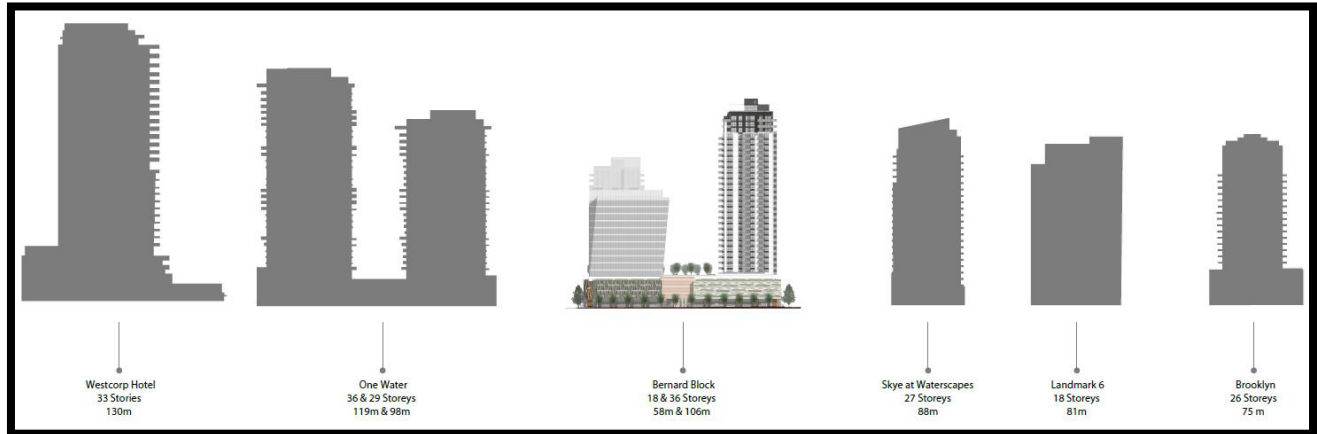
1. A variance to increase the maximum building height from 76.5m to 106m.
2. A variance to decrease the minimum Class 2 bicycle parking stalls from 74 bikes to 17 bikes.

The OCP encourages high density commercial and residential living in the downtown in order to limit growth on the periphery of the community, increase efficiency of municipal services and infrastructure, and increase downtown's vibrancy. The Official Community Plan and the Zoning Bylaw designate this site and surrounding area as the location in which the tallest buildings in the City of Kelowna are permitted. Increasing the maximum height limit on the residential tower in this circumstance can be justified because:

1. the location of the towers are well setback from the lake and are outside the cultural / historical sensitivities along the first three blocks of Bernard Avenue to Ellis Street;
2. the office tower with its larger floorplate is below the maximum height limit;
3. both towers designs meet the urban design guidelines;
4. podium heights are within the maximum outlined in the C7 zone;
5. tower floorplates are appropriate in context; and
6. all the statistics derived from the total commercial floor area, office floor area, and number of residential units are within the maximums outlined within the Zoning Bylaw including the total number of vehicular parking spaces and number of bicycle parking spaces (except short term bicycle parking).

In fact, according to the calculations which can be viewed in Section 4.3 Zoning Analysis, the overall project has excess parking relative to the other factors. The applicant chose to develop in this manner because they anticipate the demand for office parking to remain relatively strong over the short term and the anticipated transportation modal split in Kelowna not to be large enough.

This proposal was submitted prior to the parking regulations being updated; therefore, the applicant has chosen to be grandfathered into the old regulations. This results in a variance necessary in the number of short-term bicycle parking spaces provided from 74 spaces to 17 spaces. Staff requested that the applicant provide 36 spaces as that is what the new regulations would require. However, the applicant chose to focus on the long-term bicycle parking by providing 262 long term bicycle parking spaces while the new parking regulations would only require 212. Further, at Staff's request the applicant amended their plans to include End-of-Trip facilities (change rooms, showers, and storage lockers for active transportation convenience) which were not requirements of the former parking regulations.



The proposal meets almost all the new parking regulations and the main reason the applicant requested the grandfathered regulations is the provision of compact car parking stalls. There are 25 compact car sized parking spaces (2.0m wide by 3.4m in length) which represent about 5% of the overall 462 parking stalls. After a number of projects over the last 8 years (length of time that the Zoning Bylaw permitted compact car parking size) proved the unviability and large number of complaints, Staff recommended and Council concurred that compact car sized parking stalls should be eliminated. The average compact car is 1.73m to 1.82m wide and 4.11m to 4.37m long¹. Due to conflict these parking stalls create and despite the applicant's disagreement, Staff are recommending that a Section 219 restrictive covenant be placed on the property limiting the use of the compact parking stalls. The restriction recommended is that the compact parking stalls be only used for the office and commercial development not the residential or the visitor stalls as the residential dwelling units are for sale and future owners should not be burdened with the use of these stalls. Further, the applicant stated that certain commuters may use motorcycles and other small vehicles. This is where the last restriction is also recommended that the use of the compact vehicle stalls must be only used by vehicles that are less than 3.4 m in length and less than 1.7m in width. This will protect any future leasee of commercial or office space from unknowingly acquiring a very restrictive parking stall.

Staff have provided an alternate recommendation does not include the addition of the restrictive covenant as requested by applicant.

4.0 Proposal

4.1 Background & Context

The redevelopment of "Bernard Block" provides the opportunity to extend and solidify the successful transformation and revitalization of Bernard Avenue. The previously approved development applications in

¹ <https://anewwayforward.org/average-car-length/>

the area include the Town Centre Mall upgrade and renovation, 'The Brooklyn' tower, and 'The Ella' tower. All those projects are under construction now.

The site has a total area of 4,116.4m² (44,310.3 ft²) and is bounded by Bernard Avenue to the south, St. Paul Street to the west, a public laneway to the north, and Bertram Street to the east. Bertram Street to the east constitutes a primary residential street, with a few single-family homes and predominantly two to four storey multifamily residential apartment buildings. It is characterized as a tree-lined street with a pleasant residential quality. A small commercial building wraps the corner to the east and continues the commercial "High Street" quality of Bernard Avenue.

St. Paul Street to the west continues with a commercial wrap of Bernard Avenue up toward the north. A commercial frontage has been continued along St. Paul Street with the first phase of the Bernard Block development ("Brooklyn" at 1471 St. Paul Street) immediately to the north, across the lane. This development is comprised of a 25-storey residential mixed-use complex, with a four storey podium along St. Paul, and a five storey podium to the rear.

Bernard Avenue in this area is primarily comprised of one to three storey commercial buildings, with retail functions at grade. The laneway to the north functions to serve garbage and loading requirements, while offering additional parking for these uses, and is proposed to maintain that principle use.

4.2 Project Description

Architecturally the development has been separated into a hierarchy of discreet and contrasting forms. The form and character of these components are intended to present an elegant, clean and contemporary expression to this area of Bernard Avenue.

The applicant is seeking approval of a form and character Development Permit and a Development Variance Permit for a mixed-use project including commercial, an office tower, and a residential tower along Bernard Avenue between St. Paul Street and Bertram Street.

Podium

The active ground floor level has been highly articulated and further characterized by multiple recessed entries, extending the urban character of the Bernard Avenue streetscape. Numerous retail entries provide opportunities for spill-out spaces onto Bernard Avenue's generous sidewalks, attracting a variety of retail services such as food stores, boutique shops, cafés and service orientated businesses. A large canopy of high opacity provides water protection and sun shade for most of the year, while additional retractable shade awnings located at their outer edge offer further shading, providing retailers the opportunity to obscure the line between indoor and outdoor space during warmer months.

The overall design objectives for the commercial retail areas is to attract goods and services tailored to the specific needs of this mixed-use neighbourhood, in an environment that is convenient, service-oriented, pedestrian-scaled and connected to the urban lifestyles of the neighbourhood residents.

A feature 'water flume element' will be located at the southwest corner of the podium. This element is intended to be iconic in nature and artfully conceived, captivating pedestrians, and becoming a meaningful reference for an emerging new downtown "Bernard District".

Residential Tower

The residential tower, with its stacked balconies, window elements and smaller floorplate, is intended to exaggerate its vertical expression as a contrast to its strong horizontal base. While the general intention is to attract one's attention to the top of the building, where a common and evening-lit amenity area exists for owners use, the emphasis is on creating a vertical gesture. An interesting fenestration pattern draws attention to the east façade and similarly emphasizes the building's verticality, creating interest moving westward along Bernard Avenue. The residential tower will use Guardian SNX 51/23 Low 'E' glazing with warm edge spacers and Argon gas infill, CoG SHGC 0.23.

Office

The office building, as the lowest form in this composition of elements, uses an office floor plate size of 1,000 m² (10,000 ft²), and has a slender aspect as seen from Bernard Avenue to the west. It benefits from its own semi-private roof terraces and has direct access to both the common podium level terraces and the residential tower itself. The southern face of the office building intentionally angles back to draw attention to the important southwest corner of the podium, as well as create a more interesting contemporary form. The glazing provided will be typical of office towers consisting of fairly high reflectivity and shading coefficient for high energy performance.

Subject Property Map: 560 - 592 Bernard Ave





4.3 Zoning Analysis Table

Zoning Analysis Table					
CRITERIA	C7 ZONE REQUIREMENTS		PROPOSAL		
For portion of building between 0.0 metres & 16.0 metres in height					
Front, Flanking, & Lane Setback	0.0 m		0.0 m		
For portion of building between 16.0 metres & above in height					
			Podium	Condo Tower	Office Tower
Front Yard Setbacks (Bernard Avenue)	3.0 m		n/a	6.2 m	4.2 m
Flanking Street Setbacks (Bertram Street)	3.0 m		n/a	4.2 m	60.7 m
Flanking Street Setbacks (St. Paul)	3.0 m		n/a	70.8 m	3.0 m
Lane Setbacks	3.0 m		n/a	3.2 m	12.3 m
Floorplate	1,221 m²		n/a	650 m²	890 m²
Development Regulations					
Height	Podium	Tower	Podium	Condo Tower	Office Tower
	16.0 m / approx. 4.5 stories (unless Bldg steps back)	76.5 m / approx. 26.0 storeys	16.0 m / 5 stories	106 m 34 storeys ❶	62.2 m 17 storeys
Corner Cut Setback	4.5 m		4.5 m		
FAR	9.0		6.0		
Parking Regulations					
Minimum Parking Requirements – Old Regulations	421 Total Parking Stalls (257 stalls for residential units 36.7 stalls for visitors 18.6 stalls for commercial 108 stalls for office)		468 Total Parking Stalls (257 stalls for residential units 37 stalls for visitors 19 stalls for commercial 155 stalls for office)		
Ratio of Parking Stalls	Compact Size: 10% Max Medium Size: 40% Max Regular Size: 50% Min		Compact Size: 5.3% (25 stalls) Medium Size: 39.1% (183 stalls) Regular Size: 55.5% (251 stalls)		
Minimum Bicycle Parking Requirements	Class 1: 144 bikes Class 2: 74 bikes		Class 1: 262 bikes Class 2: 17 bikes ❷		
Other Regulations					
Minimum commercial / lobby	Min 90%		➤ 90%		
❶ A variance to increase the maximum building height from 76.5 m to 106 m. ❷ A variance to decrease the minimum Class 2 bicycle parking stalls from 74 bikes to 17 bikes.					

Required Parking - Old Grandfathered Regulations

Dwelling Unit Types				Vehicular Parking							Bicycle Class 1 Long-Term			Bicycle Class 2 Short-Term			Total Bicycle Stalls
Studio	1 bed	2 bed	Total Dwelling Units	Residential Parking	Visitor Parking	Commercial Area (m²)	Commercial Parking	Office (m2)	Office Parking	Total Parking	Residential	Commercial	Total Long Term stalls	Residential	Commercial	Total Short Term stalls	
50	83	124	257	257.0	36.7	1,434.50	18.65	8248.10	107.23	419.6	128.5	19.4	147.9	25.7	58.1	83.8	231.7

Required Parking - Current Regulations

Dwelling Unit Types				Vehicular Parking							Bicycle Class 1 Long-Term			Bicycle Class 2 Short-Term			Total Bicycle Stalls
Studio	1 bed	2 bed	Total Dwelling Units	Residential Parking	Visitor Parking	Commercial Area (m²)	Commercial Parking	Office (m2)	Office Parking	Total Parking	Residential	Commercial	Total Long Term stalls	Residential (6 per entrance)	Commercial (6 per entrance)	Total Short Term stalls	
50	83	124	257	238.7	36.0	1,434.50	12.91	8248.10	74.23	361.8	192.8	19.4	212.1	6.0	30.0	36.0	248.1

Bernard Block's Proposed Parking

Dwelling Unit Types				Vehicular Parking							Bicycle Class 1 Long-Term			Bicycle Class 2 Short-Term			Total Bicycle Stalls
Studio	1 bed	2 bed	Total Dwelling Units	Residential Parking	Visitor Parking	Commercial Area (m²)	Commercial Parking	Office (m2)	Office Parking	Total Parking	Residential	Commercial	Total Long Term stalls	Residential	Commercial	Total Short Term stalls	
50	83	124	257	257.0	37.0	1,434.50	19.00	8248.10	155.00	468.0	182.0	80.0	262.0	6.0	11.0	17.0	279.0

5.0 Current Development Policies

5.1 Kelowna Official Community Plan (OCP)

Chapter 14: Land Use Designation Massing and Height.²

- Mitigate the actual and perceived bulk of buildings by utilizing appropriate massing, including:
 - Architectural elements (e.g. balconies, bay windows, cantilevered floors, cupolas, dormers);
 - Visually-interesting rooflines (e.g. variations in cornice lines and roof slopes);
 - Step back upper floors to reduce visual impact;
 - Detailing that creates a rhythm and visual interest along the line of the building;
 - Wall projections and indentations, windows and siding treatments as well as varied material textures should be utilized to create visual interest and to articulate building facades;
 - Building frontages that vary architectural treatment in regular intervals in order to maintain diverse and aesthetically appealing streets.

Chapter 14: Tower Design.³

- Design towers that are sited, shaped, and oriented along their longest axis in order to enhance the views to and through the skyline;
- Incorporate tower forms and the upper portions of buildings as integral yet distinct elements of the overall building design. Tower tops are encouraged to have trellising and roof projections that are fundamental expressions of the building structure and contain substantial landscaping;
- Evaluate tower buildings with respect to their compatibility with surrounding structures and contribution to the general skyline. Tower design should contemplate:
 - Colour, reflectivity, shape, materials, detailing, and ease of maintenance;
 - Generally, lighter-coloured buildings are preferred;
- Incorporate architecture that expresses a slender verticality, particularly in its upper elements. Design buildings greater than ten floors that are tall, slender towers rather than bulkier towers of the same floor space ratio;
- Design new buildings to take into account microclimatic effects, including shading of adjacent areas (i.e., reduce the casting of long shadows on high volume pedestrian areas) and wind tunneling;
- Integrate new developments with the established urban pattern through siting and building design by utilizing transitional structures, setbacks, landscaping, etc.;
- Enhance large, flat expanses of roof (whether actively used or not) with texture, colour, and/or landscaping where visible from above or adjacent properties;
- Enhance towers with elements such as gazebos, trellises, and pergolas providing visual interest and usability of rooftop spaces;
- Incorporate balconies into building design as outdoor rooms rather than as appendages to a building's mass. Recess balconies a minimum depth of 1m within the adjoining building face;
- Design podiums to provide an animated pedestrian environment with the use of street wall massing, articulation, and overall design. Podiums should highlight their active uses and disguise any parking or ancillary uses.

² City of Kelowna Official Community Plan, Chapter 14 Urban Design Development Permit Areas, Guidelines

³ City of Kelowna Official Community Plan, Chapter 14 Urban Design Development Permit Areas, Guidelines

6.o Application Chronology

Date of Application Received: March 4th 2019
Date MOTI approved Traffic Study: March 5th 2020
Date Public Consultation Completed: April 1st 2020

Report prepared by: Adam Cseke, Planner Specialist
Reviewed by: Terry Barton, Development Planning Department Manager
Approved for Inclusion: Ryan Smith, Divisional Director, Planning & Development Services

Attachments:

Design Rationale

Technical Comments

Attachment A: Development Engineering Memo

Draft Development Permit and Development Variance Permit



DP19-0064 & DVP19-0065 560-592 Bernard Ave

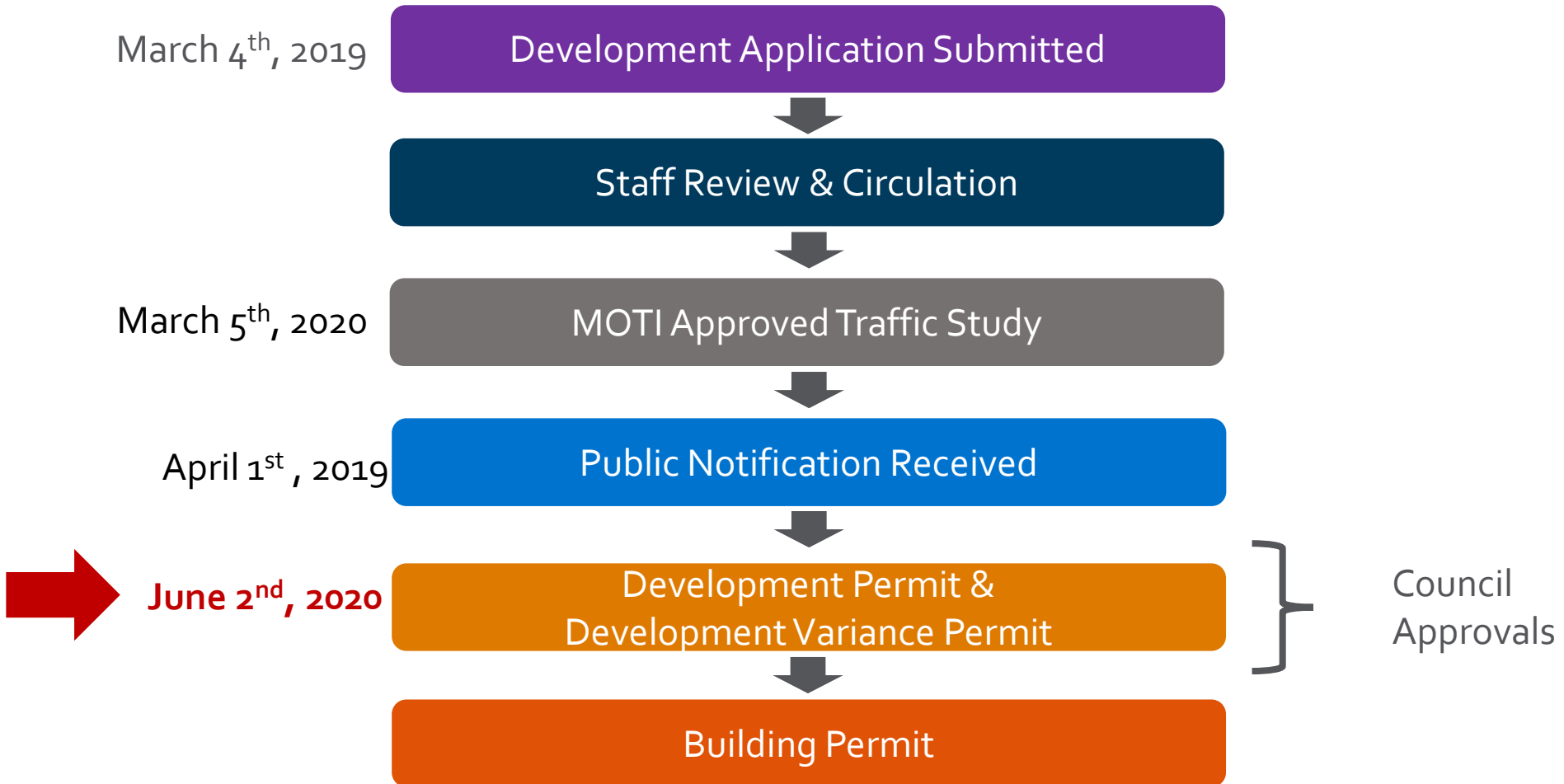
Development Permit Application & Variances



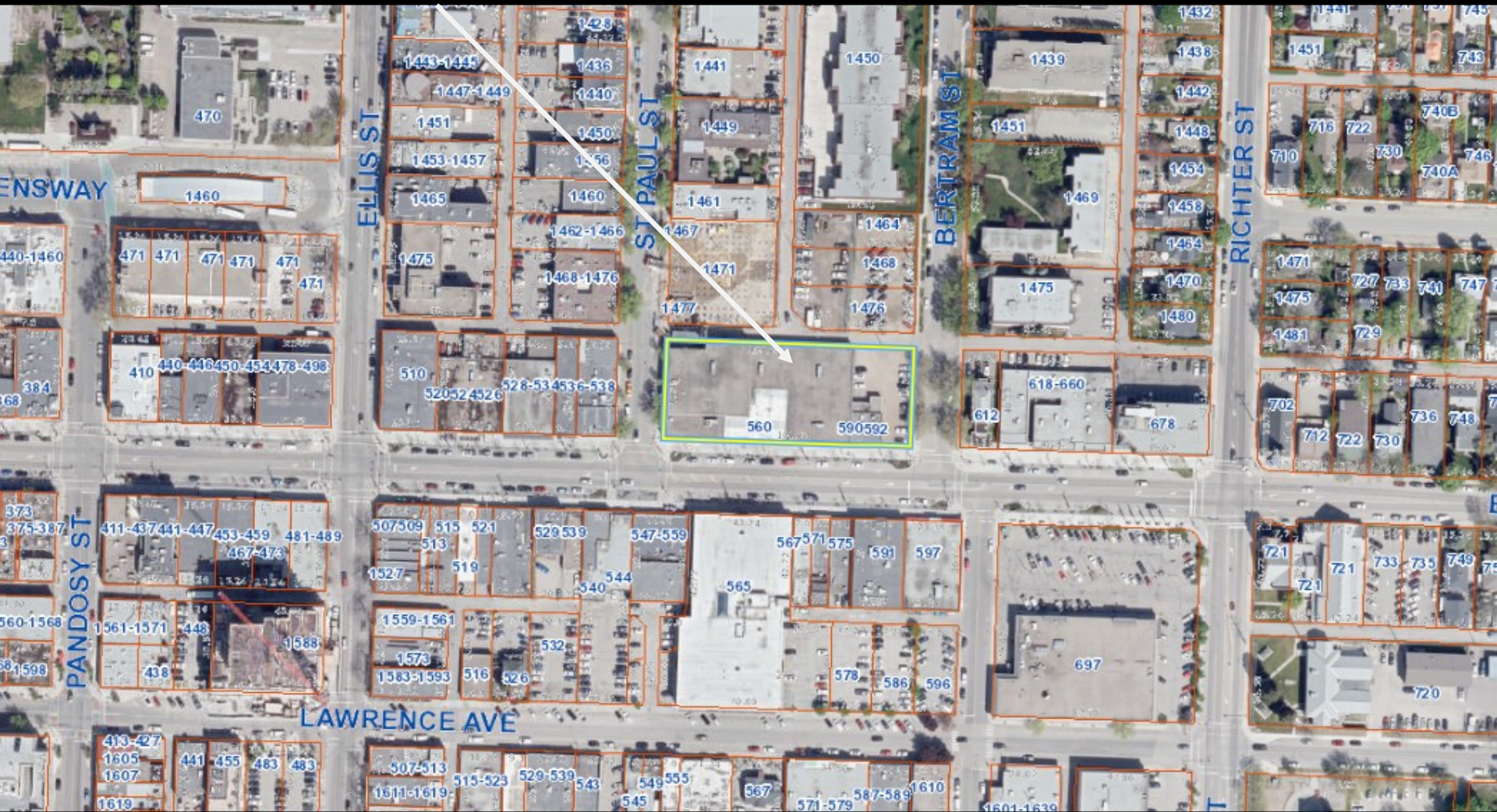
Purpose

- ▶ To consider a form and character Development Permit for a mixed used development consisting of a residential tower, an office tower, and ground floor commercial retail and to consider a development variance permit to increase the maximum tower height and to reduce the minimum class 2 bicycle parking stalls provided.

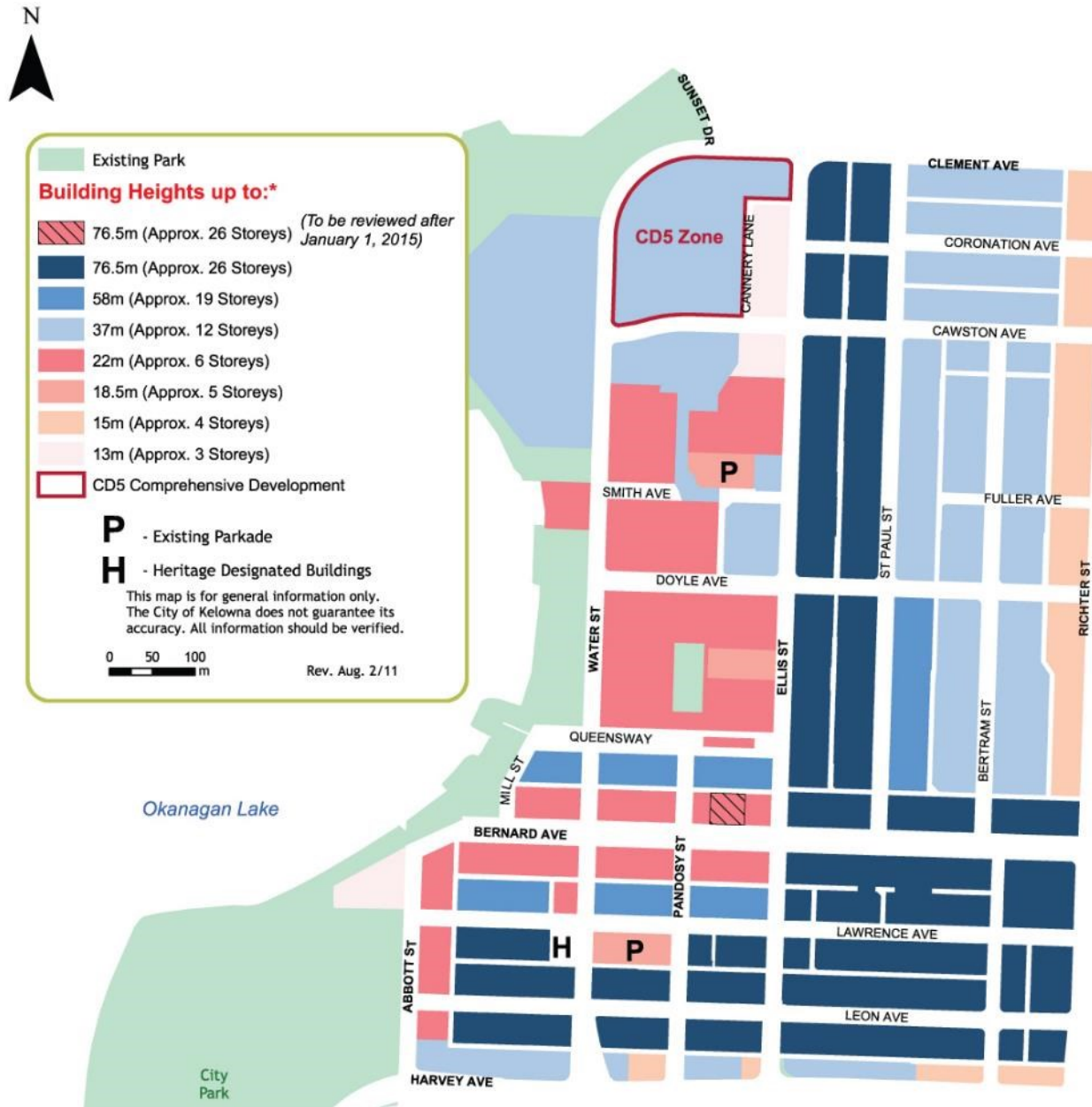
Development Process



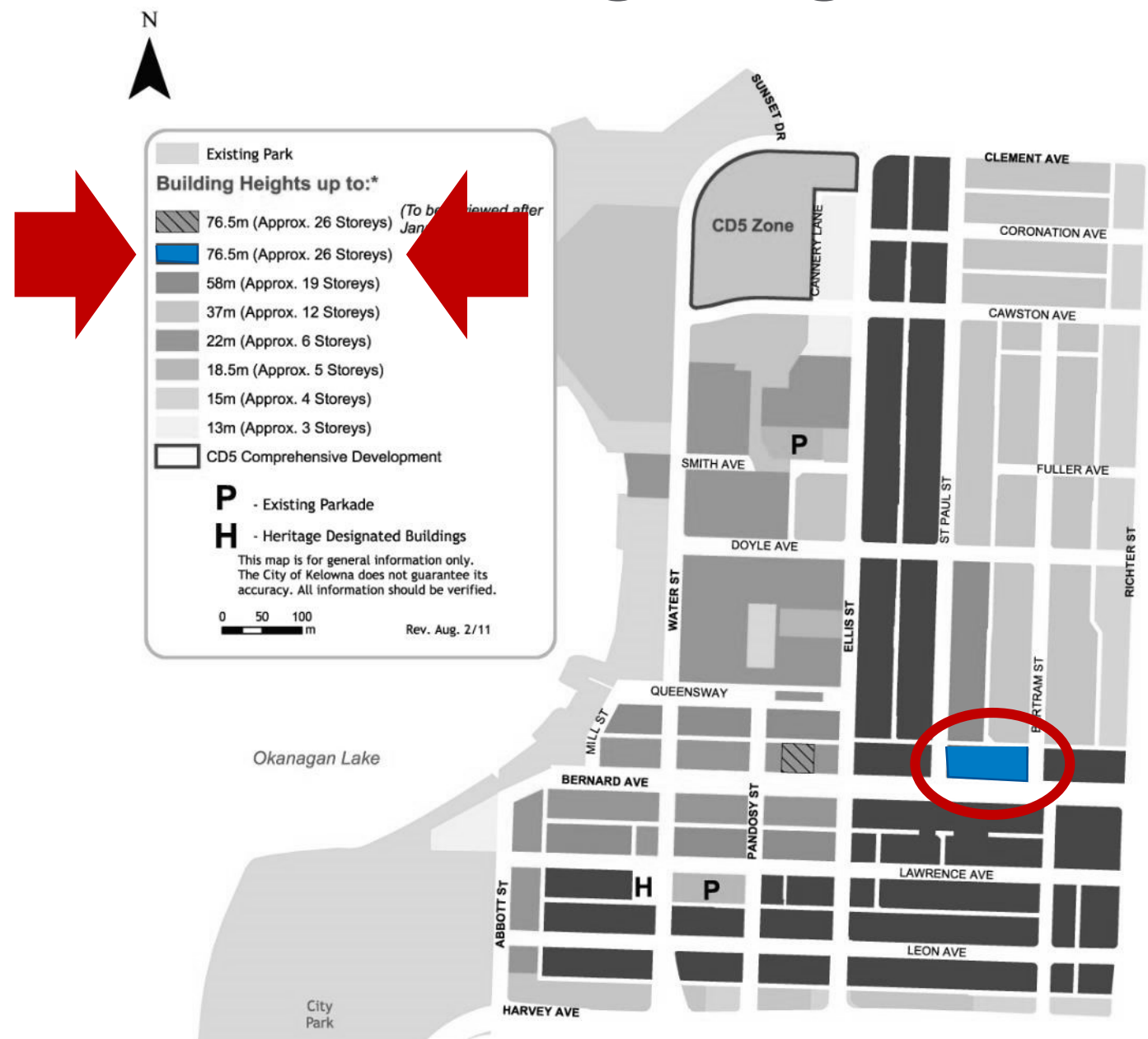
Subject Property



Downtown Building Heights



Downtown Building Heights



Downtown Building Heights



Tall Building Design Considerations



} Top



} Middle /
Tower



} Podium

Project Differences

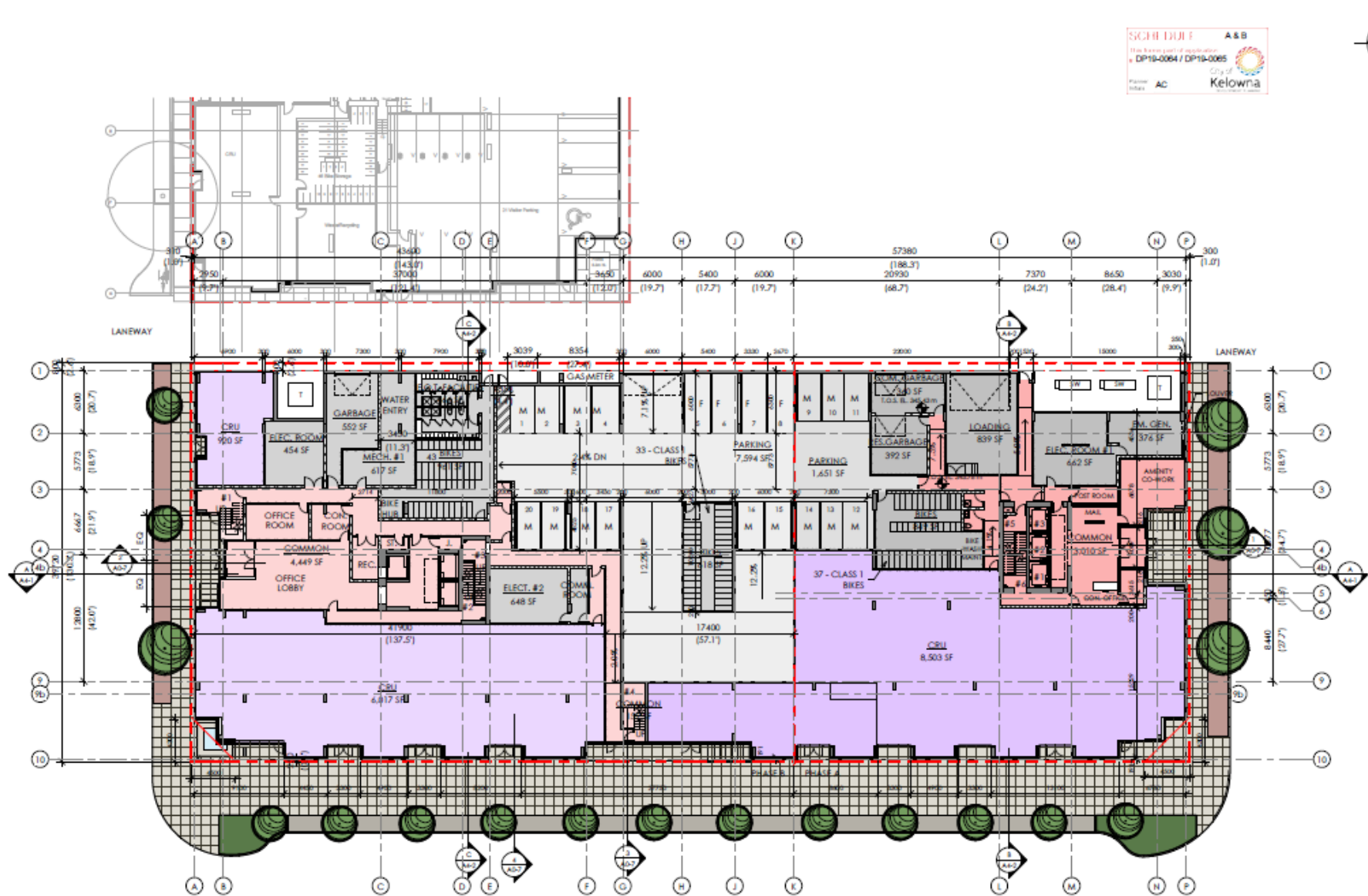
- ▶ 3rd floor underground parking
- ▶ Hotel units added (level 4 & 5)
- ▶ Overall tower height reduced
- ▶ Overall podium height is reduced (from 27.8m to 25.8m)

Development Regulations:	Previous Application	Proposal
Total Number & Types of units	Residential 40 units / Hotel 174 Suites	Residential 65 units / Hotel 185 Suites
Floor Area Ratio (FAR)	70.63	7.93
Building Height (stories/meters)	131 metres / 33 storeys	33 storey / 127 metres
Number of Parking Stalls/Loading Spaces	295 stalls / 3 Loading Stalls	331 Stalls / 3 Loading Areas
Number of Bicycle Parking Spaces	36 Long-term / 20 short term	75 Long-term / 22 short term

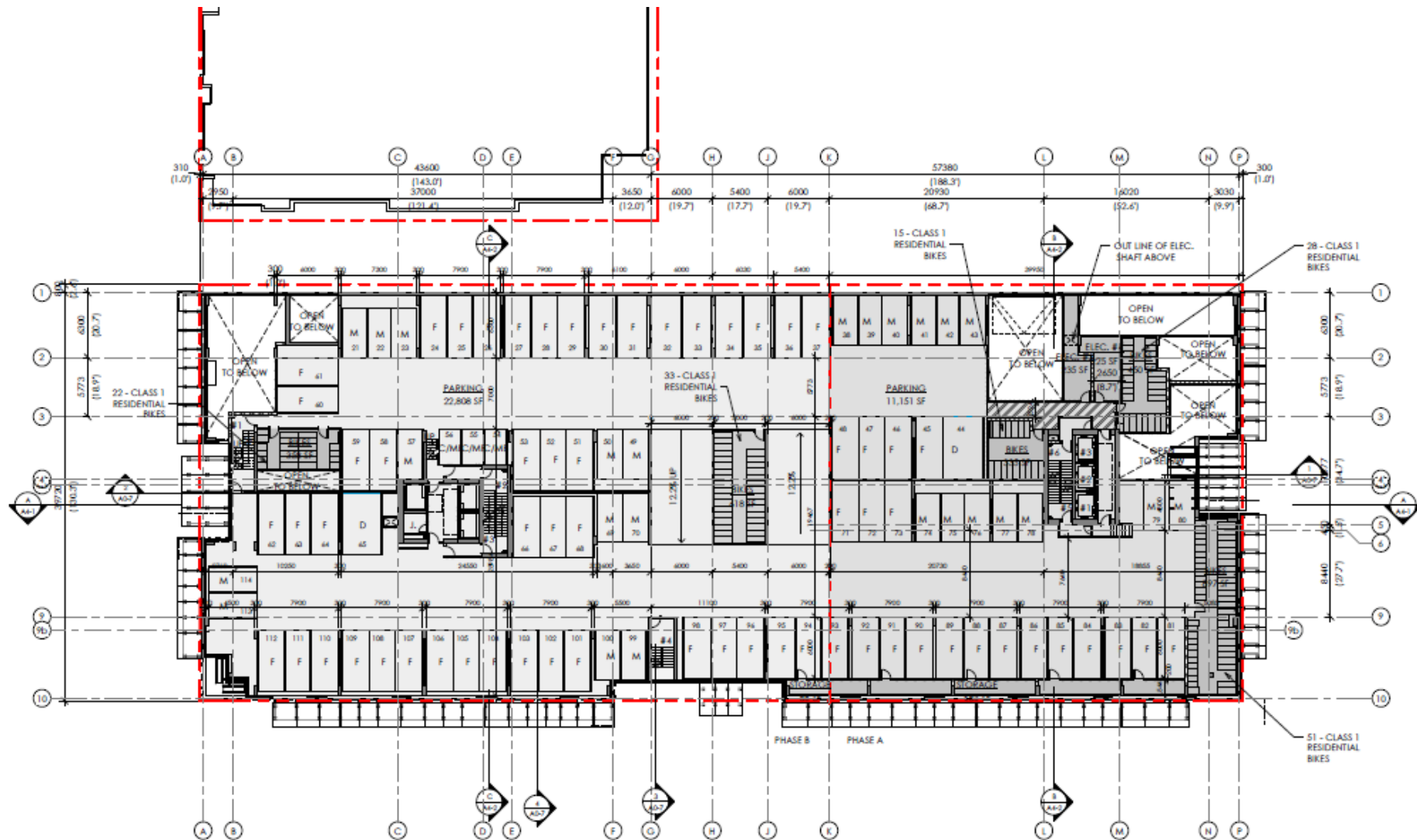
Rendering



Site Plan

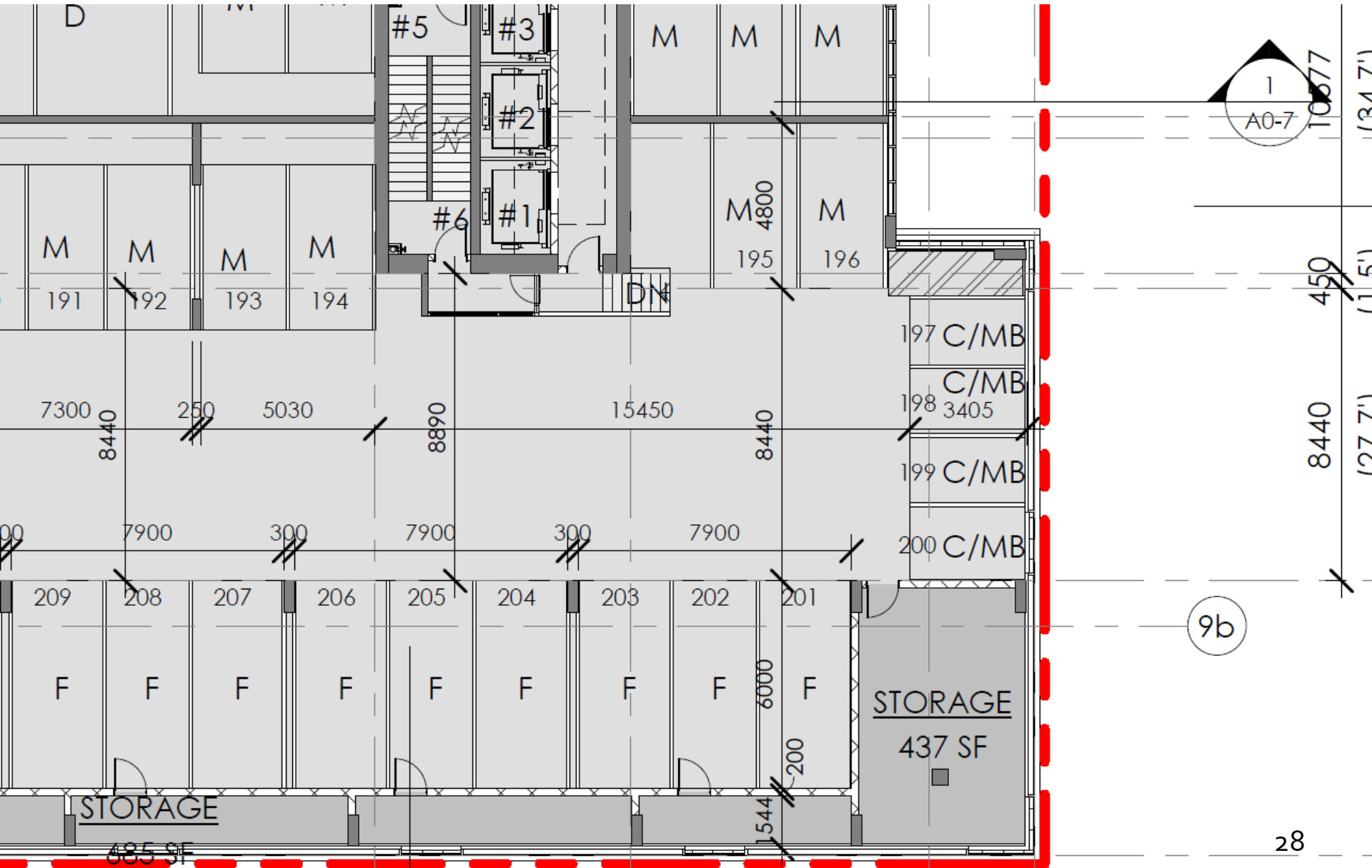


Parking

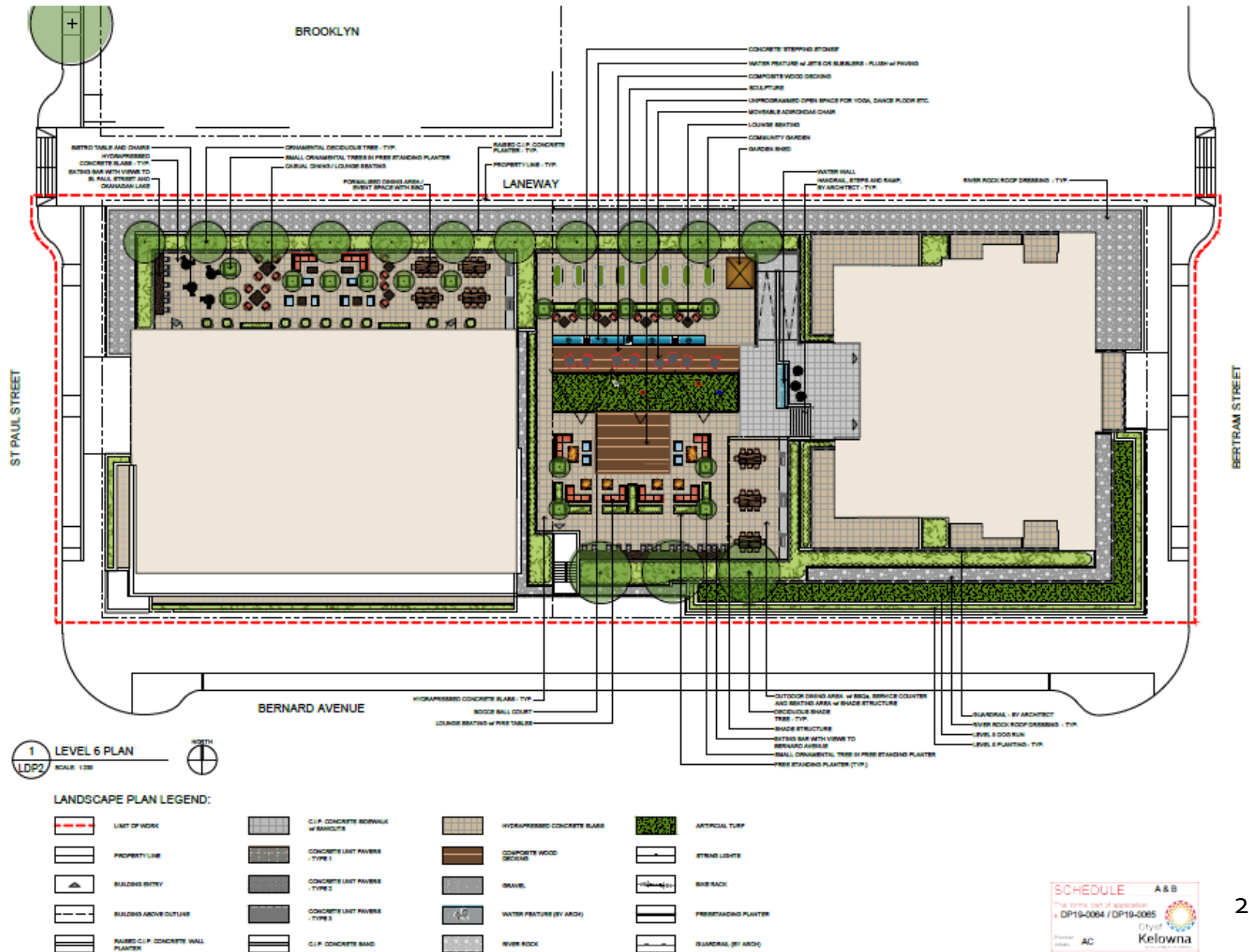




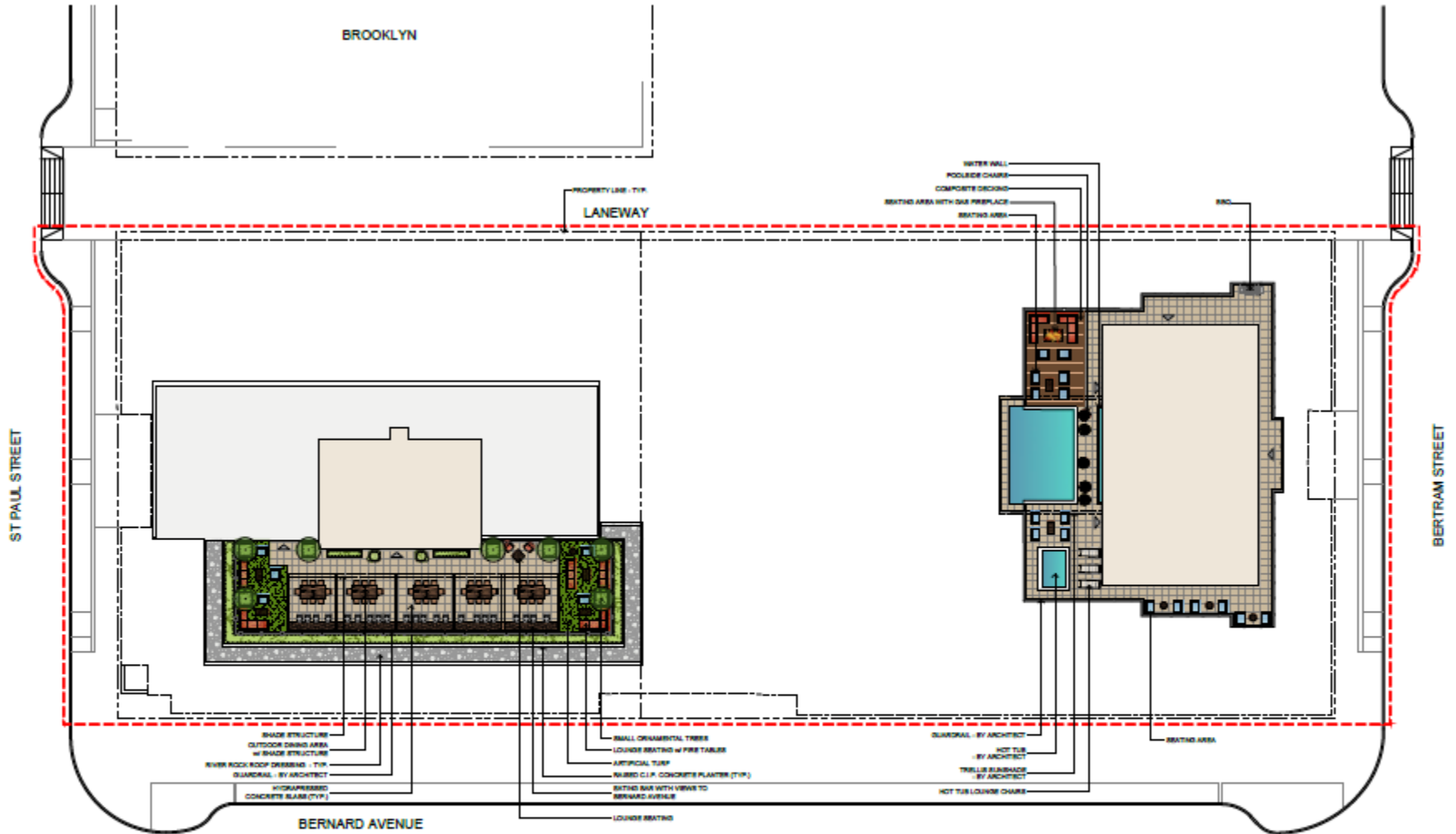
Compact Stall Example



Level 6



Rooftop Plans



1 OFFICE AND CONDO ROOFS PLAN
LDP3 SCALE: 1:200

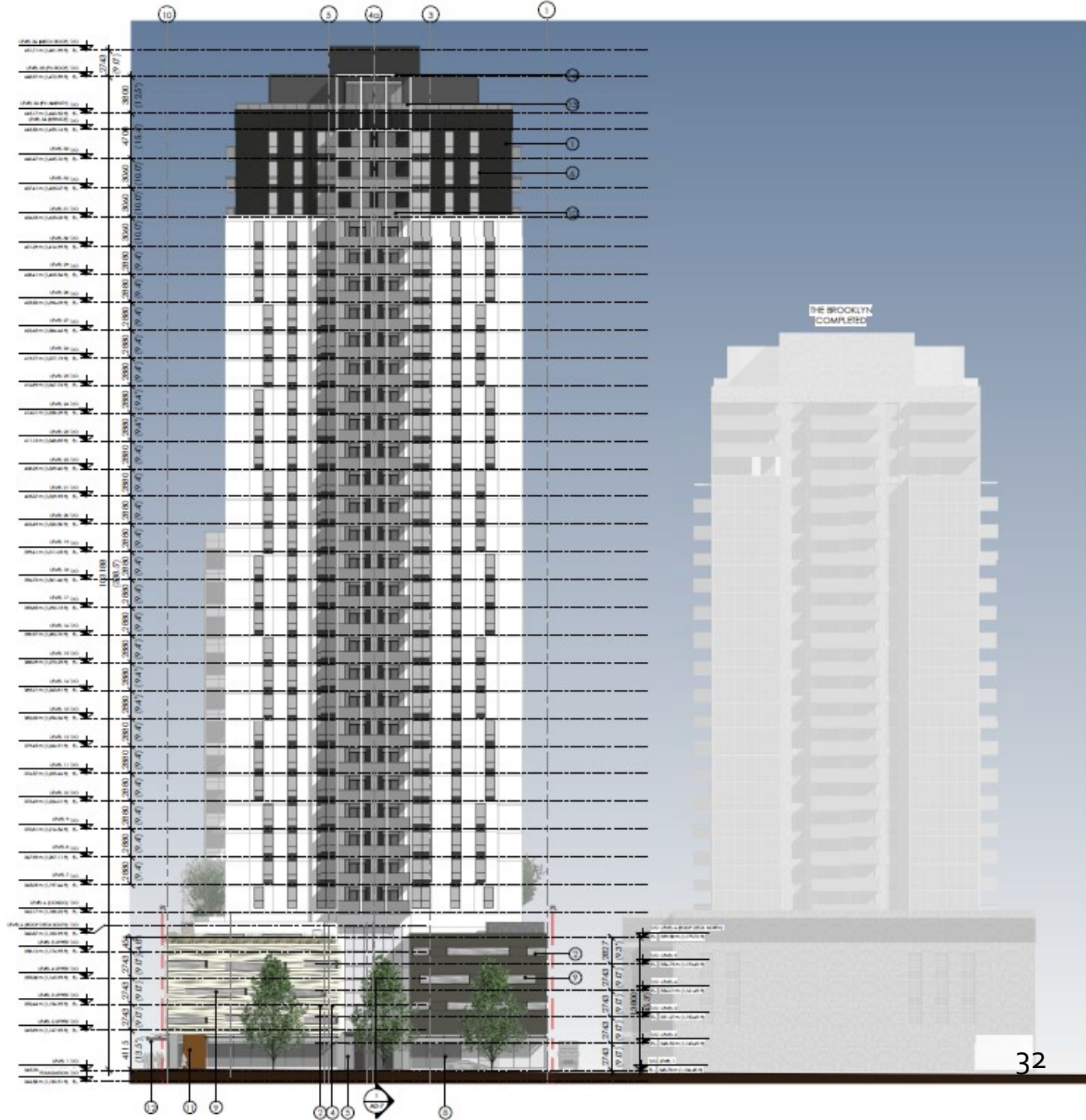
LANDSCAPE PLAN LEGEND:

	LIMIT OF WORK		C.L.P. CONCRETE SIDEWALK W/ BORDERS		HYDRO-PRESSED CONCRETE SLABS		ARTIFICIAL TURF
	PROPERTY LINE		CONCRETE UNIT PAVEMENT - TYPE 1		COMPOSITE WOOD DECKING		STRING LIGHTS
	BUILDING ENTRY		CONCRETE UNIT PAVEMENT - TYPE 2		GRAVEL		BAR BACK
	BUILDING ABOVE OUTLINE		CONCRETE UNIT PAVEMENT - TYPE 3		WATER FEATURE (BY ARCH)		PRECAST/CAST IN PLACE

Elevations



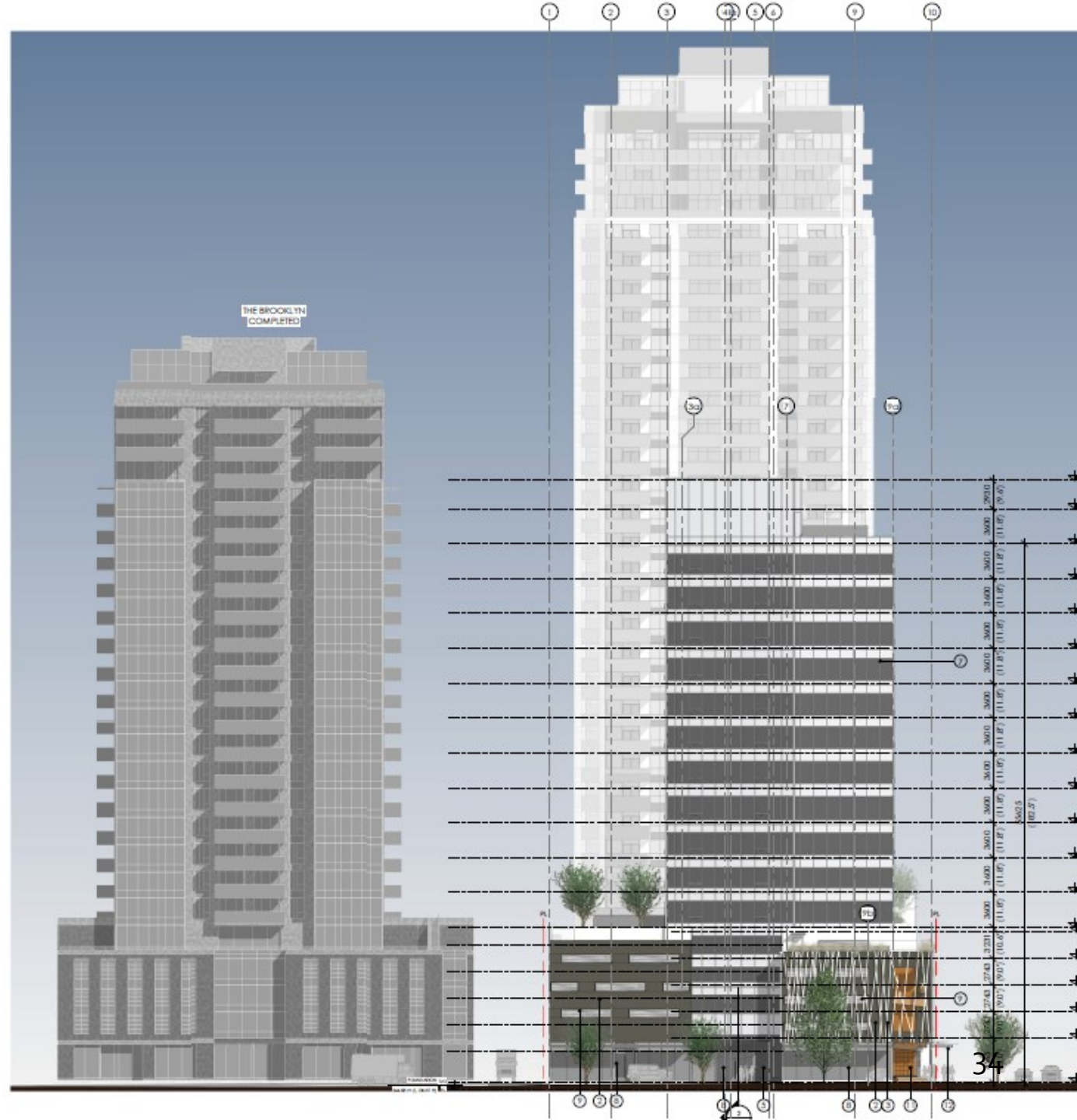
Bertram Elevation



END



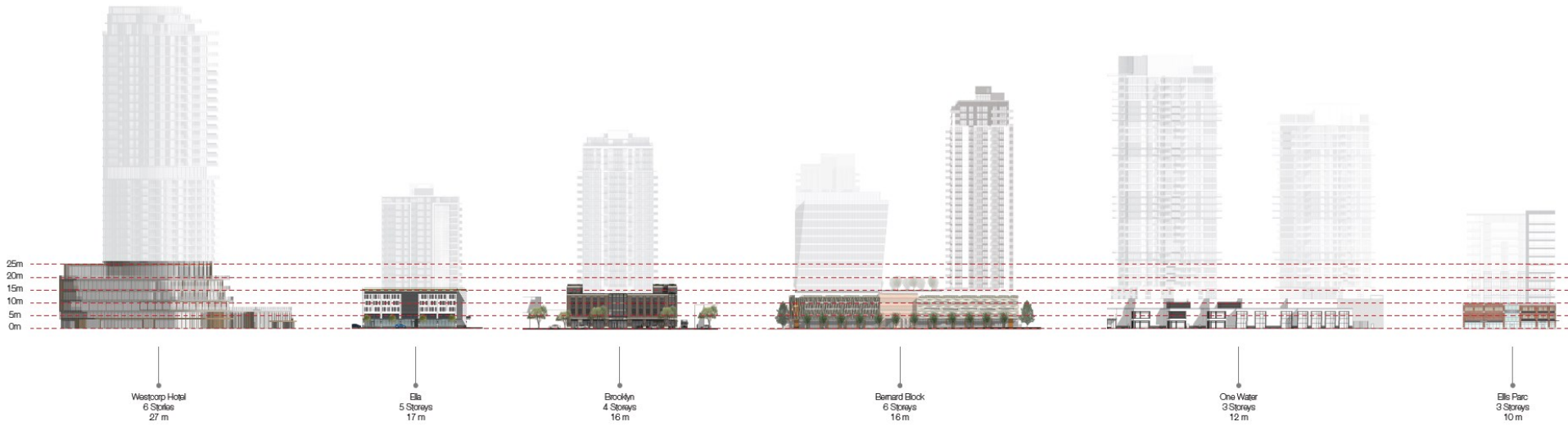
St. Paul Elevation



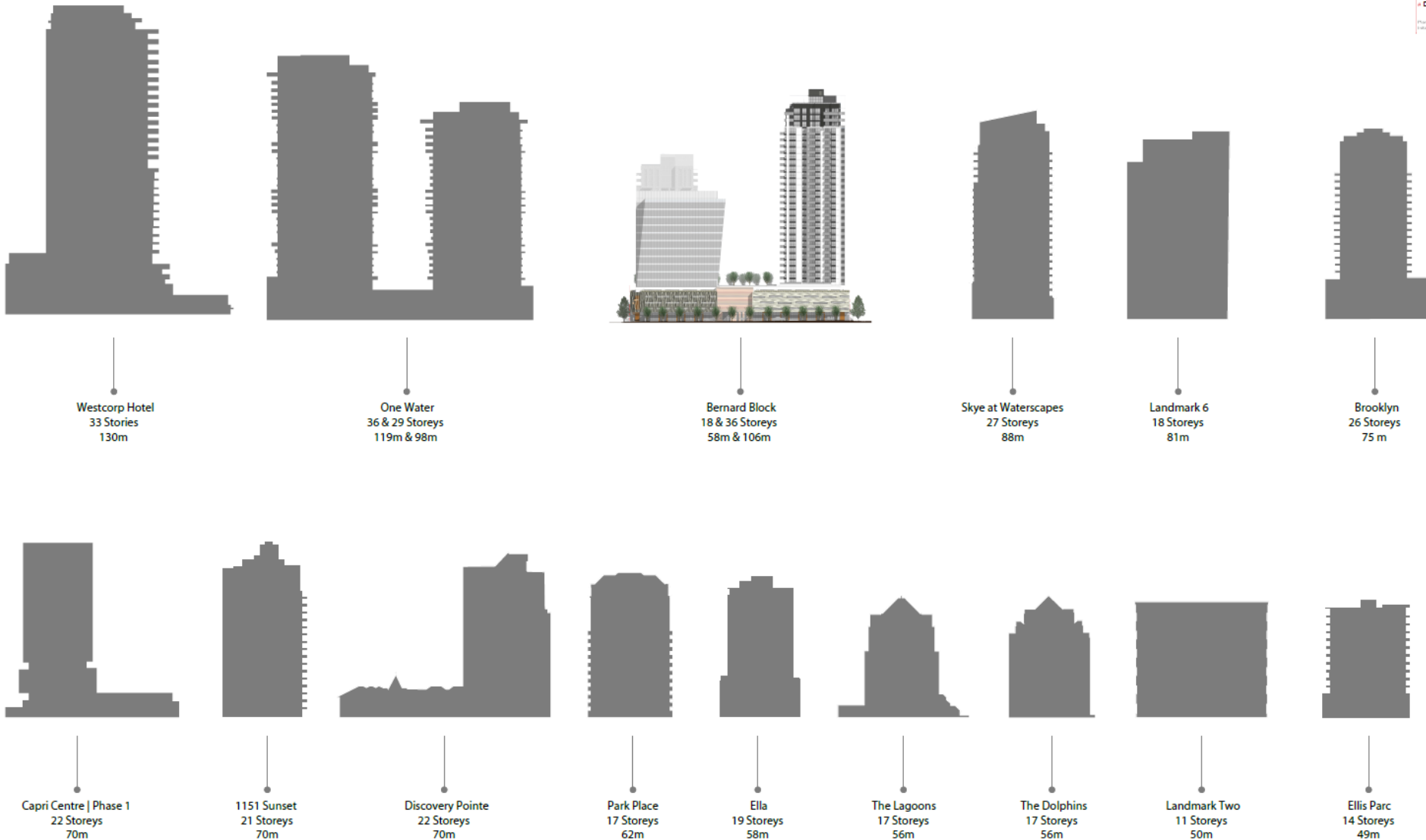
MATERIAL LEGEND

- 1. CONCRETE CLADDING
 - CAST IN PLACE CONCRETE
 - FINISH: BELLARDO
 - COLOUR: BRUSHED MOON SAND WHITE 2148-00
- 2. FORMER WALL BASE CLADDING
 - PINK CHERRY PANEL EXTERIOR AND INTERIOR
 - SIBL STUD STRUCTURE
 - PINK TO MATCH SIBL PINK BLACK OPAL 700
- 3. FORMER FEATURE CLADDING 1 (NETS)
 - PAINTED ALUMINUM FOLDS (1/4" T)
 - RANDOM ANGLED PATTERN IN TWO LAYERS
 - COLOUR: BRUSHED MOON - STRAIN 2154-00
- 4. FORMER FEATURE CLADDING 2 (BASIS)
 - LASER CUT SHIRT METAL PANELS (1/2" THICK)
 - RANDOM WAVE PATTERN
 - COLOUR: BRUSHED MOON - STRAIN 2154-00
- 5. RANDED BATH CONCRETE WALL
 - CAST IN PLACE CONCRETE
 - ADD MIXTURE TO THE THE CONCRETE IN VARIOUS SHADES
 - LAYERS TO BE PLACED IN FORMWORK
 - SIMULATED RANDED BATH
- 6. CONDO TOWER WINDOWS
 - WINDOW WALL SYSTEM
 - GLASS (CLEAR 100% IG)
 - SPANERS: COLOUR: BRUSHED MOON DINTY 2153-10
 - STANDARD CHARCOAL METAL PANEL
 - LOUVER GRILLS, & HARDWARE
- 7. OFFICE TOWER WINDOWS
 - CURTAIN WALL SYSTEM
 - GLASS: HIGH REFLECTIVE GLASS PANEL
 - SPANERS: COLOUR: BRUSHED MOON PURE WHITE DC-44
 - HIGH REFLECTIVE GLASS LAYERS
 - STANDARD SILVER BUTT JOINT MULLIONS
 - STANDARD SILVER METAL PANEL
 - LOUVER GRILLS, & HARDWARE
 - MATCH SCREEN AT ROCK WHITE HETED GLASS
- 8. STREET LEVEL WINDOWS
 - CURTAIN WALL SYSTEM
 - GLASS: CLEAR GLASS PANEL
 - SPANERS: COLOUR: BRUSHED MOON DINTY 2153-10
 - STANDARD SILVER MULLION CAPS
 - STANDARD SILVER METAL PANEL
 - LOUVER GRILLS, & HARDWARE

Podium Comparison



Tower Height Comparison



Variances

The proposal requires two variances to the Zoning Bylaw:

1. A variance to increase the maximum building height from 76.5 m to 106 m.
2. A variance to decrease the minimum Class 2 bicycle parking stalls from 74 bikes to 17 bikes.

STAND WHITE 2148-40

KORU 2139-10

KORU POWER HC-172

K AND K0102

K BLACK OPAL 7020

K020

K 2 17

K TWO LAYERS

K STRAW 2154-50

K020

K 2 17

K TWO LAYERS

K STRAW 2154-50

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K TWO LAYERS

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K020

A - CONDO TOWER WINDOWS

- WINDOW WALL SYSTEM
- GLASS CLEAR LOW-E
- SPANDREL COLOUR
- BRULAMEN MOORE ONLY 2139-10
- STANDARD CHARCOAL MULLIONS
- STANDARD CHARCOAL METAL PANEL, LOUVER GRILLS, & HANDRAILS

V - OFFICE TOWER WINDOWS

- CURTAIN WALL SYSTEM
- GLASS HIGH REFLECTIVE GLASS PANEL
- SPANDREL COLOUR
- BRULAMEN MOORE PURE WHITE CO-44
- HIGH REFLECTIVE CLEAR LATEX
- STANDARD SILVER BUTT-JOINT MULLIONS
- STANDARD SILVER METAL PANEL, LOUVER GRILLS, & HANDRAILS
- MATCH CORNER AT KICK WHEEL RETRO GLASS

D - STREET LEVEL WINDOWS

- CURTAIN WALL SYSTEM
- GLASS CLEAR GLASS PANEL
- SPANDREL COLOUR
- BRULAMEN MOORE ONLY 2139-10
- STANDARD SILVER METAL PANEL, LOUVER GRILLS, & HANDRAILS

V - PODIUM WINDOWS

- WINDOW WALL SYSTEM
- GLASS CLEAR LOW-E
- STANDARD SILVER MULLIONS

V - CONDO TOWER BALCONY RAILINGS

- CLEAR GLASS
- STANDARD CHARCOAL ALUMINUM POSTS AND RAILS TO MATCH WINDOWS

V - CORNER STEEL BEAMS INTERIORS

- CORNER STEEL CLADDING, PRE-WASHED
- COLOUR: RUST

V - GLASS AND METAL CANOPIES

- PRICING TEMPING AND LAMINATED GLASS
- STANDARD SILVER STEEL AND
- MACHINED ALUMINUM SYSTEM - FINISH REQUIRED
- COLOUR: RUST

V - PAINTED METAL DECK AND PORCHES

- PAINTED METAL DECK AND PORCHES
- COLOUR: BRULAMEN MOORE STAND WHITE 2148-40

THE BROOKLYN COMPLETED

Development Policy

- ▶ Tall buildings: ensure appropriate and context sensitive built form.
- ▶ In determining appropriate building height, the City will take into account such factors as:
 - ▶ Contextual fit into the surrounding neighbourhood;
 - ▶ Shadowing of the public realm
 - ▶ View impacts
 - ▶ Overlook and privacy impact on neighbouring buildings
 - ▶ Impacts on skyline
 - ▶ Impacts on adjacent or nearby heritage structures

Recommendation

- ▶ Support the proposed development permit application and associated variances:
 - ▶ To reduce the number of short term (class 2) bicycle parking spaces
 - ▶ To increase the maximum overall height
- ▶ Add Conditions of DP & BP



Conclusion of Staff Remarks

Technical Comments for the Bernard Block Application



Application DP19-0064 / DVP19-0065

Address 560 Bernard Ave

Application Type: Development Permit and Development Variance Permit

1.0 Technical Comments

1.1 Building & Permitting Department

- 1) Demolition Permit(s) required for any existing structure(s).
- 2) Development Cost Charges (DCC's) are required to be paid prior to issuance of any Building Permit(s).
- 3) Placement permits are required for any sales or construction trailers that will be on site. The location(s) of these are to be shown at time of development permit application.
- 4) HPO (Home Protection Office) approval or release is required at time of Building Permit application.
- 5) Requirements of the City of Kelowna fire prevention regulations bylaw No. 10760 for buildings 6 stories and greater are to be shown on the building permit drawings.
- 6) A Structural & Geotechnical peer review will be required at time of building permit application. Contact the Chief Building inspector for policy and procedure of pier review.
- 7) A Hoarding permit is required for the protection of the public during construction. Sidewalks are not allowed to be closed off. Design of a system for public protection shall meet all the minimum requirements of part 8 of BCBC 2018 plus any other controlling legislation. Application for the hoarding permit is thru the Yards office. Please reference city of Kelowna bulletin #19-01 available online thru kelowna.ca
- 8) Dewatering & Shoring plans must be provided to the Development Engineering Branch for approval. Approvals for work outside of the property lines must be obtained. No shoring may be left below grade outside of property lines.
- 9) A Building Code analysis is required for the structure at time of building permit applications, but the following items may affect the form and character of the building(s):
 - a. Any alternative solution must be accepted by the Chief Building Inspector prior to the release of the Building Permit.
 - b. Location, Heights, Colors of mechanical systems and the required screening are to be determined at time of DP.
 - c. Any security system that limits access to exiting needs to be addressed in the code analysis by the architect.
 - d. Access to the roofs are required per NFPA and guard rails may be required and should be reflected in the plans if required.
 - e. Green roof design will require schedules and design by the building envelope consultant.

- f. Roof top patio area may be defined as an A4 Occupancy which will affect exiting (panic hardware may be required, so no exterior lockable doors at this level that affects exiting), the code analysis to address occupant load, washroom calculations, public use, direction of door swings, pathway lighting and exit signage.
 - g. Mechanical Ventilation inlet and exhausts vents are not clearly defined in these drawings for the enclosed parking storeys and are required. The location and noise from these units should be addressed at time of Development Permit. Any projections of mechanical units should be identified at DP to assure accurate parking space counts.
 - h. 1 ½ Hr fire rating and rated doors are required at the fronts of parking spots for storage, sliding doors may not meet the fire rating requirements. This can be addressed at time of Building Permit application. Doors to storage lockers must be protected from being blocked.
 - i. Emergency generator and all other safety systems are to be located above high water table or protected from the affects of ground water.
- 10) A Geotechnical report is required to address the sub soil conditions and site drainage at time of building permit application. Minimum building elevations are required to be established prior to the release of the Development Permit. If a soil removal or deposit permit is required, this must be provided at time of Development Permit application.
 - 11) We strongly recommend that the developer have his professional consultants review and prepare solutions for potential impact of this development on adjacent properties. Any damage to adjacent properties is a civil action which does not involve the city directly. The items of potential damage claims by adjacent properties are items like settlement of foundations (preload), damage to the structure during construction, undermining & underpinning of existing foundation, additional snow drift on neighbour roofs, excessive noise from mechanical units, vibration damage during foundation preparation work, water infiltration systems, etc.
 - 12) Size and location of all signage to be clearly defined as part of the development permit. This should include the signage required for the building addressing to be defined on the drawings per the bylaws on the permit application drawings.
 - 13) Full Plan check for Building Code related issues will be done at time of Building Permit applications. Please indicate how the requirements of Radon mitigation and NAFS are being applied to this complex at time of permit application.

1.2 Ministry of Transportation and Infrastructure

- 1) The ministry has completed the final review for the updated Transportation Impact Assessment dated January 31st, 2020 completed by Bunt & Associates that was prepared for Mission Group for the Bernard Block development. The Ministry has concluded that we have no issues or concerns. As this development is over 4500 square metres we are required to sign the final site plan as per section 505(2) of the Local Government Act. Please forward the final site plan for our final review and signature.

1.3 Development Engineering

See Development Engineering Memo dated March 7th 2019.

CITY OF KELOWNA

MEMORANDUM

Date: March 07, 2019
File No.: DP19-0064
To: Community Planning (AC)
From: Development Engineering Manager (JK)
Subject: 560 Bernard Ave Form and Character

The Development Engineering Department has the following comments and requirements associated with this Development Permit application. The road and utility upgrading requirements outlined in this report will be a requirement of this development. The Development Engineering Technologist for this project is Jason Angus.

1. General.

- a. This Development Permit for a 33 storey residential tower and for a 14 storey office tower with ground floor commercial will be required at Building Permit to complete the following works as laid out in this Engineering Memo:
 - i. Frontage Improvements on St Paul Street
 - ii. Frontage improvements on Bernard Ave
 - iii. Laneway Improvements and dedication
 - iv. Water service upgrade
 - v. Sanitary service upgrade
 - vi. Sanitary down stream analysis from the development to the Raymer Road Treatment Plant
 - vii. Landscape requirements on Bernard Ave and St Paul St
 - viii. All existing overhead utilities to be installed underground
 - ix. Lot consolidation
 - x. A Site Preparation Security Agreement needs to be completed and signed.
- b. Provide easements as may be required.
- c. The proposed development may require the installation of centralized mail delivery equipment. Please contact Delivery Planning Officer, Canada Post Corporation, 530 Gaston Avenue, Kelowna, BC, V1Y 2K0, to obtain further information and to determine suitable location(s) within the development.
- d. The proposed development triggers a traffic impact assessment. The applicant's transportation engineer shall contact the City's Development Engineering group to determine the terms of reference for the study. Recommendations from the Traffic Impact Analysis (TIA) will become requirements of the building permit release.
- e. The proposed development is subject to the review and requirements from the Ministry of Transportation (MOT) Infrastructure Branch. Requirements from the Ministry will become requirements of the building permit release.

2. Geotechnical Study

- a) Provide a geotechnical report prepared by a Professional Engineer competent in the field of hydro-geotechnical engineering to address the items below: 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 development. The Geotechnical reports must be submitted to the Development Services Department for distribution to the Development Engineering Branch and Inspection Services Division prior to submission of Engineering drawings or application for development approval:
- 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 (e.g., fill areas, sulphate content, unsuitable soils such as organic material).
 - 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, perimeter drains and septic tank effluent on the site.
 - vii. Any items required in other sections of this document.

Additional geotechnical survey may be necessary for building foundations, etc.

3. Domestic Water and Fire Protection

- a. Provide an adequately sized domestic water and fire protection system. The water system must be capable of supplying domestic and fire flow demands for the project in accordance with the Subdivision, Development & Servicing Bylaw. Provide water calculations for this property to confirm this. Ensure every building site is located at an elevation that ensures water pressure is within the bylaw pressure limits.
- b. The property is located within the City of Kelowna service area. Only one service will be permitted to the site. The applicant, at his cost, will arrange for the removal of the existing services and the installation of one new larger metered water service.
- c. An approved backflow protection device must also be installed on site as required by the City Plumbing Regulation and Water Regulation bylaws.
- d. A water meter is mandatory for this development and must be installed inside a building on the water service inlet as required by the City Plumbing Regulation and Water Regulation bylaws. The developer or building contractor must purchase the meter from the City at the time of application for a building permit from the Inspection Services Department, and prepare the meter setter at their cost.

4. Sanitary Sewer

- a. Our records indicate that these properties are currently serviced with a 100mm-diameter sanitary sewer service. 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 this development. The applicant will arrange for the removal and disconnection of the existing services and the installation of one new service at the applicant's cost.

5. Drainage

- a. Provide a detailed Storm Water Management Plan for this development as per the Subdivision, Development and Servicing Bylaw #7900.
- b. The developer must engage a consulting civil engineer to provide a storm water management plan for the site, which meets the requirements of the City Storm Water Management Policy and Design Manual. The storm water management plan must also include provision of lot grading plan, minimum basement elevation (MBE), if applicable, and recommendations for onsite drainage containment and disposal systems
- 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

6. Road Improvements

- a. St. Paul St. fronting this development site is urbanized but the existing curb and sidewalk are in a deteriorated state. The existing driveway letdown will need to be removed and replaced with barrier curb and gutter and sidewalk. The upgrades to St. Paul St. that are required are curb, gutter, boulevard street trees, driveway letdown and sidewalk removal and reconstruction, as well as the re-location or adjustment of any existing utility appurtenances if required to accommodate the upgrading construction. A modified SS-R5 cross section will be used and provided at the time of design. The design should include up to centreline of the St Paul Street ROW.
- b. Bertram Street is designated an urban collector road. Frontage improvements required include curb and gutter, separate sidewalk, piped storm drainage system, road works, landscaped boulevard complete with underground irrigation system, street lights. A modified SS-R5 cross section will be used and provided at the time of design. The design should include up to centreline of the Bertram Street ROW.
- c. The laneways fronting this development needs to be upgraded to a commercial laneway standard. Standard drawing to be used is SS-R2 as well as a 0.8m dedication is needed for the north south lane. The development will be responsible for the constructing the entire lane width, from PL to PL on the West-East laneway. A driveway let down (SS-C7) will be required at the East end of the west-east laneway.

7. Development Permit and Site Related Issues

- a. By Registered plan to provide the following
 - i. Grant statutory rights-of-way or dedicate lands if required for utility services and/or pedestrian access.

- ii. Lane dedication of 0.8m is needed along the frontage of the west-east laneway. The standard SS-R2 drawing will need to be used in the design drawings.
- iii. Lot Consolidation is required
- b. All vehicle access to the development will be via laneway. No access will be granted from St Paul Street, Bertram Street or Bernard Ave.
- c. Truck turning movements are needed to show that a truck can access the loading bays along the laneway.

8. Power and Telecommunication Services and Street Lights

- a. All proposed distribution and service connections are to be installed underground. Existing distribution and service connections, on that portion of a road or laneway immediately adjacent to the site, are to be relocated and installed underground.
- b. Make servicing applications to the respective Power and Telecommunication utility companies. The utility companies are required to obtain the City's approval before commencing construction.

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 Agreements 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. Bonding and Levy Summary

a. Service Agreement Bonding

To be Determined


James Kay, P. Eng.
Development Engineering Manager

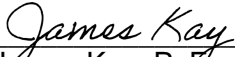
JA

CITY OF KELOWNA
MEMORANDUM

Date: March 07, 2019
File No.: DVP19-0065
To: Community Planning (JB)
From: Development Engineering Manager (JK)
Subject: 560 Bernard Ave

Development Engineering Department comments and requirements pertaining to this development variance permit application, are as follows:

- a) This Development Variance permit to increase the maximum height from 26 storeys to 33 storeys and to increase the maximum parking allowed from 125% to 143% does not compromise any municipal services.



James Kay, P. Eng.
Development Engineering Manager

JA

Development Permit & Development Variance Permit DP19-0064 / DVP19-0065



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

560 – 592 Bernard Ave

and legally known as

Lot 1, District Lot 139, ODYD, Plan EPP96156

and permits the land to be used for the following development: commercial and residential as per the Zoning Bylaw

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

Date of Council Decision **June 2, 2020**

Decision By: COUNCIL OR COMMUNITY PLANNING DEPARTMENT MANAGER

Development Permit Area: Comprehensive

Existing Zone: C7 – Central Business Commercial

Future Land Use Designation:

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: Mission Group Holdings Ltd. Inc. No. BC0993483

Applicant: Mission Group – Luke Turri

Planner: Adam Cseke

Terry Barton
Community Planning Department Manager
Planning & Development Services

Date

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

- 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) That the Development Permit and Development Variance Permit is issued subsequent to the outstanding conditions set out in Attachment "A" attached to the Report from the Community Planning Department dated July 25th 2017;
- d) That a building permit is not issued until the rear lane has been dedicated by 0.8 metres to the City.
- e) That a Section 219 covenant be registered on title limiting the 25 compact stalls to be used by commercial or office tenants only and that the covenant ensures that the maximum vehicle dimensions that are permitted to park within the compact stall must be a maximum of 3.4 metres in length and 1.7 metres in width.

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

3. PERFORMANCE SECURITY

n/a.

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.

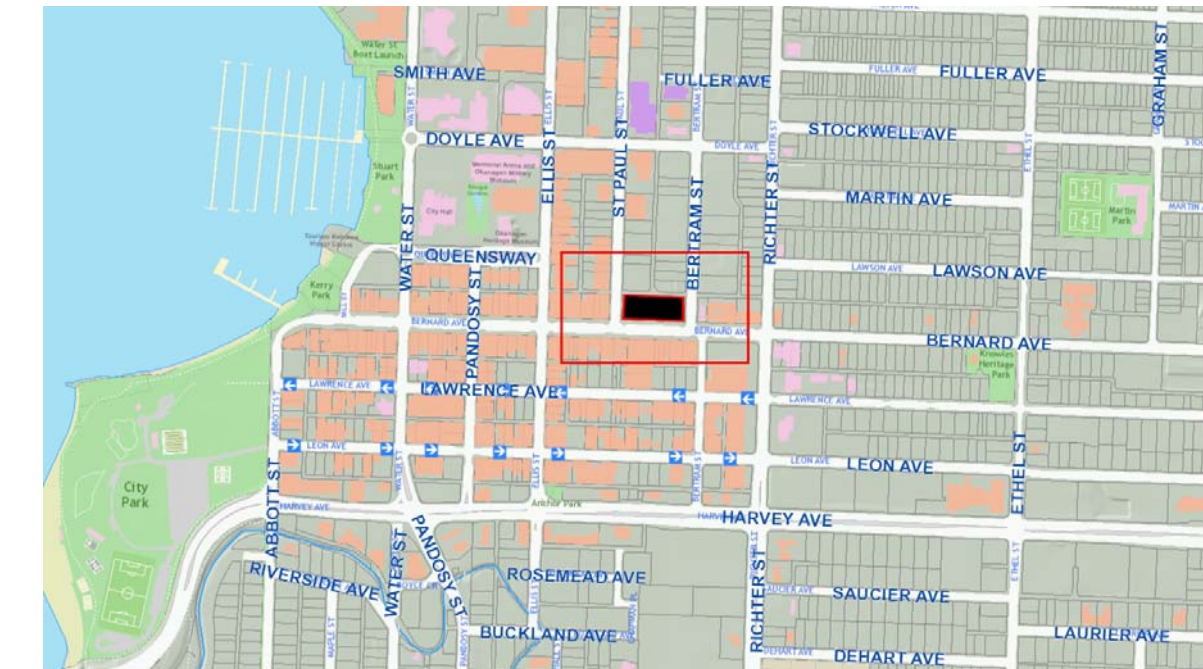
All costs, expenses, claims that may be incurred by the Municipality where the construction, engineering or other types of works as called for by the Permit results in damages to any property owned in whole or in part by the Municipality or which the Municipality by duty or custom is obliged, directly or indirectly in any way or to any degree, to construct, repair, or maintain.

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

Copyright Reserved
This plan and design are, and at all times remain the exclusive property of the architect/designer and cannot be used or reproduced without written consent. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office shall be informed of any variations from the dimensions and conditions shown on the drawing.



RICHARD HENRY ARCHITECT INC.



SOUTH WEST PERSPECTIVE

RUNNALLS DENBY
ROB MACDONLAND
259A LAWRENCE AVE
KELOWNA, BC
POSTAL CODE
T: 250-763-7322
E: ROB@RUNNALLSDENBY.COM

File Name:
C:\Users\SarahM\Desktop\18-59\18-59
BERNARD BLOCK CENTRAL - Sarah
Mxd

Project Background

Zoning Context

A development permit is sought to approve the form & character of the proposed “Bernard Block” redevelopment. Mission Group is also requesting approval of residential tower height above the 26-storey height limit referenced in Kelowna’s C-7 Zone and Downtown Plan.

The site is consolidated into a single one-half city block that is 101.590 meters (332.30') by 40.520 m (130.94'). It is bounded to the south by Bernard Avenue, to the north by a laneway, to the east by Bertram Street and to the west by St. Paul Street. Total area is 4,116.427 sm, (44,310.30 sf)

Bernard Avenue in this area is primarily comprised of one to three storey commercial buildings, with retail functions at grade. The laneway to the north functions to serve garbage and loading requirements, while offering additional parking for these uses, and is proposed to maintain that principle use.

The allowable uses, form and height as proposed are generally in keeping with the Downtown Plan policy objectives. The project is conceived as a true mixed-use, live-work, play and shop contribution to the emerging and expanding downtown area with opportunities to do all of the above, with only a modest reliance on vehicular transportation to achieve other more distant objectives.

A "Class A", 17-storey office building (including podium) is proposed for the western half of the site and is held back 95 feet from the new 25-storey residential tower neighbor to the north (Brooklyn). Access for pedestrians to this building is located mid-block along St. Paul Street. Parking, in all cases, is accessed from the middle of the lane to the north.

The podium massing model established with the "Brooklyn" development has been followed; a slightly higher parking podium along the lane (five storeys) and lower (four storeys) along the principle street, Bernard Avenue.

Setbacks and Step-backs

The closest components of the residential tower have been set 3.05m (10') from both the lane and Bertram Street and 6.47m (21.2') from Bernard Avenue. The distance to the Brooklyn residential tower exceeds 45m (150'). The vertical planes of the residential tower step back towards the water views, and an eight units per floor (differing from Brooklyn's ten units per floor) give the tower a more vertical and slender appearance than most angles, creating a hierarchical composition of taller, medium and shorter building forms that add interest to the skyline of the area. The tower also steps back from the uppermost three storeys, giving a tripartite expression of base (podium), middle, and top.

Architecturally the development has been separated into a hierarchy of discreet and contrasting forms. The form and character of these components are intended to present an elegant, clean and contemporary expression to this area of Bernard Avenue.

The elevated parking podium was recognized at the outset to be of potential concern, due to its horizontal scale and mass. Conversely, it also provides the opportunity to express a meaningful design, worthy of its prominence in the downtown community. Elevating the bar and setting context for future downtown projects, Bernard Block's podium design proposes to celebrate, rather than hide this prominent feature of the buildings' expression. A gesture that is both thoughtfully conceived and purposefully executed, sculptural and artful in nature, and ultimately contextual in its meaning and origination offers an opportunity to become an attraction and destination along the Bernard Avenue streetscape.

A feature element is located at the southwest corner of the podium and is designed to make an artful reference to how transformative the introduction of irrigation to the Okanagan area has been. It is formed as a series of overlapping "flumes", referencing the method utilized to bring water down from the mountains at the turn of the century, and is intended to both attract people up along Bernard Ave from the lake, and act in concert with the podium expression as a visual anchor point for this emerging area of the downtown district. Wind and temperature permitting it will operate as a cascading waterfall and will be specially lit to accent its components at night.

A playful fenestration pattern draws attention to the east façade and similarly emphasizes the building's verticality, creating interest as one moves westward along Bernard Avenue.

The southern face of the office building intentionally angles back to draw attention to the important southwest corner of the podium, as well as create a more interesting contemporary form.

COR-TEN steel, in its weather-rusted form, is proposed for entryway accents and landscape features at grade and at the podium. In keeping with the earth metaphor, the rusted iron brings a warmth and appropriateness to the materiality of the arid and semi-arid region of the Okanagan.

REVISIONS

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S U I T E O N E

1600 HOWE ST

VANCOUVER BC

VANCOUVER BC
MAY 28 1994

V6Z 2L9 CANADA



BERNARD BLOCK

Drawing Tit

DESIGN RATIONALE

Scale:

Drawn By:
RH / LL

File Name:

File Name:
C:\Users\SarahM\Desktop\18-59\1
BERNARD BLOCK CENTRAL - Sarah
M.rvt

A0-3

AREA SUMMARY PHASE B

LEVEL		COMMON	CRU	OFFICE	GROSS BUILD	BALCONY	ROOF DECK	PARKING	UTILITIES/STRG	GROSS SERVICE
LEVEL 1	4,601.18 SF	6,937.29 SF	0.00 SF	11,538.47 SF	0.00 SF	0.00 SF	7,593.68 SF	4,315.56 SF	11,909.24 SF	
LEVEL 2	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	22,808.46 SF	706.17 SF	23,514.63 SF	
LEVEL 3	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	25,091.17 SF	88.24 SF	25,179.41 SF	
LEVEL 4	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	25,196.08 SF	97.89 SF	25,293.97 SF	
LEVEL 5	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	24,068.89 SF	0.00 SF	24,068.89 SF	
LEVEL 6	1,526.20 SF	0.00 SF	8,032.24 SF	9,558.44 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 7	1,502.13 SF	0.00 SF	8,037.44 SF	9,539.57 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 8	1,502.13 SF	0.00 SF	8,056.56 SF	9,558.69 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 9	1,502.13 SF	0.00 SF	8,063.35 SF	9,565.48 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 10	1,502.13 SF	0.00 SF	8,069.89 SF	9,572.02 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 11	1,502.13 SF	0.00 SF	8,067.71 SF	9,569.84 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 12	1,502.13 SF	0.00 SF	8,073.65 SF	9,575.78 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 13	1,502.13 SF	0.00 SF	8,079.37 SF	9,581.50 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 14	1,502.13 SF	0.00 SF	8,094.23 SF	9,596.36 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 15	1,502.13 SF	0.00 SF	8,100.03 SF	9,602.16 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 16	1,502.13 SF	0.00 SF	8,107.38 SF	9,609.51 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	0.00 SF	
LEVEL 17	1,774.52 SF	0.00 SF	0.00 SF	1,774.52 SF	0.00 SF	5,866.03 SF	0.00 SF	0.00 SF	0.00 SF	
		22,923.20 SF	6,937.29 SF	88,781.85 SF	118,642.34 SF	0.00 SF	6,643.50 SF	104,758.28 SF	5,207.86 SF	109,966.14 SF

PARKING SUMMARY PHASE B

PHASE B PARKING		COMBINED PARKING	
COMPACT	15	COMPACT	25
DISABILITY	4	DISABILITY	9
FULLSIZE	184	FULLSIZE	251
MEDIUM	74	MEDIUM	183
	277		468

BICYCLE SUMMARY PHASE B

MINIMUM BICYCLE STORAGE REQUIREMENTS:

COMMERCIAL:

CLASS 1 = $0.2 / 100\text{m}^2$ (1076 SF) $118,206.19 \text{ SF} / 1076 * 0.2 = 22 \text{ SPACES}$

CLASS 2 = $0.125 / 100\text{m}^2$ (1076 SF) $118,206.19 \text{ SF} / 1076 * 0.125 = 14 \text{ SPACES}$

BICYCLE STORAGE PROVIDED:

PHASE B COMMERCIAL	
CLASS 1	74
CLASS 2	9

83

SCHEDULE **A & B**

This forms part of application


DP19-0064 / DP19-0065

Planner Initials

City of Kelowna
DEVELOPMENT PLANNING

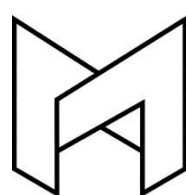
SETBACKS SOUTH (BERNARD):
WEST (ST. BAULS):

RETAIL	15,440.48 SF	1,434.47 m ²
OFFICE	88,781.85 SF	8,248.10 m ²
	266,081.21 SF	24,719.76 m ²



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MISSION GROUP

500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

PROJECT DATA

Date:	Project No.
JANUARY 2020	18-59

Scale:	Drawing No.
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Drawn By:

SM

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A0-1



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Project 500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

LEVEL 1

Date: _____

JANUARY

1 : 200

Drawn By:

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BERNARD BLOC

CENTRAL BANK

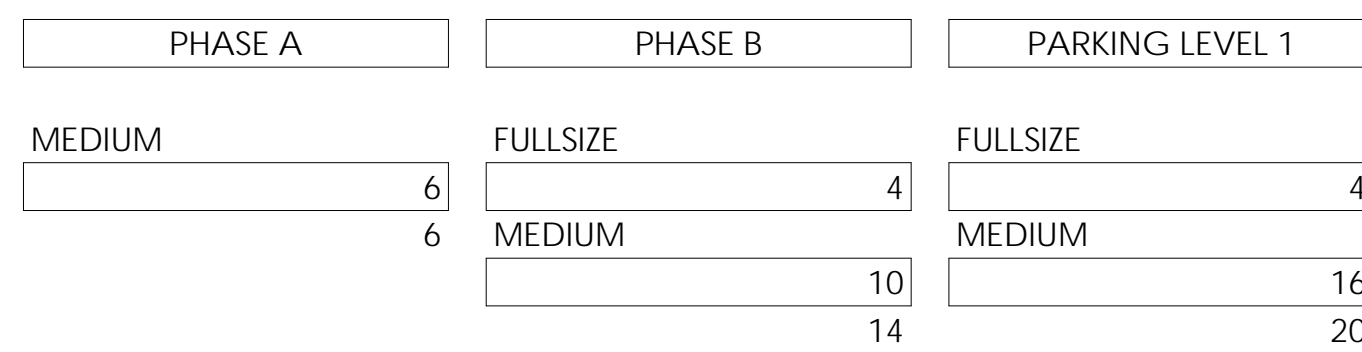
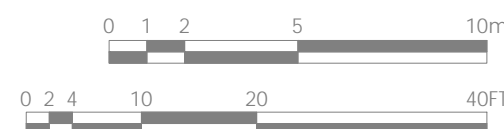
Project No.	18-59
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Drawing No.

A2-1

A2-1

56





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Project

500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

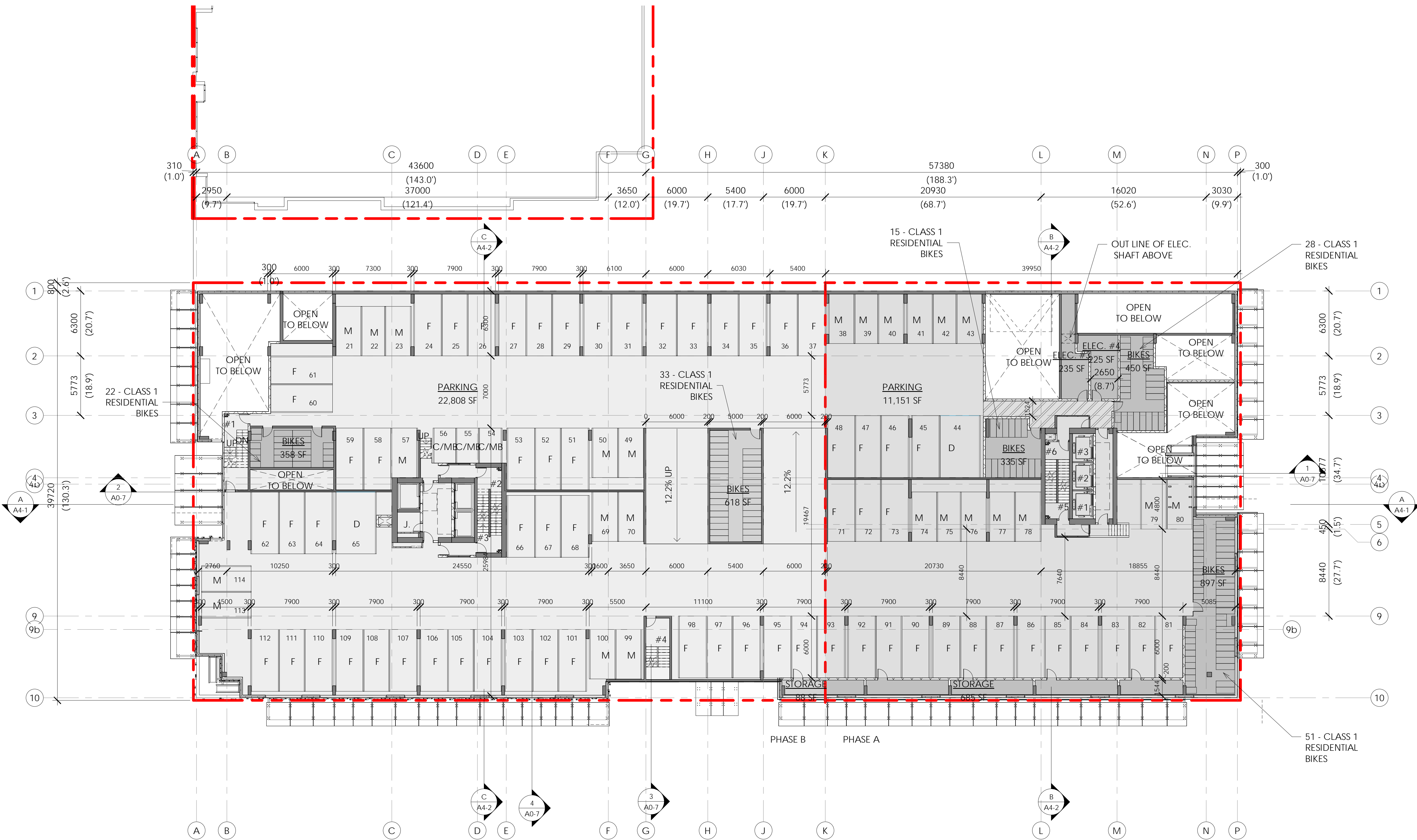
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LEVEL 2

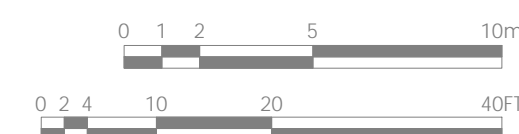
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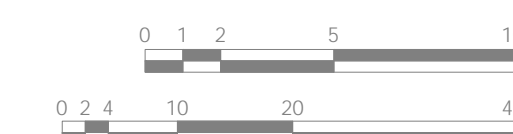
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BERNARD BLOCK
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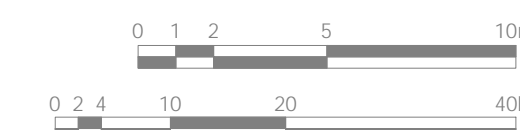


PHASE A		PHASE B		PARKING LEVEL 2	
DISABILITY		COMPACT		COMPACT	
	1		3		
FULLSIZE		DISABILITY		DISABILITY	
	20		1		
MEDIUM		FULLSIZE		FULLSIZE	
	13		44		6
	34	MEDIUM		MEDIUM	
			12		2
			60		





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PHASE A		PHASE B		PARKING LEVEL 4	
COMPACT		COMPACT		COMPACT	
	4		3		
DISABILITY		DISABILITY		DISABILITY	
	1		1		
FULLSIZE		FULLSIZE		FULLSIZE	
	20		50		7
MEDIUM		MEDIUM		MEDIUM	
	27		14		4
	52		68		12



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Project

500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

LEVEL 5

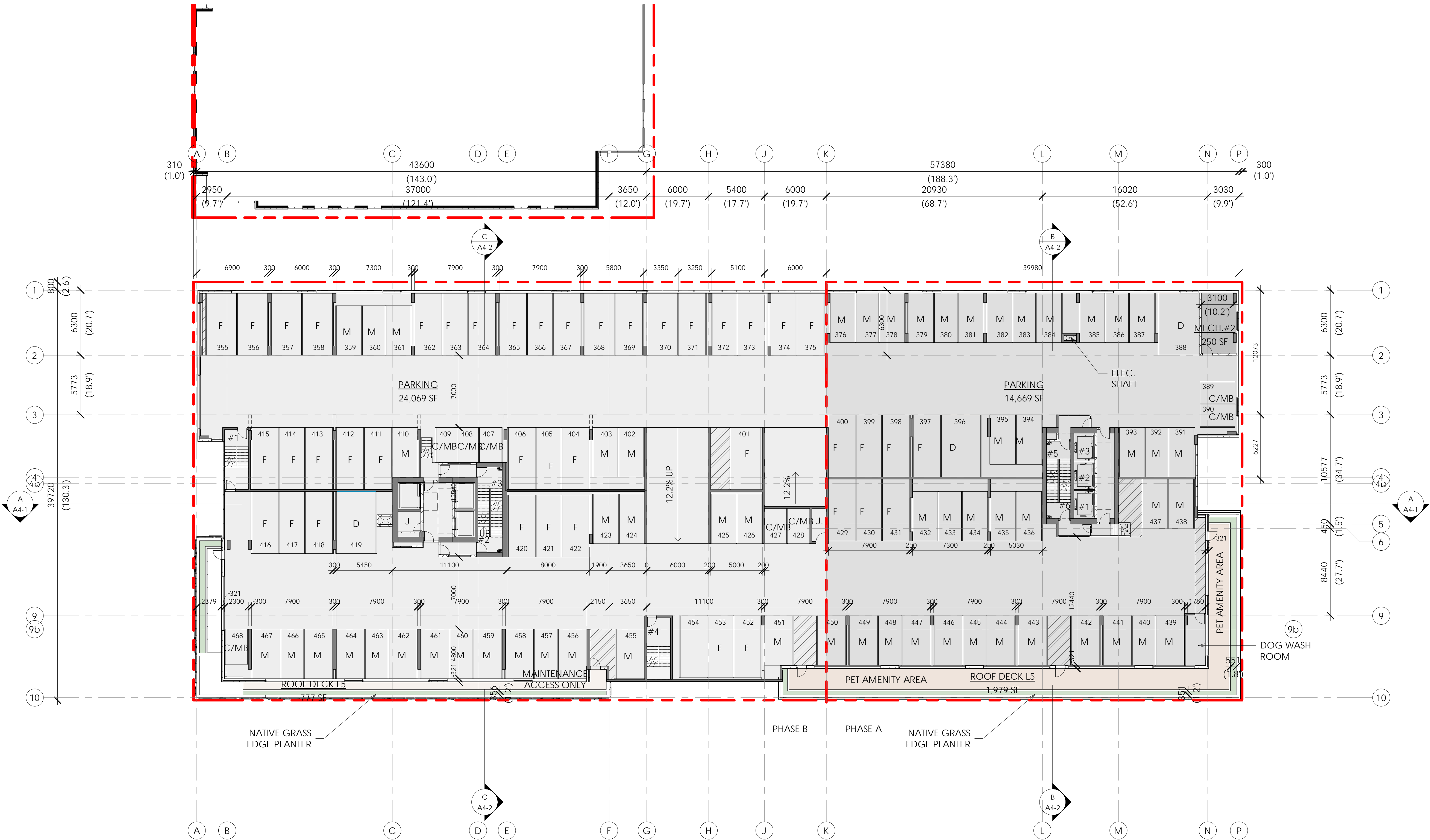
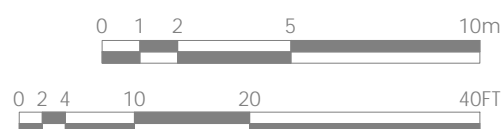
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FMA

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A2-5



PHASE A	PHASE B	PARKING LEVEL 5
COMPACT	COMPACT	COMPACT
2	6	8
DISABILITY	DISABILITY	DISABILITY
2	1	3
FULLSIZE	FULLSIZE	FULLSIZE
7	36	43
MEDIUM	MEDIUM	MEDIUM
36	24	60
47	67	114

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Project 500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

LEVEL 6

Date:

JANUAR

1 : 200

Drawn By:

File Name:

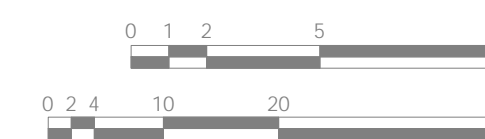
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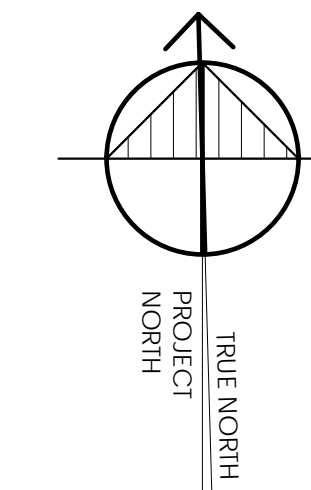
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Project 500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

LEVEL 7 OVERALL

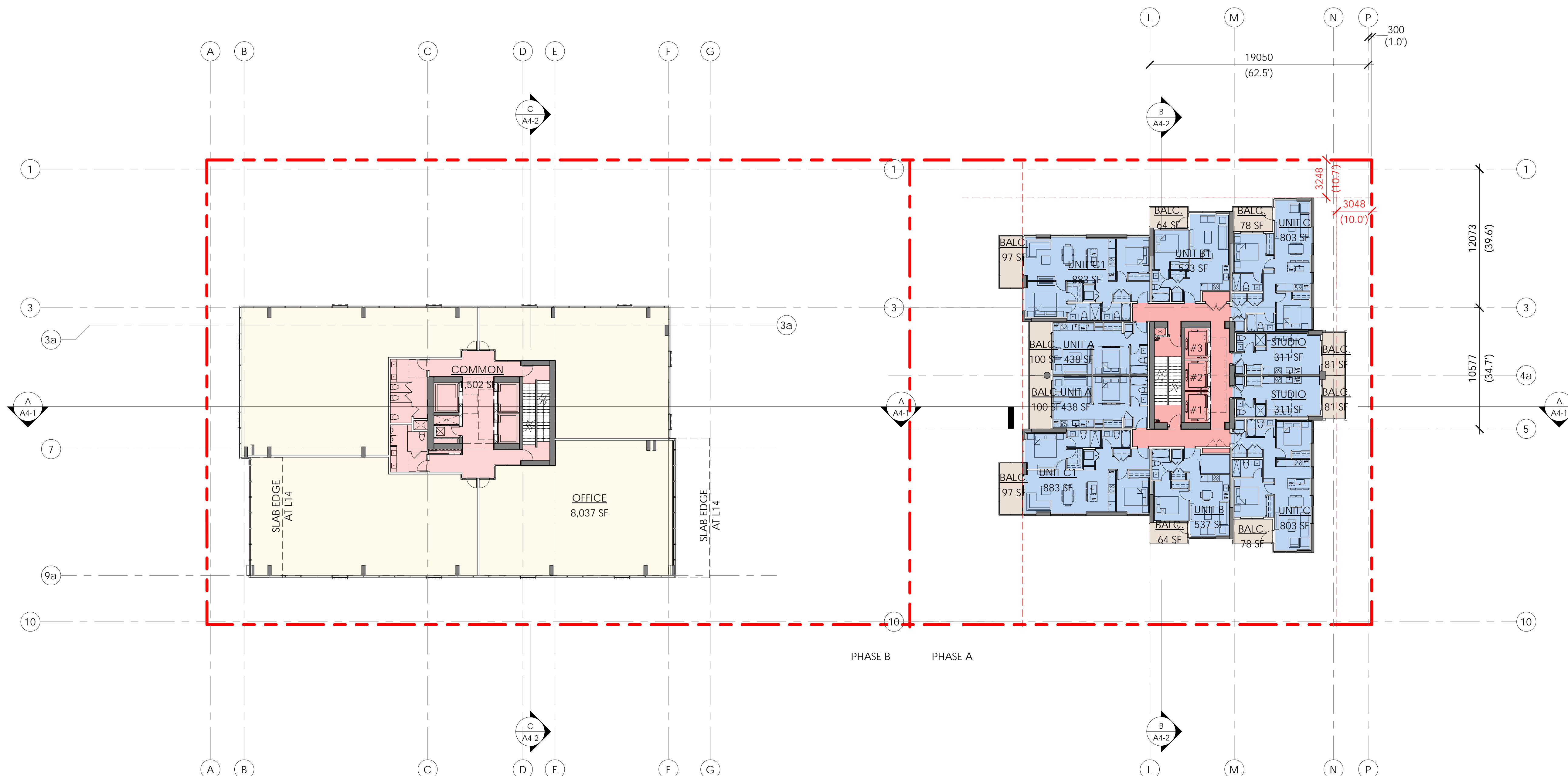
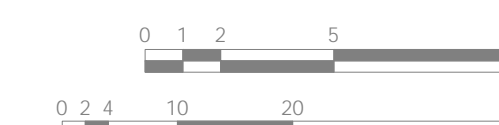
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JANUARY 2020	18-59

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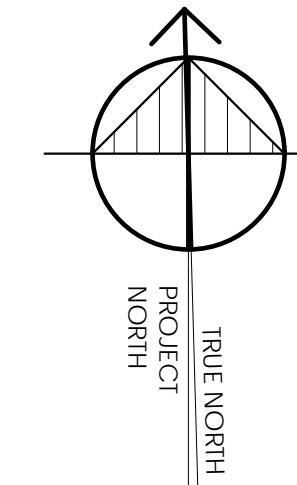
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A2-7



OFFICE LEVEL 7

CONDO LEVEL 7



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Project 500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

CONDO LEVELS 7-21

Date: JANUARY 2020	Project No. 18
Scale: 1 : 100	Drawing No. A2-8
Drawn By: FMA	
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Project

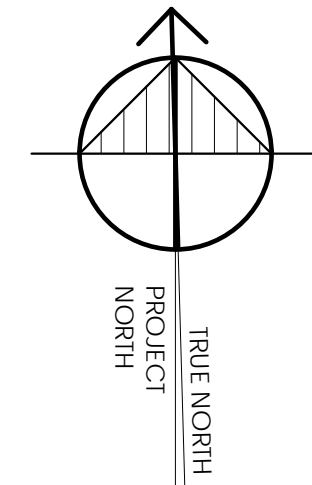
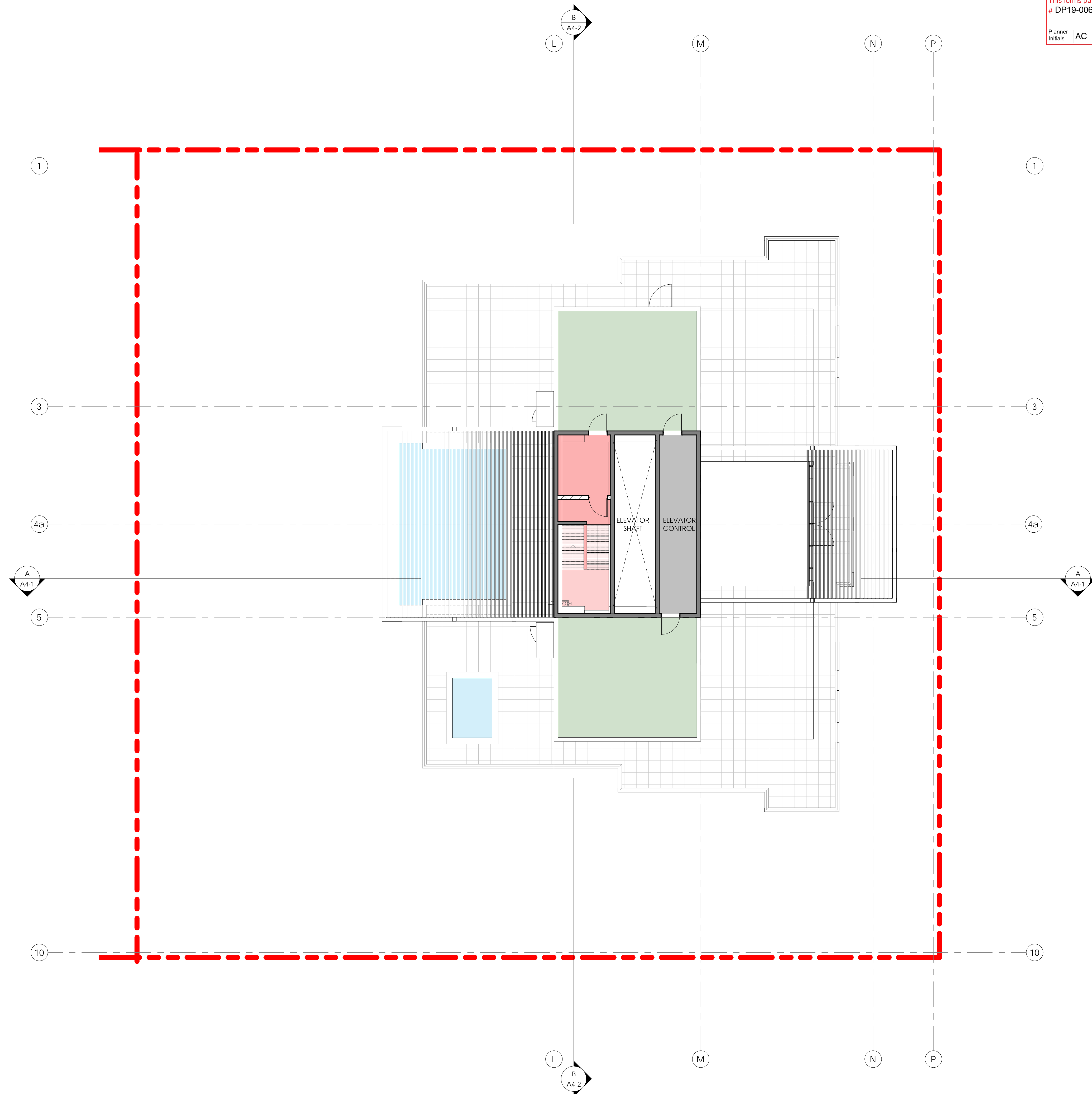
500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

CONDO LEVELS 22-30

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JANUARY 2020	18-59
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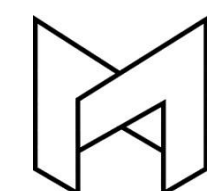
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500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

CONDO LEVEL 35

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JANUARY 2020

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18-59

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FMA

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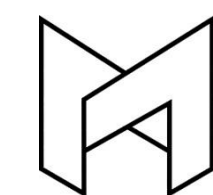
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MISSION GROUP

Project
500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

OFFICE LEVEL 7

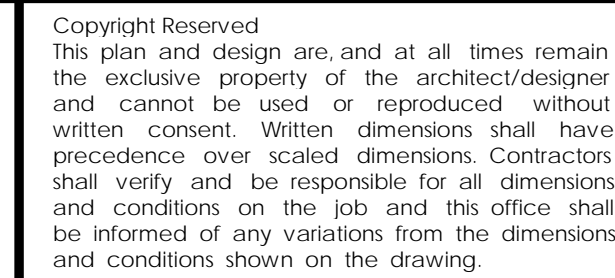
Date:	Project No.
JANUARY 2020	18-5

Scale: 1 : 100	Drawing No.
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BERNARD BLOCK

A2-13



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Project 500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

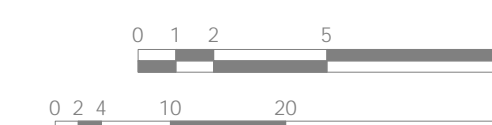
Drawing Title

ROOF PLAN OVERALL

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FMA

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CENTRAL SarahM.rvt

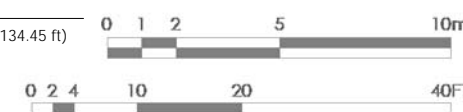

A2-16



1 - CONCRETE CLADDING

- CAST IN PLACE CONCRETE
- INTERIOR INSULATED
- COLOUR: BENJAMIN MOORE TIMID WHITE 2148-60

- 1 - **CONCRETE CLADDING**
 - CAST IN PLACE CONCRETE
 - INTERIOR INSULATED
 - COLOUR: BENJAMIN MOORE TIMID WHITE 2148-60
 - 1a - COLOUR: BENJAMIN MOORE ONYX 2133-10
 - 1b - COLOUR: BENJAMIN MOORE REVERE PEWTER HC-172
 - 2 - **PODIUM WALL BASE CLADDING**
 - FIBRE CEMENT PANEL INTERIOR AND EXTERIOR
 - STEEL STUD STRUCTURE
 - FINISH: TO MATCH SWISS PEARL BLACK OPAL 7020
 - 3 - **PODIUM FEATURE CLADDING 1 (NEST)**
 - PAINTED ALUMINUM HOLES (4" X 4")
 - RANDOM ANGLED PATTERNS IN TWO LAYERS
 - COLOUR: BENJAMIN MOORE - STRAW 2154-50
 - 4 - **PODIUM FEATURE CLADDING 2 (BASKET)**
 - LASER CUT SHEET METAL PANELS (1/2" THICK)
 - RANDOM WAVE PATTERN
 - COLOUR: BENJAMIN MOORE - STRAW 2154-50
 - 5 - **RAMMED EARTH CONCRETE WALL**
 - CAST IN PLACE CONCRETE
 - ADD MIXTURES TO TINT THE CONCRETE IN VARIOUS SHADES
 - LAYERS TO BE PLACED IN FORMWORK
 - SIMULATING RAMMED EARTH
 - 6 - **CONDO TOWER WINDOWS**
 - WINDOW WALL SYSTEM
 - GLASS (CLEAR LOW-E)
 - SPANDREL COLOUR: BENJAMIN MOORE ONYX 2133-10
 - STANDARD CHARCOAL MULLIONS
 - STANDARD CHARCOAL METAL PANEL, LOUVER GRILLES, & HARDWARE
 - 7 - **OFFICE TOWER WINDOWS**
 - CURTAIN WALL SYSTEM
 - GLASS: HIGH REFLECTIVE GLASS PANEL
 - SPANDREL COLOUR: BENJAMIN MOORE PURE WHITE OC-64
 - HIGH REFLECTIVE OUTER LAYER
 - STANDARD SILVER BUJINED MULLIONS
 - STANDARD SILVER METAL PANEL, LOUVER GRILLES, & HARDWARE
 - MECH SCREEN AT ROOF: WHITE FRITTED GLASS
 - 8 - **STREET LEVEL WINDOWS**
 - CURTAIN WALL SYSTEM
 - GLASS: CLEAR GLASS PANEL
 - SPANDREL COLOUR: BENJAMIN MOORE ONYX 2133-10
 - STANDARD SILVER MULLION CAPS
 - STANDARD SILVER METAL PANEL, LOUVER GRILLES, & HARDWARE
 - 9 - **PODIUM WINDOWS**
 - WINDOW WALL SYSTEM
 - FROSTED GLASS (FRIT)
 - STANDARD SILVER MULLIONS
 - 10 - **CONDO TOWER BALCONY RAILINGS**
 - CLEAR GLASS
 - STANDARD CHARCOAL ALUMINUM POSTS AND RA
 - TO MATCH WINDOWS
 - 11 - **CORTEN STEEL RETAIL ENTRIES**
 - CORTEN STEEL CLADDING, PRE-WEATHERED
 - COLOUR: RUST
 - 12 - **GLASS AND METAL CANOPIES**
 - FROSTED TEMPERED AND LAMINATED GLASS
 - STANDARD SILVER STEEL FINIS
 - MECHANIZED AWNING SYSTEM - WHERE REQUIRED
 - 13 - **PAINTED METAL TRELLIS AND FEATURE FRAME**
 - PAINTED HS POST AND BEAM
 - COLOUR: BENJAMIN MOORE TIMID WHITE 2148-60

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Project

500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

SOUTH ELEVATION

Date:	Project No.
JANUARY 2020	18-59

Scale: As indicated	Drawing No.
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Drawn By:	A3-1
FMA	
File Name:	



SCHEDULE **A & B**

This forms part of application
DP19-0064 / DVP19-0065

City of
Kelowna
 DEVELOPMENT PLANNING

Planner Initials

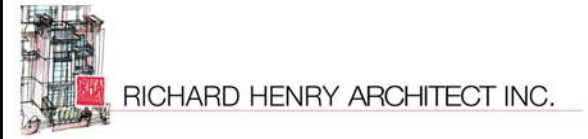


RICHARD HENRY ARCHITECT INC.

Drawn By:	A3-2
FMA	
File Name:	
C:\Users\BrianH\Documents\118-59 BERNARD BLOCK CENTRAL_BrianH.rvt	



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V6Z 2L9 CANADA



500 BERNARD AVENUE
KELOWNA, B.C.

BERNARD BLOCK

Drawing Title

NORTH ELEVATION

Date:	Project No.
JANUARY 2020	18-59

Scale:	Drawing No.
As indicated	

Drawn By: FMA	A3-3
File Name:	

A3-3



- 1 - **CONCRETE CLADDING**
 - CAST IN PLACE CONCRETE
 - INTERIOR INSULATED
 - COLOUR: BENJAMIN MOORE TIMID WHITE 2148-60
- 1a - COLOUR: BENJAMIN MOORE ONYX 2133-10
- 1b - COLOUR: BENJAMIN MOORE REVERE PEWTER HC-172
- 2 - **PODIUM WALL BASE CLADDING**
 - FIBRE CEMENT PANEL INTERIOR AND EXTERIOR
 - STEEL STUD STRUCTURE
 - FINISH: TO MATCH SWISS PEARL 'BLACK OPAL' 7020
- 3 - **PODIUM FEATURE CLADDING 1 (NEST)**
 - PAINTED ALUMINUM POLES (4" x 4")
 - RANDOM ANGLED PATTERNS IN TWO LAYERS
 - COLOUR: BENJAMIN MOORE - STRAW 2154-50
- 4 - **PODIUM FEATURE CLADDING 2 (BASKET)**
 - LASER CUT SHEET METAL PANELS (1/2" THICK)
 - RANDOM WAVE PATTERN
 - COLOUR: BENJAMIN MOORE - STRAW 2154-50
- 5 - **RAMMED EARTH CONCRETE WALL**
 - CAST IN PLACE CONCRETE
 - ADD MIXTURES TO TINT THE CONCRETE IN VARIOUS SHADES
 - LAYERS TO BE PLACED IN FORMWORK
 - SIMULATING RAMMED EARTH
- 6 - **CONDO TOWER WINDOWS**
 - WINDOW WALL SYSTEM
 - GLASS (CLEAR LOW-E)
 - SPANDREL COLOUR:
 - BENJAMIN MOORE ONYX 2133-10
 - STANDARD CHARCOAL MULLIONS
 - STANDARD CHARCOAL METAL PANEL
 - LOUVER GRILLES, & HARDWARE
- 7 - **OFFICE TOWER WINDOWS**
 - CURTAIN WALL SYSTEM
 - GLASS: HIGH REFLECTIVE GLASS PANEL
 - SPANDREL COLOUR:
 - BENJAMIN MOORE PURE WHITE OC-64
 - HIGH REFLECTIVE OUTER LAYER
 - STANDARD SILVER BUTJOINED MULLIONS
 - STANDARD SILVER METAL PANEL
 - LOUVER GRILLES, & HARDWARE
 - MECH SCREEN AT ROOF: WHITE FRITTED GLASS
- 8 - **STREET LEVEL WINDOWS**
 - CURTAIN WALL SYSTEM
 - GLASS: CLEAR GLASS PANEL
 - SPANDREL COLOUR:
 - BENJAMIN MOORE ONYX 2133-10
 - STANDARD SILVER MULLION CAPS
 - STANDARD SILVER METAL PANEL
 - LOUVER GRILLES, & HARDWARE
- 9 - **PODIUM WINDOWS**
 - WINDOW WALL SYSTEM
 - FROSTED GLASS (FRIT)
 - STANDARD SILVER MULLIONS
- 10 - **CONDO TOWER BALCONY RAILINGS**
 - CLEAR GLASS
 - STANDARD CHARCOAL ALUMINUM POSTS AND RAILS
 - TO MATCH WINDOWS
- 11 - **CORTEN STEEL RETAIL ENTRIES**
 - CORTEN STEEL CLADDING, PRE-WEATHERED
 - COLOUR: RUST
- 12 - **GLASS AND METAL CANOPIES**
 - FROSTED TEMPERED AND LAMINATED GLASS
 - STANDARD SILVER STEEL FINIS
 - MECHANIZED AWNING SYSTEM (WHERE REQUIRED)
- 13 - **PAINTED METAL TRELS AND FEATURE FRAME**
 - PAINTED HSS POST AND BEAM
 - COLOUR: BENJAMIN MOORE TIMID WHITE 2148-60



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Project

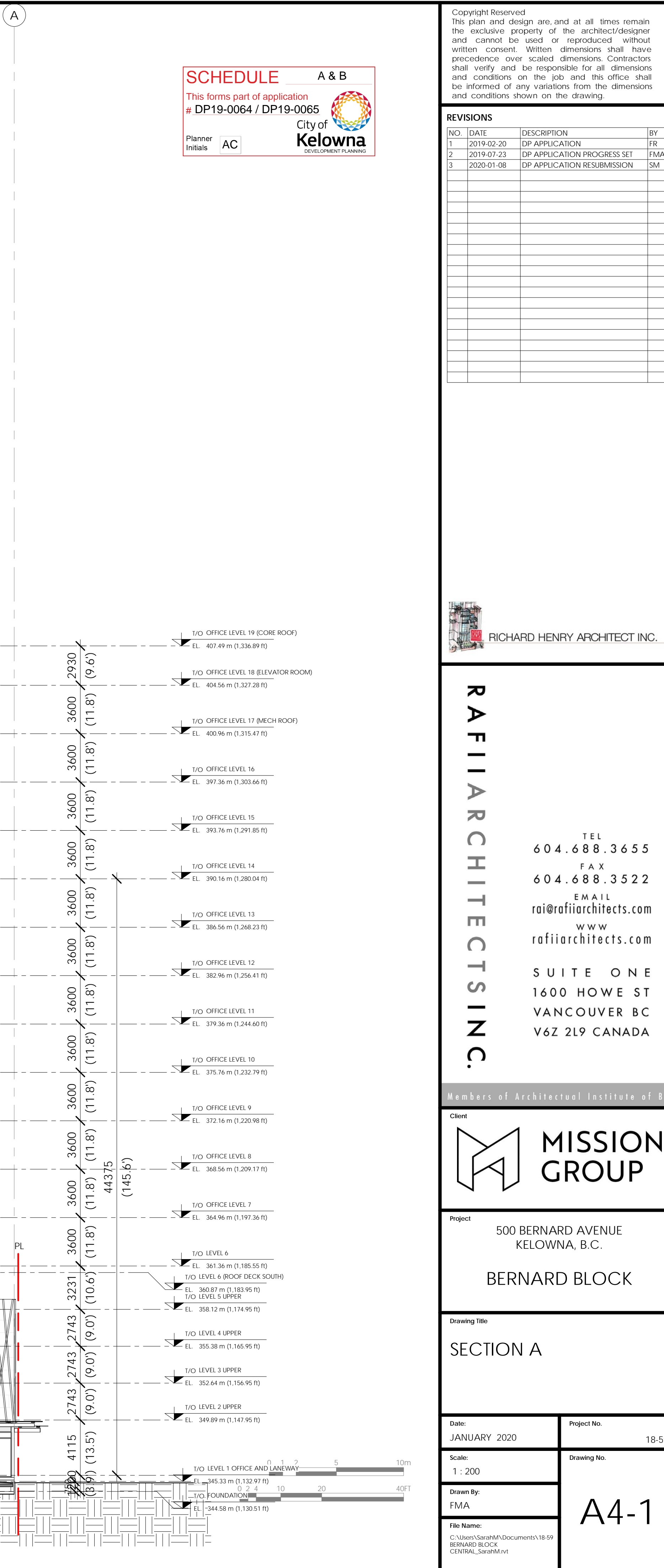
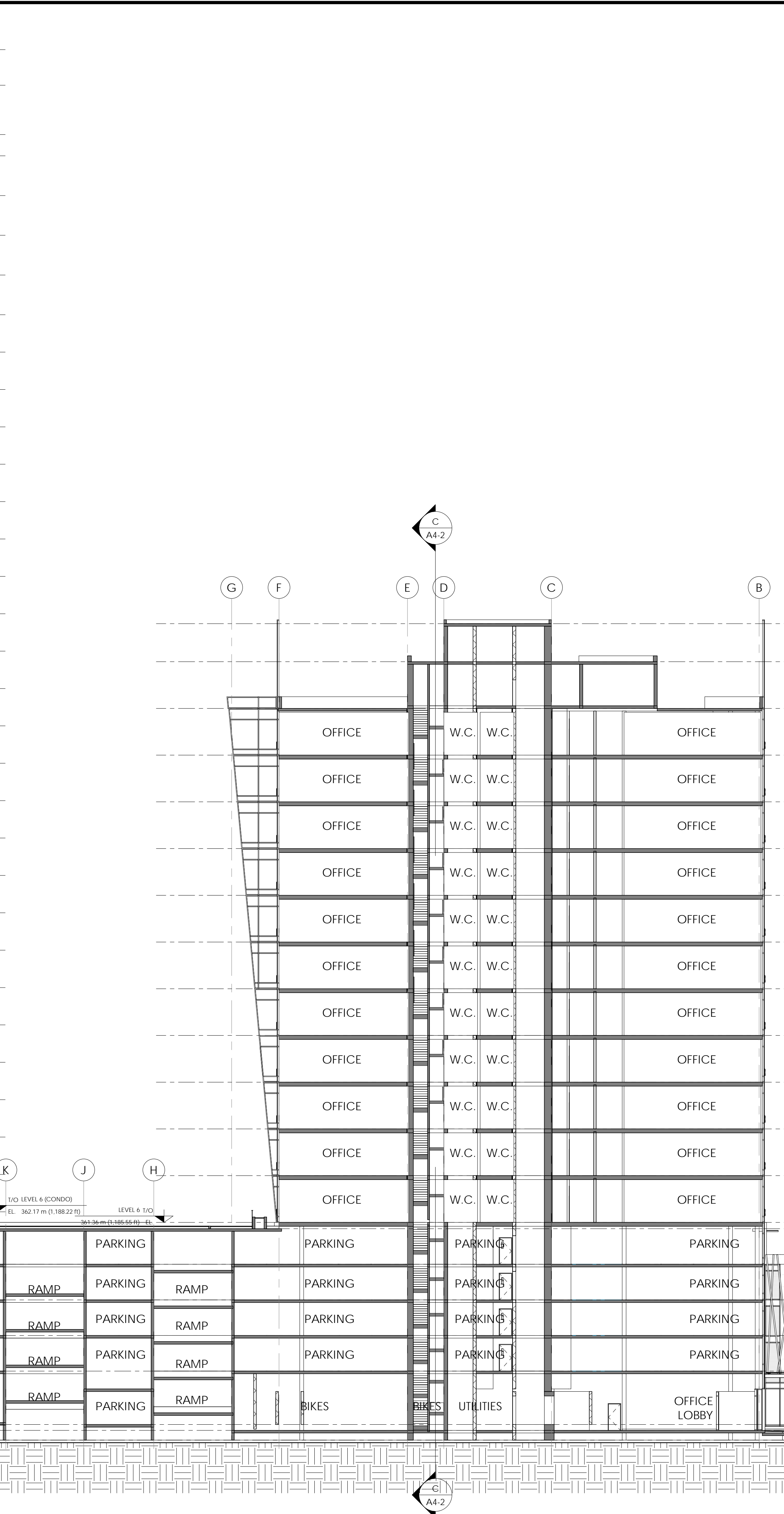
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KELOWNA, B.C.

BERNARD BLOCK

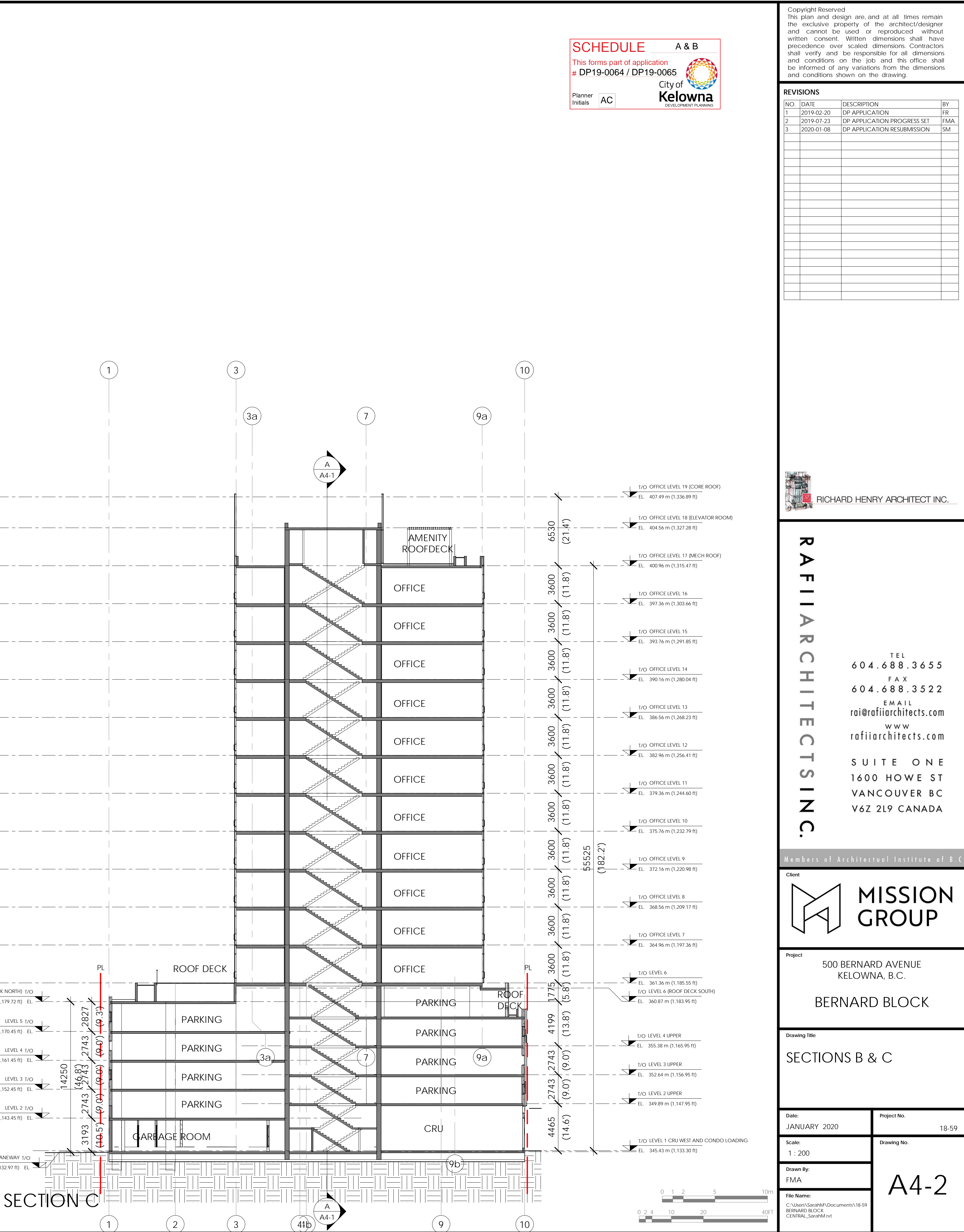
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EAST ELEVATION

Date: JANUARY 2020	Project No. 18-59
Scale: 1 : 200	Drawing No.
Drawn By: FMA	A3-4
File Name: C:\Users\Briani\Documents\18-59 BERNARD BLOCK CENTRAL_Briani\Inv	



CENTRAL_SarahM.vrt



75



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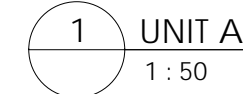
UNIT PLANS

1 : 50

SM

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BERNARD BLOCK
CENTRAL_SarahM.rvt

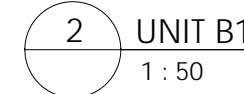
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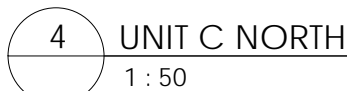
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UNIT A	LEVELS 7-14	1 BED	30	438.07 SF
			30	



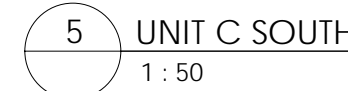
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UNIT B	LEVELS 6-30	1B+D	25	537.08 SF
			25	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
UNIT B1	LEVELS 6-30	1 BED	25	523.32 SF
			25	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
UNIT C NORTH	LEVELS 6-30	2 BED	25	801.44 SF
			25	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
UNIT C SOUTH	LEVELS 6-30	2 BED	25	801.44 SF
			25	

A & B

DP19-0064 / DP19-0065

Planner Initials AC

REVISIONS

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167 219 CANADA

Client



Project

BERNARD BLOCK

Drawing Title

UNIT PLANS

Date: _____

Project No. _____

JANUARY 2020

18-59

As indicated

Drawing No.

Drawn By:

SM

File Name: A5-2

C:\Users\SarahM\Documents\18-59

BERNARD BLOCK
CENTRAL_SarahM.rvtUNIT CT NORTH
1 : 50

25



2 UNIT CT SOUTH
1:50

25



3	UNIT C2
---	---------

9



4 UNIT STUDIOS

STUDIO	LEVELS 6-28	STUDIO	50	311.46 SF
			50	

RAFI ARCHITECTS INC.

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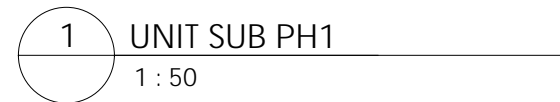
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500 BERNARD AVENUE
KELOWNA, B.C.

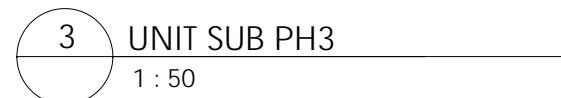
BERNARD BLOCK

UNIT PLANS

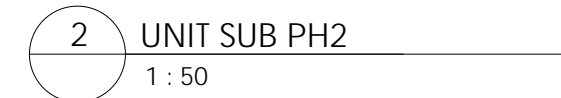
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JANUARY 2020	18-59
Scale:	Drawing No.
1 : 50	A5-3
Drawn By:	
GM	
File Name:	
C:\Users\SarahM\Documents\18-59 ERHARD BLOCK CENTRAL_SarahM.rvt	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH1	LEVELS 31-33	2 BED	3	976.52 SF
			3	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH3	LEVELS 31-33	1 BED	3	498.32 SF
3				



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH2	LEVELS 31-33	2 BED	3	819.91 SF
			3	

[illegible]

RAFI ARCHITECTS INC.

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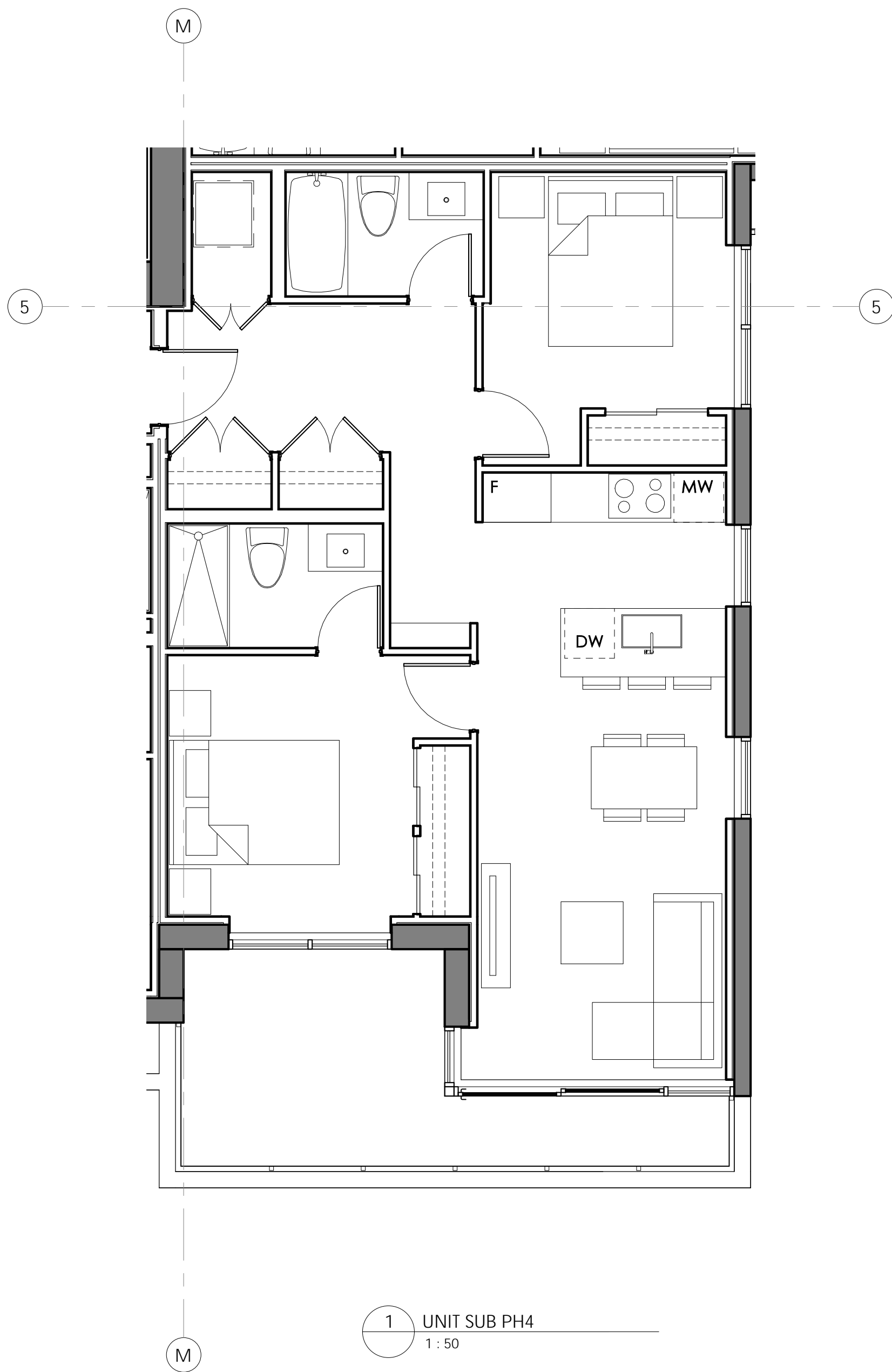
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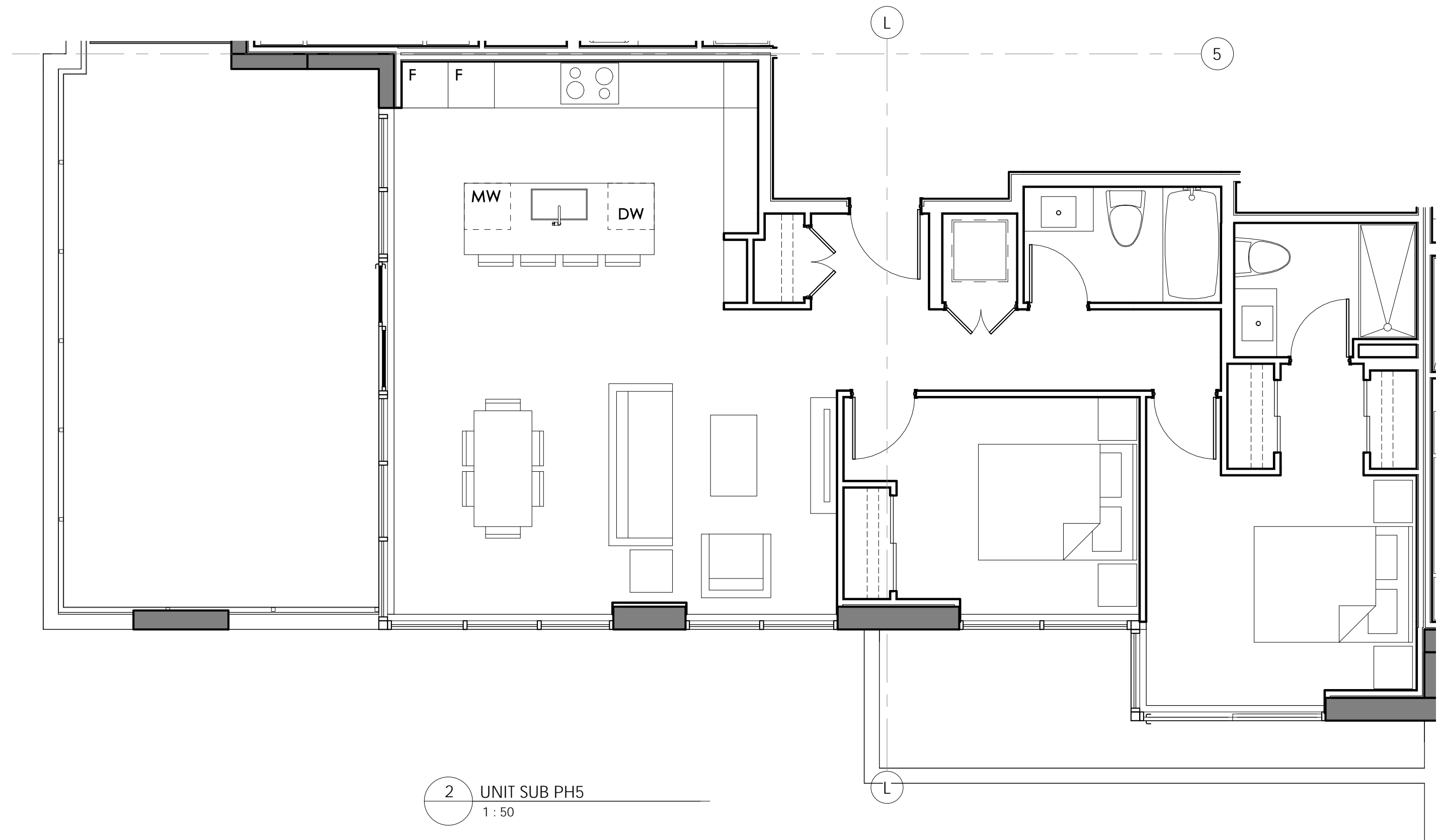
BERNARD BLOCK

UNIT PLANS

Date: JANUARY 2020	Project No. 18-59
Scale: 1 : 50	Drawing No. A5-4
Drawn By: SM	
File Name: C:\Users\SarahM\Documents\18-59 CENTRAL BLOCK CENTRAL_SarahM.rvt	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH4	LEVELS 31-33	2 BED	3	816.59 SF
			3	

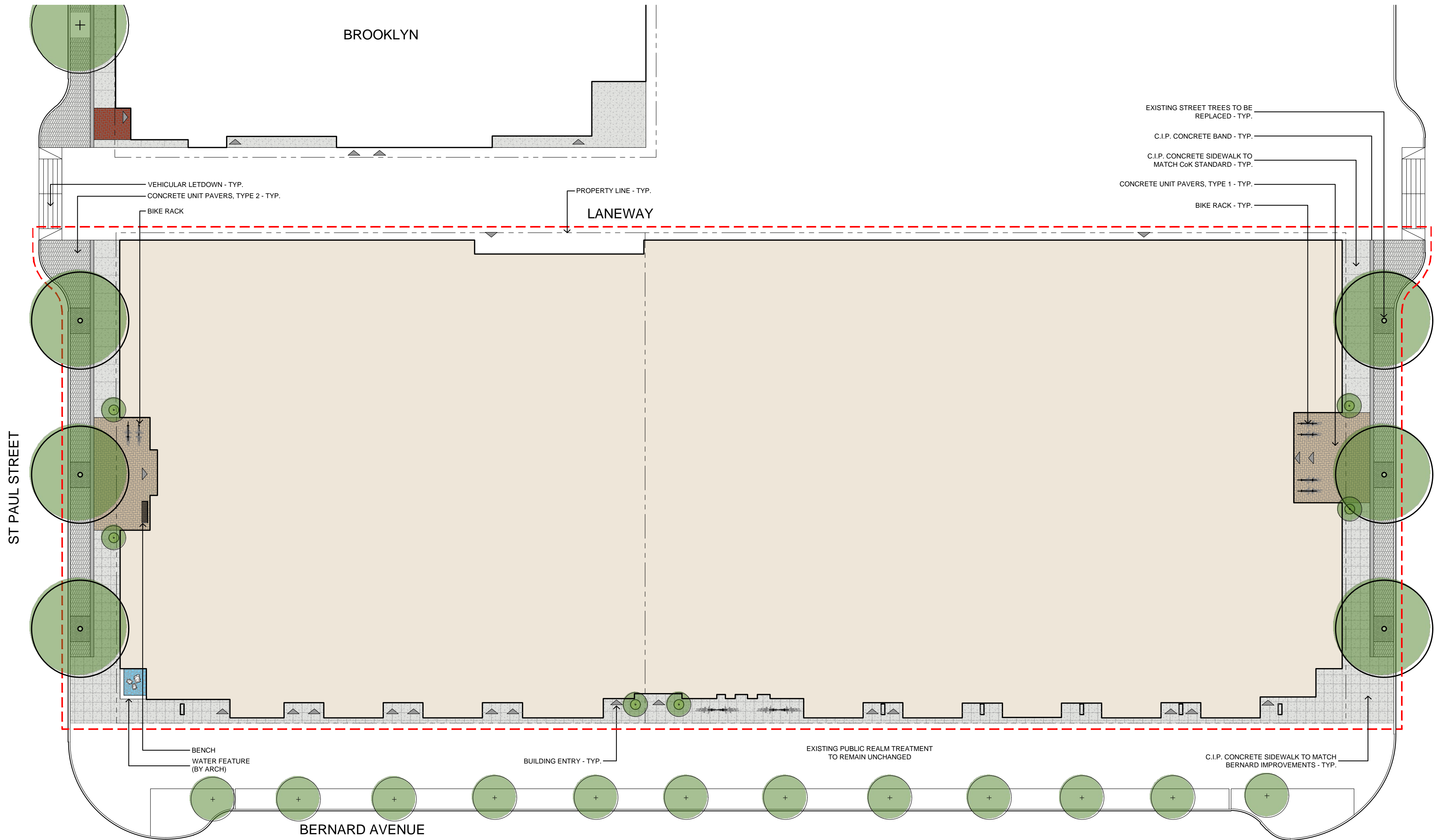


UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH5	LEVELS 31-33	2 BED	3	990.98 SF
			3	



UNIT TYPE	LEVELS	DESCRIPTION	COUNT	AREA
SUB PH6	LEVELS 31-33	2 BED	3	884.48 SF
			3	

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1 GROUND LEVEL PLAN
LDP 1 SCALE: 1:200

LANDSCAPE PLAN LEGEND:

	LIMIT OF WORK		C.I.P. CONCRETE SIDEWALK w/ SAWCUTS		HYDRAPRESSED CONCRETE SLABS		ARTIFICIAL TURF
	PROPERTY LINE		CONCRETE UNIT PAVERS - TYPE 1		COMPOSITE WOOD DECKING		STRING LIGHTS
	BUILDING ENTRY		CONCRETE UNIT PAVERS - TYPE 2		GRAVEL		BIKE RACK
	BUILDING ABOVE OUTLINE		CONCRETE UNIT PAVERS - TYPE 3		WATER FEATURE (BY ARCH)		FREESTANDING PLANTER
	RAISED C.I.P. CONCRETE WALL PLANTER		C.I.P. CONCRETE BAND		RIVER ROCK		GUARDRAIL (BY ARCH)

LANDSCAPE PLAN NOTES:

1. PLANT MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MINIMUM STANDARDS ESTABLISHED IN THE CANADIAN LANDSCAPE STANDARD (CURRENT EDITION).
2. THE LANDSCAPE DESIGN DESIGNATED HEREIN IS CONCEPTUAL BUT REFLECTS THE MINIMUM ACCEPTABLE QUALITY AND AREA.
3. PLANT MATERIAL SELECTIONS ARE CONCEPTUAL ONLY. FINAL PLANTING SELECTIONS MAY VARY DEPENDING UPON AVAILABILITY.
4. ALL PLANTING BEDS SHALL HAVE APPROVED MULCH.
5. ALL LANDSCAPE AREAS TO BE IRRIGATED WITH AN EFFICIENT AUTOMATIC IRRIGATION SYSTEM.
6. THIS DRAWING DEPICTS FORM AND CHARACTER AND IS TO BE USED FOR DEVELOPMENT PERMIT SUBMISSION ONLY. IT IS NOT INTENDED FOR USE AS A CONSTRUCTION DOCUMENT.

CHARACTER IMAGES



REPRESENTATIVE PLANT LIST

BOTANICAL NAME	COMMON NAME	SIZE	ROOT	MATURE PLANT SIZE (H X W)
TREES				
<i>Carpinus caroliniana</i>	AMERICAN HORNBEAM	40MM CAL.	B&B	6.00m x 6.00m
<i>Elaeagnus angustifolia</i>	RUSSIAN OLIVE	40MM CAL.	B&B	8.00m x 8.00m
<i>Fraxinus pennsylvanica</i>	GREEN ASH	60MM CAL.	B&B	18.00m x 12.00m
SHRUBS				
Buxus 'Green Gem'	Green Gem Boxwood	#02	POTTED	0.60m x 0.60m
BUDDLEIA X 'BLUE CHIP'	Lo & Behold Butterfly Bush	#01	POTTED	1.00m x 1.00m
PERRENIALS / GRASSES				
Allium sphaerocephalon	DRUMSTICK ALLIUM	n/a	BULB	0.60m x 0.10m
Artemisia x 'Powis Castle'	POWIS CASTLE ARTEMISIA	#01	POTTED	0.90m x 0.90m
Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS	#01	POTTED	1.50m x 1.00m
Lychnis cononaria	ROSE CAMPION	#01	POTTED	1.00m x 0.60m
Miscanthus sinensis 'Gracillimus'	MAIDEN GRASS	#01	POTTED	1.75m x 1.00m
Molinia caerulea 'Variegata'	VARIEGATED MOOR GRASS	#01	POTTED	0.50m x 1.00m
Perovskia atriplicifolia 'Little Spire'	LITTLE SPIRE RUSSIAN SAGE	#01	POTTED	0.60m x 0.40m

SCHEDULE A & B

This forms part of application
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Planner Initials AC

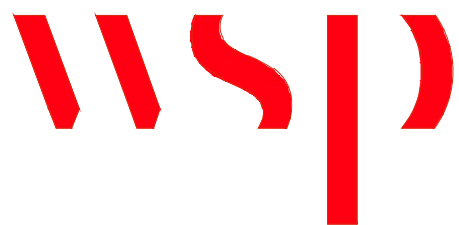
City of Kelowna
DEVELOPMENT PLANNING

REVISIONS / ISSUED		
3	JAN 09/20	RE-ISSUED FOR DP
2	SEP 19/19	ISSUED FOR DP PROGRESS SET
1	JAN 31/19	ISSUED FOR DP
NO.	DATE	DESCRIPTION

PROJECT
BERNARD BLOCK

CLIENT
MISSION GROUP

CONSULTANT
RAFI ARCHITECTS INC.



LANDSCAPE ARCHITECTURE | URBAN DESIGN | PLANNING | ENGINEERING
Suite 700, 1631 Dickson Avenue, Kelowna, BC V1Y 0B5 t:250.869.1334 www.wsp.com

DESIGN BY	TC
DRAWN BY	BL
CHECKED BY	TC
PROJECT #	18M-02081
SCALE	1:200

SHEET TITLE
LANDSCAPE PLAN

SHEET NO.
LDP 1

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ST PAUL STREET

BROOKLYN

LANEWAY

BERNARD AVENUE

1 LEVEL 6 PLAN
LDP2 SCALE: 1:200



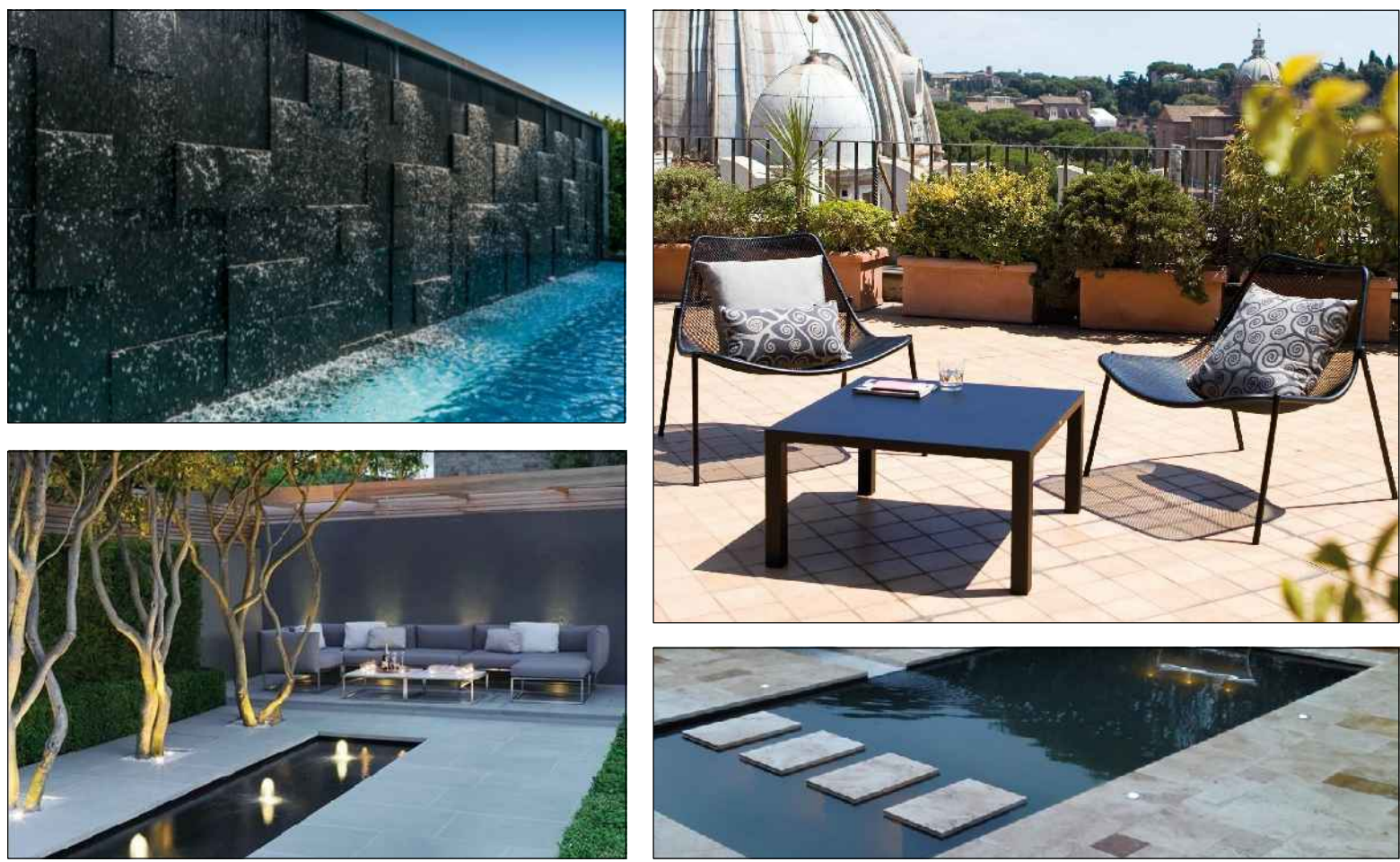
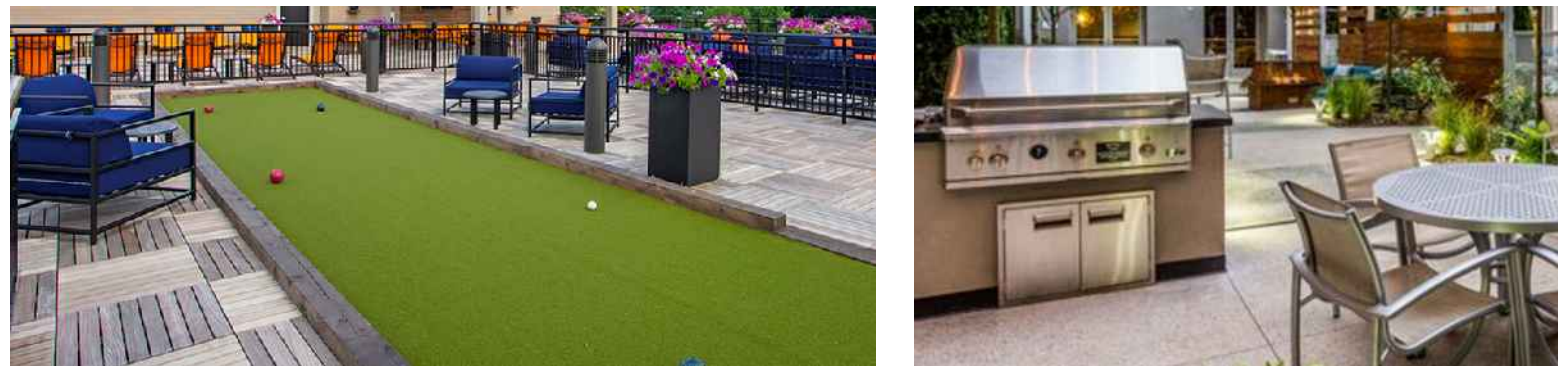
LANDSCAPE PLAN LEGEND:

	LIMIT OF WORK		C.I.P. CONCRETE SIDEWALK w/ SAWCUTS		HYDRAPRESSED CONCRETE SLABS		ARTIFICIAL TURF
	PROPERTY LINE		CONCRETE UNIT PAVERS - TYPE 1		COMPOSITE WOOD DECKING		STRING LIGHTS
	BUILDING ENTRY		CONCRETE UNIT PAVERS - TYPE 2		GRAVEL		BIKE RACK
	BUILDING ABOVE OUTLINE		CONCRETE UNIT PAVERS - TYPE 3		WATER FEATURE (BY ARCH)		FREESTANDING PLANTER
	RAISED C.I.P. CONCRETE WALL PLANTER		C.I.P. CONCRETE BAND		RIVER ROCK		GUARDRAIL (BY ARCH)

- CONCRETE 'STEPPING STONES'
- WATER FEATURE w/ JETS OR BUBBLERS - FLUSH w/ PAVING
- COMPOSITE WOOD DECKING
- SCULPTURE
- UNPROGRAMMED OPEN SPACE FOR YOGA, DANCE FLOOR ETC.
- MOVEABLE ADIRONDACK CHAIR
- LOUNGE SEATING
- COMMUNITY GARDEN
- GARDEN SHED
- WATER WALL
- HANDRAIL, STEPS AND RAMP, BY ARCHITECT - TYP.
- RIVER ROCK ROOF DRESSING - TYP.
- OUTDOOR DINING AREA w/ BBQs, SERVICE COUNTER AND SEATING AREA w/ SHADE STRUCTURE
- DECIDUOUS SHADE TREE - TYP.
- SHADE STRUCTURE
- EATING BAR WITH VIEWS TO BERNARD AVENUE
- SMALL ORNAMENTAL TREE IN FREE STANDING PLANTER
- FREE STANDING PLANTER (TYP.)
- GUARDRAIL - BY ARCHITECT
- RIVER ROCK ROOF DRESSING - TYP.
- LEVEL 5 DOG RUN
- LEVEL 5 PLANTING - TYP.

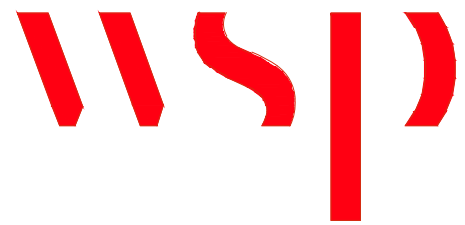
SCHEDULE A & B
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ROOF TERRACE CHARACTER IMAGES



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PROJECT # 18M-02081
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SHEET TITLE
LANDSCAPE PLAN
SHEET NO.
LDP 2

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ST PAUL STREET

BROOKLYN

PROPERTY LINE - TYP.
LANEWAY

WATER WALL
POOLSIDE CHAIRS
COMPOSITE DECKING
SEATING AREA WITH GAS FIREPLACE
SEATING AREA
BBQ

BERTRAM STREET

SHADE STRUCTURE
OUTDOOR DINING AREA
w/ SHADE STRUCTURE
RIVER ROCK ROOF DRESSING - TYP.
GUARDRAIL - BY ARCHITECT
HYDRAPRESSED
CONCRETE SLABS (TYP.)
SMALL ORNAMENTAL TREES
LOUNGE SEATING w/ FIRE TABLES
ARTIFICIAL TURF
RAISED C.I.P. CONCRETE PLANTER (TYP.)
EATING BAR WITH VIEWS TO
BERNARD AVENUE
LOUNGE SEATING

GUARDRAIL - BY ARCHITECT
HOT TUB
- BY ARCHITECT
TRELLIS SUNSHADE
- BY ARCHITECT
HOT TUB LOUNGE CHAIRS
SEATING AREA

1
LDP3

OFFICE AND CONDO ROOFS PLAN

SCALE: 1:200



LANDSCAPE PLAN LEGEND:

	LIMIT OF WORK		C.I.P. CONCRETE SIDEWALK w/ SAWCUTS		HYDRAPRESSED CONCRETE SLABS		ARTIFICIAL TURF
	PROPERTY LINE		CONCRETE UNIT PAVERS - TYPE 1		COMPOSITE WOOD DECKING		STRING LIGHTS
	BUILDING ENTRY		CONCRETE UNIT PAVERS - TYPE 2		GRAVEL		BIKE RACK
	BUILDING ABOVE OUTLINE		CONCRETE UNIT PAVERS - TYPE 3		WATER FEATURE (BY ARCH)		FREESTANDING PLANTER
	RAISED C.I.P. CONCRETE WALL PLANTER		C.I.P. CONCRETE BAND		RIVER ROCK		GUARDRAIL (BY ARCH)

SCHEDULE A & B

This forms part of application
DP19-0064 / DP19-0065

Planner Initials AC

ROOF TERRACE CHARACTER IMAGES

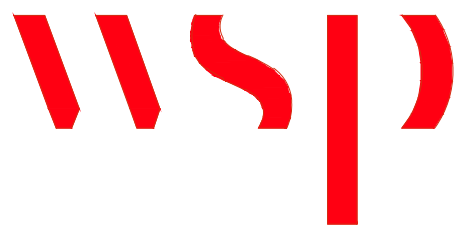


REVISIONS / ISSUED		
NO.	DATE	DESCRIPTION
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1	JAN 31/19	ISSUED FOR DP

PROJECT
BERNARD BLOCK

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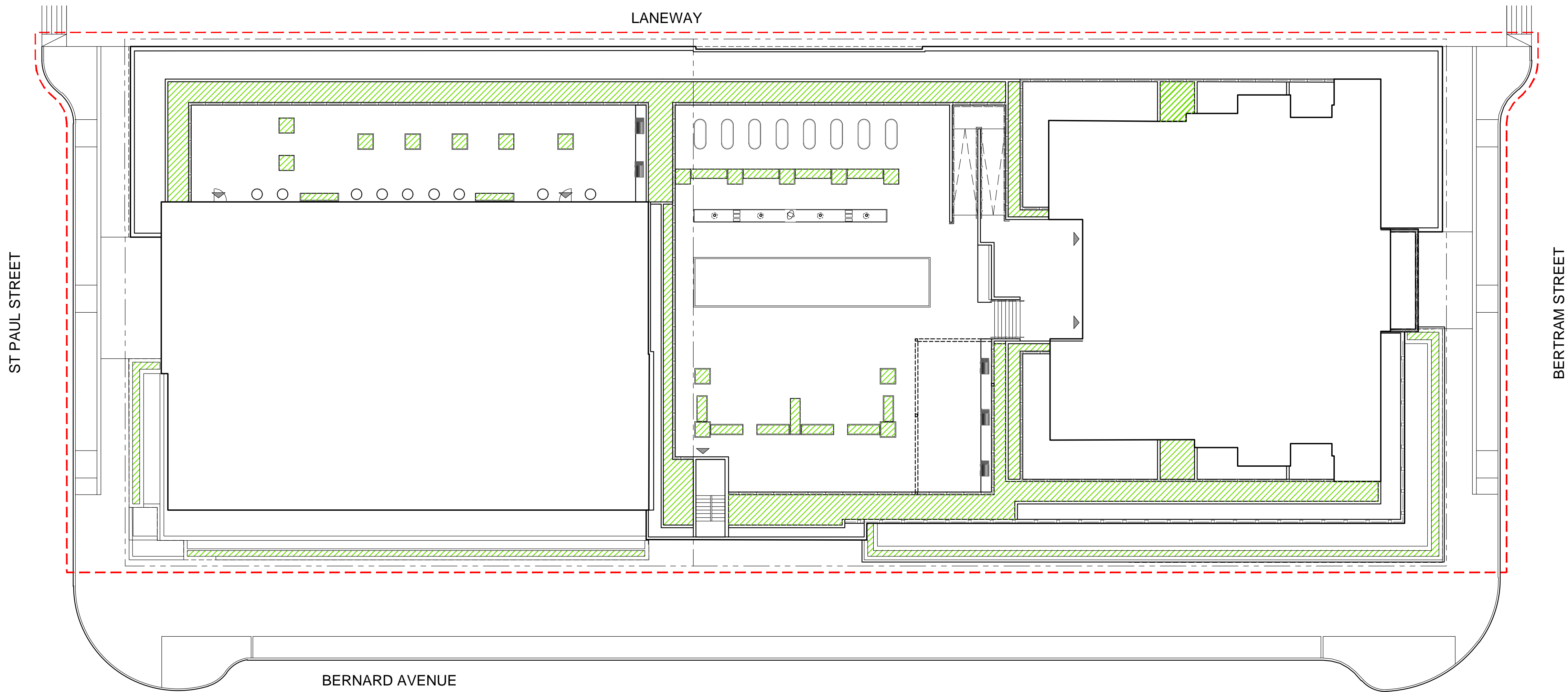
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DESIGN BY	TC
DRAWN BY	BL
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PROJECT #	18M-02081
SCALE	1:200

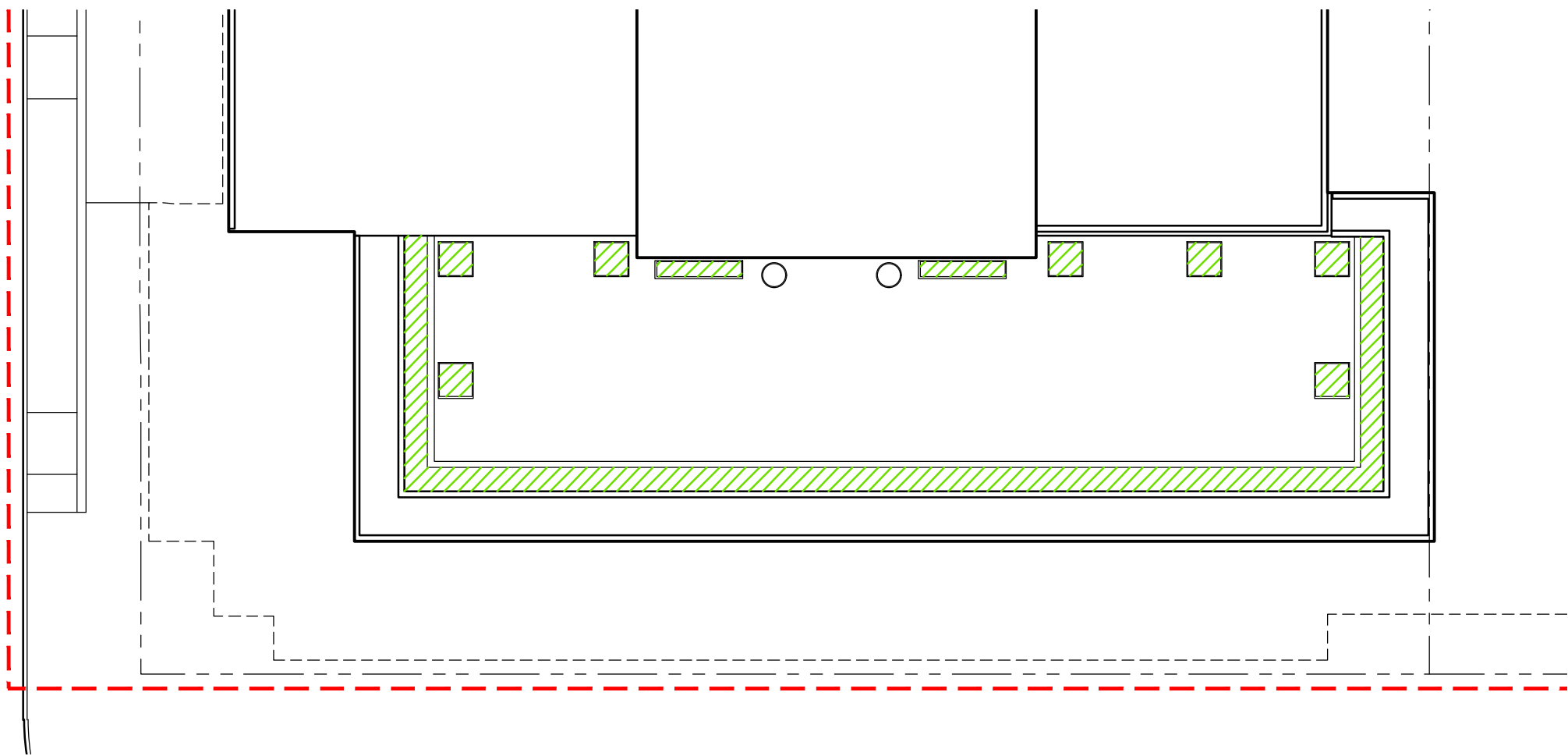
SHEET TITLE
LANDSCAPE PLAN

SHEET NO.
LDP 3

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1 GROUND, LEVEL 6 & 5 HYDROZONE PLAN
LDP4 SCALE: 1:200



2 LEVEL 17 HYDROZONE PLAN
LDP4 SCALE: 1:200

HYDROZONE PLAN LEGEND:
LOW WATER REQUIREMENTS - 436sq.m.

SCHEDULE A & B

This forms part of application
DP19-0064 / DP19-0065

Planner Initials AC

City of Kelowna
DEVELOPMENT PLANNING

ROOF TERRACE PLANTING CHARACTER IMAGES

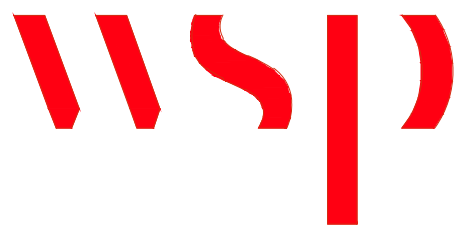


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MISSION GROUP

CONSULTANT
RAFI ARCHITECTS INC.



LANDSCAPE ARCHITECTURE | URBAN DESIGN | PLANNING | ENGINEERING
Suite 700, 1631 Dickson Avenue, Kelowna, BC V1Y 0B5 t:250.869.1334 www.wsp.com

DESIGN BY	TC
DRAWN BY	BL
CHECKED BY	TC
PROJECT #	18M-02081
SCALE	1:200

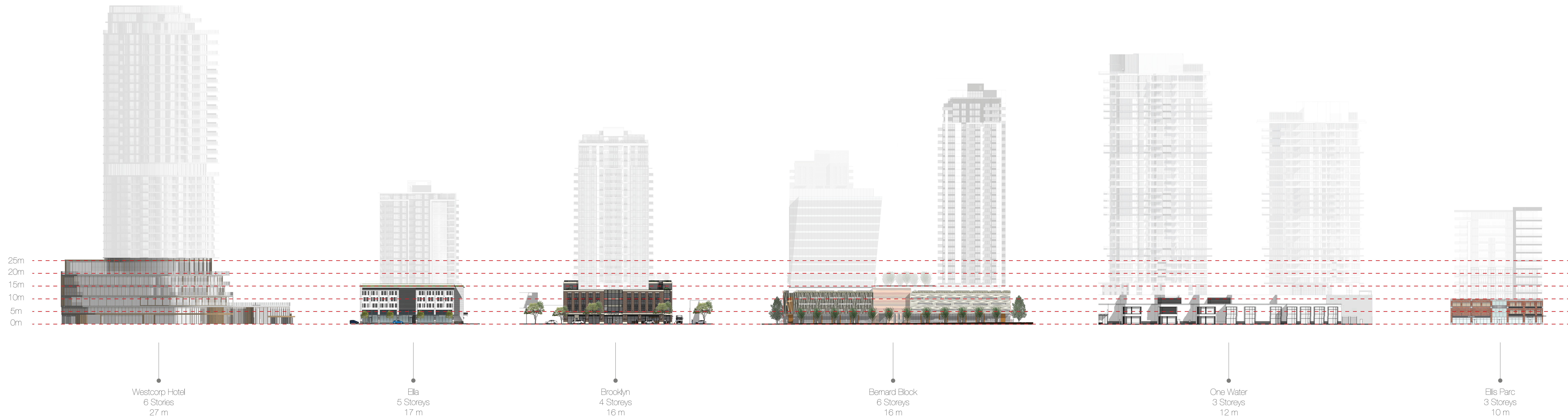
SHEET TITLE
HYDROZONE PLAN

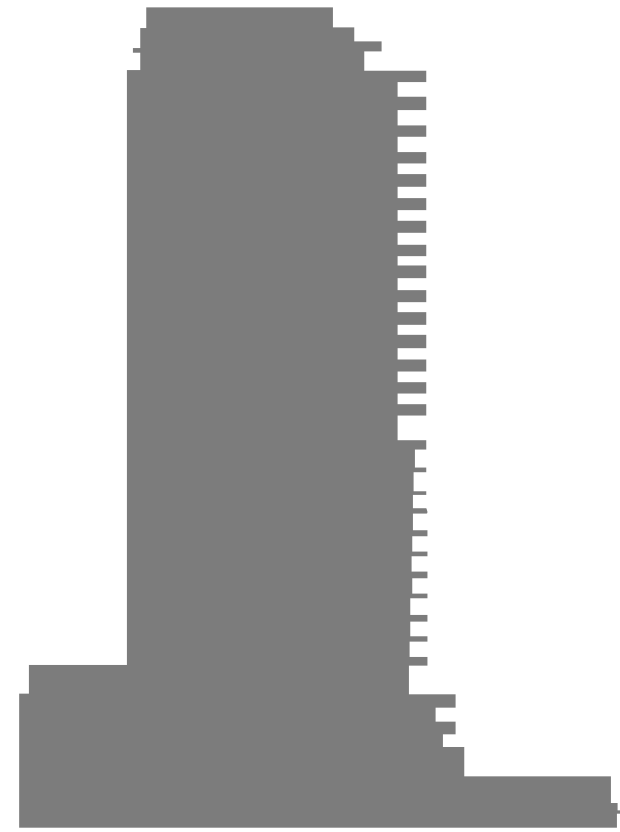
SHEET NO.
LDP 4



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SCHEDULE A & B
This forms part of application
DP19-0064 / DP19-0065
Planner Initials AC
City of Kelowna
DEVELOPMENT PLANNING





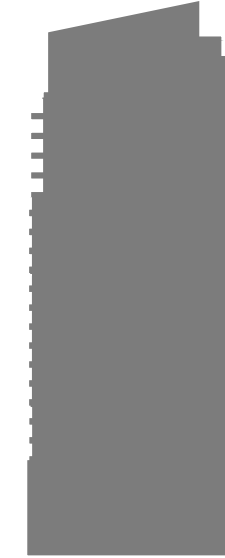
Westcorp Hotel
 33 Stories
 130m



One Water
 36 & 29 Storeys
 119m & 98m



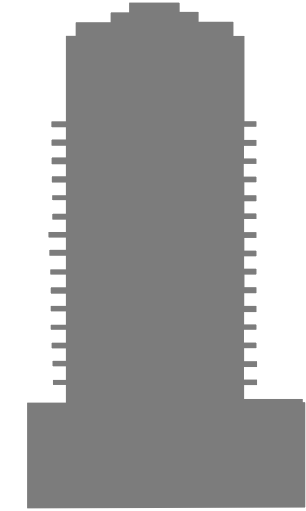
Bernard Block
 18 & 36 Storeys
 58m & 106m



Skye at Waterscapes
 27 Storeys
 88m



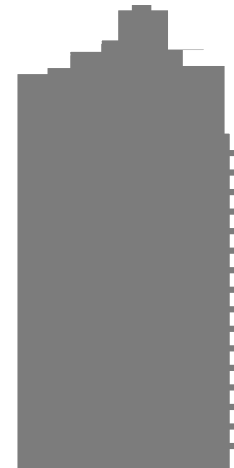
Landmark 6
 18 Storeys
 81m



Brooklyn
 26 Storeys
 75 m



Capri Centre | Phase 1
 22 Storeys
 70m



1151 Sunset
 21 Storeys
 70m



Discovery Pointe
 22 Storeys
 70m



Park Place
 17 Storeys
 62m



Ella
 19 Storeys
 58m



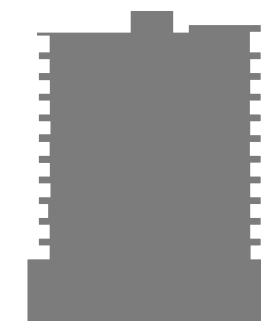
The Lagoons
 17 Storeys
 56m



The Dolphins
 17 Storeys
 56m



Landmark Two
 11 Storeys
 50m



Ellis Parc
 14 Storeys
 49m

REPORT TO COUNCIL



Date: June 2nd 2020

To: Council

From: City Manager

Department: Development Planning Department

Application: DP19-0161 & DVP19-0162

Owner: MJI Contracting Inc., Inc. No. BC0915334

Address: 1659 Water Street

Applicant: MJI Contracting Inc – Mathew Isabelle

Subject: Development Permit & Development Variance Permit Application

OCP Designation: MXR – Mixed Use (Residential/Commercial)

Zone: C7 – Central Business Commercial

1.0 Recommendation

That Council authorizes the issuance of Development Permit No. DP19-0161 for Lot 12, Block 6, District Lot 139, ODYD, Plan 462, Except Plan KAP82841 located at Water St, Kelowna, BC, subject to the following:

1. The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A,";
2. The exterior design and finish of the building to be constructed on the land, be in accordance with Schedule "B";

AND THAT Council authorize the issuance of Development Variance Permit DVP19-0162 for Lot 12, Block 6, District Lot 139, ODYD, Plan 462, Except Plan KAP82841 located at Water St, Kelowna, BC;

AND THAT the variances to the following sections of Zoning Bylaw No. 8000 be granted:

Section 14.7.5(h) - C7 – Central Business Commercial - Development Regulations

1. To vary the setback above the 16.0 m height mark for the front yard from 3.0 m to 0.0 m.
2. To vary the setback above the 16.0 m height mark for the side yard (east) from 4.0 m to 0.1 m.
3. To vary the setback above the 16.0 m height mark for the flanking side yard (west) from 4.0 m to 0.0 m.

Table 8.3.2 - Required Off-Street Parking Requirements - Commercial

4. To vary the minimum off-street parking from 10 stalls to 3 stalls (cash-in-lieu for the remainder 3 stalls).

Table 8.5 - Minimum Bicycle Parking Required

5. To vary the minimum off-street short-term bicycle parking from 6 stalls to 0 stalls.

Section 14.7.7(d) - C7 – Central Business Commercial - Other Regulations

6. To vary the minimum commercial on ground floor area percentage from 90% to 68% on Leon Avenue and 40% on Water Street.

AND FURTHER THAT this Development Permit and Development Variance Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend.

2.0 Purpose

To consider a Form & Character Development Permit of a six storey office and retail commercial building and to consider six variances to the Zoning Bylaw.

3.0 Development Planning

Staff are recommending support for the proposed Development Permit because of its consistency with architectural design principals within the Official Community Plan's (OCP) urban design guidelines as well as recommending support of the associated variances due to rationale stated below.

The original proposal was to vary the number of parking stalls from ten to zero. This issue was addressed and debated by Council on March 17th 2020. There is no viable area available for parking on this site thus the necessity to vary the parking regulations. The applicant could have provided cash-in-lieu of parking and this would have eliminated the necessity of a variance. However, the applicant argued this would eliminate the financial viability of the project. The Zoning Bylaw requires 10 stalls which would result in a cash-in-lieu payment of \$330,000. The lack of a cash-in-lieu of parking was the primary reason Staff recommended against the original proposal.

Council deferred the item and suggested the applicant renegotiate with Staff on the conditions of cash-in-lieu. The applicant has revised their application and is proposing to pay three cash-in-lieu stalls (totaling \$99,000) and to vary the remainder of the seven parking stalls. The applicant has provided an updated rationale justifying the proposal (attached to this report).

Despite the small building footprint and the small total building area, the applicant has included a bike storage room for 13 long term bike stalls on the ground floor with the associated End-of-Trip facilities (washrooms, change rooms, lockers, and showers) to encourage active transportation options to and from work.

Overall, due to the unique nature of the small lot and Council's suggestion to negotiate a compromise, Staff are recommending support for the proposed Development Permit and Development Variance Permit. The unique circumstances on this site is not readily applicable to other Urban Centre development sites and should not be seen as a precedent to vary parking regulations instead of providing cash-in-lieu.

4.0 Proposal

4.1 Project Description

The proposal is to build a six-storey commercial development with ground floor retail, upper floor offices, common rooftop patio, and no parking onsite. The proposal contains 964.4 m² (approx. 10,380 ft²) of commercial space.

The building materials are predominately glazing with metal siding stained in wood colour. The rear two storey addition is brick. The accent materials include wood canopies and exposed concrete. The lane facing façade and the east facing façade are concrete fire walls. There will also be a roof top patio deck providing amenity area for the various office staff.

The retail at street level is designed to accommodate 1-2 tenants with floor to ceiling storefront glazing. Signage will be refined and intentional within the architectural design as per the attached drawings.

Staff have discussed the possible snow load issue on the adjacent property's roof and the applicant believes the issue is solvable through the building permit processes. The City considers the matter a civil issue between property owners.

Subject Property Map: 1659 Water St.



4.2 Zoning Analysis Table

The zoning analysis table shows the requirements of the C7 zone compared to the proposal:

Zoning Analysis Table		
CRITERIA	C7 ZONE REQUIREMENTS	PROPOSAL
For portion of building between 0.0 metres & 16.0 metres in height		
Front Yard (Leon Ave)	0.0 m	0.0 m
Side Yard (East)	0.0 m	0.0 m
Side Yard (Water St)	0.0 m	0.0 m
Rear Yard (Lane)	0.0 m	0.0 m
For portion of building between 16.0 metres & above in height		
Front Yard (Leon Ave)	3.0 m	0.0 m ❶
Side Yard (East)	4.0 m	0.1 m ❷
Side Yard (Water St)	4.0 m	0.0 m ❸
Rear Yard (Lane)	3.0 m	6.6 m
Floorplate	1,221 m ²	177.5 m ²
Development Regulations		
Height	76.5m (approx. 26 storeys)	26.5 m (6 storeys)
FAR	9.0	2.81
Parking Regulations		
Minimum Parking Requirements	10 Stalls	0 parking stalls ❹
Min. Loading Spaces	0 stalls	0 stalls
Ratio of Parking Stalls	Small Parallel: n/a Compact Size: 10% Max Medium Size: 40% Max Regular Size: 50% Min	Small Parallel: n/a Compact Size: n/a Medium Size: n/a Regular Size: n/a
Minimum Bicycle Parking Requirements	Long Term: 2 bikes Short Term: 6 bikes	Long Term: 13 bikes Short Term: 0 bikes ❺
Other Regulations		
Minimum frontage for commercial, civic, cultural, or ground oriented residential on 1 st floor	Leon Avenue: 90% (8.6m x 0.9 = 7.75m) Water Street: 90% (36.02m x 0.9 = 32.42m)	Leon Avenue: 5.9m / 68% ❻ Water Street: 14.2m / 39.4% ❻
❶ Variance to reduce the front yard setback for portions of building between 16.0 m & above in height ❷ Variance to reduce the side yard (north) setback for portions of building between 16.0 m & above in height ❸ Variance to reduce the side yard (south) setback for portions of building between 16.0 m & above in height.		

Zoning Analysis Table		
CRITERIA	C7 ZONE REQUIREMENTS	PROPOSAL
④ Variance to reduce the number of required parking spaces from 10 stalls to 3 stalls with 3 cash-in-lieu spots.		
⑤ Variance to decrease the amount of short-term bicycle stalls provided from 6 required to 0 provided		
⑥ Variance to reduce the minimum commercial on ground floor from 90% to 68% on Leon Avenue and 40% on Water Street		

5.0 Current Development Policies

5.1 Kelowna Official Community Plan (OCP)

Chapter 5: Development Process

Compact Urban Form.¹ Develop a compact urban form that maximizes the use of existing infrastructure and contributes to energy efficient settlement patterns. This will be done by increasing densities (approximately 75 - 100 people and/or jobs located within a 400 metre walking distance of transit stops is required to support the level of transit service) through development, conversion, and re-development within Urban Centres (see Map 5.3) in particular and existing areas as per the provisions of the Generalized Future Land Use Map 4.1.

Contain Urban Growth.² Reduce greenfield urban sprawl and focus growth in compact, connected and mixed-use (residential and commercial) urban and village centres.

6.0 Technical Comments

6.1 Development Engineering Department

See attached memorandum dated August 19th 2019.

7.0 Application Chronology

Date of Application Received: August 8th 2019
Date of Public Notification: November 15th 2019
Date Application deferred by Council: March 17th 2020

Report prepared by: Adam Cseke, Planner Specialist
Reviewed by: Terry Barton, Development Planning Department Manager
Approved by: Ryan Smith, Divisional Director, Planning & Development Services

Attachments:

Updated Applicant Rationale
Draft DP19-0161 & DVP19-0162

¹ City of Kelowna Official Community Plan, Policy 5.2.3 (Development Process Chapter).

² City of Kelowna Official Community Plan, Goals for a Sustainable Future, Objective 1 (Chapter 1 Introduction)



DP19-0161 & DVP16-0162 1659 Water Street

Development Permit & Development Variance Permit



Proposal

- ▶ To consider a Staff recommendation of support for a Form & Character Development Permit of a six storey commercial building as well as to consider six variances to the Zoning Bylaw.

Development Process

Aug 8, 2019

Development Application Submitted



Staff Review & Circulation



Nov 15, 2019

Public Notification Received



Mar 17, 2020

DP & Variances

} Council
Deferred



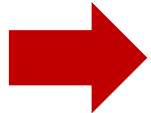
Jun 2, 2020

DP & Variances

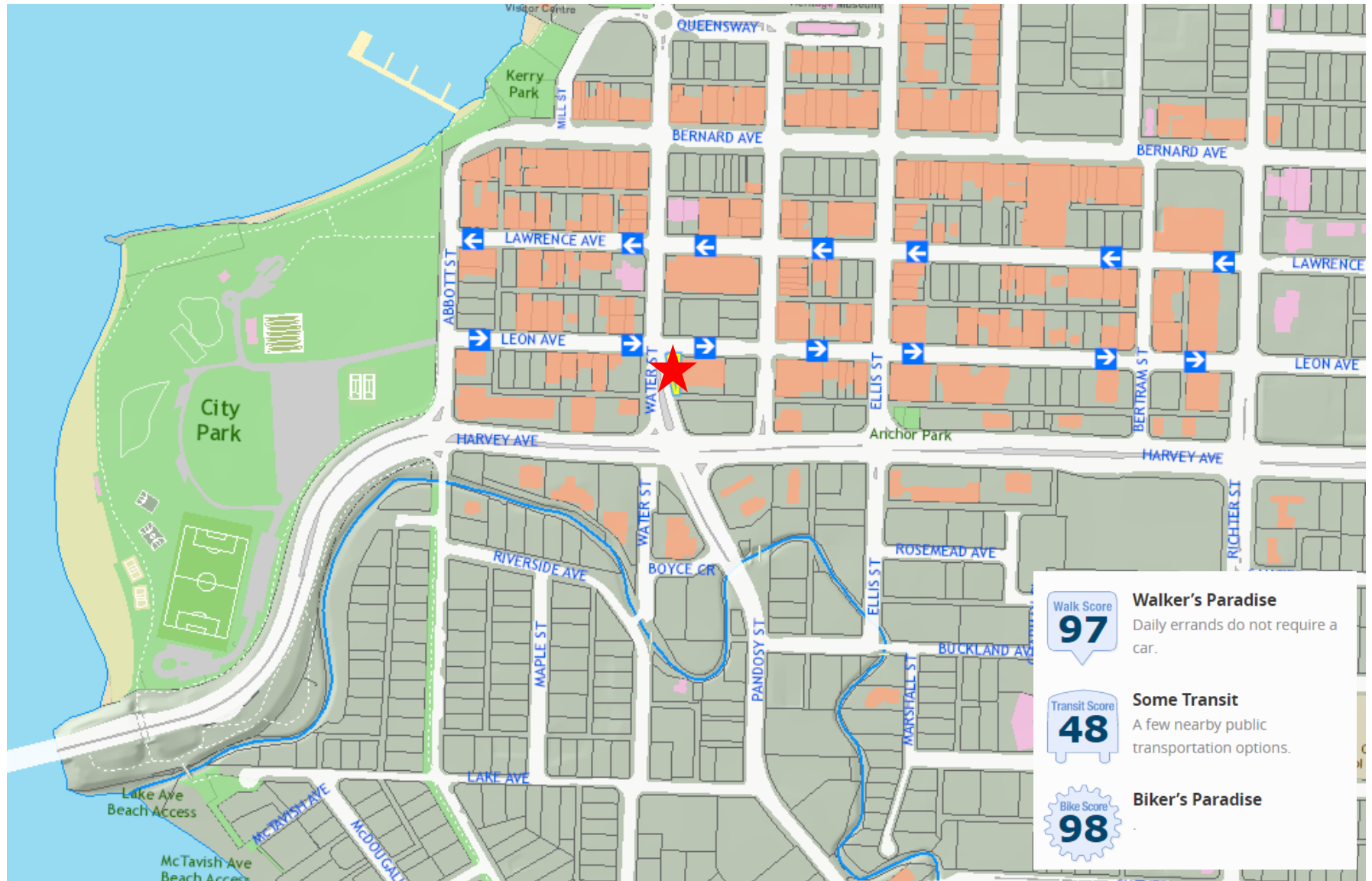
} Council
Approvals



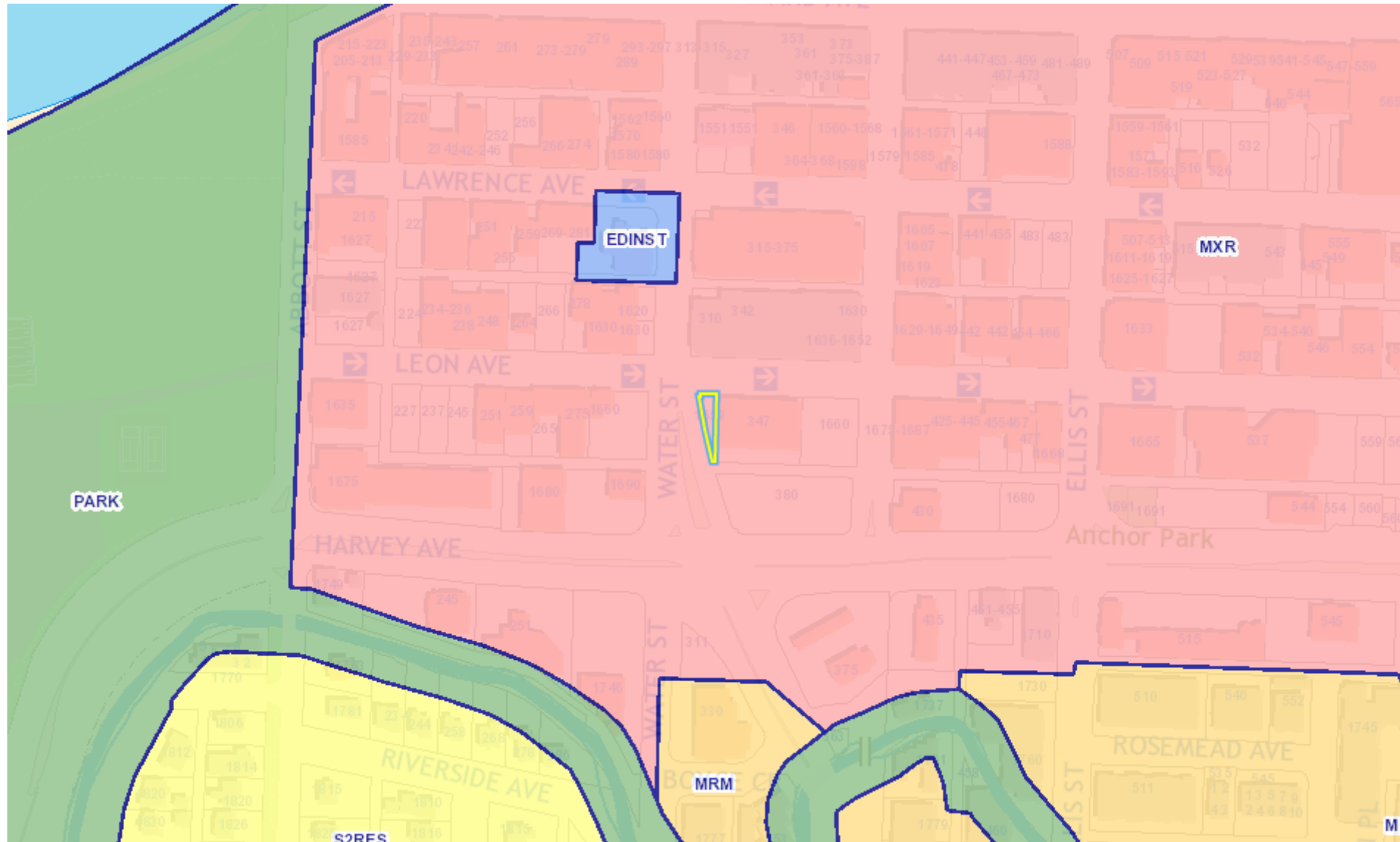
Building Permit



Context Map



OCP Future Land Use / Zoning



Subject Property Map



Subject Property



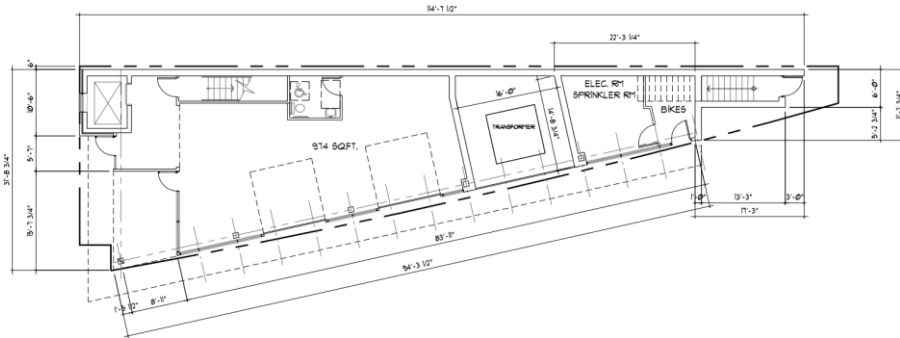
Project Details

- ▶ Six storey office and retail commercial building.
- ▶ Ground floor retail (964.4m² of commercial retail), upper floor offices, common rooftop patio and no parking onsite
- ▶ Building materials are predominately glazing with metal siding stained in wood colour
- ▶ Rear storey addition is brick
- ▶ Several variances to reduce parking, upper floor setbacks and frontage area dedicated towards functional commercial space

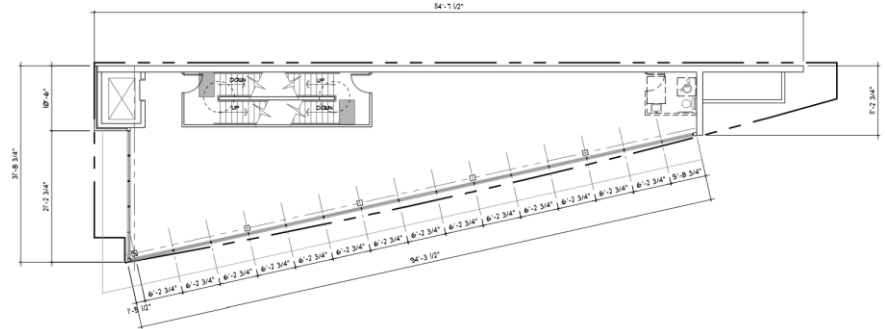
Variances

- ① Variance to reduce the front yard setback for portions of building between 16.0 metres & above in height
- ② Variance to reduce the side yard (north) setback for portions of building between 16.0 metres & above in height
- ③ Variance to reduce the side yard (south) setback for portions of building between 16.0 metres & above in height
- ④ Variance to reduce the number of required parking spaces from 10 stalls to 3 stalls (then provide 3 cash-in-lieu totaling \$99,000)
- ⑤ Variance to decrease the amount of short-term bicycle stalls provided from 6 required to 0 provided
- ⑥ Variance to reduce the minimum commercial on ground floor from 90% to 68% on Leon Avenue and 40% on Water Street

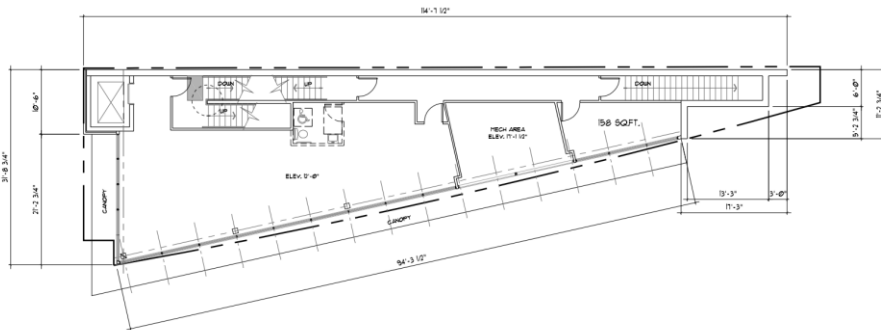
Floor Plan



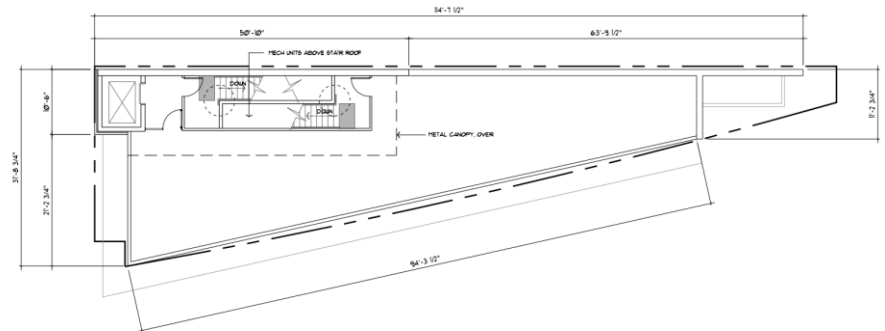
MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"



THIRD - SIXTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

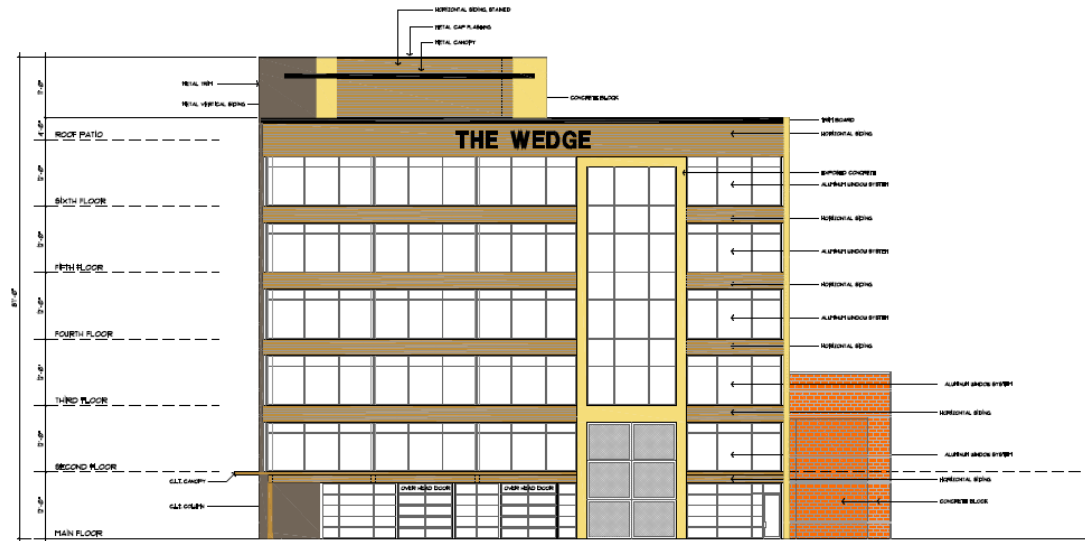


SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

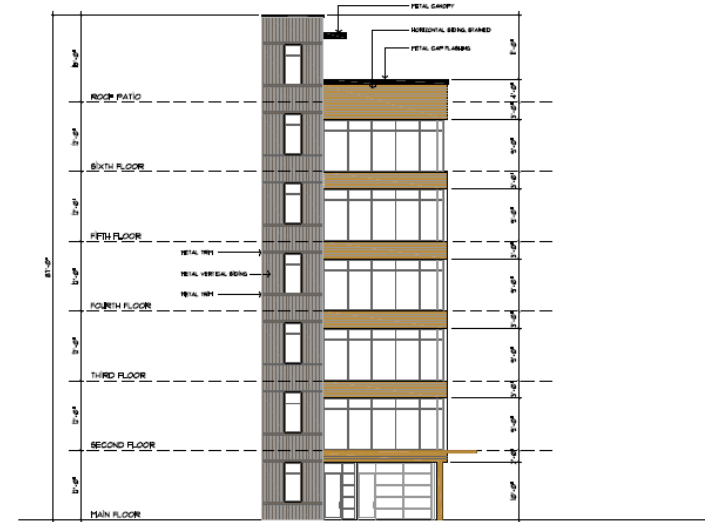


ROOF PATIO PLAN
SCALE: 1/8" = 1'-0"

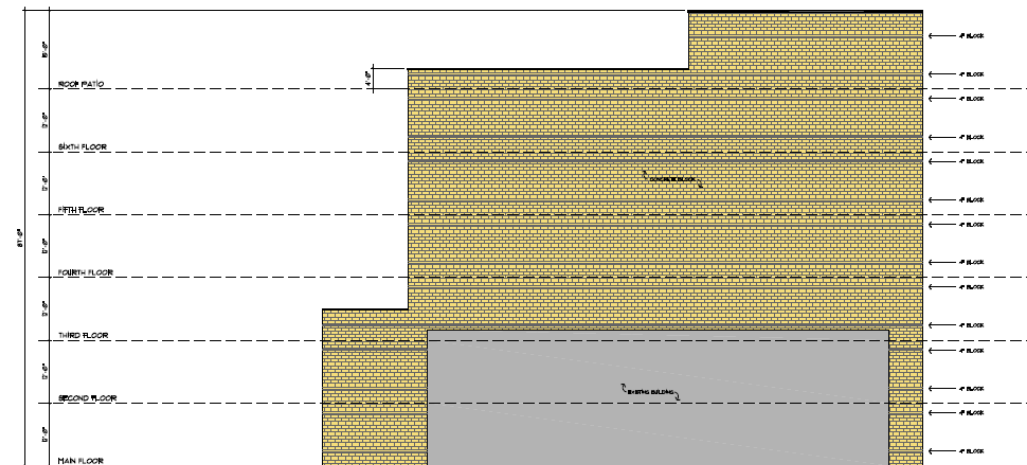
Elevations



WATER STREET - WEST ELEVATION



LEON AVE - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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

Renderings



LEON AVE ELEVATION



WATER STREET ELEVATION

Development Policy

- ▶ Compact Urban Form (OCP, Policy 5.2.3)
- ▶ Contain Urban Growth (Objective 1- Chapter 1)
- ▶ Ensure appropriate and sensitive built form (OCP, Policy 5.22.6)
- ▶ Massing and Height (OCP, Policy 5.22.6)
- ▶ Urban Design Guidelines Amenities, ancillary Services and Utilities (OCP, Chapter 14 - Objective 11.0)
- ▶ Decks, balconies, rooftops, and common outdoor amenity space. (OCP, Chapter 14 – Objective 10.0)
- ▶ Signs (OCP, Chapter 14, Objective 17.0)

Public Notification Policy #367

- ▶ The applicant completed the required public notification on November 15th, 2019.

Staff Recommendation

- ▶ Staff are recommending **support** for the Development Permit and Development Variance Permit
 - ▶ Compromise reached with 3 stalls paid in cash-in-lieu
 - ▶ Alternative transportation options incorporated into design
 - ▶ On wait list for remainder of vehicle stalls within the Chapman Parkade
 - ▶ Unique site constraints resulting in low probability of cash-in-lieu precedent



Conclusion of Staff Remarks

DRAFT Development Permit & Development Variance Permit DP19-0161 & DVP19-0162



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

1659 Water St

and legally known as

Lot 12, Block 6, District Lot 139, ODYD, Plan 462, Except Plan KAP82841

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

Office Building

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

Date of Decision:

Decision By: CITY COUNCIL

Issued Date:

Development Permit Area: Comprehensive

This permit will not be valid if development has not commenced by two years after the Date of Decision by Council.

Existing Zone: C7 Future Land Use Designation: MXR

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: MJI Contracting Inc., Inc. No. BC0915334

Applicant: Matthew Isabelle

Terry Barton
Development Planning Department Manager

Date

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

- 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";

AND THAT the variances to the following sections of Zoning Bylaw No. 8000 be granted as described and shown in Schedule 'A':

Section 14.7.5(h) - C7 – Central Business Commercial - Development Regulations

- 1. To vary the setback above the 16.0 m height mark for the front yard from 3.0 m to 0.0 m.
- 2. To vary the setback above the 16.0 m height mark for the side yard (east) from 4.0 m to 0.1 m.
- 3. To vary the setback above the 16.0 m height mark for the flanking side yard (west) from 4.0 m to 0.0 m.

Table 8.3.2 - Required Off-Street Parking Requirements - Commercial

- 4. To vary the minimum off-street parking from 10 stalls to 3 stalls (cash-in-lieu for the remainder 3 stalls).

Table 8.5 - Minimum Bicycle Parking Required

- 5. To vary the minimum off-street short-term bicycle parking from 6 stalls to 0 stalls.

Section 14.7.7(d) - C7 – Central Business Commercial - Other Regulations

- 6. To vary the minimum commercial on ground floor area percentage from 90% to 68% on Leon Avenue and 40% on Water Street.

AND FURTHER THAT this Development Permit and Development Variance Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend

This Development Permit and Development Variance Permit is valid for two (2) years from the Date of Decision by City Council, with no opportunity to extend.

3. PERFORMANCE SECURITY

Prior to issuing any building permit, the applicant shall submit 3 cash-in-lieu of parking stalls as stated within Bylaw 8125 Payment In Lieu of Parking Bylaw.

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 CURRENT LAND OWNER.
Security shall ONLY be returned to the signatory of the
Landscape Agreement or their designates.**

HANS P. NEUMANN ARCHITECT INC.

1520 Highland Drive North, Kelowna, B.C. V1Y 4K5

Phone: (250) 868-0878

Fax: (250) 868-0837

Principal: Hans P. Neumann, Architect AIBC, B.Arch., B.E.S.

April 22, 2020

**The Honourable Mayor Colin Basran
and City of Kelowna Council
1435 Water Street
Kelowna, B.C. V1Y 1J4**

Re: Proposed Retail/Commercial Project @ 1659 Water Street

We hereby request your consideration for the following approach to address parking requirements for the above-noted unique C7 – Central Business Commercial zoned project, which generally complies with the OCP vision for the area.

The current C7 Parking Schedule requires 0.9 spaces per 100 sq.m. of Gross Floor Area (GFA), which would equate to 10 spaces. As previously stated, the site dimensions and configuration simply do not support any kind of drive aisle & parking spaces. In addition, discussions with city traffic & engineering department staff confirms that they would not even consider any access off of Leon Avenue or Water Street.

As such we are requesting a variance down to 3 spaces, with a cash-in-lieu payment as permitted by City of Kelowna Bylaw No. 8125, for properties within an Urban Centre. We believe that this is a reasonable compromise, as the site is less than a block away from the Area 2 shown in Diagram 8.3.8. Parking Exception Area, which allows properties within this downtown area to not be required to meet any vehicle parking requirements if the height of the building is 4 storeys or less. This proposed building is 6 storeys, and the upper 2 floors of prime commercial space are approximately 341 sq.m. (3,670 sq.ft.), which would require 3 additional parking spaces, which the proposed cash-in-lieu payment would be applied to.

In addition we are proposing the following:

1. Provision of increased (13) secure bicycle parking spaces, above what is required by the zoning bylaw (3) spaces.
2. Provision of “End of Trip” facilities, including a universally accessible shower/toilet room, even though not required by the zoning bylaw.
3. The developer has received confirmation of being placed on the wait list for 13 random monthly parking permits at the Chapman Parkade. These will be made available to tenants of the building, and should be secured by the time that the building has been constructed. He has been advised that the first permit would be released within a year, and the remainder being available within a few months of the first.

We trust that you will favourably consider this approach, as building out this site would contribute to the increased energy & activity of this area, and is consistent with the City’s encouragement for the reduction of dependence on automobiles.

CITY OF KELOWNA

MEMORANDUM

Date: August 19, 2019
File No.: DP19-0161
To: Community Planning (AC)
From: Development Engineering Manager (JK)
Subject: 1659 Water Street 6 storey commercial

Development Engineering Department have the following comments and requirements associated with this application. The road and utility upgrading requirements outlined in this report will be a requirement of the building permit. Form and Character Development Permit for a 6 storey commercial building with rooftop patio. The Development Engineering Technologist for this project is Ryan O'Sullivan.

1. Domestic Water and Fire Protection

- (a) This lots are two 50mm water services. The developer's consulting mechanical engineer will determine the domestic and fire protection requirements of this proposed development and establish hydrant requirements and service needs.
- (b) The applicant, at the developer's cost, will arrange for the installation of a metered water service. If it is determined that upgrades to the existing water distribution system must be made to achieve the required fire flows, additional bonding will be required.
- (c) A water meter is mandatory for this development and must be installed inside the building on the water service inlet as required by the City Plumbing Regulation and Water Regulation bylaws. The developer or building contractor must purchase the meter from the City at the time of application for a building permit from the Inspection Services Department, and prepare the meter setter at the developer's cost. Boulevard landscaping, complete with underground irrigation system, must be integrated with the on-site irrigation system.

2. Sanitary Sewer

- (a) This lot is serviced with three small diameter services. The developer's consulting mechanical engineer will determine the requirements of this proposed development and establish the required size of the new service. Only one service will be permitted for this development. The applicant, at the developer's cost, will arrange for the installation of a new service.
- (b) A downstream flow analysis check is required by a consulting civil engineer to determine the impact of additional flow contributions on the existing pipe system. If it is determined that upgrades to the existing facilities must be made, additional bonding will be required.

3. Storm Drainage

- (a) The developer must engage a consulting civil engineer to provide a storm water management plan for the site, which meets the requirements of the Subdivision, Development and Servicing Bylaw No. 7900. The storm water management plan must also include provision of lot grading plan, minimum basement elevation (MBE), if applicable, and provision of a storm drainage service for the development and / or recommendations for onsite drainage containment and disposal systems.
- (b) This lot is serviced with two small diameter services. Only one overflow service will be permitted for this development.
- (c) Storm drainage systems for the site will be reviewed and approved by Engineering when design drawings are submitted.

4. Road Improvements

- (a) Water Street fronting this development site is urbanized but the existing curb and sidewalk and street trees that must be protected at all times during construction. re-location or adjustment of existing utility appurtenances if required to accommodate the upgrading construction.
- (b) Leon Ave fronting this development site is urbanized but the existing curb and sidewalk is in a deteriorated state. The upgrades will require curb, gutter and sidewalk removal and reconstruction, boulevard streetscape as well as the re-location or adjustment of existing utility appurtenances if required to accommodate the upgrading construction.
- (c) Street trees on Water and Leon are to be protected at all time with Landscape boxes.
- (d) The City of Kelowna requested a 0.625m road dedication from the development to facilitate the widening of the lane to 7.00m. It was agreed upon that if the development could prove out the turning movements from the development to the lane without conflicts, that the City would accept the existing conditions of the lane width at 6.0m.
- (e) No driveway access will be granted to this site.
- (f) Water St. and Leon Ave. Sidewalks must be accessible at all times with covered walkway.
- (g) Laydown or staging area will not be allowed on Water St. or Leon Ave.

5. Subdivision

By registered plan to provide the following:

- (a) Grant statutory rights-of-way if required for utility services.

6. Electric Power and Telecommunication Services

- a) The electrical services to this development must be installed in an underground duct system, and the building must be connected by an underground service. Existing distribution and service connections, on that portion of a road immediately adjacent to the site, are to be relocated and installed underground as this site is located within the City Centre urban town centre.
- b) 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.

7. Engineering

Road and utility construction design, construction supervision, and quality control supervision of all off-site and site services including on-site ground recharge drainage collection and disposal systems, must be performed by an approved consulting civil engineer. Designs must be submitted to the city engineering department for review and marked "issued for construction" by the city engineer before construction may begin.

8. 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.

9. Servicing Agreements for Works and Services

- (a) A Servicing Agreement is required for all 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.

10. Geotechnical Report


As a requirement of this application the owner must provide a geotechnical report prepared by a Professional Engineer qualified in the field of hydro-geotechnical survey to address the following:

- (a) Area ground water characteristics.
- (b) Site suitability for development, unstable soils, etc.
- (c) Drill and / or excavate test holes on the site and install piezometers if necessary. Log test hole data to identify soil characteristics, identify areas of fill if any. Identify unacceptable fill material, analyse soil sulphate content, Identify unsuitable underlying soils such as peat, etc. and make recommendations for remediation if necessary.
- (d) List extraordinary requirements that may be required to accommodate construction of roads and underground utilities as well as building foundation designs.
- (e) Additional geotechnical survey may be necessary for building foundations, etc.

11. Development Permit and Site Related Issues

Access and Manoeuvrability

- (i) Perimeter access must comply with the BC Building Code. Fire Truck access designs and proposed hydrant locations will be reviewed by the Fire Protection Officer.



James Kay, P.Eng.
Development Engineering Manager

RO

CITY OF KELOWNA

MEMORANDUM

Date: August 19, 2019
File No.: DVP19-0162
To: Community Planning (AC)
From: Development Engineer Manager (JK)
Subject: 1659 Water Street

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

Development Variance Permit to reduce parking, to reduce upper floor setbacks, and to reduce the frontage area dedicated towards functional commercial space, does not compromise any municipal services.

All the offsite infrastructure and services upgrades are addressed in the Development Permit Report under file DP19-0161.



James Kay, P.Eng.
Development Engineering Manager

RO

HANS P. NEUMANN ARCHITECT INC.

1520 Highland Drive North, Kelowna, B.C. V1Y 4K5
Phone: (250) 868-0878 Fax: (250) 868-0837
Principal: Hans P. Neumann, Architect AIBC, B.Arch., B.E.S.

July 31, 2019

The Honourable Mayor Colin Basran
and City of Kelowna Council
1435 Water Street
Kelowna, B.C. V1Y 1J4

Re: Proposed Residential Project @ 1659 Water Street

We are submitting the above-noted project for Development Variance Permit and request the following variances to the C7 – Central Business Commercial zone. The extremely unique triangular site configuration requires the following variances in order to reasonably develop the property in a manner that generally complies with the OCP vision for the area, and attempts to comply with the current Zoning Bylaw No. 8000 as much as possible.

The rationale for requesting the bylaw variances is:

1. **REQUIRED ON-SITE PARKING SPACES:** The C7 Parking Schedule requires 1.3 spaces per 100 sq.m. of Gross Floor Area (GFA), which would equate to 15 spaces. The site dimensions simply do not support any kind of drive aisle & parking spaces, as the frontage on the lane side is only 1.78m (5'-10"), and the frontage off of Leon Avenue is 8.6m (28'-2"), which is substantially below the 13m required for a drive aisle plus parking stall depth, even using compact vehicle/motorcycle parking space dimensions. In preliminary discussions, it was suggested that the city traffic & engineering department would not even consider any access off of Leon Avenue or Water Street. As such we are requesting a variance to 0 spaces, which we feel is reasonable given the sites' location in a designated Urban Centre, proximity to public transit and the City's encouragement for the reduction of dependence on automobiles. We are proposing the provision of increased secure bicycle parking above what is required by the zoning bylaw to partially compensate for the shortfall.
2. **REQUIRED ON SITE LOADING PARKING SPACE:** As above, the required one (1) 28 sq.m. (300 sq.ft.+) loading space cannot be accommodated on the site.
3. **REQUIRED FRONT & SIDE SETBACKS ABOVE HEIGHT OF 16m:** Complying with this requirement would make the top floor & roof deck not possible and would limit the height of the building to five storeys. This would essentially make any type of building uneconomical by removing the prime highest revenue space, as well as deleting a key common amenity space from the potential tenants.
4. **FUNCTIONAL COMMERCIAL SPACE ALONG LEON AVENUE:** The only workable location for the building elevator reduces the functional space to 72% of minimal building frontage along Leon Avenue. The triangular site & floor plate configuration do not allow for the elevator & internal circulation to be placed in any alternative location.
5. **FUNCTIONAL COMMERCIAL SPACE ALONG WATER STREET:** The prime reason for requesting this variance to 55% of minimal building frontage, is to accommodate the required location & clearances for the Fortis electrical transformer servicing the site. Alternate solutions were unsuccessfully explored. In addition direct exterior access for the electrical room, as well as the fire protection sprinkler water entry facilities greatly reduced the available frontage. We propose to glaze the street frontage of the electrical/mechanical room to match the commercial space on the other side of the transformer to at least provide a consistent aesthetic along Leon Avenue.

We trust that you will favourably consider this application, as this building would contribute to the desired energy & activity of this area.

Sincerely,



HANS P. NEUMANN, Architect AIBC

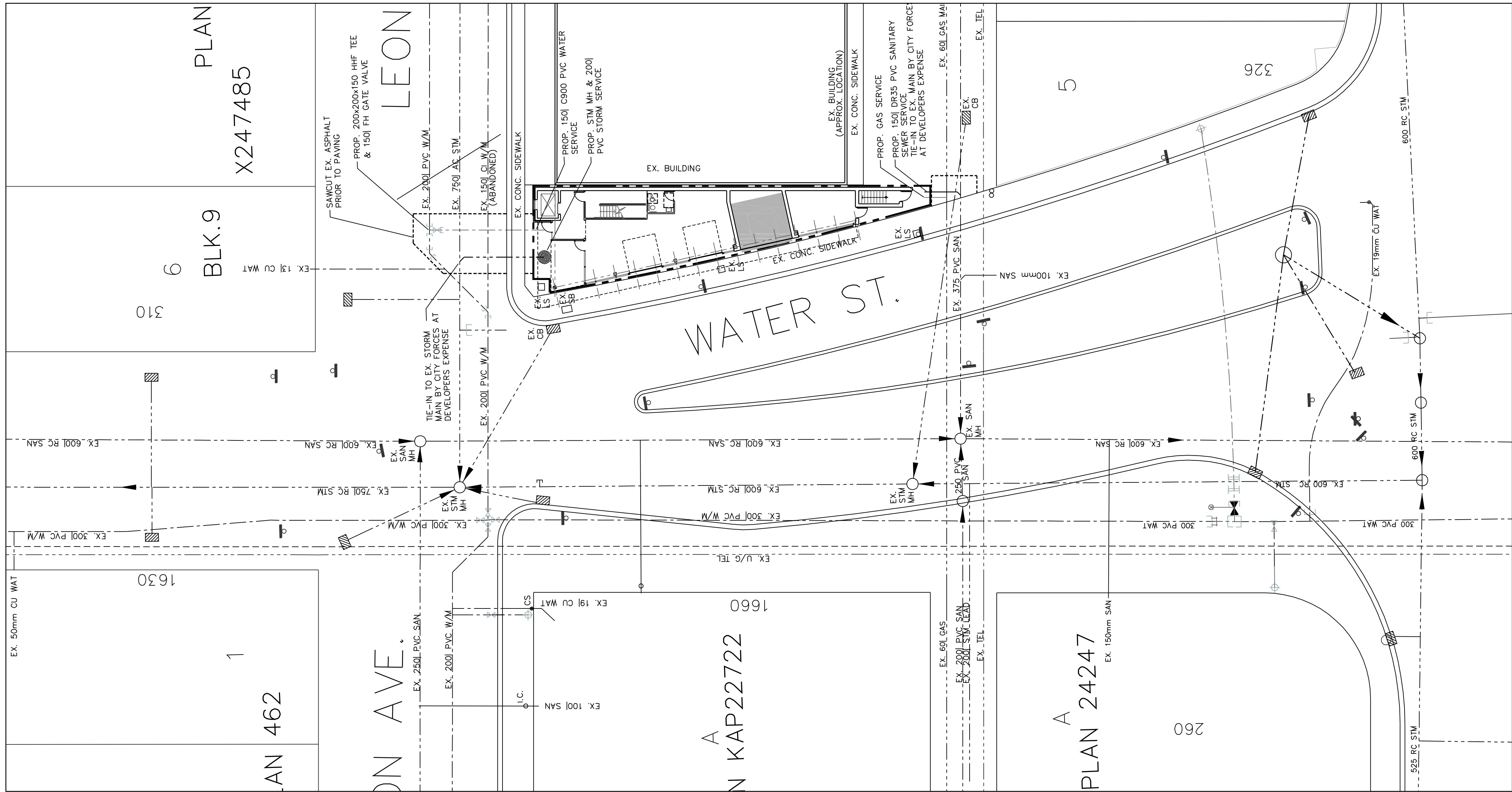
SITE PLAN
SCALE: 1" = 20'-0"



LEON AVE ELEVATION



WATER STREET ELEVATION



SCHEDULE

This forms part of application

DP19-0161 / DVP19-0162

Planner Initials

AC

A & B

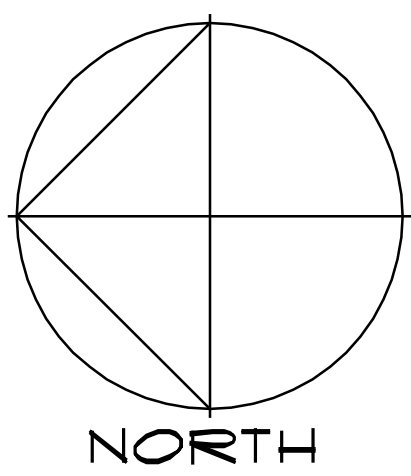


City of Kelowna

DEVELOPMENT PLANNING

PROJECT DATA		
CIVIC ADDRESS:	1659 WATER ST., KELOWNA, BC	
LEGAL DESCRIPTION:	LOT 12, PLAN KAP462, DL 139, EXCEPT PLAN KAP82841, O.D.Y.D.	
CURRENT ZONING:	C7 – CENTRAL BUSINESS COMMERCIAL	
ZONING BYLAW REQUIREMENTS		
SITE AREA = 2,437 SQ.FT. (226.40 SQ.M.)		
BUILDING AREA (NET):		
MAIN FLOOR (RETAIL/OFFICES)	=	1,388 SQ.FT. (128.9 SQ.M.)
SECOND FLOOR (OFFICES)	=	1,114 SQ.FT. (103.5 SQ.M.)
THIRD FLOOR (OFFICES)	=	1,564 SQ.FT. (145.3 SQ.M.)
FOURTH FLOOR (OFFICES)	=	1,564 SQ.FT. (145.3 SQ.M.)
FIFTH FLOOR (OFFICES)	=	1,564 SQ.FT. (145.3 SQ.M.)
SIXTH FLOOR (OFFICES)	=	1,564 SQ.FT. (145.3 SQ.M.)
SEVENTH FLOOR (COMMON AREA)	=	1,569 SQ.FT. (145.7 SQ.M.)
TOTAL NET BUILDING AREA:		=10,267 SQ.FT. (953.8 SQ.M.)
BUILDING AREA (GROSS):		
MAIN FLOOR (RETAIL/OFFICES)	=	1,507 SQ.FT. (140.0 SQ.M.)
SECOND FLOOR (OFFICES)	=	1,531 SQ.FT. (142.4 SQ.M.)
THIRD FLOOR (OFFICES)	=	1,835 SQ.FT. (170.5 SQ.M.)
FOURTH FLOOR (OFFICES)	=	1,835 SQ.FT. (170.5 SQ.M.)
FIFTH FLOOR (OFFICES)	=	1,835 SQ.FT. (170.5 SQ.M.)
SIXTH FLOOR (OFFICES)	=	1,835 SQ.FT. (170.5 SQ.M.)
SEVENTH FLOOR (COMMON AREA)	=	1,664 SQ.FT. (154.6 SQ.M.)
TOTAL GROSS BUILDING AREA:		=12,044 SQ.FT. (1,118.9 SQ.M.)
ZONE REQUIREMENT		PROPOSED
LOT WIDTH	6.0m	8.6m
LOT DEPTH	30.0m	36.02m
LOT AREA	200 sq.m.	226.4 sq.m.
FLOOR AREA RATIO (FAR)	9.0 (6,208 sq.m.)	2.81 (1,937.0 sq.m.)
HEIGHT (m)	76.5m	26.5m/ 6 STOREYS
SETBACKS (m)		
FRONT (LEON AVENUE)	0.0m	0.025m
FRONT ABOVE 16m (LEON AVENUE)	3.0m	0.025m *
SIDE (EAST)	0.0m	0.152m
SIDE ABOVE 16m (EAST)	4.0m	0.152m *
SIDE (WATER STREET)	0.0m	0.025m
SIDE ABOVE 16m (WATER STREET)	3.0m	0.025m *
REAR (LANE)	0.0m	1.64m
REAR ABOVE 16m (LANE)	3.0m	6.60m
FLOOR PLATE ABOVE 16m (14.7.5)		
(h) AREA	1,221 sq. m.	177.5 sq. m.
FUNCTIONAL COMMERCIAL SPACE FRONTAGE [14.7.7.(a)]		
LEON AVENUE	8.6m x 90%=7.75m	5.87m/68% *
WATER STREET	36.02m x 90%=32.42m	14.2m/39.4% *
PARKING		
COMMERCIAL @ 1.3/100 sq.m. GFA x 1,118.9 sq.m. =		
LOADING @ 1/1900 sq.m. GFA =	15 STALLS	0 STALLS *
	1 STALL	0 STALLS *
BICYCLE PARKING		
CLASS I @ 0.2/100 sq.m. GLA =	3 SPACES	3 SPACES
CLASS II @ 0.6/100 sq.m. GLA =	7 SPACES	7 SPACES
LANDSCAPE BUFFERS (m)		
FRONT (LEON AVENUE)	0.0m	0.0m
SIDE (EAST)	0.0m	0.0m
SIDE (WATER STREET)	0.0m	0.0m
REAR (LANE)	0.0m	0.0m
LANDSCAPE TREATMENT LEVELS		
FRONT (LEON AVENUE)		NOT REQ'D
SIDE (EAST)		NOT REQ'D
SIDE (WATER STREET)		NOT REQ'D
REAR (SOUTH)		NOT REQ'D
* VARIANCE REQUIRED		

VARIANCES REQUIRED		
1. FRONT SETBACK OF BUILDING ABOVE 16m FROM 3.0m REQUIRED TO 0.025m PROPOSED.		
2. SIDE (EAST) SETBACK OF BUILDING ABOVE 16m FROM 4.0m REQUIRED TO 0.025m PROPOSED.		
3. SIDE (WATER STREET) SETBACK OF BUILDING ABOVE 16m FROM 3.0m REQUIRED TO 0.025m PROPOSED.		
4. FUNCTION COMMERCIAL SPACE FRONTAGE ALONG LEON AVENUE FROM 90% REQUIRED TO 72% PROPOSED.		
5. FUNCTION COMMERCIAL SPACE FRONTAGE ALONG WATER STREET FROM 90% REQUIRED TO 55% PROPOSED.		
6. NUMBER OF PARKING SPACES FROM 15 STALLS REQUIRED TO 0 STALLS PROPOSED.		
7. NUMBER OF LOADING SPACES FROM 1 STALL REQUIRED TO 0 STALLS PROPOSED.		



HANS P. NEUMANN ARCHITECT INC.

1520 HIGHLAND DRIVE NORTH
KELOWNA, BC V1Y 4K5
PHONE: (250) 868-0878 FAX: (250) 868-0837

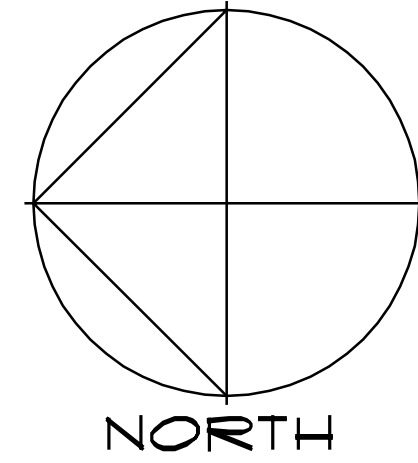
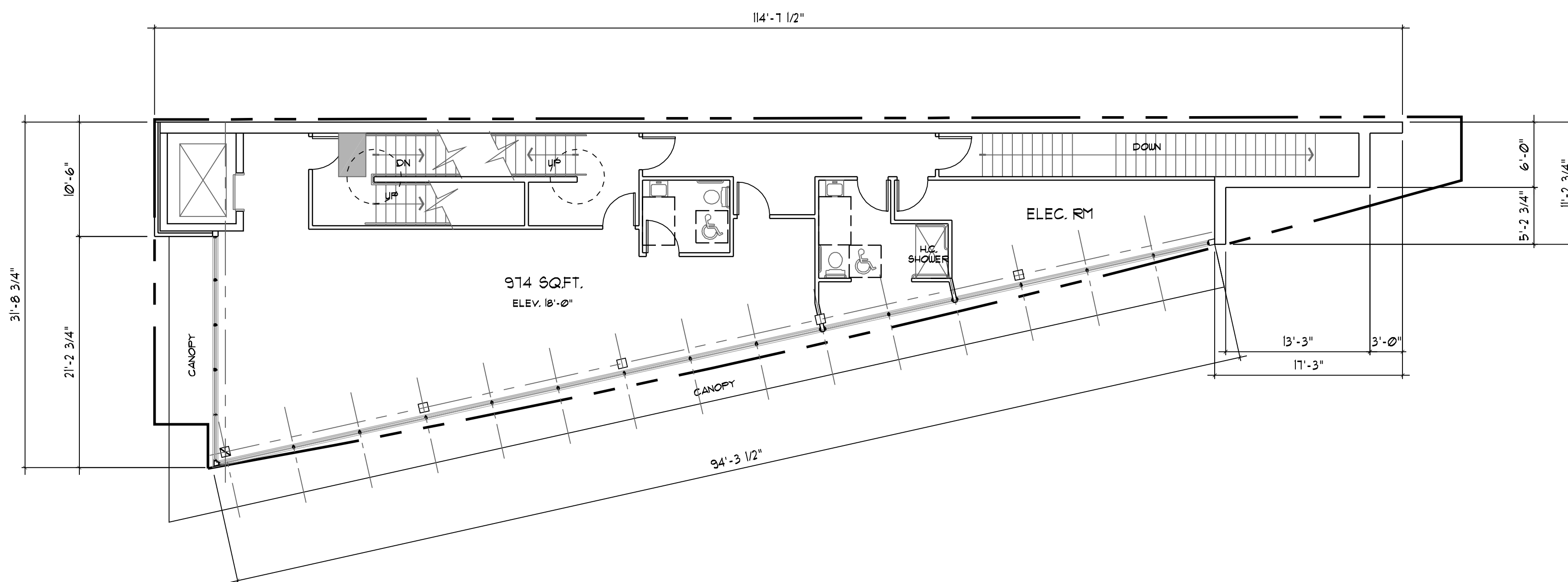
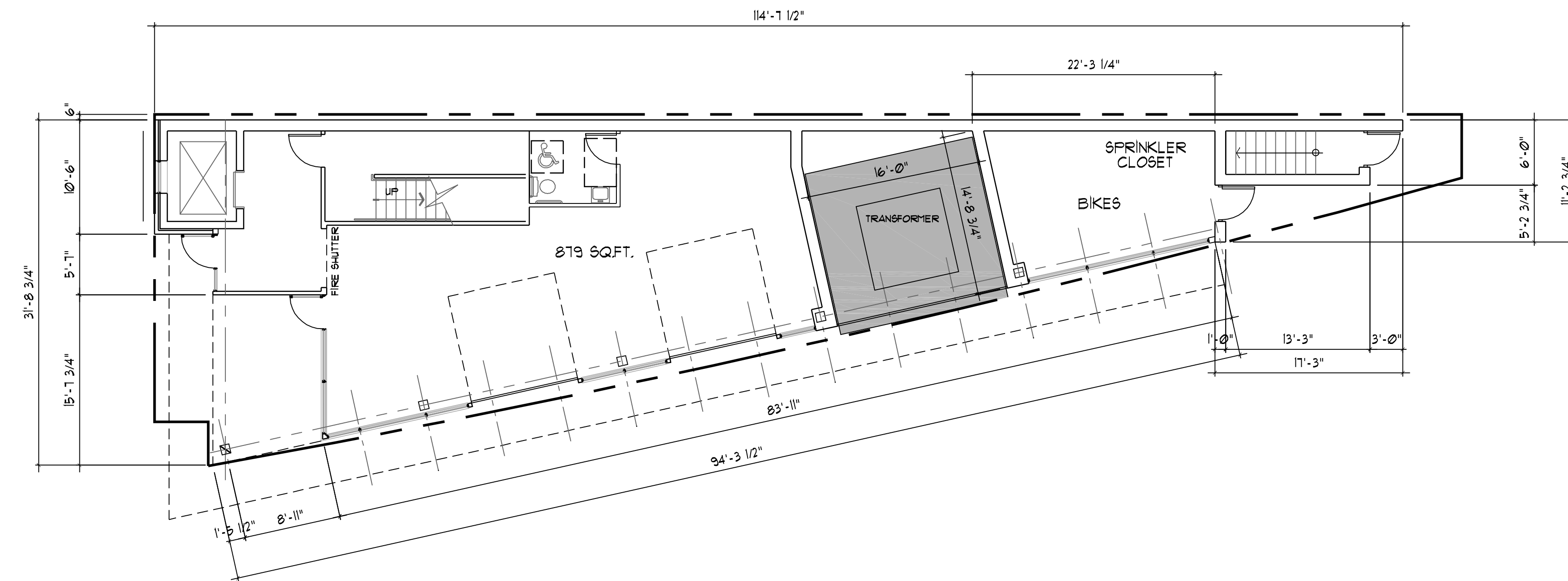
No.	DATE	DESCRIPTION
1	AUG 6-19	ISSUED FOR D.P.
2	OCT 11-19	REVISED FOR D.P.

COMMERCIAL DEVELOPMENT
1659 WATER STREET, KELOWNA, BC.


PROJECT

SITE PLAN

OWNER:	SCALE: 1" = 20'-0"
DRAWING TITLE	DATE: JULY 23, 2019
	DRAWN: MAC
	CHECKED: HPN
	Drawing No.
	A0
	REVISION No.:



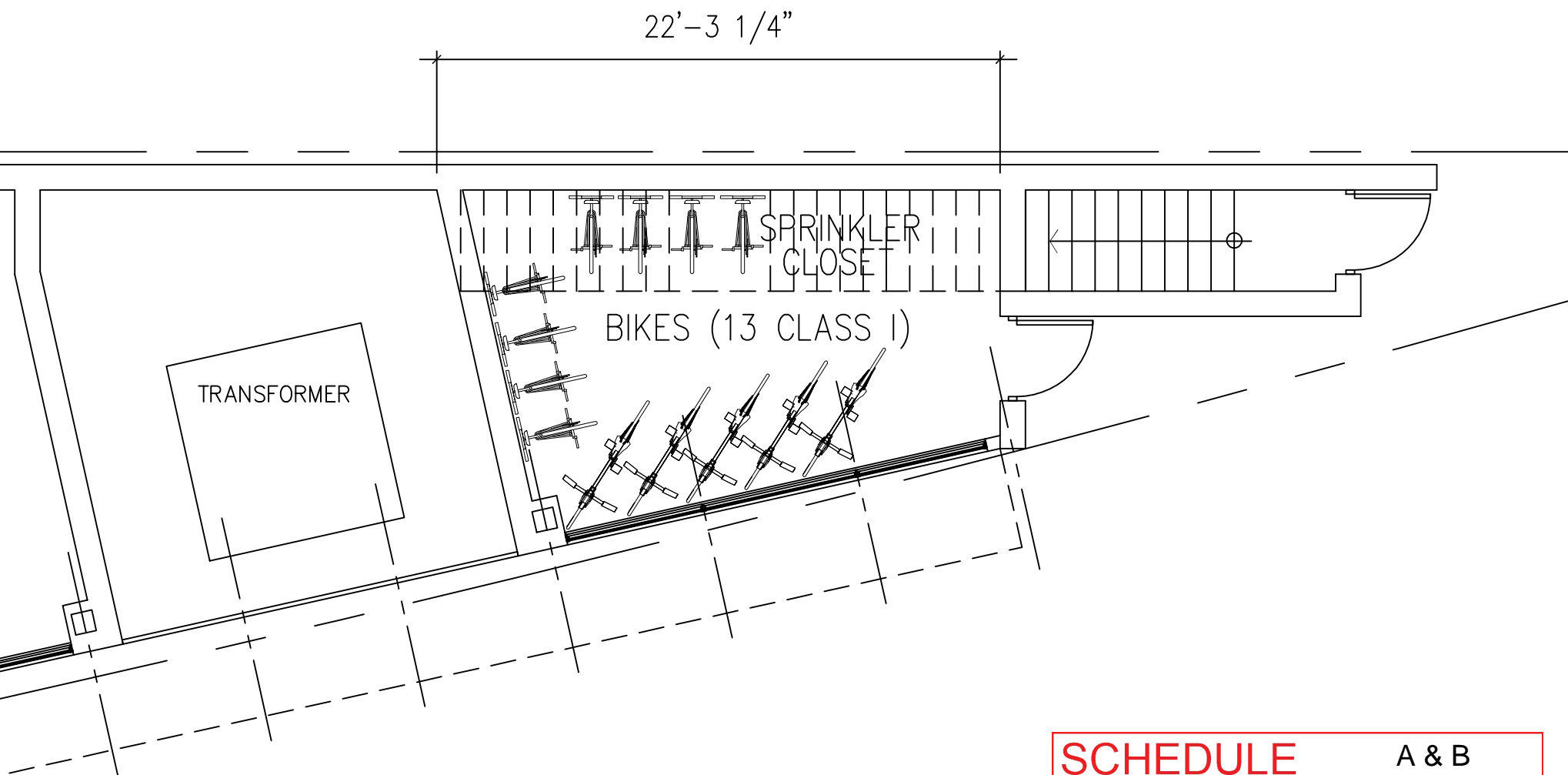
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<p>This forms part of application</p> <p># DP19-0161 / DVP19-0162</p>			
<p>Planner Initials</p>		<p>City of Kelowna DEVELOPMENT PLANNING</p>	



HANS P. NEUMANN ARCHITECT INC.

1520 HIGHLAND DRIVE NORTH
KELOWNA, BC V1Y 4K5
PHONE: (250) 868-0878 FAX: (250) 868-0837

OWNER:		DRAWING TITLE		PROJECT	
SCALE: 1/8" = 1'-0"				PLANS	
DATE: JULY 23, 2019				COMMERCIAL DEVELOPMENT 1659 WATER STREET, KELOWNA, BC.	
DRAWN: MAC					
CHECKED: HPN					
Drawing No.					
A1					
REVISION No.:					
No.	DATE	DESCRIPTION			
1	AUG 6-19	ISSUED FOR D.P.			
2	OCT 11-19	REVISED FOR D.P.			



SCHEDULE A & B

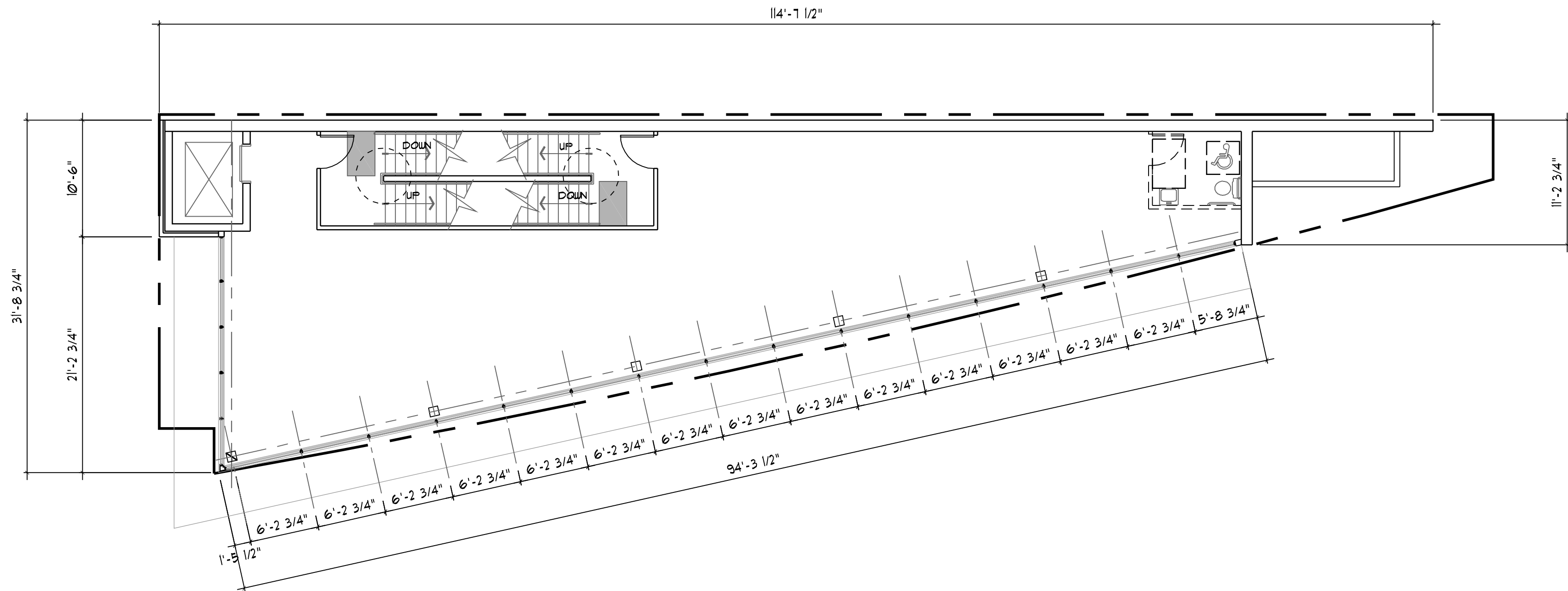
This forms part of application
DP19-0161 / DVP19-0162

Planner Initials **AC**

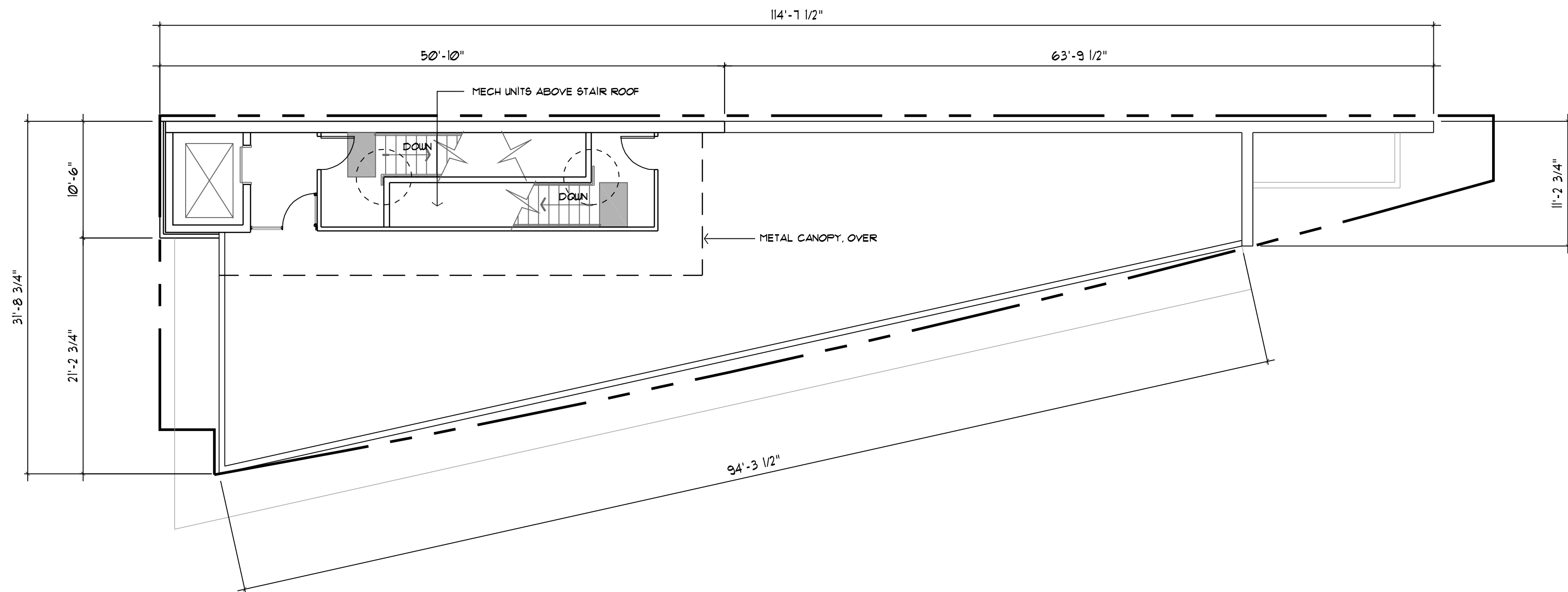
City of Kelowna
DEVELOPMENT PLANNING



122



THIRD - SIXTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



ROOF PATIO PLAN
SCALE: 1/8" = 1'-0"

SCHEDULE

A & B

This forms part of application

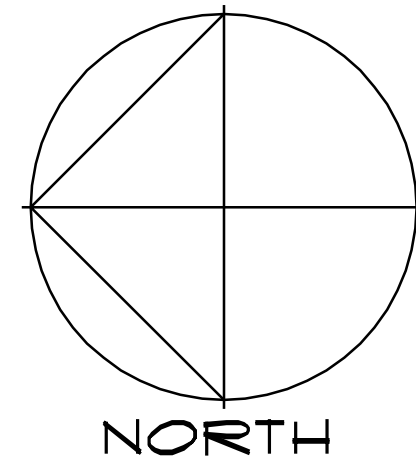
DP19-0161 / DVP19-0162

Planner Initials

AC

City of Kelowna

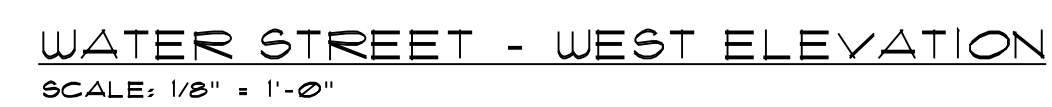
DEVELOPMENT PLANNING



HANS P. NEUMANN ARCHITECT INC.

1520 HIGHLAND DRIVE NORTH
KELOWNA, BC V1Y 4K5
PHONE: (250) 868-0878 FAX: (250) 868-0837

OWNER:		DRAWING TITLE	
SCALE: 1/8" = 1'-0"		PLANS	
DATE: JULY 23, 2019		PROJECT	
DRAWN: MAC		COMMERCIAL DEVELOPMENT	
CHECKED: HPN		1659 WATER STREET, KELOWNA, BC.	
Drawing No.		A2	
REVISION No.:			



City of Kelowna
DEVELOPMENT PLANNING

- REVISION No.:



- (A) HORIZONTAL SIDING, WOOD LOOK
- (B) VERTICAL METAL SIDING
- (C) CONCRETE BLOCK
- (D) ALUMINUM WINDOW / DOOR SYSTEM, BLACK
- (E) METAL CAP FLASHING
- (F) METAL DOOR + FRAME, PAINTED BLACK
- (G) METAL CANOPY
- (H) WOOD CANOPY
- (I) GLASS PANEL, METAL ROLL UP DOOR
- (J) CONCRETE PANELS
- (K) ALUMINUM MESH SCREEN
- (L) METAL LETTERS, BACK LITE

HANS P. NEUMANN ARCHITECT INC.

1520 HIGHLAND DRIVE NORTH
KELOWNA, BC V1Y 4K5
PHONE: (250) 868-0878 FAX: (250) 868-

OWNER:		SCALE: 1/8" = 1'-0"	
DRAWING TITLE		DATE: JULY 23, 2019	
PROJECT		DRAWN: MAC	
ELEVATION		CHECKED: HPN	
DRAWING No.		Drawing No.	
COMMERCIAL DEVELOPMENT 1659 WATER STREET, KELOWNA, BC.		A4	
No.		REVISION No.:	
DATE			
1 AUG 6-19			
DESCRIPTION			
ISSUED FOR D.P.			
PHONE: (250) 866-0076 FAX: (250) 866-0037			



Planner Initials AC

- (A) HORIZONTAL SIDING, WOOD LOOK
- (B) VERTICAL METAL SIDING
- (C) CONCRETE BLOCK
- (D) ALUMINUM WINDOW / DOOR SYSTEM, BLACK
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- (I) GLASS PANEL, METAL ROLL UP DOOR
- (J) CONCRETE PANELS
- (K) ALUMINUM MESH SCREEN
- (L) METAL LETTERS, BACK LITE

REPORT TO COUNCIL



Date: June 2, 2020

To: Council

From: City Manager

Department: Development Planning

Application: DP20-0017 & DVP20-0096

Owner: Ryan Peak ULC, Inc. No.
A0066628

Address: 550 Clifton Road

Applicant: Mark Aquilon

Subject: Development Permit and Development Variance Permit Application

Existing OCP Designation: MRM – Multiple Unit Residential (Medium Density)

Existing Zone: RM4 – Transitional Low Density Housing

1.0 Recommendation

THAT Council NOT authorize the issuance of Development Permit No. DP20-0017 for Lot 2 Section 31 Township 26 ODYD Plan KAP86216, located at 550 Clifton Road, Kelowna, BC.

AND THAT Council NOT authorize the issuance of Development Variance Permit No. DVP20-0096 for Lot 2 Section 31 Township 26 ODYD Plan KAP86216, located at 550 Clifton Road, Kelowna, BC.

2.0 Purpose

To consider a Staff recommendation to NOT issue a Development Variance Permit to allow tandem parking on the subject property and NOT issue a Development Permit for the form and character of 46-unit, 3-storey townhouse development.

3.0 Development Planning

Development Planning does not support a proposed variance to allow tandem parking on the subject property. In the proposed development, which is located outside of the Urban Core, 40% of the parking spaces for the residents are provided in private garages oriented in a tandem parking configuration. Tandem parking is where two spaces are placed one behind the other in the same driveway or parking lot. The applicant is requesting a variance to allow for tandem parking which is currently prohibited in townhouse developments that are located outside of the Urban Core.

The subject site is located in a neighbourhood that is automobile oriented with minimal public transit options. New homes built in the area are likely to be car-dependent for the foreseeable future as the area is

intended to remain outside of the Urban Core in the next iteration of the OCP. Tandem parking is prohibited in these areas to avoid creating parking issues.

Other than the request for tandem parking the proposal is in general accordance with the City's Urban Design Guidelines. No other variances are being requested by the applicant. An alternate recommendation to support the tandem parking variance and Development Permit is included in section 7.0 of this report.

3.1 Form and Character

Attachment B outlines the proposal's consistency with the City's Urban Design Guidelines. The proposal includes ground-oriented units fronting onto Clifton Road and Cara Glen Road, with garage accesses internal to the site. Due to site topography, the units oriented towards Clifton Road would be accessed via staircases that are integrated into terraced and landscaped retaining walls. The units oriented towards Cara Glen Road would have at-grade entrances with front patios.

Regarding architecture, the design incorporates articulation and variety in terms of rooflines, projections, and materials. Gable roof forms are proposed at various heights, and parapets and awnings have also been included to provide additional detail. Materials proposed include multiple styles of hardie board siding as well as brick veneer, metal and shingle roofing, and neutral trim. The applicant is proposing a cohesive architectural style for all of the buildings; however, different colours and materials are proposed for each building to provide interest.

The landscaping plan proposed for this development includes a variety of trees, shrubs, and other plants around and within the site. Communal open areas are proposed in the centre and southern portions of the site, with amenities such as pathways, benches, bike stands, and shade trees to be included.

4.0 Proposal

4.1 Background

This property is currently in the process of being subdivided (S17-0053). The subdivision is nearing completion and will result in six new multi-family zoned lots. The subject property is currently vacant.

Amendments to Section 8 of Zoning Bylaw No. 8000 were adopted on November 25, 2019. Prior to this date, tandem parking was permitted in townhouse developments. This application was submitted to the City on January 13, 2020. The applicant has advised that pre-planning for the project began before the parking amendments were adopted. Plans were based on the City's old regulations which permitted townhouse parking in tandem throughout the City; however, the application was made after the new parking regulations were adopted.

In reviewing several other existing townhouse developments of similar size and scale throughout the City that have incorporated tandem parking, there are normally perennial parking issues associated with the development. The tandem stalls have a relatively low level of use for two vehicles causing vehicles to be parked in prescribed landscaped areas, vehicles parked in such a manner to interfere with vehicle flow through the development, and conflicts with garbage areas and other common spaces. It was these issues that were referenced as to the rationale for updating the Zoning Bylaw to eliminate tandem parking outside of the Urban Core area.

4.2 Project Description

The proposal is for a 12 building, 46-unit townhouse development. The buildings range from two to three storeys in height, and the proposal includes 12 two-bedroom units and 34 three-bedroom units. Parking for the townhouse units is provided in private double and tandem garages, and visitor parking is provided throughout the site at-grade. Private open space requirements are met through at-grade yards, private

decks, and common open areas. Waste receptacles are to be accommodated in private garages. Upon completion of the subdivision referenced in section 4.1, Cara Glen Way will be extended west as Cara Glen Road, which is proposed to provide access to this development.

4.3 Site Context

The subject property is located in the Glenmore – Clifton – Dilworth City Sector. It is west of the intersection of Clifton Road and Cara Glen Way. The neighbourhood is a mix of single dwelling housing and multiple dwelling housing, with Knox Mountain Park located to the west. Adjacent land uses are as follows:

Orientation	Zoning	Land Use
North	RM4 – Transitional Low Density Housing	Vacant
East	RU1 – Large Lot Housing	Single Dwelling Housing
South	RM4 – Transitional Low Density Housing	Multiple Dwelling Housing
West	P3 – Parks & Open Spaces	Park

Subject Property Map



4.4 Zoning Analysis Table

Zoning Analysis Table		
CRITERIA	RM4 ZONE REQUIREMENTS	PROPOSAL
Existing Lot/Subdivision Regulations		
Min. Lot Area	900 m ²	±10,480 m ²
Min. Lot Width	30.0 m	±119 m
Min. Lot Depth	30.0 m	±90 m
Development Regulations		
Max. Floor Area Ratio	0.669	0.665
Max. Site Coverage (buildings)	50%	31 %
Max. Site Coverage (buildings, parking, driveways)	60%	41 %
Max. Height	3-storeys / 13 m	3-storeys / 12.9 m
Min. Front Yard (N)	6.0 m	6.0 m
Min. Flanking Side Yard (E)	4.5 m	4.5 m
Min. Side Yard (W)	4.5 m	4.5 m
Min. Rear Yard (S)	7.5 m (2-storey) / 9.0 m (3-storey)	7.5 m (2-storey) / 9.0 m (3-storey)
Other Regulations		
Min. Parking Requirements	minimum 92, maximum 118	101 (36 in tandem) ①
Min. Bicycle Parking	9 short term	9 short term
Min. Private Open Space	1150 m ²	1841 m ²
① Indicates variance to parking requirements.		

5.0 **Current Development Policies***Goals for a Sustainable Future:*

Contain Urban Growth – Reduce greenfield urban sprawl and focus growth in compact, connected and mixed-use (residential and commercial) urban and village centres.

5.1 Kelowna Official Community Plan (OCP)Chapter 5: Development Processes*Objective 5.3 Focus development to designated growth areas*

Policy .2 Compact Urban Form. Develop a compact urban form that maximizes the use of existing infrastructure and contributes to energy efficient settlement patterns. This will be done by increasing densities (approximately 75 – 100 people and/or jobs per ha located within a 400 metre walking distance of transit stops is required to support the level of transit service) through development, conversion, and re-development within Urban Centres (see Map 5.3) in particular and existing areas as per the provisions of the Generalized Future Land Use Map 4.1.

Objective 5.32 Address the needs of families with children through the provision of appropriate family-oriented housing

Policy .1 Ground-Oriented Housing. Encourage all multiple-unit residential buildings in neighbourhoods with schools and parks to contain ground-oriented units with 2 or more bedrooms so as to provide a family housing choice within the multi-unit rental or ownership markets. High density residential projects in the Downtown area are encouraged to include a ground-oriented housing component, especially where such can be provided on non-arterial and non-collector streets.

Chapter 14: Urban Design Development Permit Areas

Comprehensive Development Permit Area Objectives

- Convey a strong sense of authenticity through urban design that is distinctive for Kelowna;
- Promote a high urban design standard and quality of construction for future development that is coordinated with existing structures;
- Integrate new development with existing site conditions and preserve the character amenities of the surrounding area;
- Promote interesting, pedestrian friendly streetscape design and pedestrian linkages;
- Provide for a scale and massing of commercial buildings that promotes a safe, enjoyable living, pedestrian, working, shopping and service experience;
- Incorporate architectural features and detailing of buildings and landscapes that define an area's character;
- Promote alternative transportation with enhanced streetscapes and multimodal linkages; and
- Highlight the significance of community institutional and heritage buildings.

6.o Application Chronology

Date of Application Received: January 13, 2020

Date of Neighbourhood Notification: March 26, 2020

7.o Alternate Recommendation

Alternate Recommendation

THAT Council authorizes the issuance of Development Permit No. DP20-0017 for Lot 2 Section 31 Township 26 ODYD Plan KAP86216, located at 550 Clifton Road, Kelowna, BC subject to the following:

1. The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A";
2. The exterior design and finish of the building to be constructed on the land be in accordance with Schedule "B";
3. Landscaping to be provided on the land be in accordance with Schedule "C"
4. 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;

AND THAT Council authorizes the issuance of Development Variance Permit No. DVP20-0096 for Lot 2 Section 31 Township 26 ODYD Plan KAP86216, located at 550 Clifton Road, Kelowna, BC;

AND THAT a variance to the following section of Zoning Bylaw No. 8000 be granted:

Section 8.2.6(d): Tandem Parking Regulations

To allow tandem parking outside of the Urban Core on the subject property.

AND THAT the applicant be required to complete the above noted conditions of Council's approval of the Development Permit and Development Variance Permit applications in order for the permits to be issued;

AND FURTHER THAT this Development Permit and Development Variance Permit is valid for two (2) years from the date of Council approval, with no opportunity to extend.

Report prepared by: Arlene Janousek, Environmental Coordinator
Reviewed by: Terry Barton, Development Planning Department Manager
Approved for Inclusion: Ryan Smith, Divisional Director, Planning & Development Services

Attachments:

Attachment A: Draft Development Permit DP20-0017/ DVP20-0096

Attachment B: Comprehensive Design Guidelines Checklist



DP20-0017 & DVP20-0096 550 Clifton Road

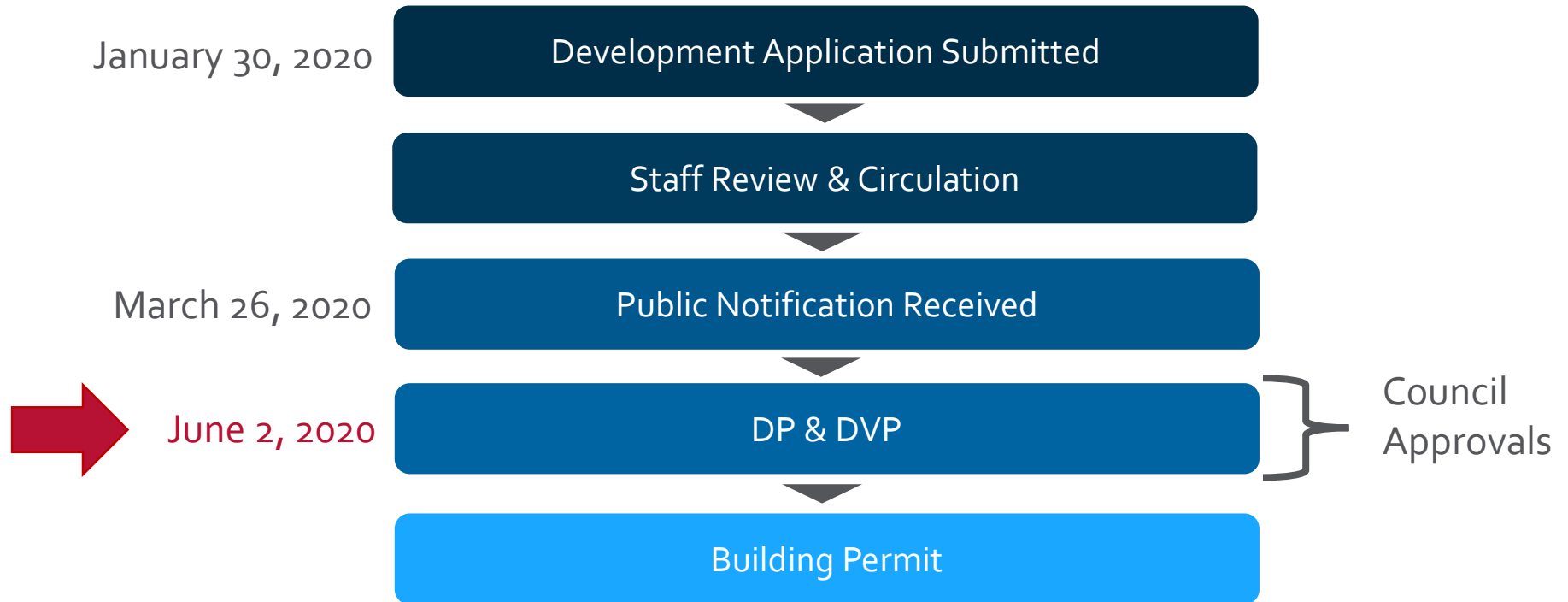
Development Permit and Development Variance Permit Applications



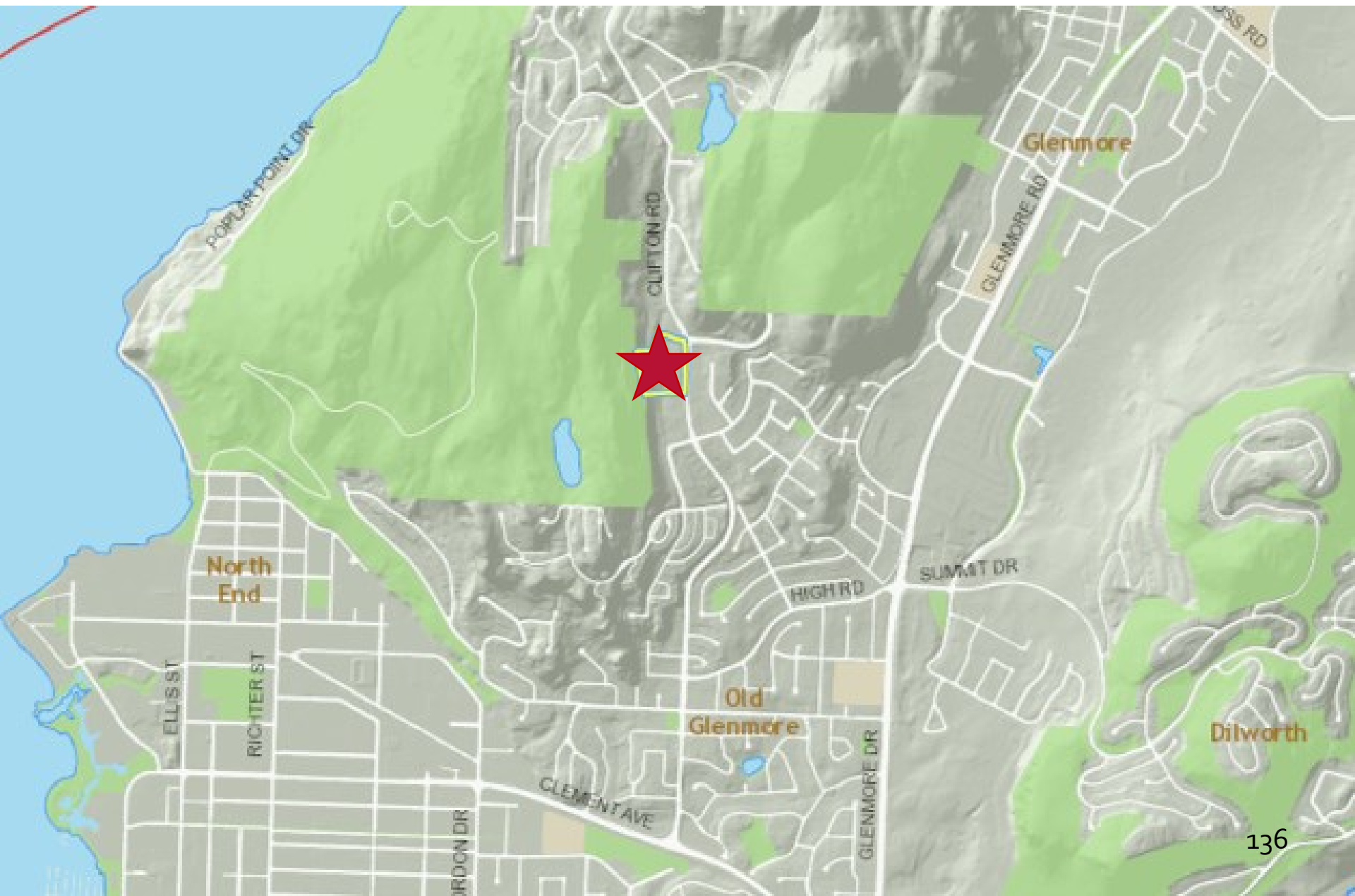
Proposal

- ▶ To consider a Staff recommendation to NOT issue a Development Variance Permit to allow tandem parking on the subject property and NOT Issue a Development Permit for the form and character of 46-unit, 3-storey townhouse development.

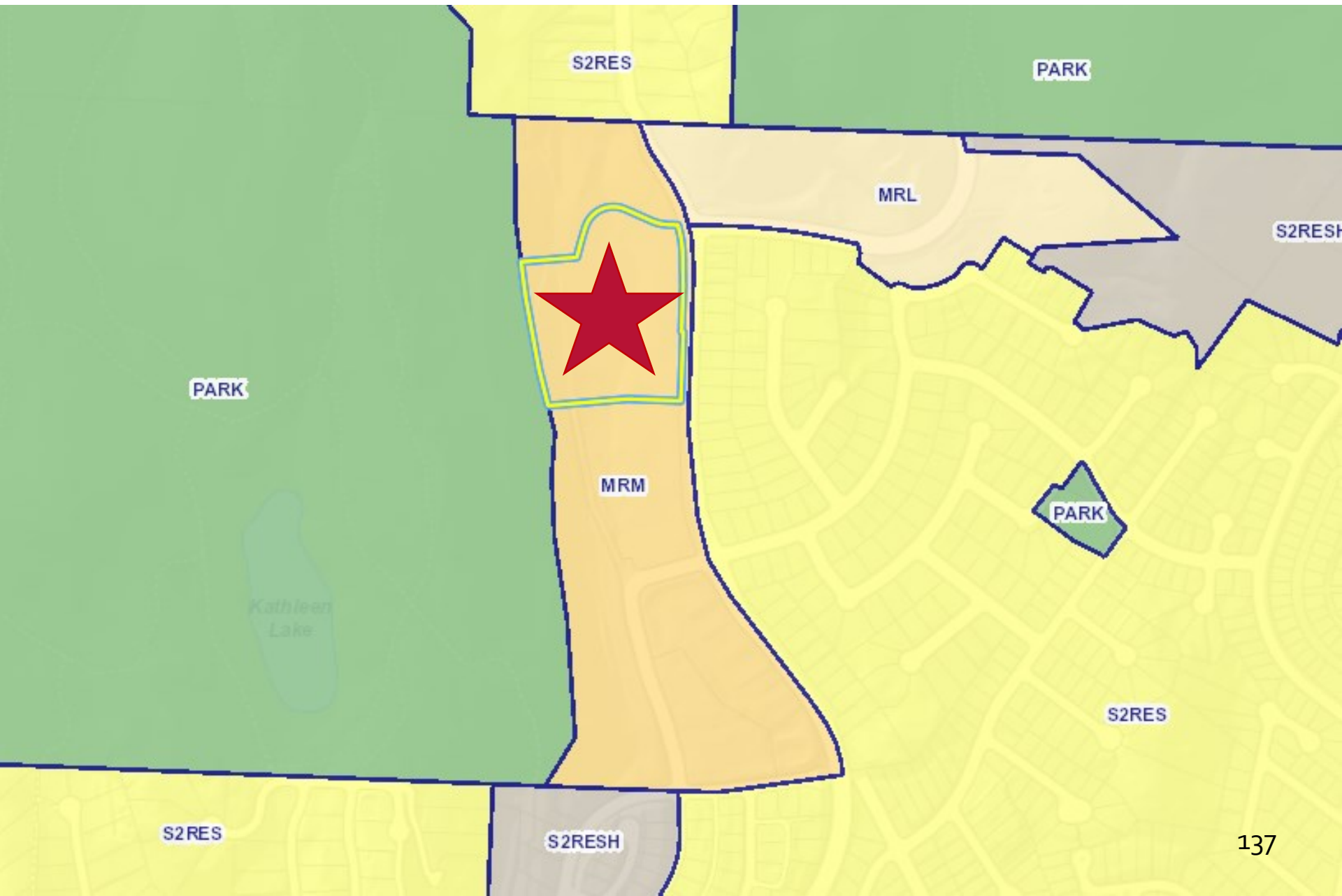
Development Process



Context Map



OCP Future Land Use / Zoning



Subject Property Map



Subject Property Photo



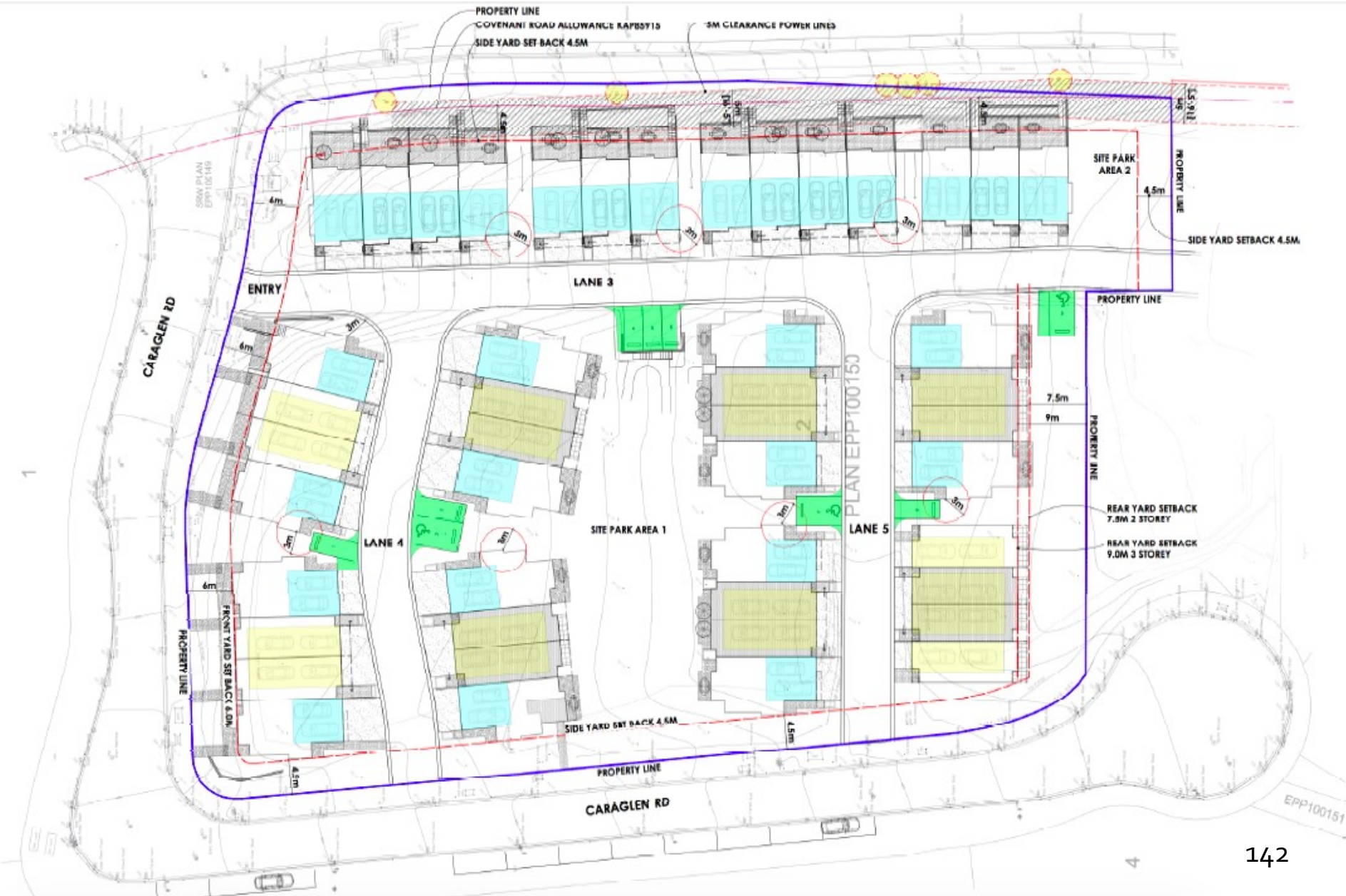
Project Details

- ▶ 12 building, 46-unit townhouse development.
- ▶ 12 two-bedroom units, 34 three-bedroom unit
- ▶ 2-3 storeys in height
- ▶ Private open space provided through at-grade yards, private decks, and common open areas
- ▶ Parking in private double and tandem garages with visitor parking throughout the site at-grade

Variance

- ▶ Requesting a variance to allow 40% parking stalls to be configured in tandem garages
 - ▶ Two parking spaces would be placed one behind the other in the same garage
- ▶ Tandem parking is prohibited in townhouse developments that are located outside of the Urban Core

Site Plan



Elevations



Elevations facing east towards Clifton Road



Elevations facing north towards future Cara Glen Road expansion

Elevations



Elevations facing west towards future Cara Glen Road expansion



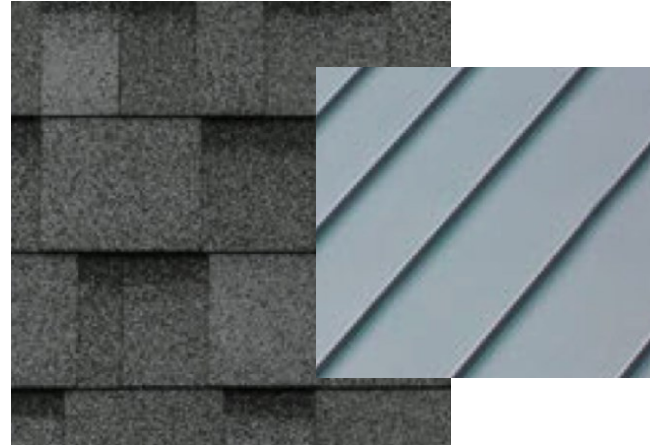
Internal site elevations (buildings 11 and 12)

Materials

Building Materials & Siding



Roofing Materials



Trim Materials



Landscape Plan



Background on Variance

- ▶ The Zoning Bylaw was updated in November 2019
 - ▶ Tandem parking in townhouse projects outside of the urban core now not permitted
 - ▶ Tandem parking is prohibited outside of the Urban Core to avoid creating parking issues
- ▶ This application was submitted to in January 2020
 - ▶ Planning for the project began when old regulations were still in place
- ▶ The property is in a car-oriented neighbourhood and is intended to remain outside of the Urban Core in the next OCP

Urban Design Guidelines

- ▶ No other variances requested
- ▶ Otherwise generally meets urban design guidelines:
 - ▶ Convey a strong sense of authenticity through urban design that is distinctive for Kelowna
 - ▶ Promote a high urban design standard and quality of construction for future development
 - ▶ Integrate new development with existing site conditions and preserve the character amenities of the surrounding area
 - ▶ Promote interesting, pedestrian friendly streetscape design
 - ▶ Incorporate architectural features and detailing of buildings and landscapes that define an area's character

Staff Recommendation

- ▶ Staff recommend NOT issuing a Development Variance Permit to allow tandem parking on the subject property and NOT issuing a Development Permit for the form and character of 46-unit, 3-storey townhouse development

Alternate Recommendation

- ▶ THAT Council authorizes the issuance of Development Permit No. DP20-0017
- ▶ AND THAT a variance to the following section of Zoning Bylaw No. 8000 be granted:
 - ▶ **Section 8.2.6(d): Tandem Parking Regulations**
 - ▶ To allow tandem parking outside of the Urban Core on the subject property.



Conclusion of Staff Remarks

Development Permit & Development Variance Permit DP20-0017 & DVP20-0096



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

550 Clifton Road, Kelowna BC

and legally known as

Lot 2 Section 31 Township 26 ODYD Plan KAP86216

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.

Date of Council Decision:

Decision By: COUNCIL

Development Permit Area: Comprehensive Development Permit Area

Existing Zone: RM4 – Transitional Low Density Housing

Future Land Use Designation: MRM – Multiple Unit Residential (Medium 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: Ryan Peak ULC, Inc. No. A0066628

Applicant: Mark Aquilon

Planner: Arlene Janousek

Terry Barton
Community Planning Department Manager
Planning & Development Services

Date

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

- 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.

AND THAT a variance to the following section of Zoning Bylaw No. 8000 be granted:

Section 8.2.6(d): Tandem Parking Regulations

To allow tandem parking outside of the Urban Core on the subject property.

This Development Permit and Development Variance Permit are valid for two (2) years from the date of 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 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 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 **OR** certified cheque in the amount of: **\$249,825.63**

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.

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 CURRENT LAND OWNER.
Security shall ONLY be returned to the signatory of the
Landscape Agreement or their designates.**

ZONING OUTLINE					
ZONING		RM4			
		MINIMUM	ACTUAL		
MINIMUM LOT WIDTH		30 m	118.8 m*	*ESTIMATED	
MINIMUM LOT DEPTH		30 m	89.7 m*	*ESTIMATED	
MINIMUM LOT AREA		900 sm	10480 sm*		
TOTAL GROSS FLOOR AREAS					
Commercial			0 sm		
Residential			3260 sm	Buildings 1-12	
TOTAL			3260 sm		
BUILDING AREAS for F.A.R.					
COMMERCIAL		0 sf	0.00 sm		
RESIDENTIAL		75063 sf	6773.35 sm		
TOTAL		75063 sf	6773.35 sm		
BUILDING COVERAGE AREA					
BUILDING AREA		30090.00 SF	3260.40 SM		
Driveways, parking		9515.00 SF	883.94 SM		
Paved roads		1615.80 SF	150.11 SM		
Total Paved Site Coverage			1034.05 SM		
Total Paved & Bld			4294.46 SM		
FLOOR AREA RATIO (FAR)					
Screened Parking 0.20		MAXIMUM	ACTUAL		
		0.650	0.019		
TOTAL		0.669	0.665		
SITE COVERAGE					
BUILDING AREA ON SITE		MAXIMUM	ACTUAL		
BUILDING AREA & SITE COVERAGE		50%	31.11%		
		60%	40.98%		
SETBACKS					
		MINIMUM	ACTUAL		
Front Street CarraGlen rd (north property line)		4.5 m	4.5 m	m	
Side Yard street Flanking rd (Clifton east ppl)		4.5 m	4.5 m	5 m Setback taken from KAP85915 road dedication	
Side yard (south property line)		4.5 m	4.5 m	m	
Side Yard Flanking street (west ppl) CarraGlen		4.5 m	4.5 m	m	
Rear yard (7.5 to second storey) south ppl		7.5 m	7.5 m	5 m Setback 9m to third storey elevation, 7.5m at 2 storey elevation.	
BUILDING HEIGHT					
		MAXIMUM	ACTUAL		
		3 storeys (13m)	3 storeys Max. Height 12.7m		
ADDITIONAL REGULATIONS					
(b) MINIMUM AREAS OF PRIVATE OPEN SPACE					
7.5 sq m / bachelor dwelling					
15 sq m / 1 bdrm dwelling					
25 sq m / dwelling with +1 bdrm					
			REQUIRED	PROVIDED AT UNITS	
0 Studio Units (under 60sqm)			@ 6 sm/unit	0 sm	
0 1 Bedroom Units			@ 10 sm/unit	0 sm	
12 2 Bedroom Units			@ 25 sm/unit	300 sm	
34 3 Townhome Units			@ 25 sm/unit	850 sm	
TOTAL PRIVATE OPEN SPACE				1150 sm	12378 SF
				860.6256 sm*	9264 SM*
Green Space 1				790 sm	8503 SF
Green Space 2				190 sm	2045 SF
Provided TOTAL PRIVATE OPEN SPACE				1840.626	19812 SF

PARKING

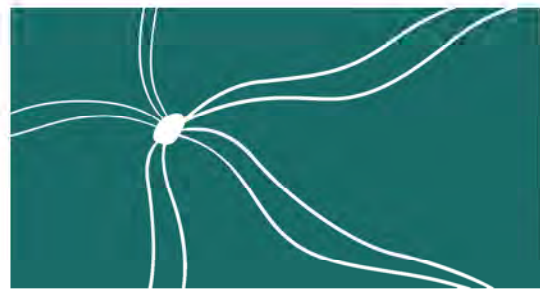
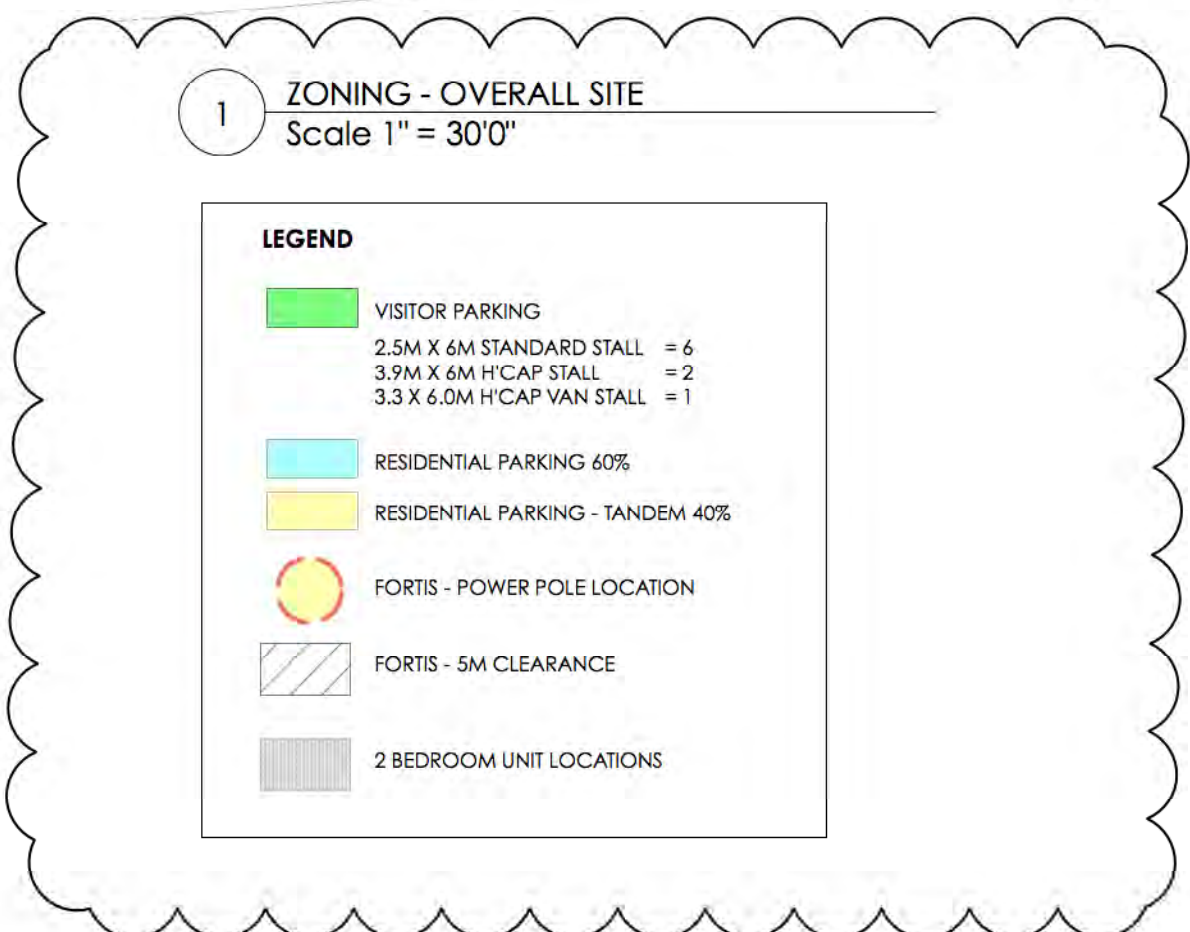
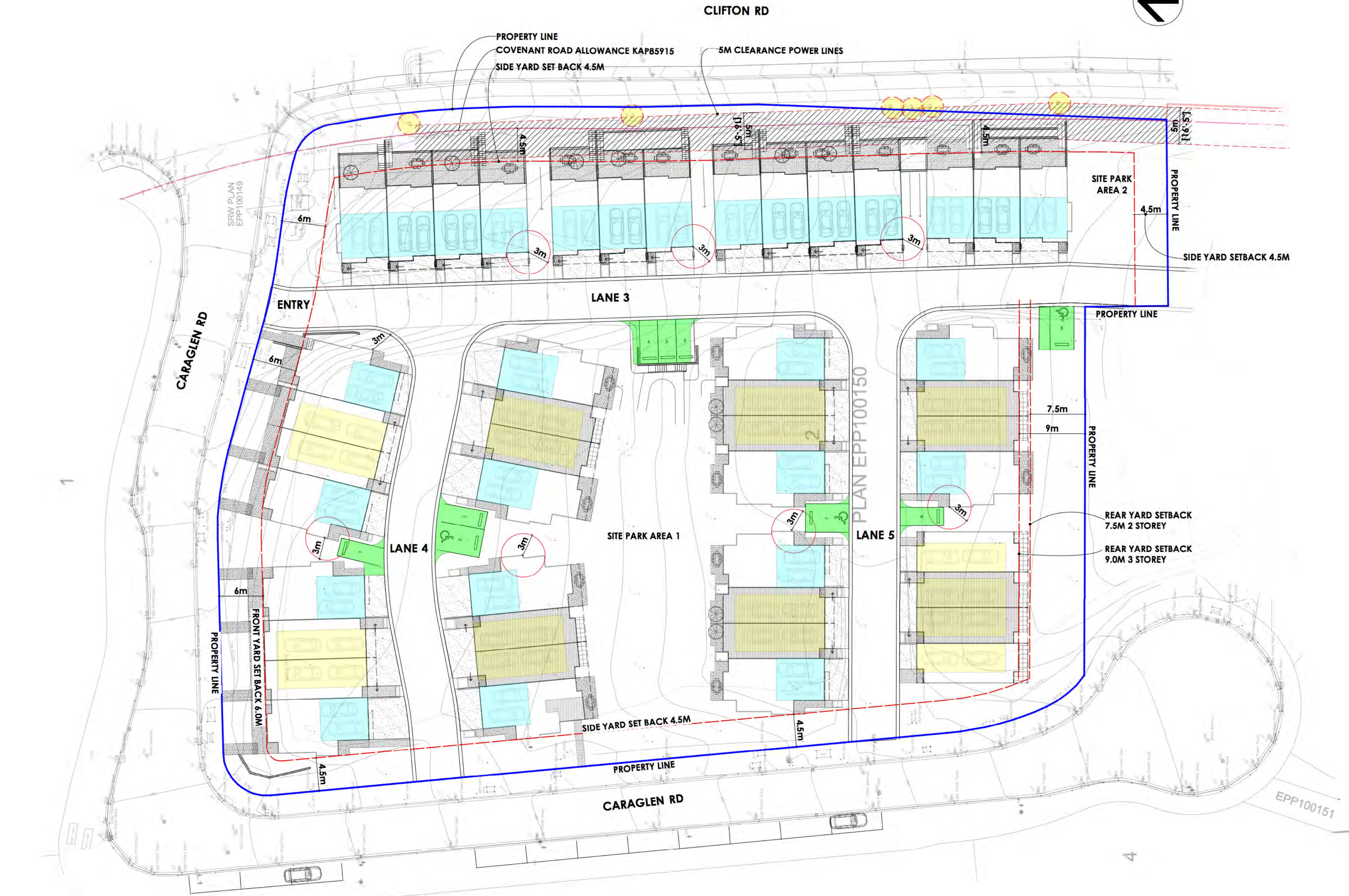
	GFA	GFA	PARKING CALCULATIONS		STALLS		
	Sq. Ft.	Sq. m	Sq. Ft.	Sq. m	Required	Provided	
COMMERCIAL - MAIN FLOOR							
COMMERCIAL BUILDING 1 AREA SUMMARY							
Mon Floor	0	0	GFA @ 1.75 STALLS per 100 sm =		0.0	0	
TOTAL	0	0					
Loading	0	0	GFA @ 1 STALL per 1000 sm =		0.0		
Commercial	0	0			0.0	1	
TOTAL	0	0					
APARTMENT HOUSING							
RESIDENTIAL PARKING SUMMARY							
	46	TOTAL UNITS	RESIDENTIAL STALLS REQUIRED		92.0	92	
			PARKING VARIANCE REQUIRED FOR 34 STALLS			36 (40%) 36 (50%)	
			TANDEM STALLS				
			REGULAR STALLS				
VISITOR PARKING CALCULATIONS							
SEE DRAWING LEGEND BELOW	Min. Max.	No. Residential Units required	Res. Stalls	1 stall per	req'd stalls	Required 6.4 9.2	Provided 0 9
		0.2 Res. Units	@	1 stall per	req'd stalls		

UNIT TYPE

UNIT SCHEDULE OPTIONS						
UNIT TYPE	2 BED 1200 SQ FT - 1300 SQ FT	3 BED 1400 SQ FT - 1500 SQ FT	3 BED 1600 SQ FT - 1700 SQ FT	3 BED 1800 SQ FT - 1900 SQ FT	3 BED 2000 SQ FT - 2100 SQ FT	Total Req. Unit #
BUILDING 1	0	0	0	0	4	4
BUILDING 2	0	0	0	0	3	3
BUILDING 3	0	0	0	0	4	4
BUILDING 4	0	0	0	0	3	3
BUILDING 5	2	0	2	0	4	
BUILDING 6	2	2	0	0	4	
BUILDING 7	2	2	0	2	4	
BUILDING 8	2	2	0	0	4	
BUILDING 9	2	0	2	0	4	
BUILDING 10	2	1	1	0	4	
BUILDING 11	0	2	0	2	4	
BUILDING 12	0	2	0	2	4	
UNIT TYPE TOTALS	12	11	5	20	46	

PARKING BY UNIT TYPE

UNIT PARKING SCHEDULE											
UNIT TYPE	2 BED 1200 SQ FT - 1300 SQ FT	3 BED 1400 SQ FT - 1500 SQ FT	3 BED 1600 SQ FT - 1700 SQ FT	3 BED 1800 SQ FT - 1900 SQ FT	3 BED 2000 SQ FT - 2100 SQ FT	3 BED 2200 SQ FT - 2300 SQ FT	3 BED 2400 SQ FT - 2500 SQ FT	3 BED 2600 SQ FT - 2700 SQ FT	3 BED 2800 SQ FT - 2900 SQ FT	3 BED 3000 SQ FT - 3100 SQ FT	UNIT PARKING STALLS
	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	Unit Car Space 2,344.800	
BUILDING 1	0	0	0	0	0	0	4	4	4	4	0
BUILDING 2	0	0	0	0	0	0	3	3	3	3	0
BUILDING 3	0	0	0	0	0	0	4	4	4	4	0
BUILDING 4	0	0	0	0	0	0	3	3	3	3	0
BUILDING 5	0	Tandem	0	0	2	2	0	0	2	2	4
BUILDING 6	0	Tandem	0	Tandem	0	0	0	0	0	0	8
BUILDING 7	0	Tandem	2	2	0	0	0	0	2	2	4
BUILDING 8	0	Tandem	2	2	0	0	0	0	2	2	4
BUILDING 9	0	Tandem	0	0	2	2	0	0	2	2	4
BUILDING 10	0	Tandem	0	0	2	2	0	0	2	2	4
BUILDING 11	0	0	0	Tandem	0	0	2	2	2	2	4
BUILDING 12	0	0	0	Tandem	0	0	2	2	2	2	4



BLUEGREEN
ARCHITECTURE INC.
www.bluegreenarchitecture.com
100 - 1353 Ellis St.
P | 236.420.3550
Kelowna BC, V1Y 1Z9
F |



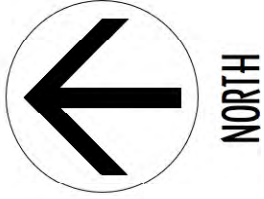
CARRINGTON
HOMES

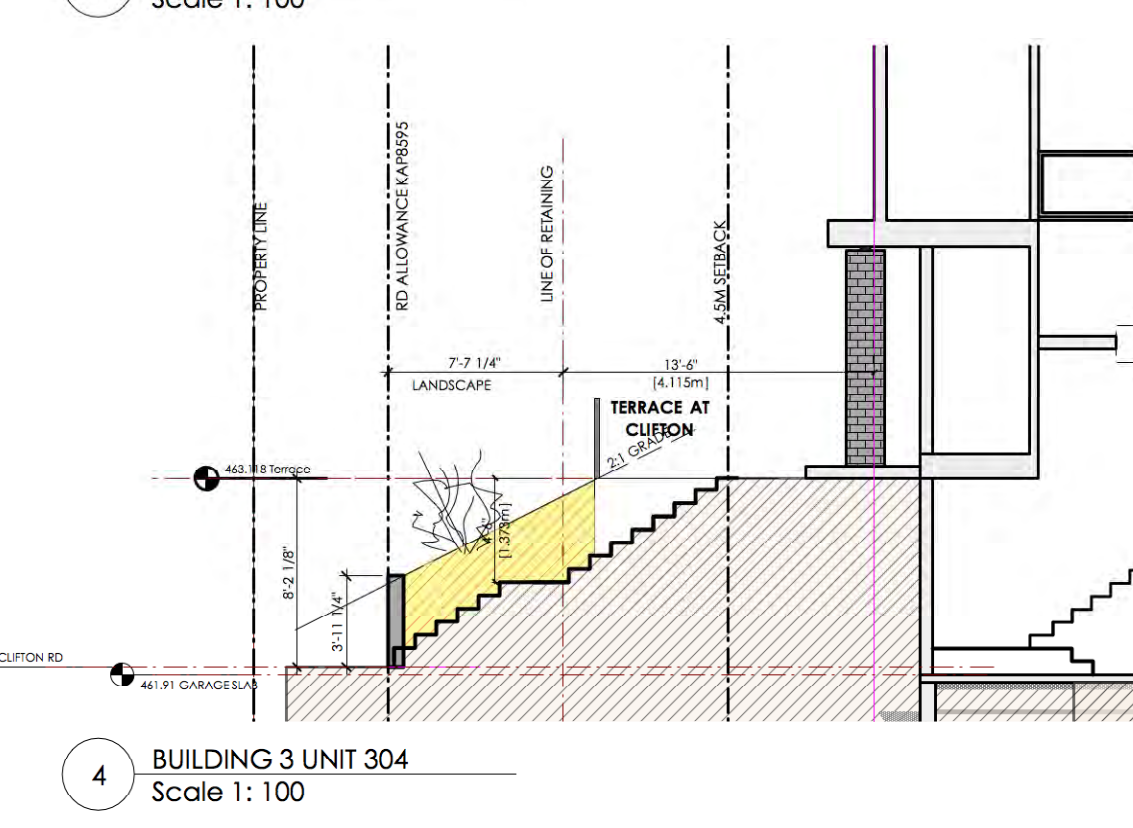
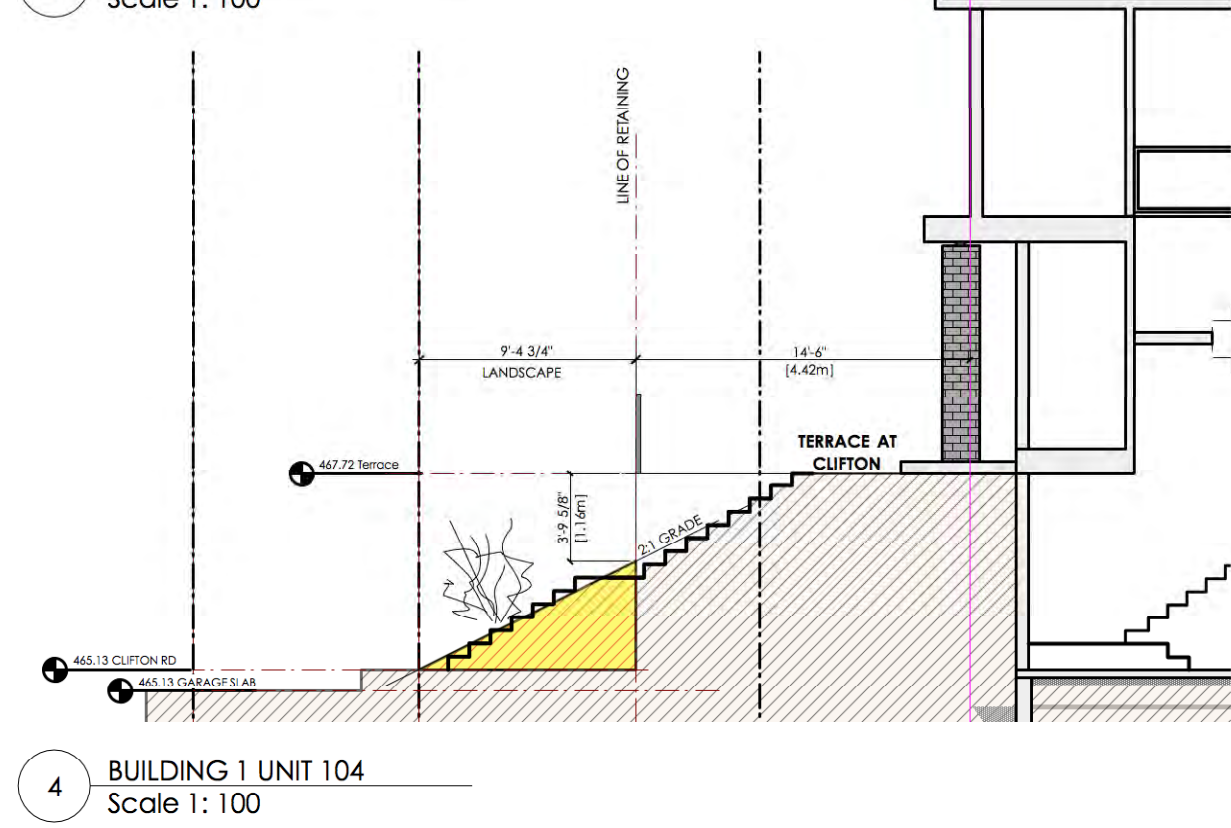
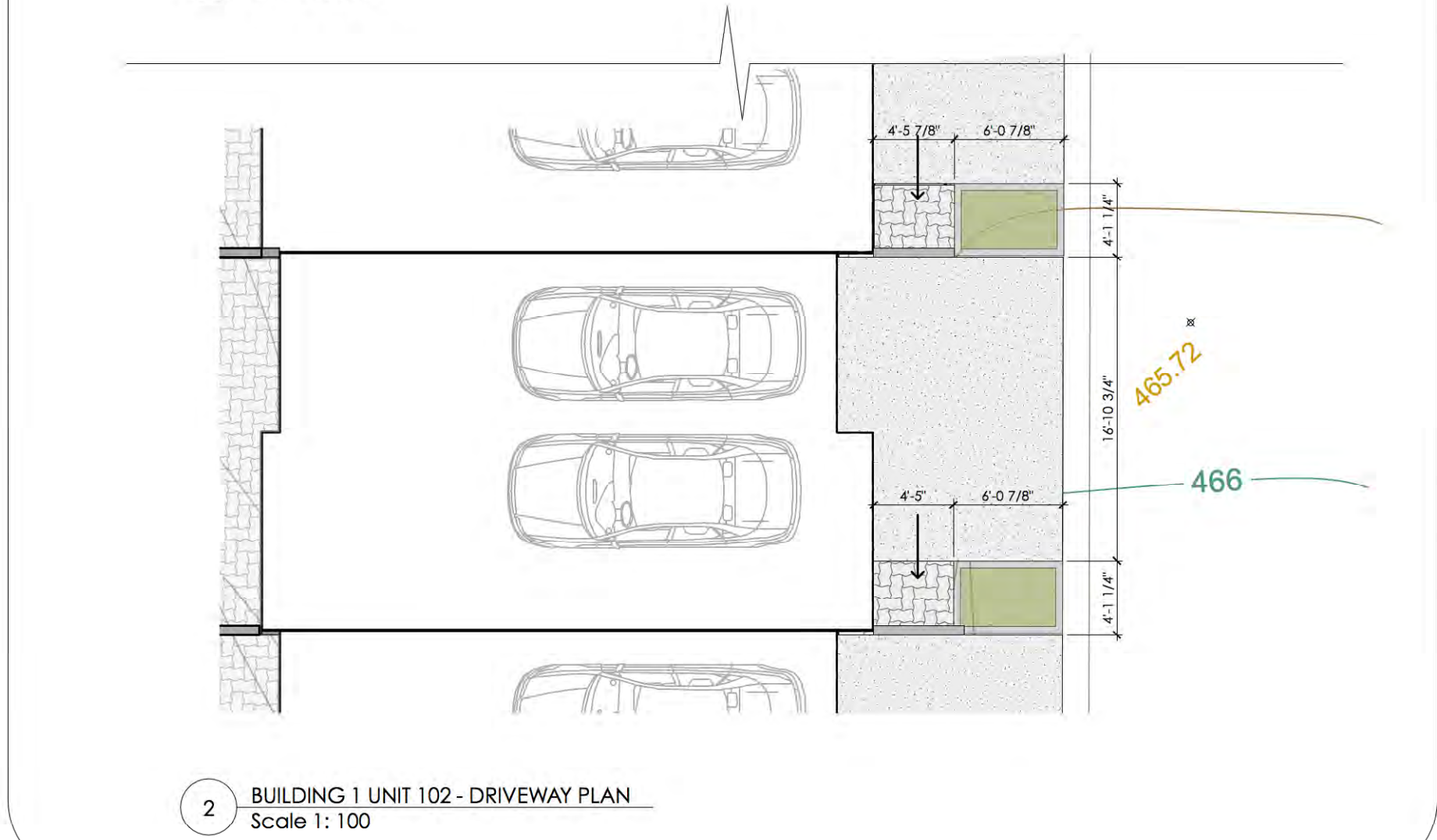
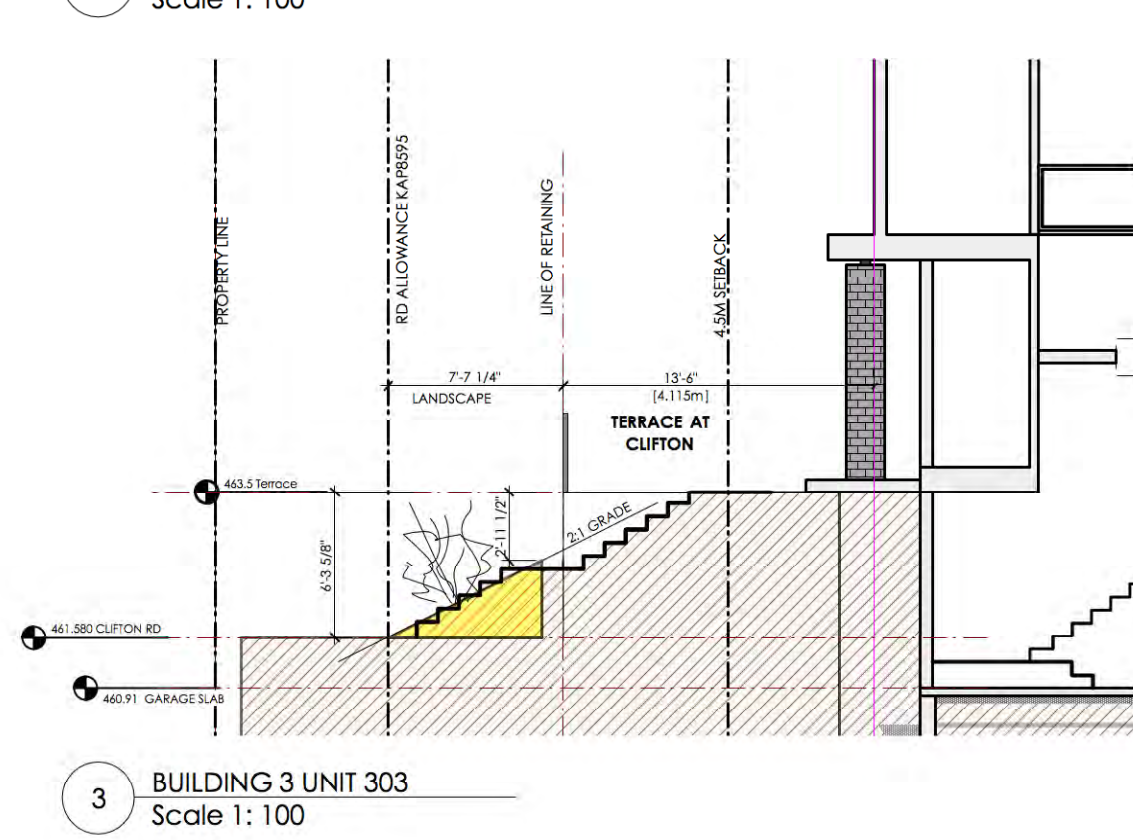
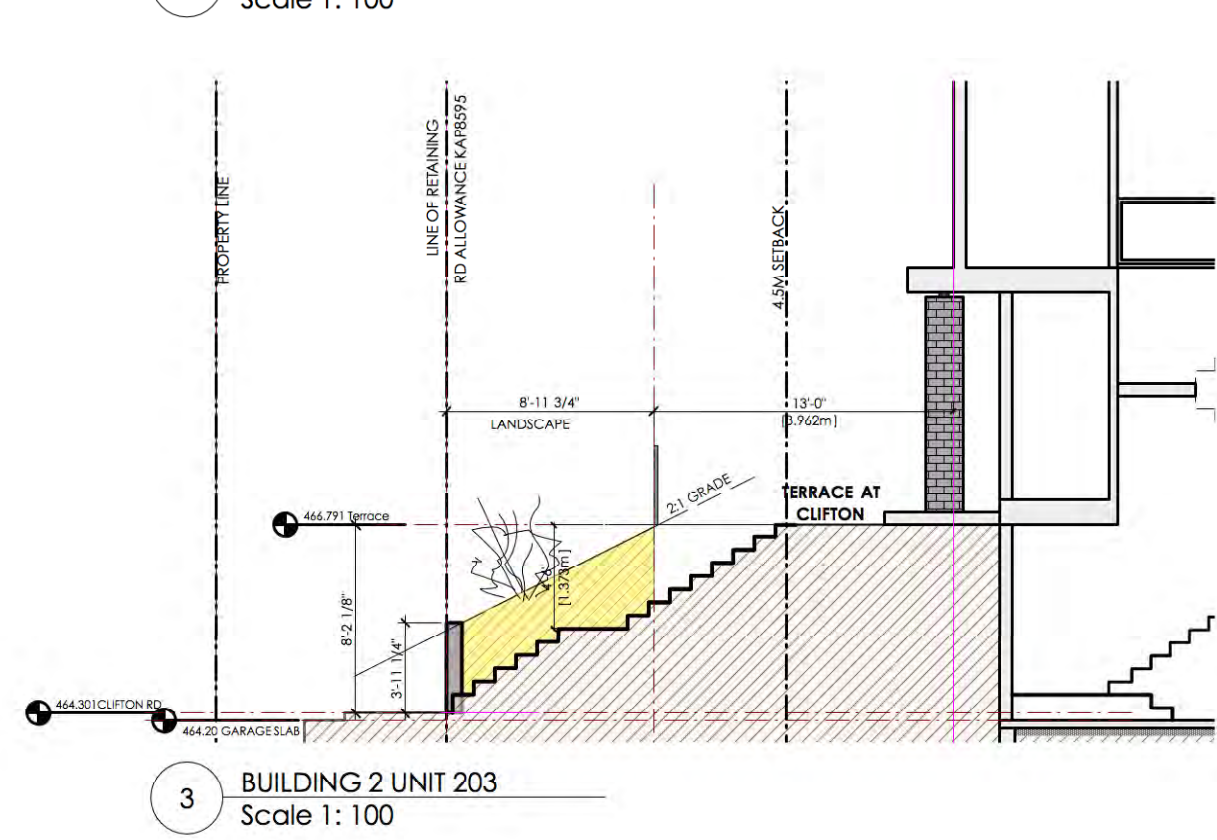
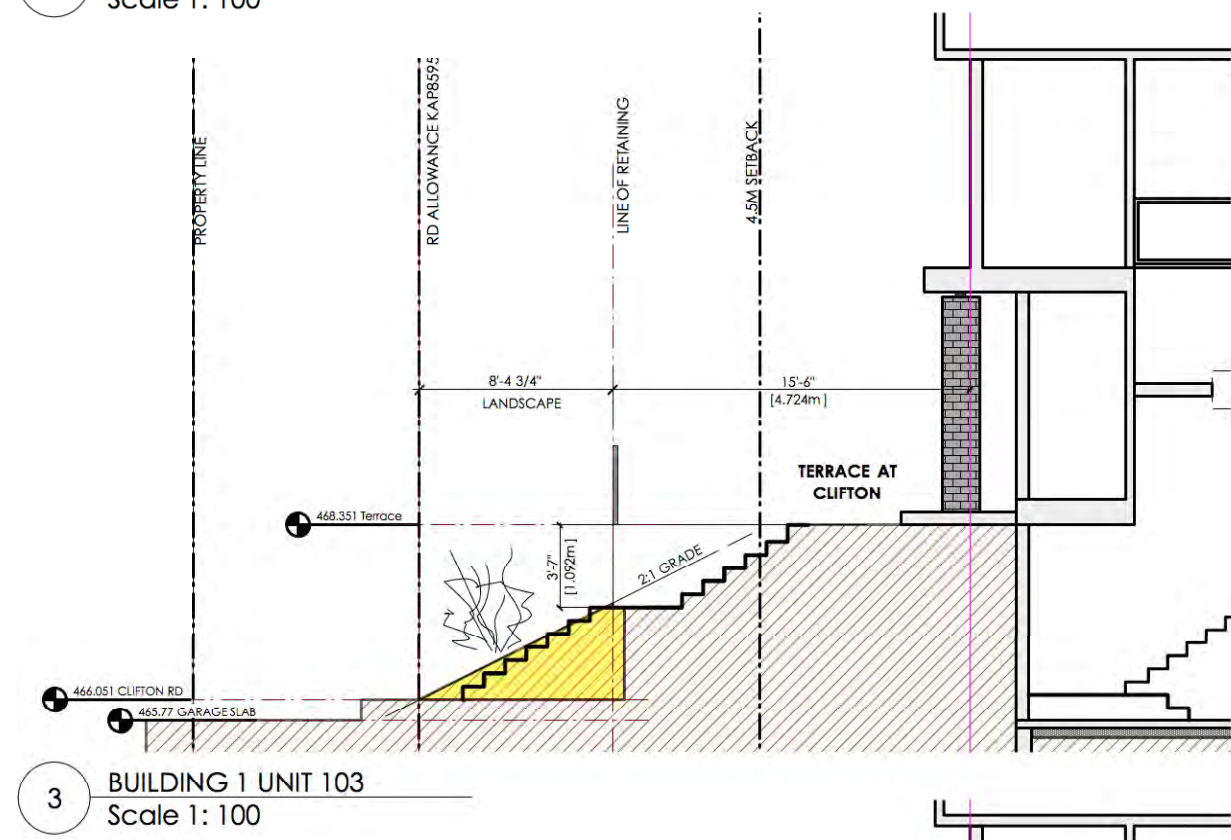
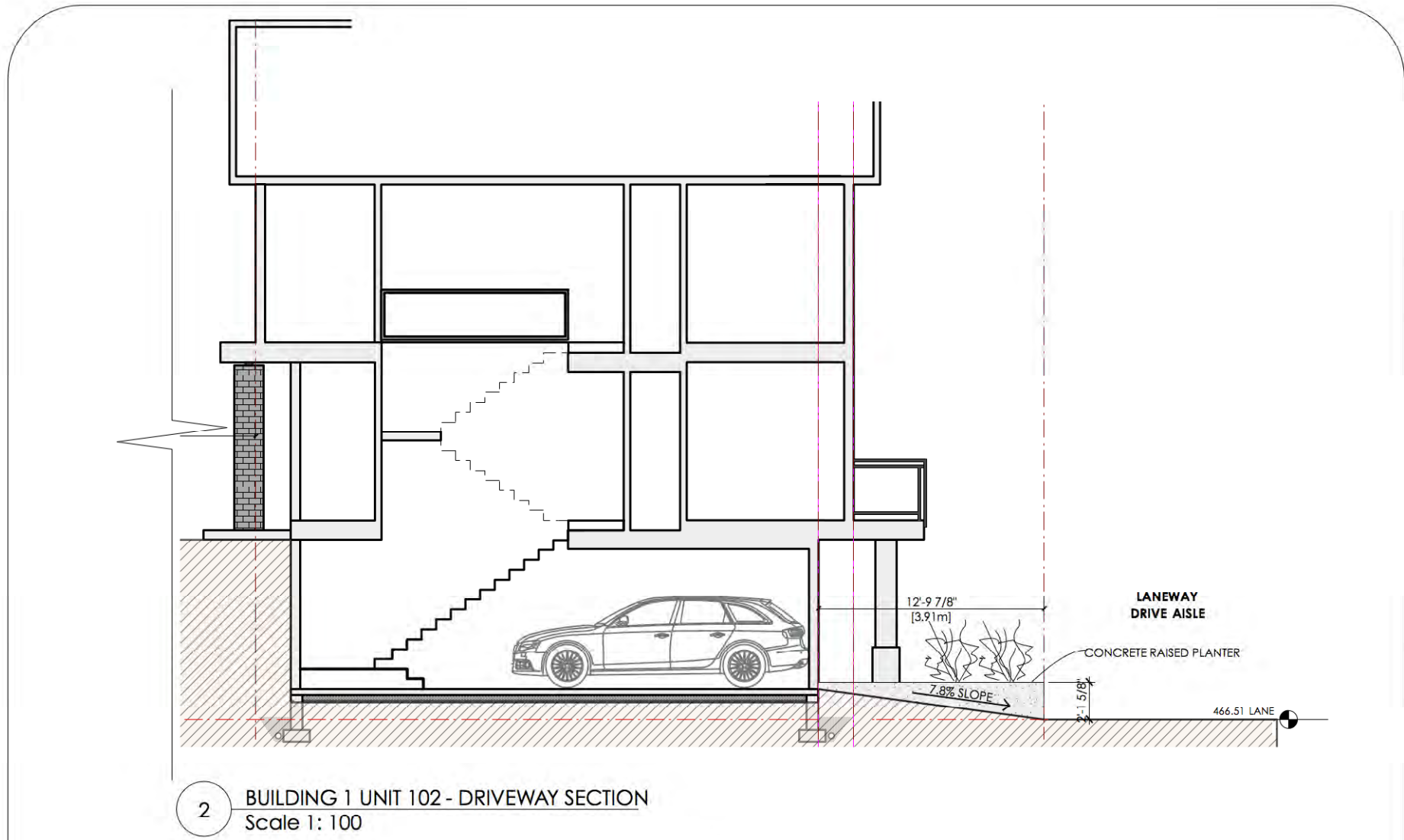
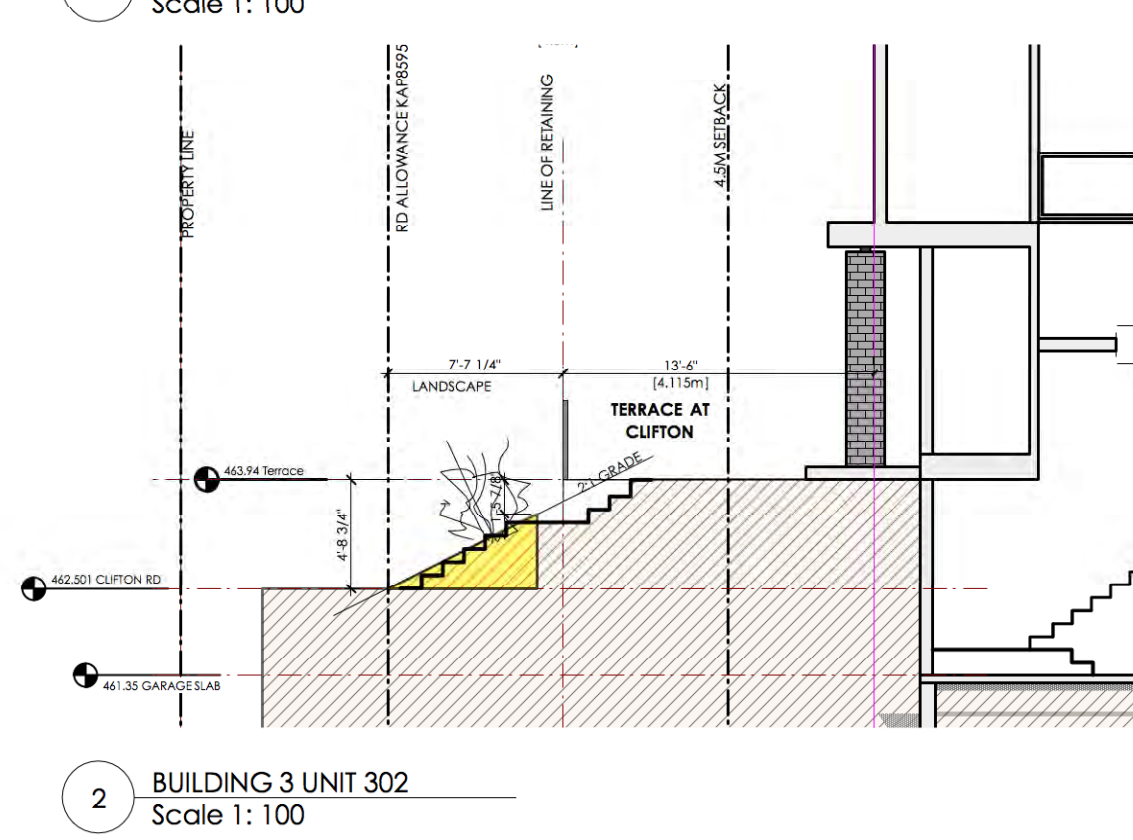
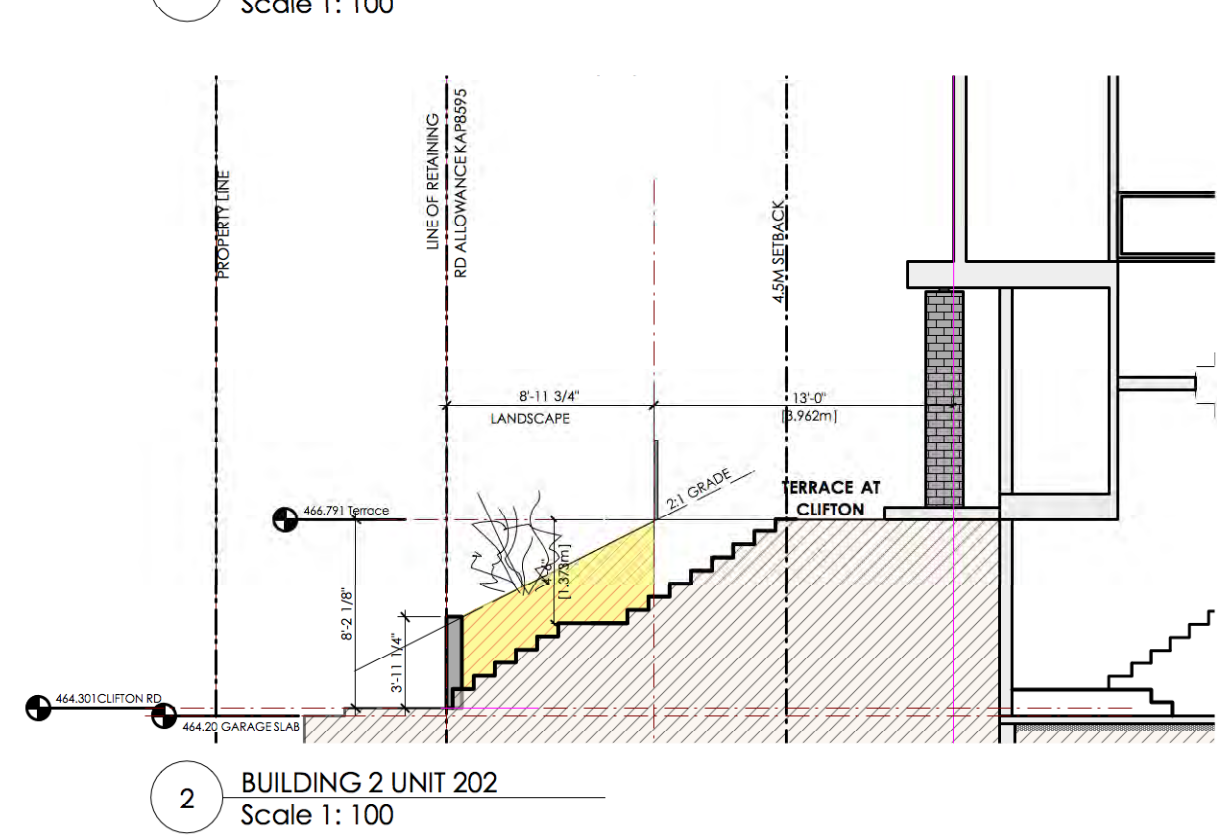
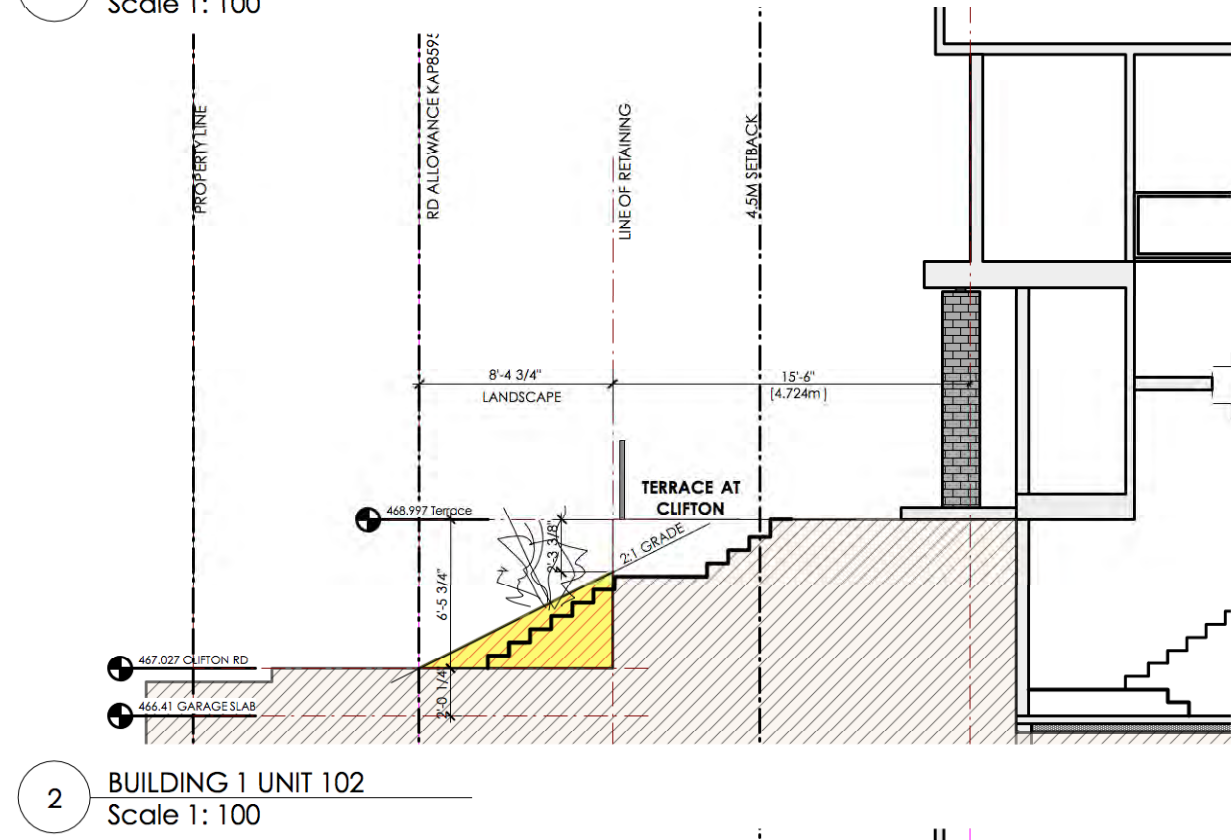
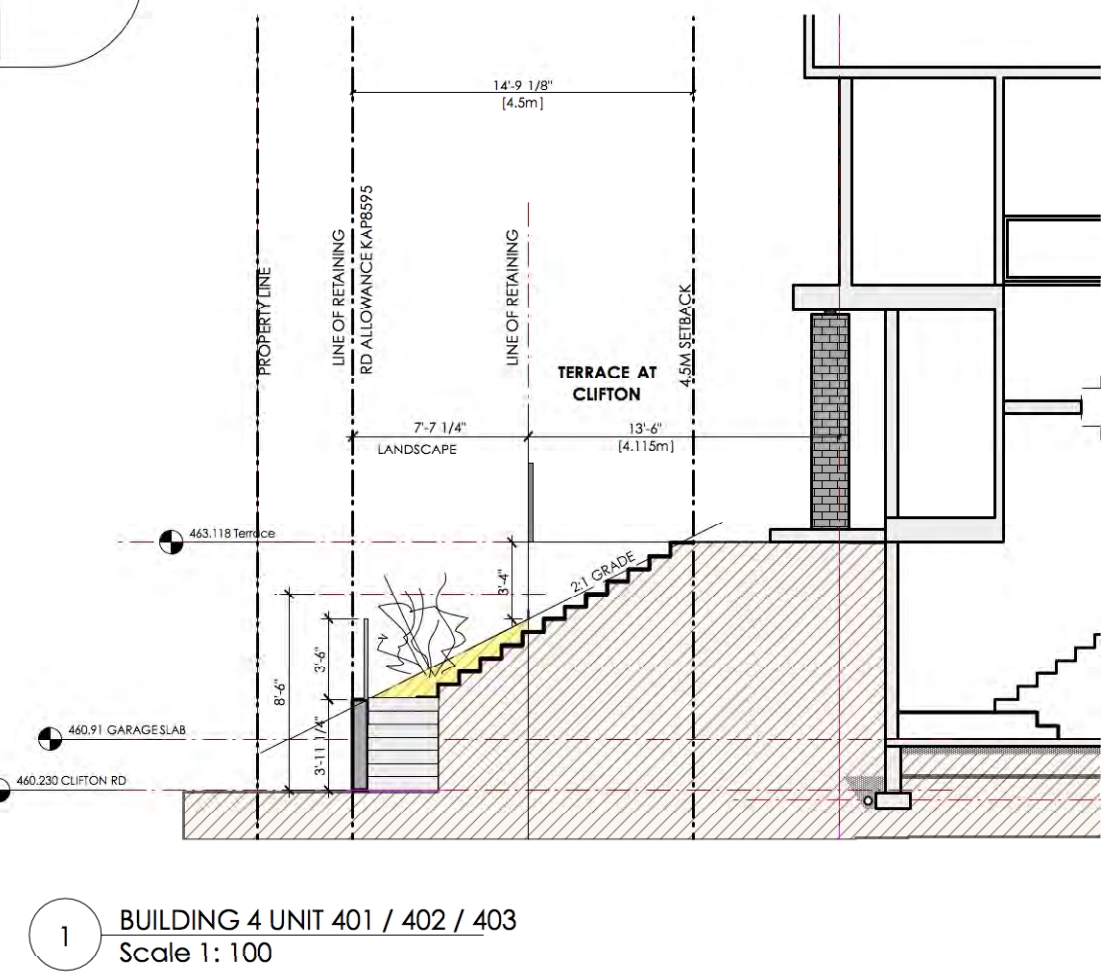
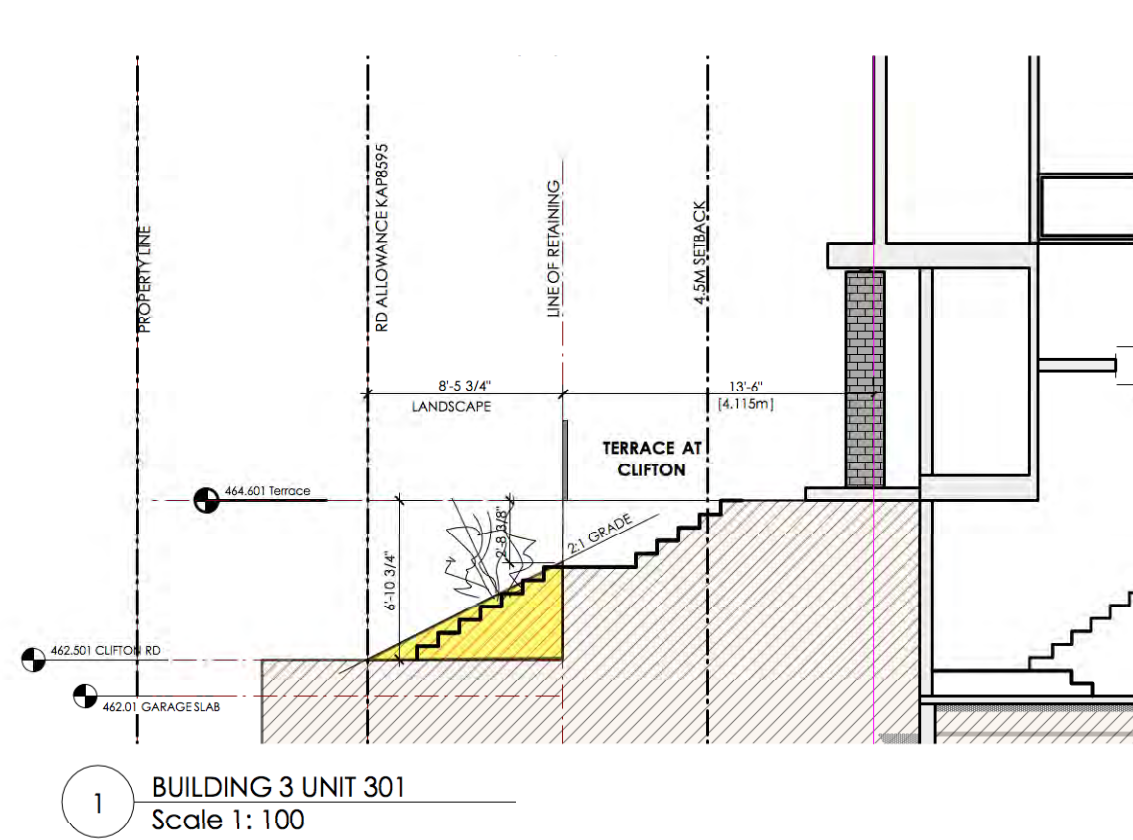
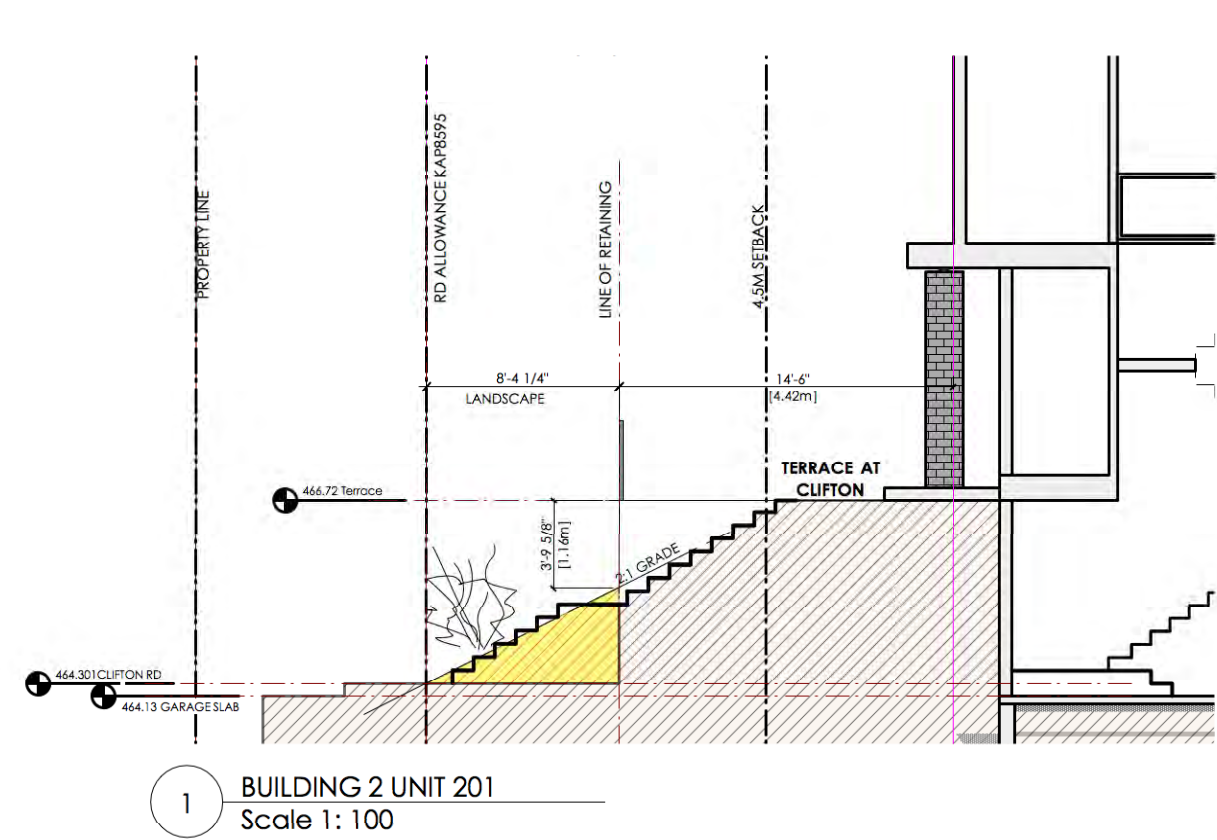
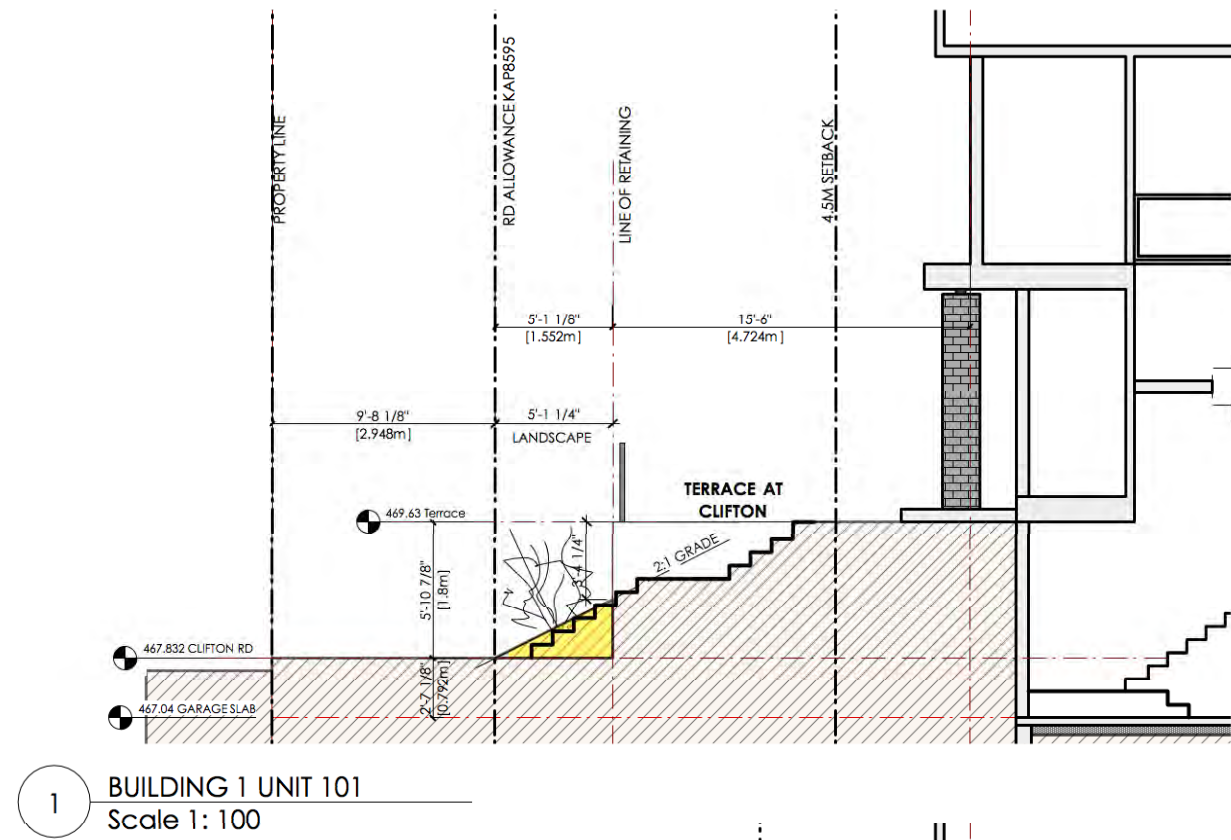
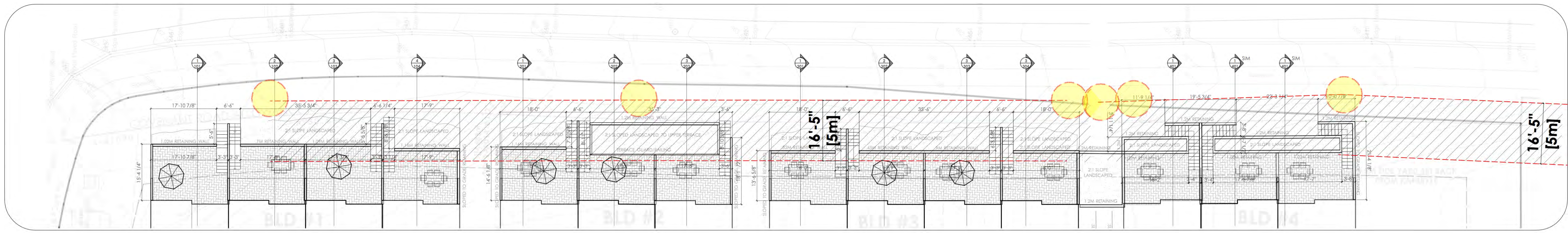
Knox Village - Lot #2
Kelowna BC

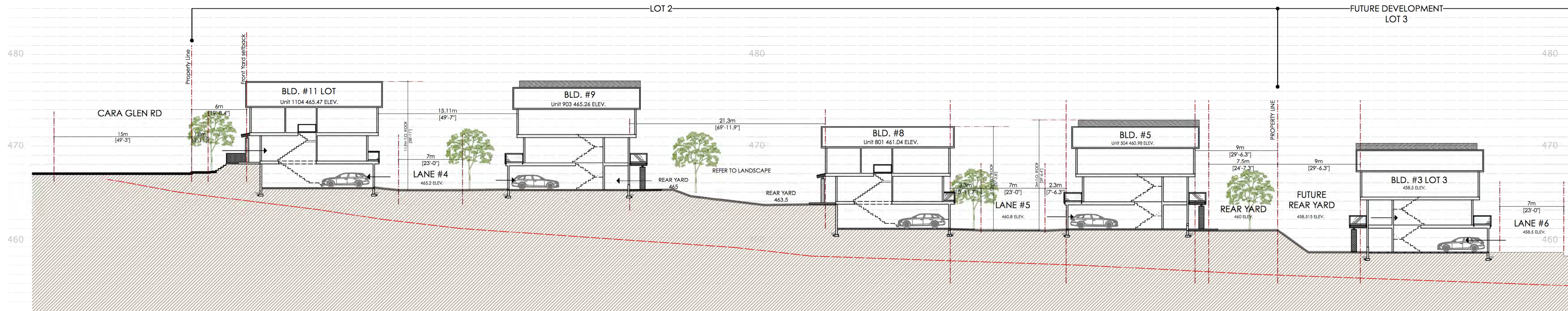
Zoning Outline

DATE 2020.02.26
SCALE 1" = 30'-0"
ISSUED FOR REV DP 20.03.30
PROJECT 19.757

A0.03







1 Site Section
Scale: 1:200



2 Site Section
Scale: 1:200



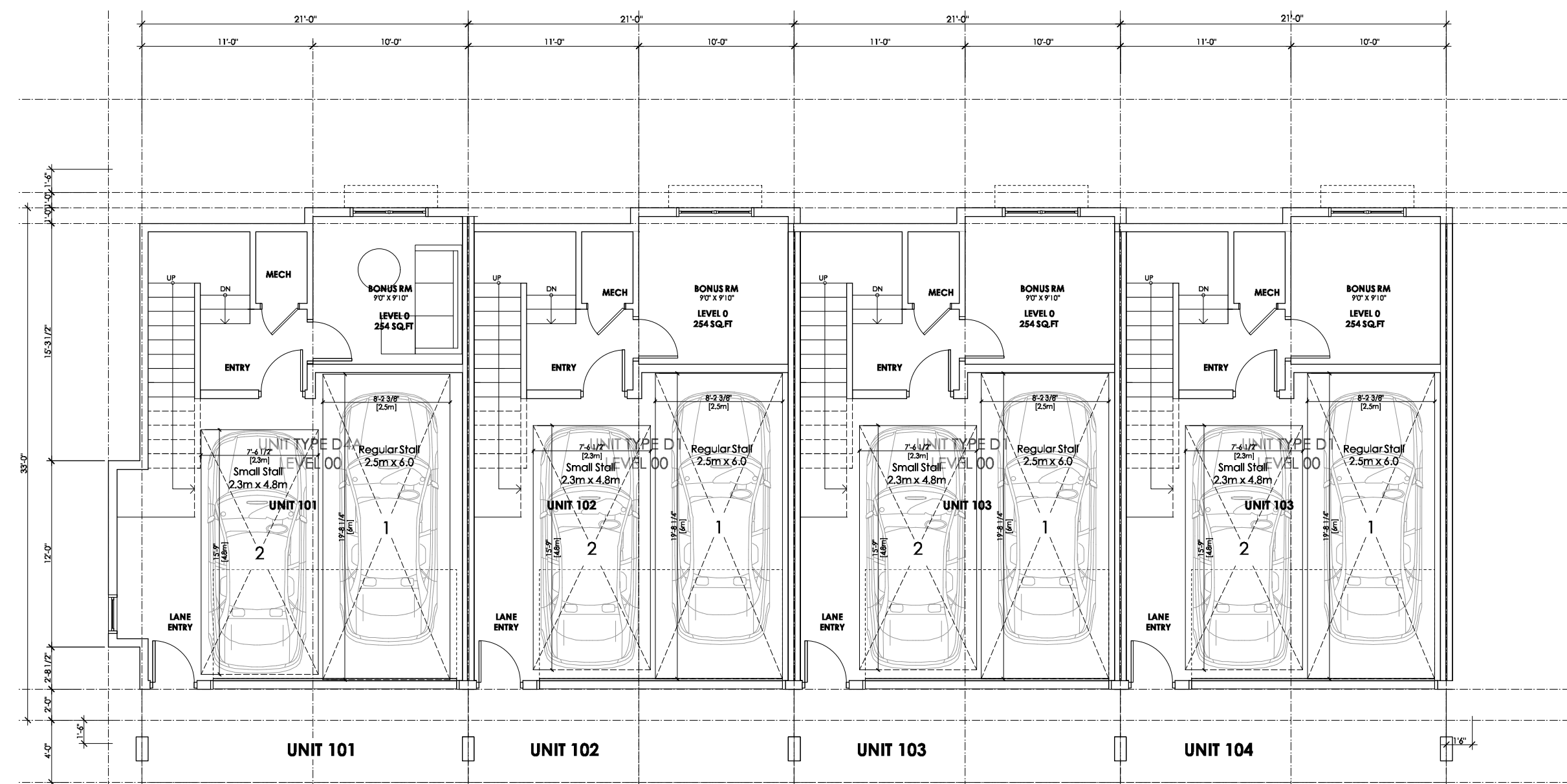
3 Site Section
Scale: 1:200

SCHEDULE B

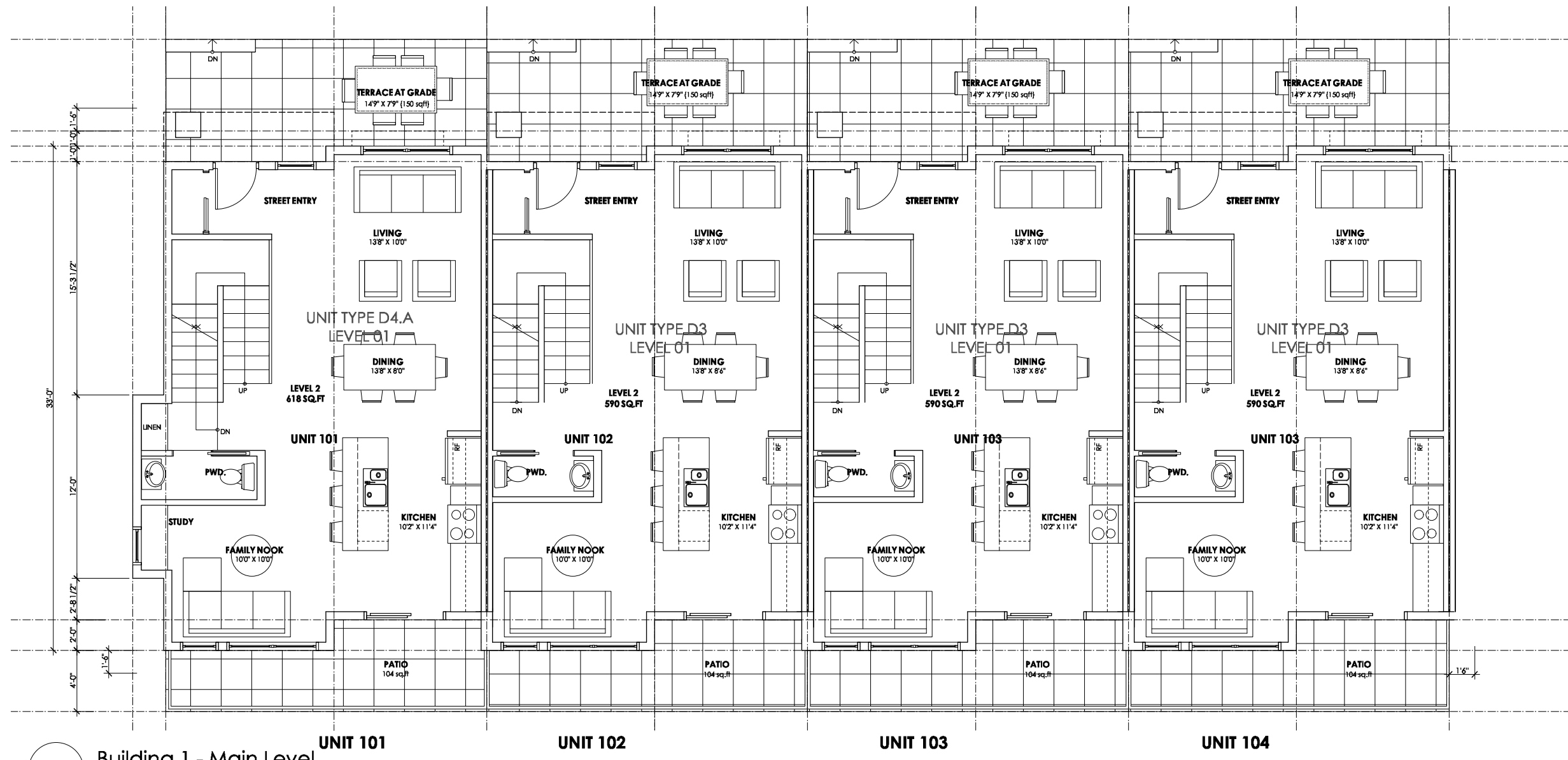
This forms part of application
DP20-0017 & DVP20-0091

Planner Initials **AJ**

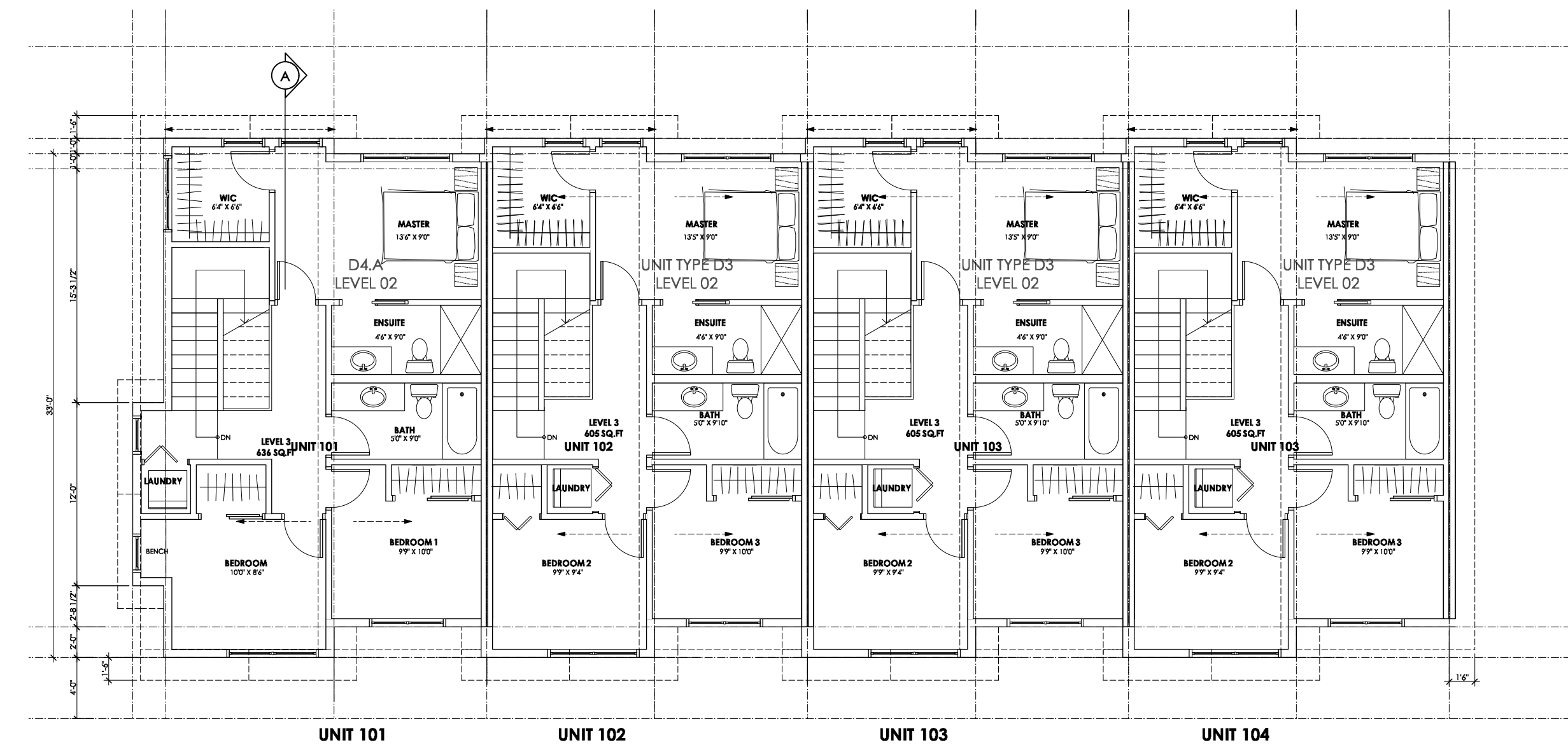
City of Kelowna
DEVELOPMENT PLANNING



1 Building 1 - Lower Level
Scale 1/8" = 1'-0"



2 Building 1 - Main Level
Scale 1/8" = 1'-0"



3 Building 1 - Upper Level
Scale 1/8" = 1'-0"

SCHEDULE

This forms part of application
DP20-0017 & DVP20-009

Planner Initials **AJ**

A & B

City of Kelowna
DEVELOPMENT PLANNING

Building Areas

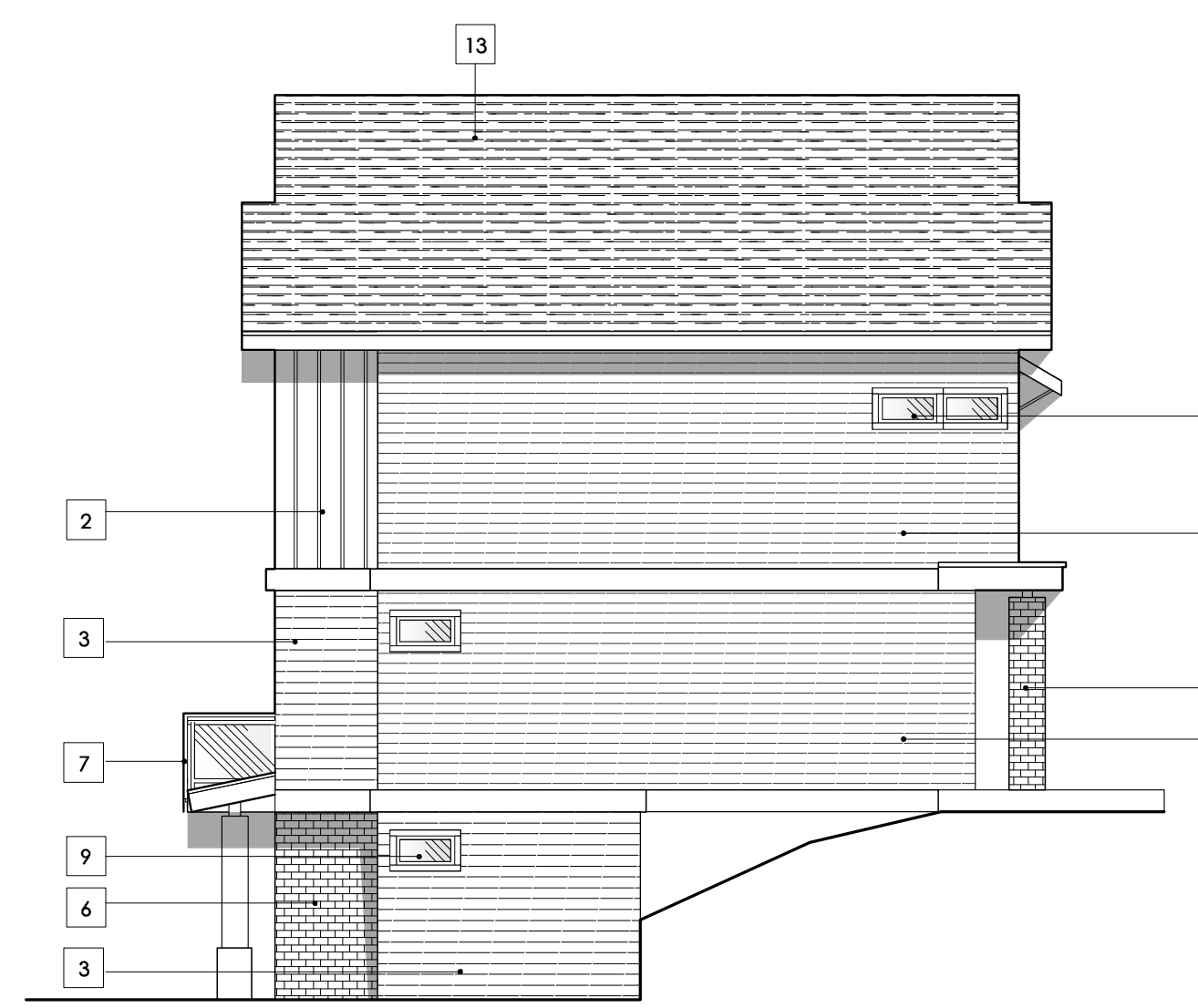
Bid 1 (4 units)

Unit 101 3 Bedroom plus bonus room	Level 01 230 SF 618 SF Level 02 230 SF 618 SF Level 03 230 SF 618 SF Unit Area (1/2/3) 1465 SF	23.2 sqm 57.4 sqm 23.2 sqm 57.4 sqm 23.2 sqm 57.4 sqm 146.5 sqm
Unit 102 3 Bedroom plus bonus room	Level 01 230 SF 595 SF Level 02 230 SF 595 SF Level 03 230 SF 595 SF Unit Area (1/2/3) 1455 SF	23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 145.5 sqm
Unit 103 3 Bedroom plus bonus room	Level 01 230 SF 590 SF Level 02 230 SF 590 SF Level 03 230 SF 590 SF Unit Area (1/2/3) 1445 SF	23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 144.5 sqm
Unit 104 3 Bedroom plus bonus room	Level 01 230 SF 590 SF Level 02 230 SF 590 SF Level 03 230 SF 590 SF Unit Area (1/2/3) 1445 SF	23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 23.2 sqm 54.8 sqm 144.5 sqm
UNIT AREA SUBTOTAL		582.7 SF 582.4 sqm
PRIVATE OPEN SPACE SUBTOTAL		
SUBTOTAL GROSS AREA Level 1		582.7 SF 582.4 sqm
SUBTOTAL Building FAR total		582.7 SF 582.4 sqm
Covered parking, bike storage (not part of area)		0 SF 0.0 sqm

- | | |
|--|--|
| 1 HARDBOARD S/LAP SIDING
SMOOTH FINISH
COL: WHITE HOUSE | 7 ALUMINUM RAILING W/ GLASS
COL: IRON ORE (DARK GREY) |
| 2 HARDBOARD S/BATTIN
COL: VARIOUS COLOURS | 8 PALEA BOARD AND SHOFF
HARDE TRIM
COL: IRON ORE (DARK GREY) |
| 3 HARDBOARD S/LAP SIDING
SMOOTH FINISH
COL: EARTHEN GREY | 9 VINYL RESIDENTIAL WINDOWS
COL: BLACK
WINDOW TRIM HARDE TRIM
COL: EARTHEN GREY |
| 5.1 ACCENT COLOUR 3
HARDBOARD S/LAP SIDING
COL: GLAZING GREY | 10 VINYL RESIDENTIAL WINDOWS
COL: WHITE
WINDOW TRIM HARDE TRIM
COL: WHITE HOUSE |
| 5.2 ACCENT COLOUR 3
HARDBOARD S/LAP SIDING
COL: COLONIAL BLUE | 11 DECORATIVE GRILLE
COL: DARK GREY |
| 5.3 ACCENT COLOUR 3
HARDBOARD S/LAP SIDING
COL: BAYOU BLUE | 12 GARAGE DOOR (VARIOUS STEPS)
COL: DARK GREY |
| 5.4 ACCENT COLOUR 3
HARDBOARD S/LAP SIDING
COL: COPPER PRISM | 13 ASPHALT SHINGLES
COL: DARK GREY |
| 5.5 ACCENT COLOUR 3
HARDBOARD S/LAP SIDING
COL: TRENDING STREET | 14 METAL BRANDING SIGN
AT SHED ROOF
COL: SILVER |
| 4 BACK WHITE
CREATIVE WOODS STONE
MIXED MATERIALS STONE
COL: RANGLOVE CRAFT BRICK | 15 FLAT ROOF AT ENTRY |
| | 16 ACCENT LIGHTING |
| | 17 CONCRETE BASE |



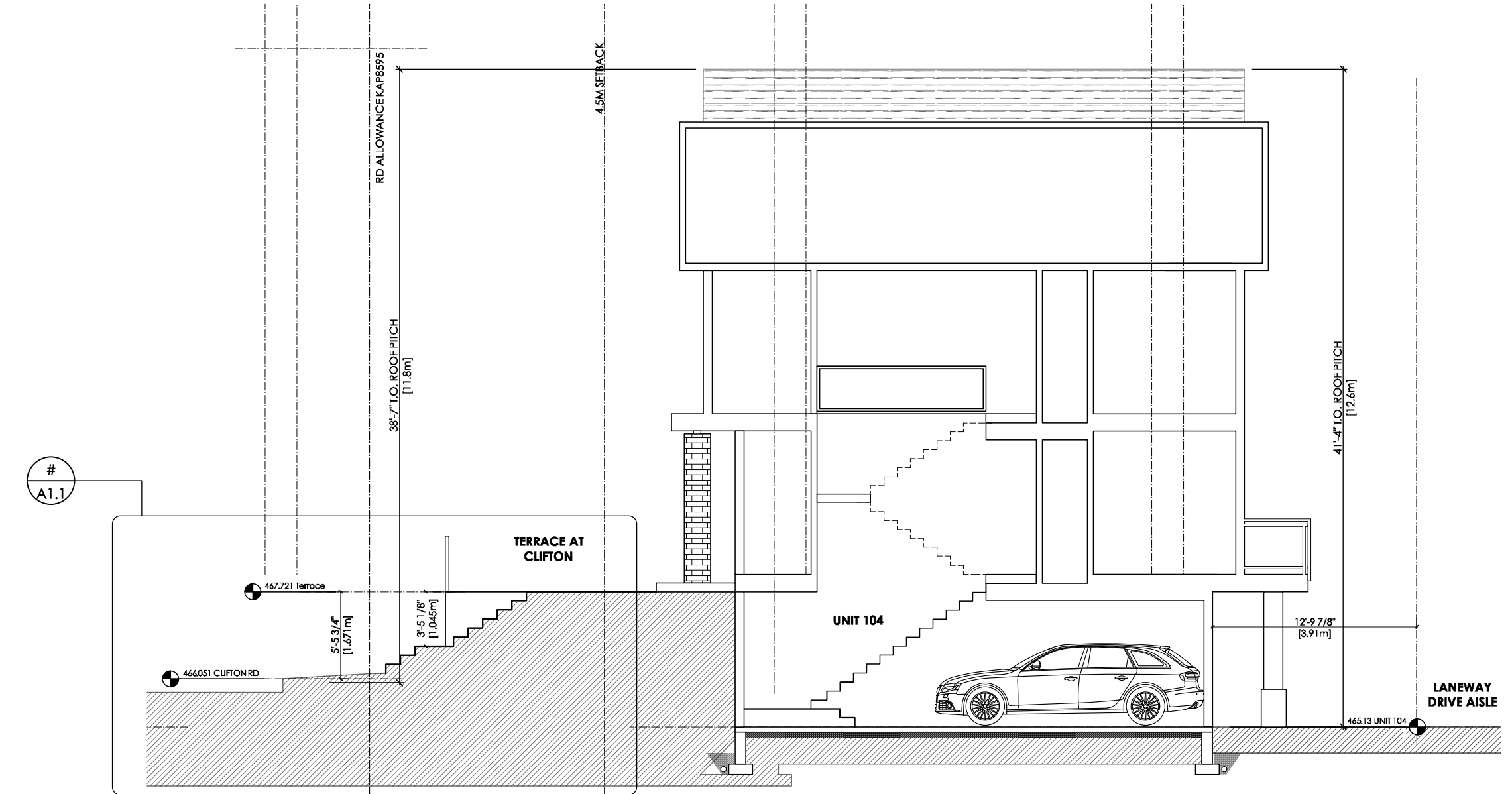
E-1 Building 1 - Lane Elevation
Scale 1/8" = 1'-0"



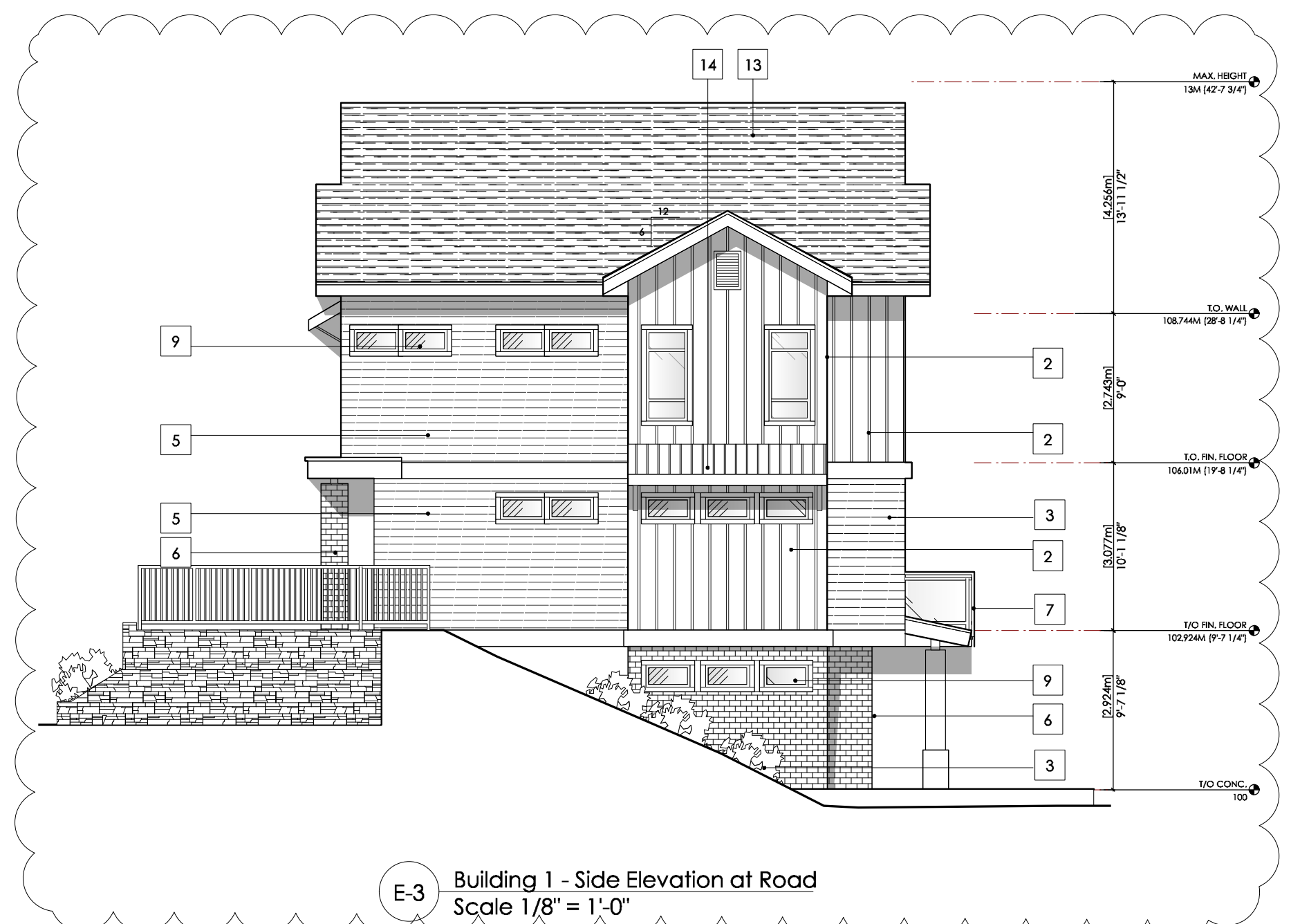
E-4 Building 1 - Side Elevation Non street View
Scale 1/8" = 1'-0"



E-2 Building 1 - Clifton Elevation
Scale 1/8" = 1'-0"



A Building 1 - Building Section Similar to.
Scale 1/8" = 1'-0"



E-3 Building 1 - Side Elevation at Road
Scale 1/8" = 1'-0"

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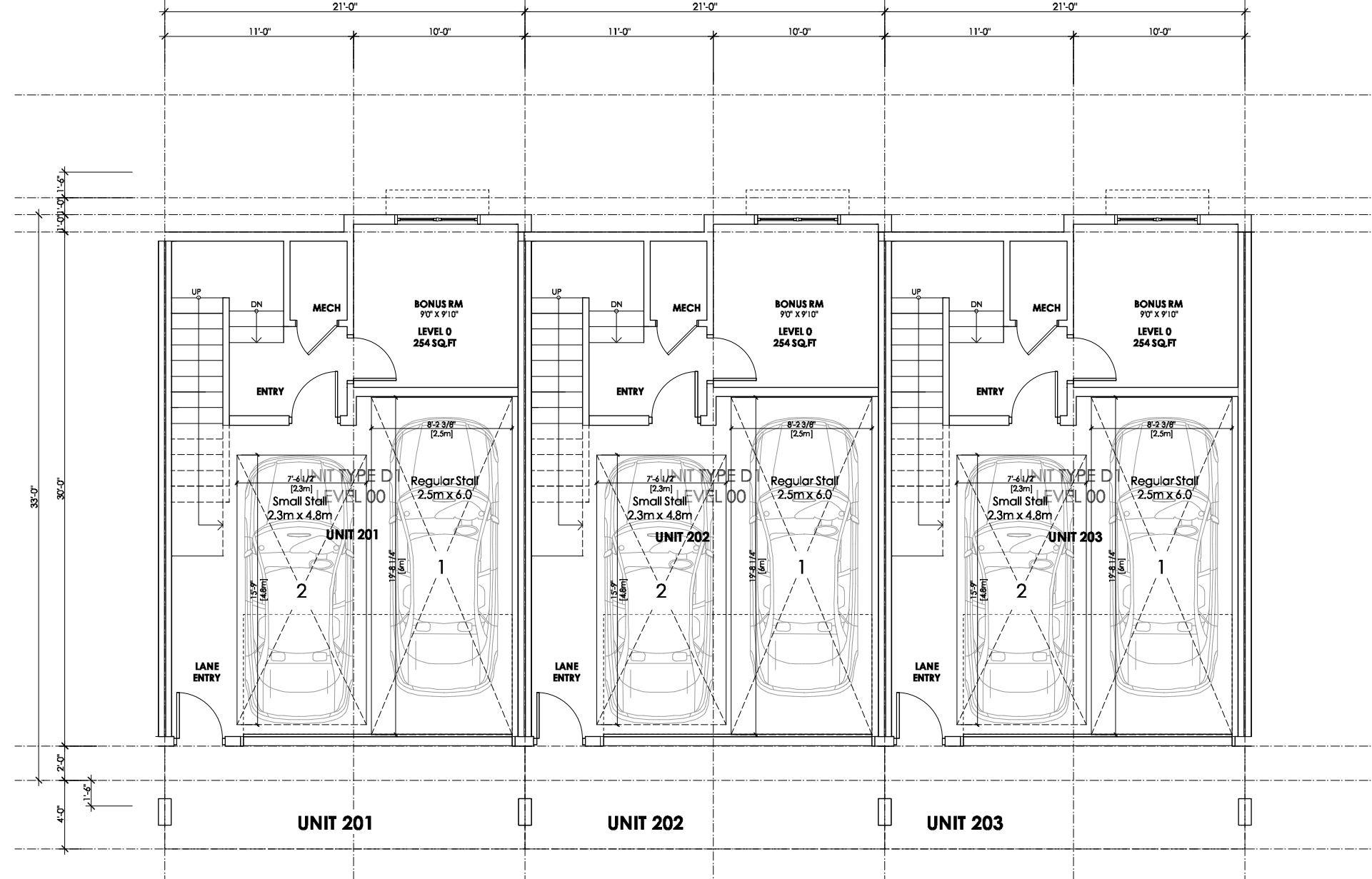
CARRINGTON HOMES

Knox Village - Lot #2
Kelowna BC

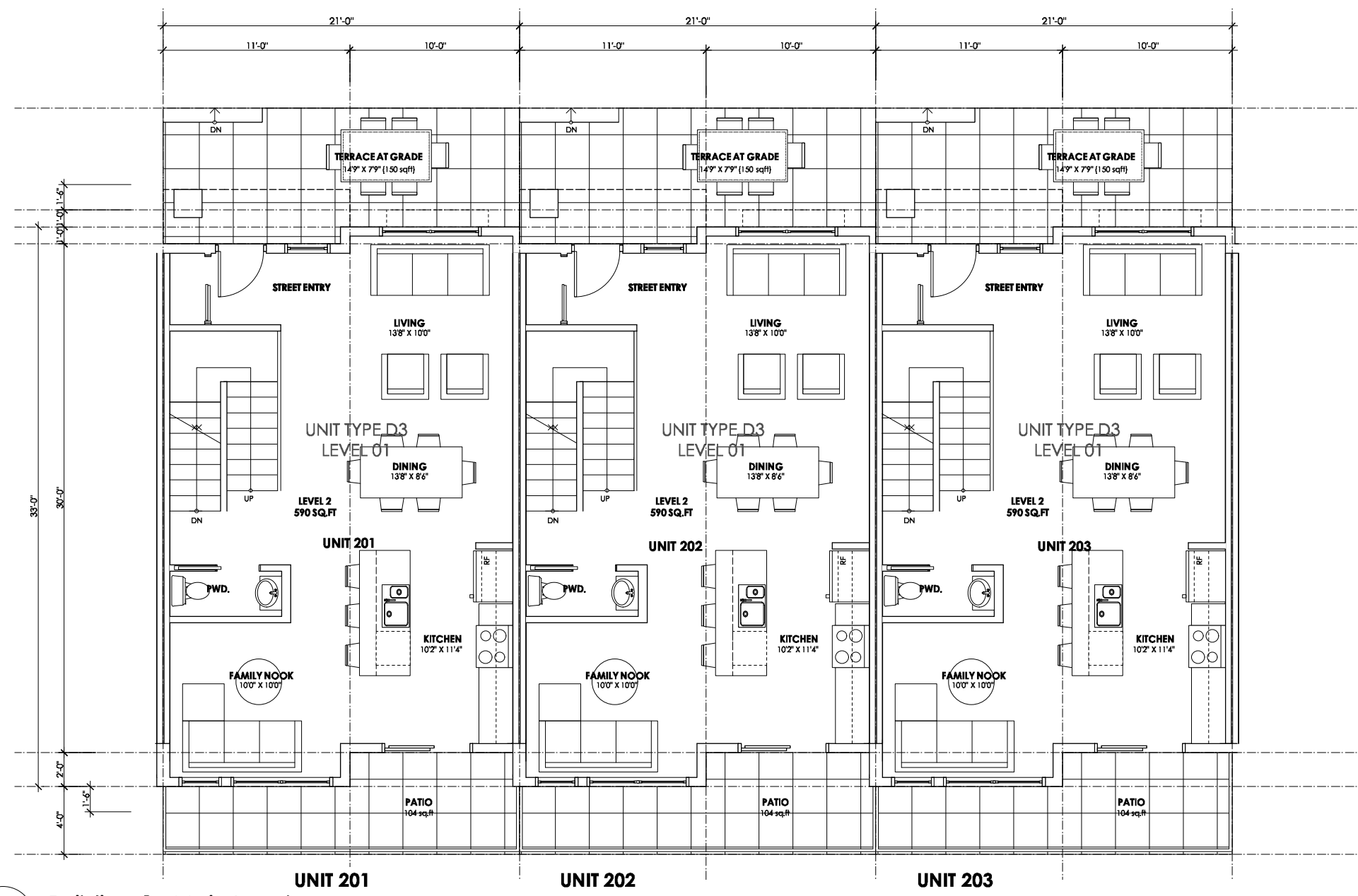
Building #1 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30
PROJECT 19.757

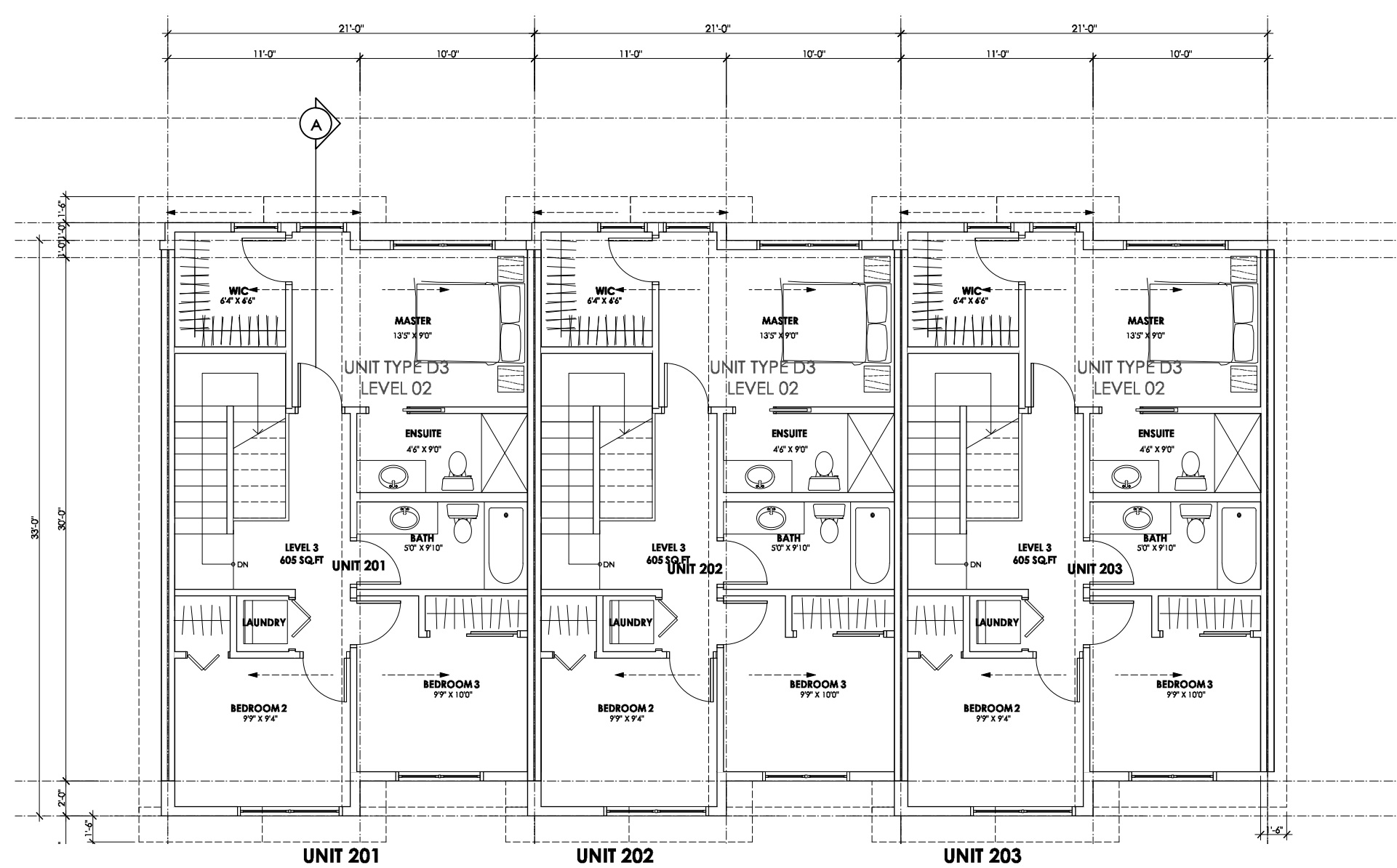
A3.0



1 Building 2 - Lower Level
Scale 1/8" = 1'-0"



2 Building 2 - Main Level
Scale 1/8" = 1'-0"



3 Building 2 - Upper Level
Scale 1/8" = 1'-0"

Building Areas

Bld 2 (3 units)			
Unit 201 3 Bedroom plus bonus room	Level 01	250 SF	23.2 sqm
	Level 02	390 SF	36.0 sqm
	Level 03	400 SF	37.2 sqm
	Gross Footprint Level 1	1040 SF	96.4 sqm
Unit 202 3 Bedroom plus bonus room	Level 01	250 SF	23.2 sqm
	Level 02	390 SF	36.0 sqm
	Level 03	400 SF	37.2 sqm
	Gross Footprint Level 1	1040 SF	96.4 sqm
Unit 203 3 Bedroom plus bonus room	Level 01	250 SF	23.2 sqm
	Level 02	390 SF	36.0 sqm
	Level 03	400 SF	37.2 sqm
	Gross Footprint Level 1	1040 SF	96.4 sqm
UNIT AREA SUBTOTAL		4350 SF	403.7 sqm
PRIVATE OPEN SPACE SUBTOTAL		0 SF	0.0 sqm
SUBTOTAL GROSS AREA Level 1		1150 SF	106.4 sqm
SUBTOTAL Building FAR total		4350 SF	403.7 sqm
Covered parking, bike storage (not part of area)		0 SF	0.0 sqm

Material Board

1	HARDY BOARD 5" LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDY BOARD & BATTIN COL: VARIOUS COLOURS	8	FACIA BOARD AND JOINT HARDY TRIM COL: IRON ORE (DARK GREY)
3	HARDY BOARD 5" LAP SIDING SMOOTH FINISH COL: EARTHEN GRAY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARDY TRIM COL: EARTHEN GRAY
5.1	ACCENT COLOUR 1: HARDY BOARD 5" LAP SIDING COL: GLEANING GRAY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDY TRIM COL: WHITE HOUSE
5.2	ACCENT COLOUR 2: HARDY BOARD 5" LAP SIDING COL: COGNAC BLUE	11	DECORATIVE GRILLE COL: DARK GREY
5.3	ACCENT COLOUR 3: HARDY BOARD 5" LAP SIDING COL: BAYOU BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
5.4	ACCENT COLOUR 4: HARDY BOARD 5" LAP SIDING COL: COPPER PEARL	13	ASPHALT SHINGLES COL: DARK GREY
5.5	ACCENT COLOUR 5: HARDY BOARD 5" LAP SIDING COL: TRENTON STREET	14	METAL BRANDING SIGN ATTACHED ROOF COL: SILVER
4	BRICK VENEER CREATING MANIFEST MIX: WATKINS STONE COL: BAYOU BLUE / CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE

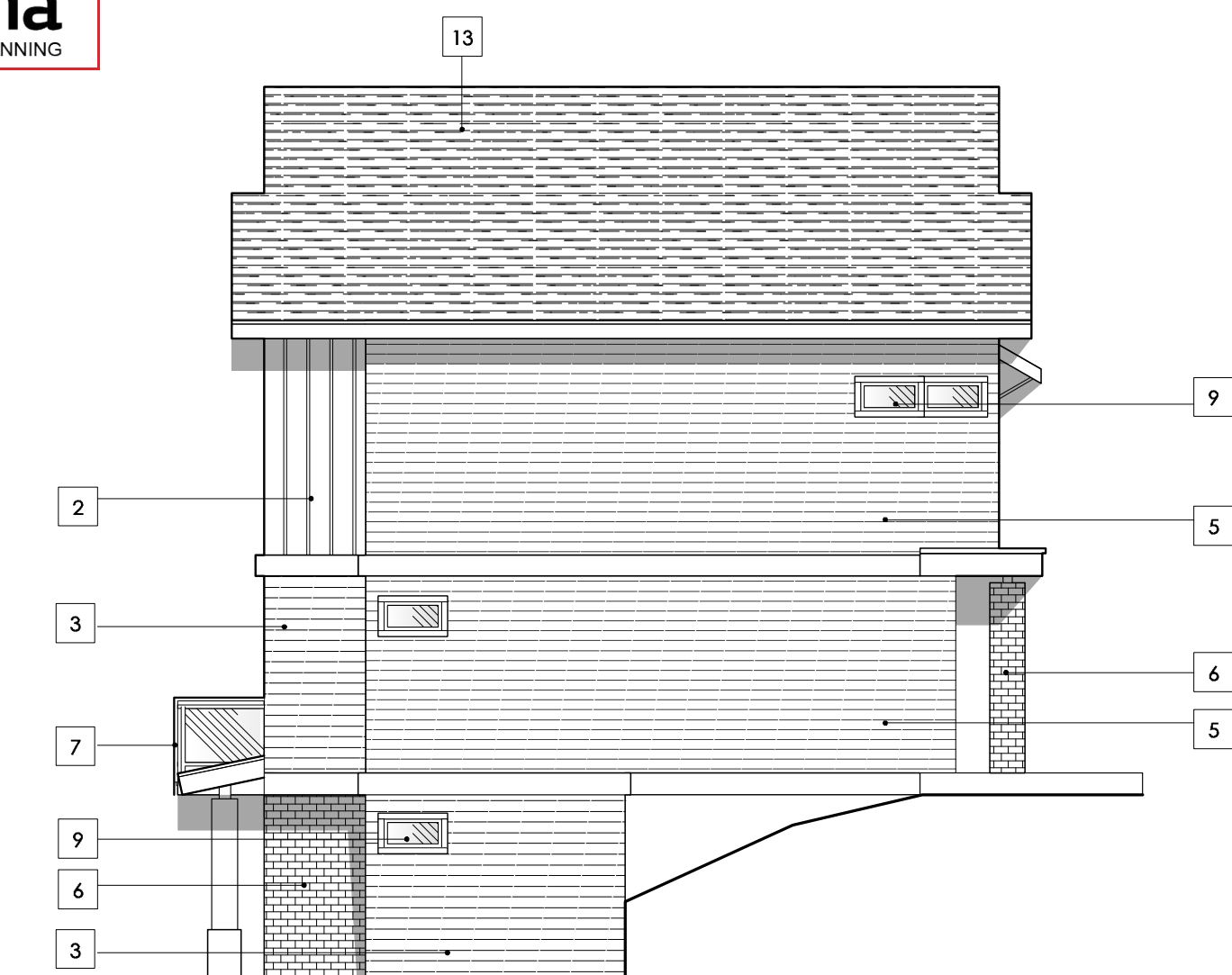
SCHEDULE

A & B

This forms part of application
DP20-0017 & DVP20-009

Planner
Initials **AJ**

City of
Kelowna
DEVELOPMENT PLANNING



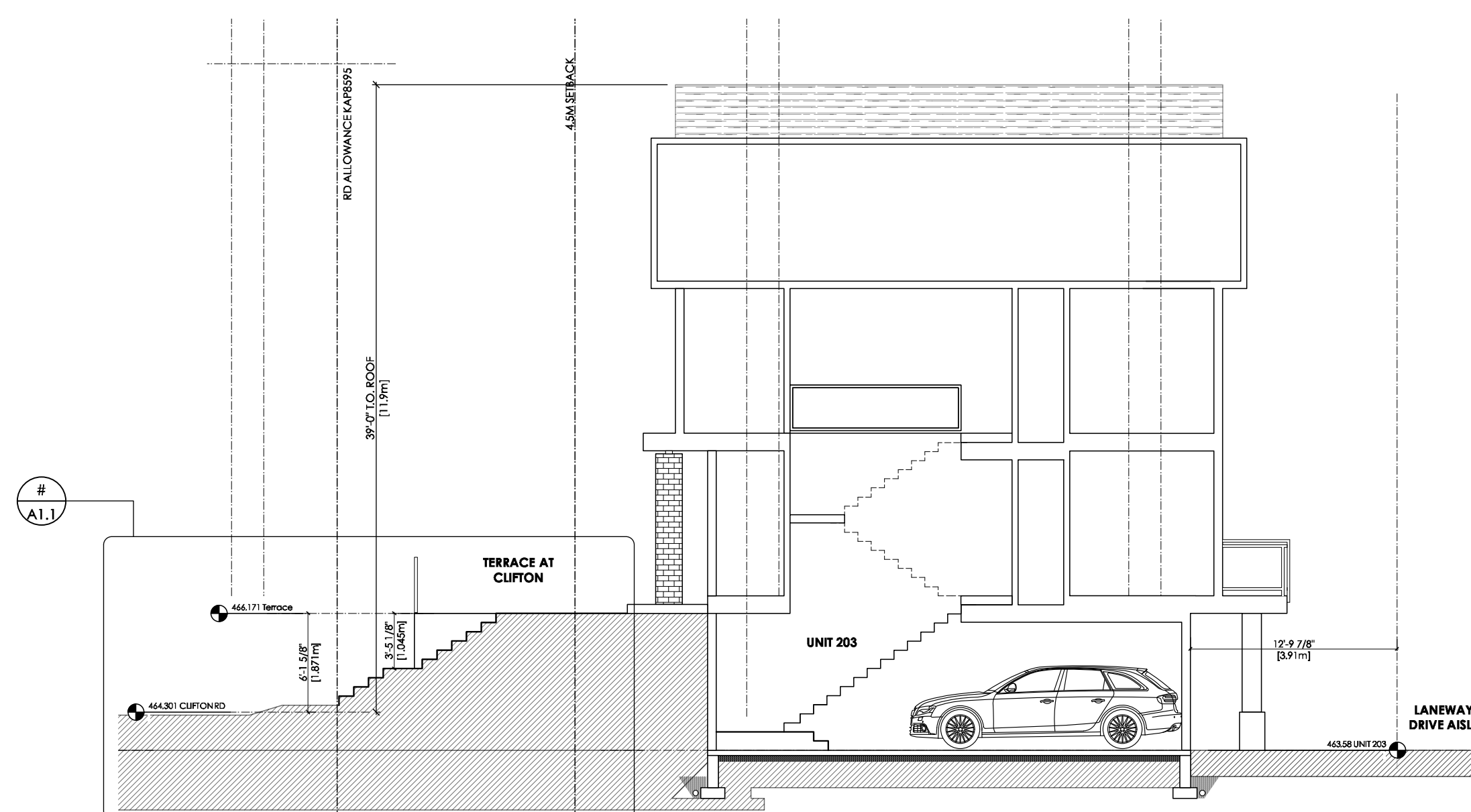
E-4 Building 2 - Side Elevation Non street View
Scale 1/8" = 1'-0"



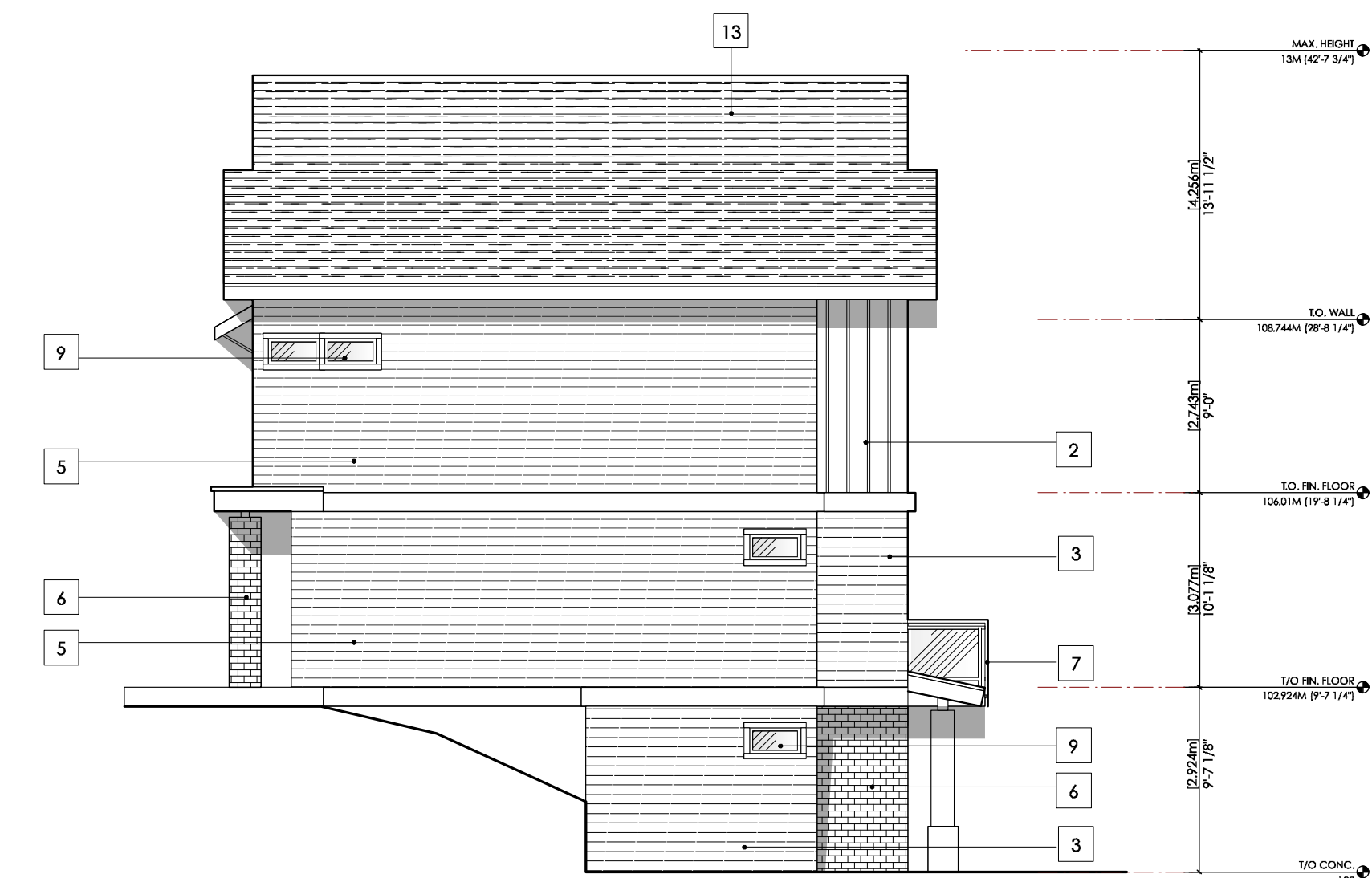
E-1 Building 2 - Lane Elevation
Scale 1/8" = 1'-0"



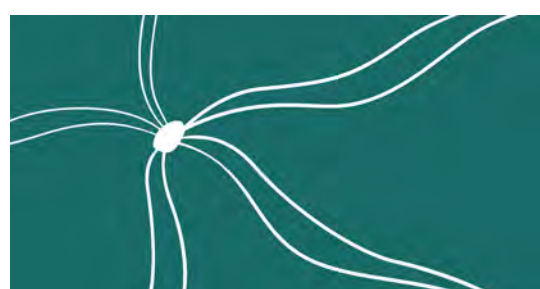
E-2 Building 2 - Clifton Elevation
Scale 1/8" = 1'-0"



A Building 2 - Building Section Similar to
Scale 1/8" = 1'-0"



E-3 Building 2 - Side Elevation
Scale 1/8" = 1'-0"



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**CARRINGTON
HOMES**

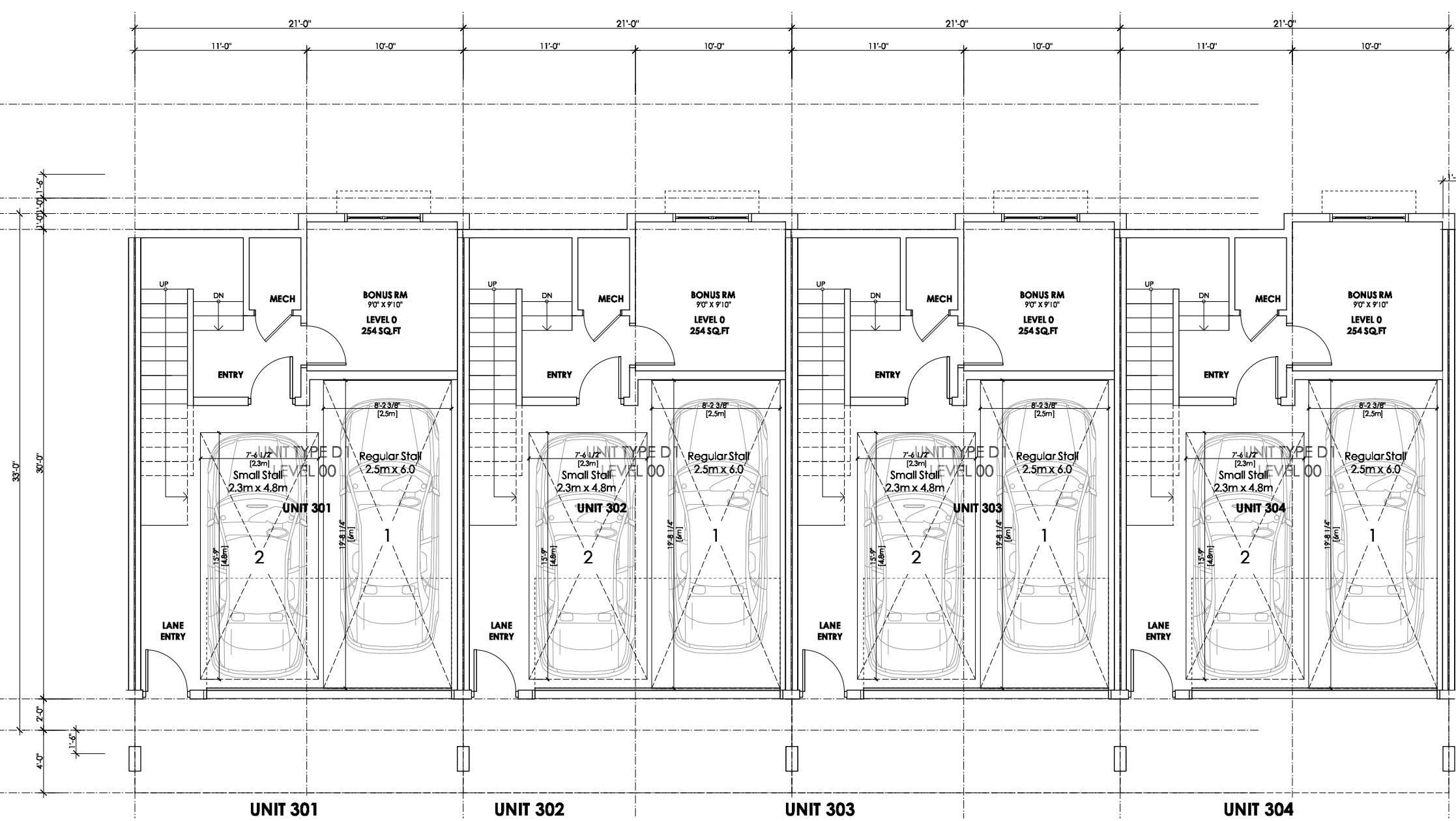
Knox Village - Lot #2
Kelowna BC

Building #2 Plans & Elevations

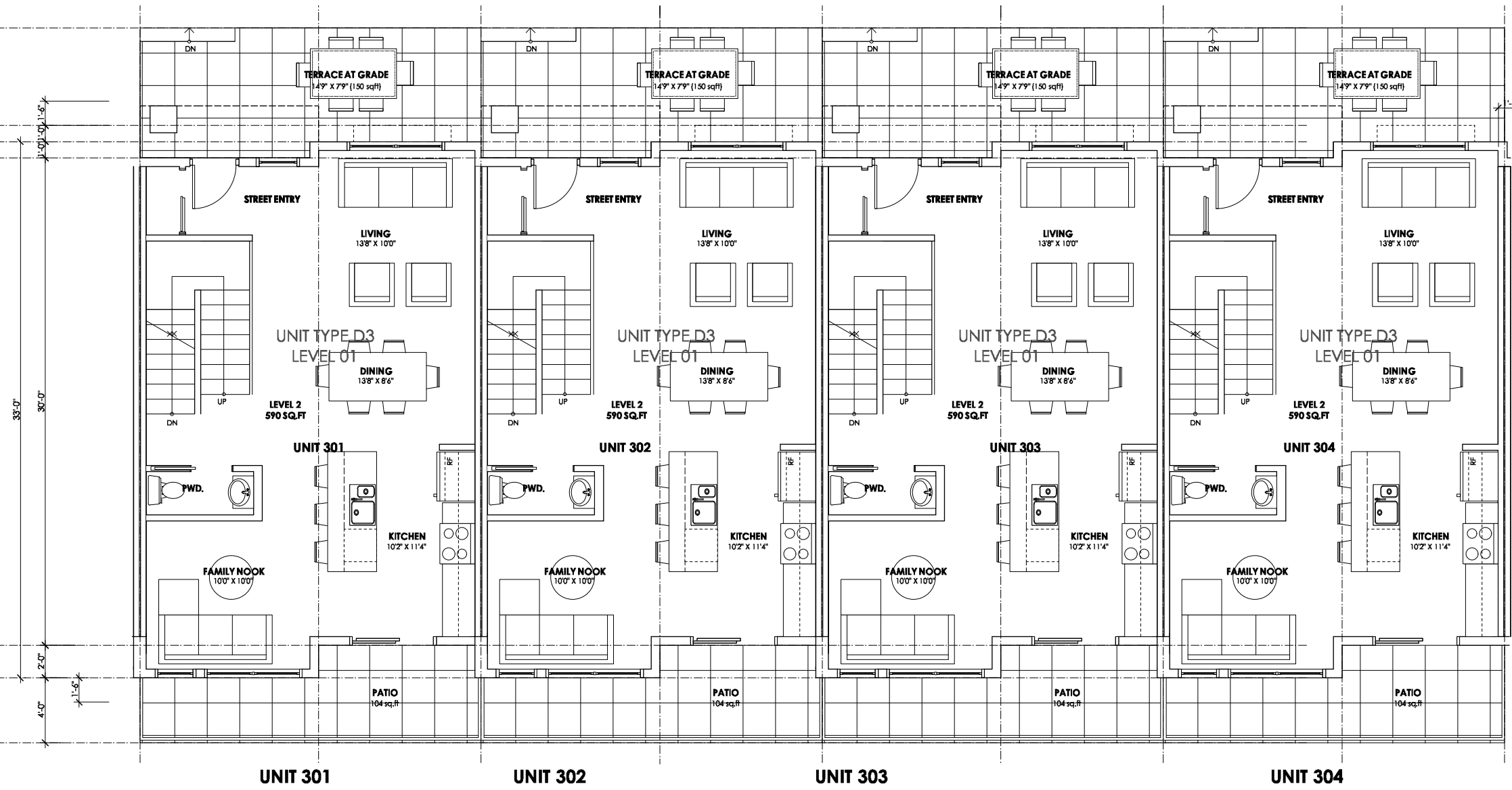
DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30

PROJECT 19.757

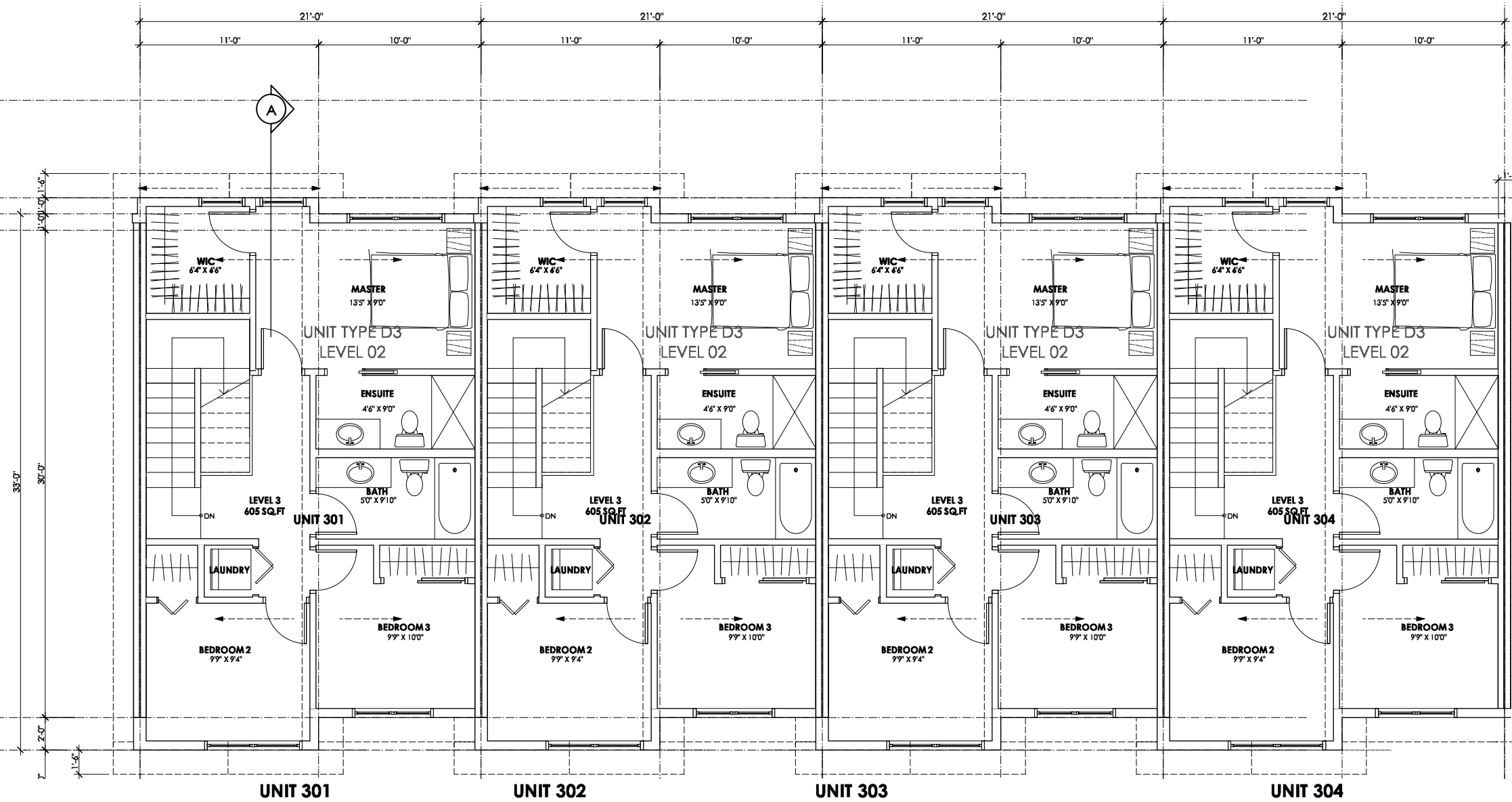
A3.1



1 Building 3 - Lower Level
Scale 1/8" = 1'-0"



2 Building 3 - Main Level
Scale 1/8" = 1'-0"



3 Building 3 - Upper Level
Scale 1/8" = 1'-0"

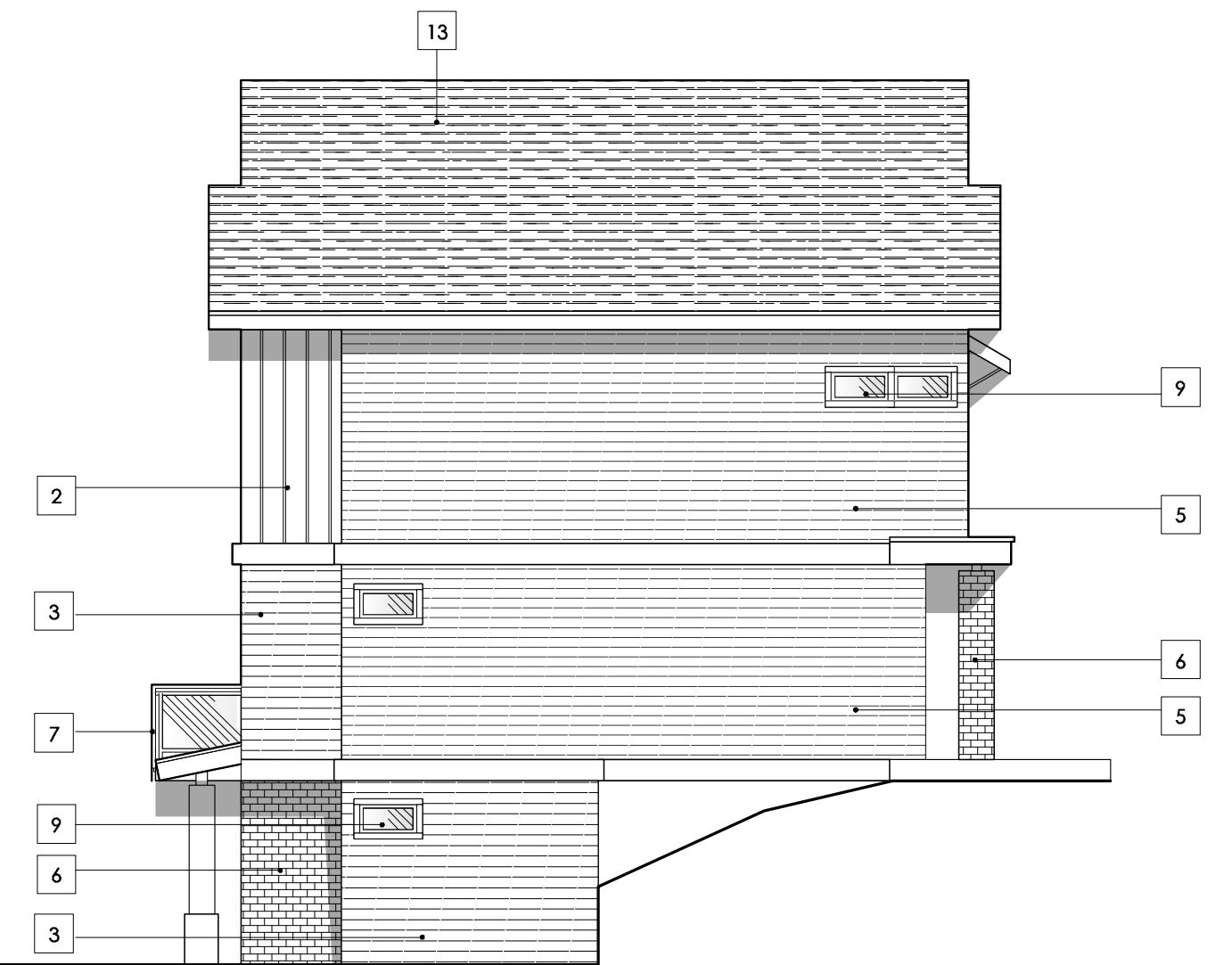
Building Areas

Bld 3 (4 units)			
Unit 301	Level 01	230 SF	21.2 sqm
3 Bedroom plus bonus room	Level 02	390 SF	36.0 sqm
	Level 03	405 SF	37.6 sqm
	Gross Footprint level 1	1025 SF	94.8 sqm
	Unit Area (1/2/3)	1445 SF	134.2 sqm
Unit 302	Level 01	230 SF	21.2 sqm
3 Bedroom plus bonus room	Level 02	390 SF	36.0 sqm
	Level 03	405 SF	37.6 sqm
	Gross Footprint level 1	1025 SF	94.8 sqm
	Unit Area (1/2/3)	1445 SF	134.2 sqm
Unit 303	Level 01	230 SF	21.2 sqm
3 Bedroom plus bonus room	Level 02	390 SF	36.0 sqm
	Level 03	405 SF	37.6 sqm
	Gross Footprint level 1	1025 SF	94.8 sqm
	Unit Area (1/2/3)	1445 SF	134.2 sqm
Unit 304	Level 01	230 SF	21.2 sqm
3 Bedroom plus bonus room	Level 02	390 SF	36.0 sqm
	Level 03	405 SF	37.6 sqm
	Gross Footprint level 1	1025 SF	94.8 sqm
	Unit Area (1/2/3)	1445 SF	134.2 sqm
UNIT AREA SUBTOTAL		5780 SF	533.6 sqm
PRIVATE OPEN SPACE SUBTOTAL		0 SF	0.0 sqm
SUBTOTAL GROSS AREA Level 1		2560 SF	238.8 sqm
SUBTOTAL Building F&M total		5780 SF	533.6 sqm
Covered parking, bike storage (not part of area)		0 SF	0.0 sqm

1	HARDBOARD 1 LAP SONG SMOOTH FINISH COL WHITE HOUSE	7	ALUMINUM WALKING W/ GLASS COL. IRON ORE DARK GREY
2	HARDBOARD & BATHIN COL VARIOUS COLOURS	8	PACCA BOARD AND SCOTT HARDTERRA COL IRON ORE DARK GREY
3	HARDBOARD 1 LAP SONG SMOOTH FINISH COL. TARTAN GRAY	9	VINYL RESIDENTIAL WINDOWS COL. WHITE WINDOW TRIM HARDTERRA COL. TARTAN GRAY
4.1	ACCENT COLOUR 1: HARDBOARD 1 LAP SONG COL. CREAMING GRAY	10	VINYL RESIDENTIAL WINDOWS COL. WHITE WINDOW TRIM HARDTERRA COL. WHITE HOUSE
4.2	ACCENT COLOUR 2: HARDBOARD 1 LAP SONG COL. COGNAC BLUE	11	RECREATING GRILLE COL. DARK GREY
4.3	ACCENT COLOUR 3: HARDBOARD 1 LAP SONG COL. BAYOU BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL. GREY
4.4	ACCENT COLOUR 4: HARDBOARD 1 LAP SONG COL. COPPER PERRY	13	APRAXIS BRICKS COL. DARK GREY
4.5	ACCENT COLOUR 5: HARDBOARD 1 LAP SONG COL. COPPER PERRY	14	WALL BRANDING BEAM AT 3/4" R.O.C.P. COL. SILVER
4	BRICK VENEER BRICK HANDMADE STONE COL. RAINCLOUD CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



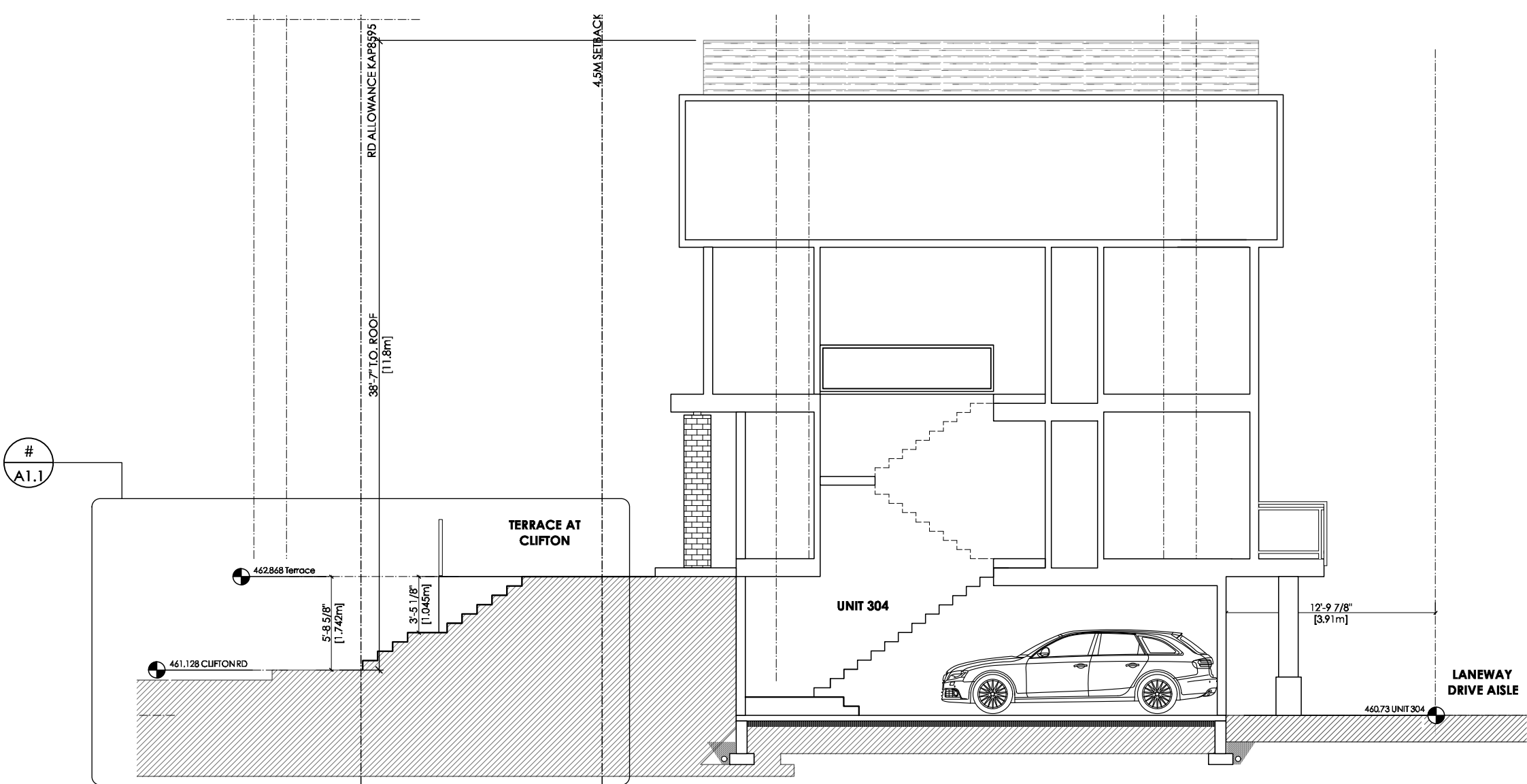
E-1 Building 3 - Lane Elevation
Scale 1/8" = 1'-0"



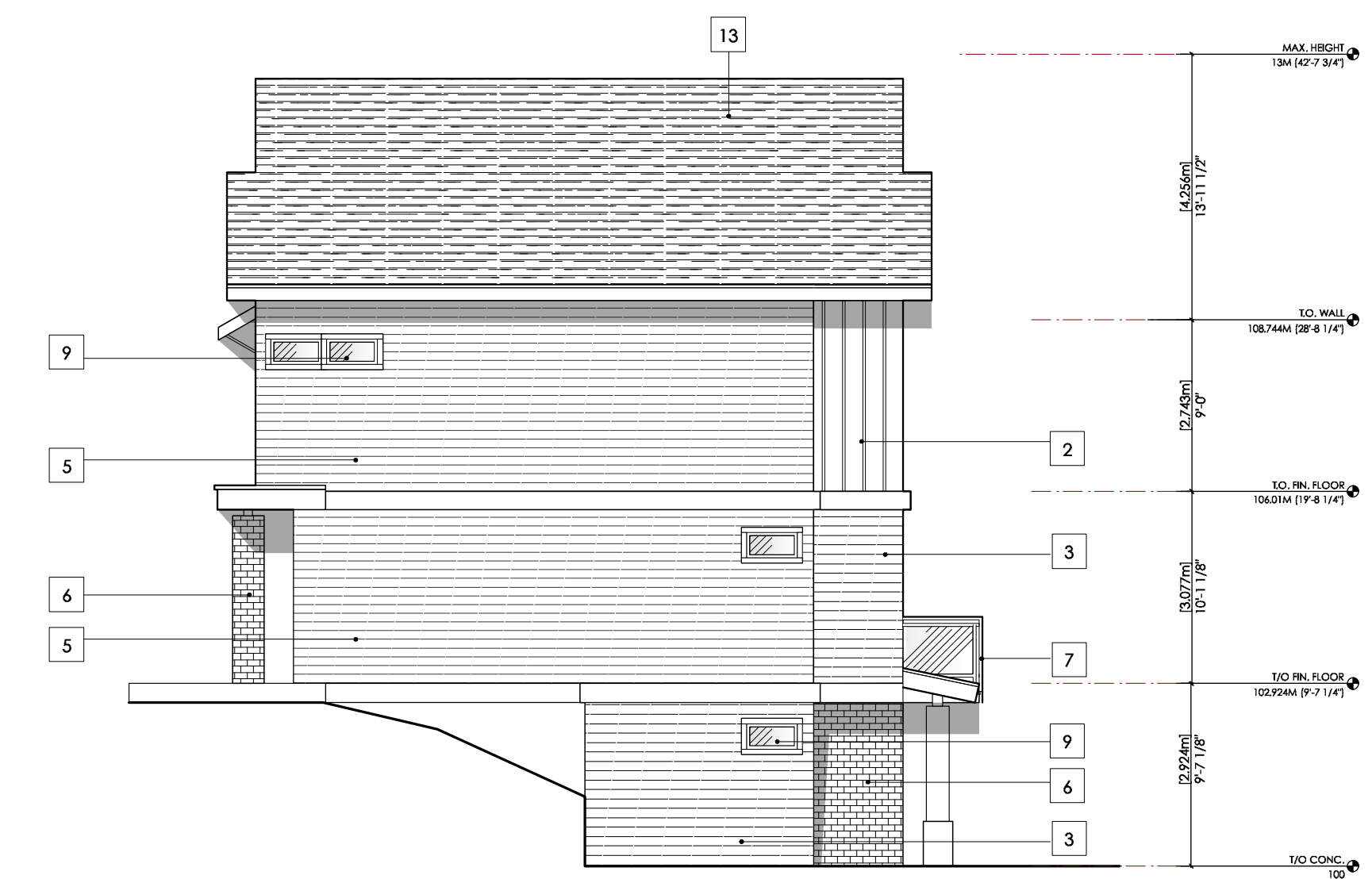
E-4 Building 3 - Side Elevation Non street View
Scale 1/8" = 1'-0"



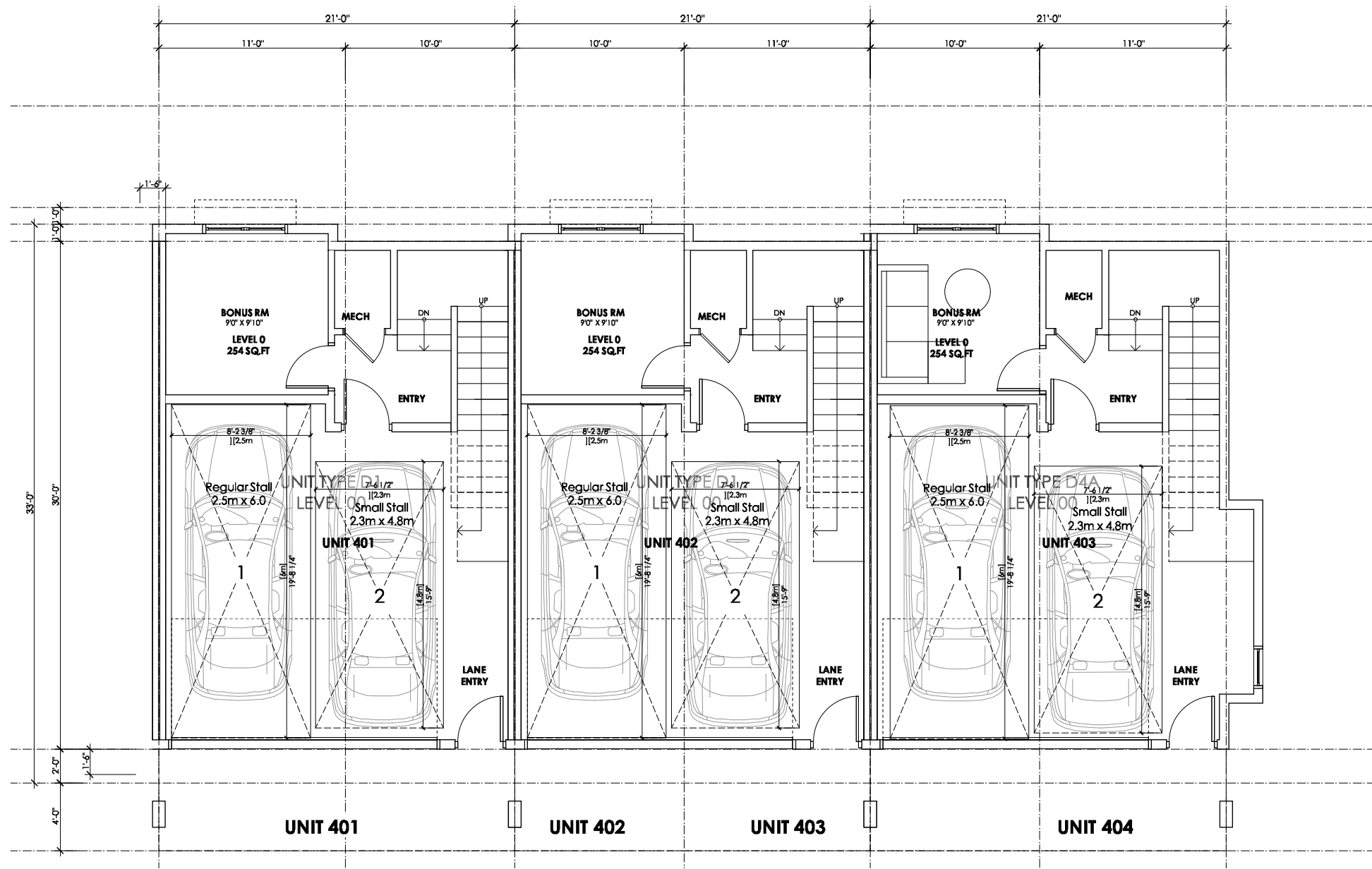
E-2 Building 3 - Clifton Elevation
Scale 1/8" = 1'-0"



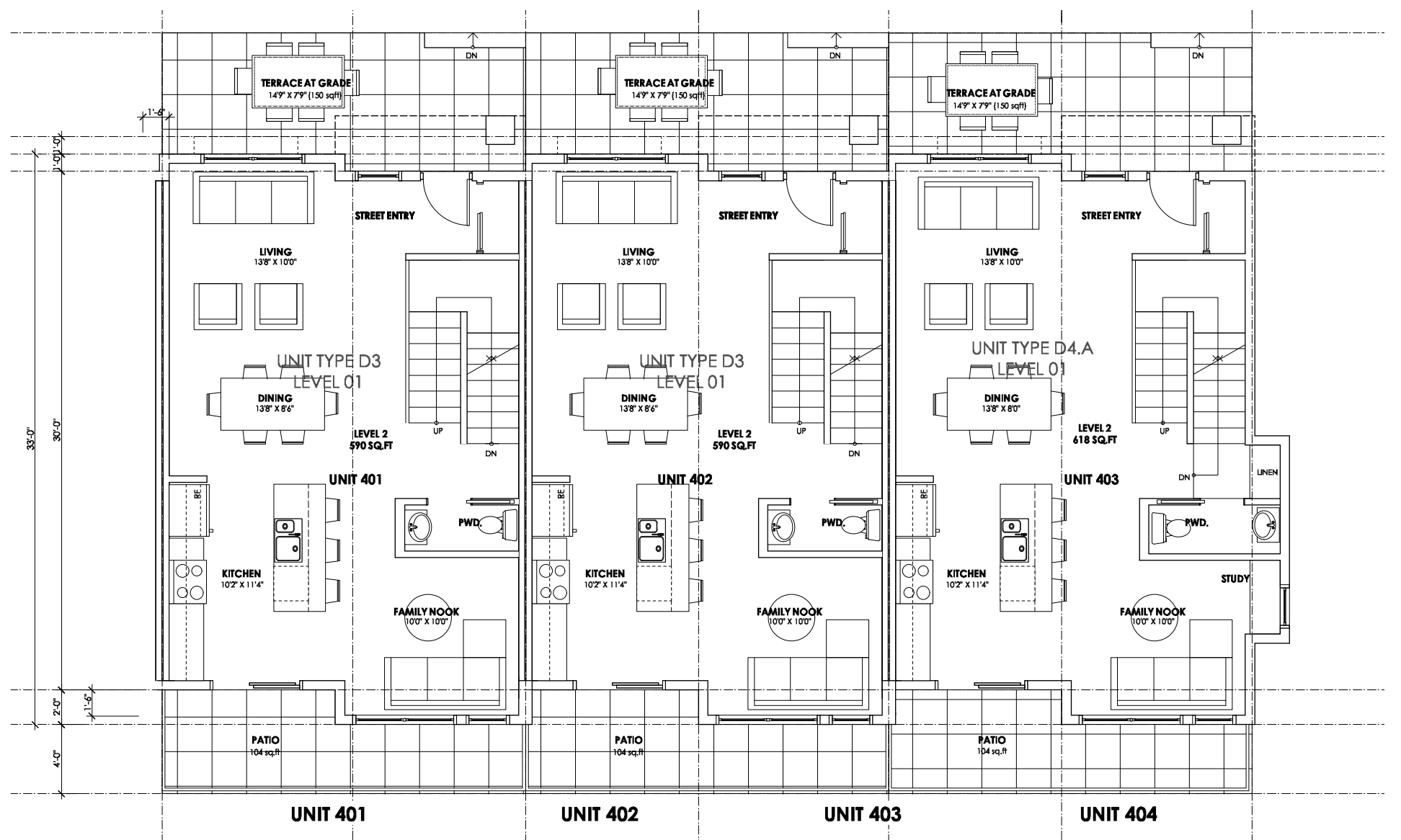
A Building 3 - Building Section
Scale 1/8" = 1'-0"



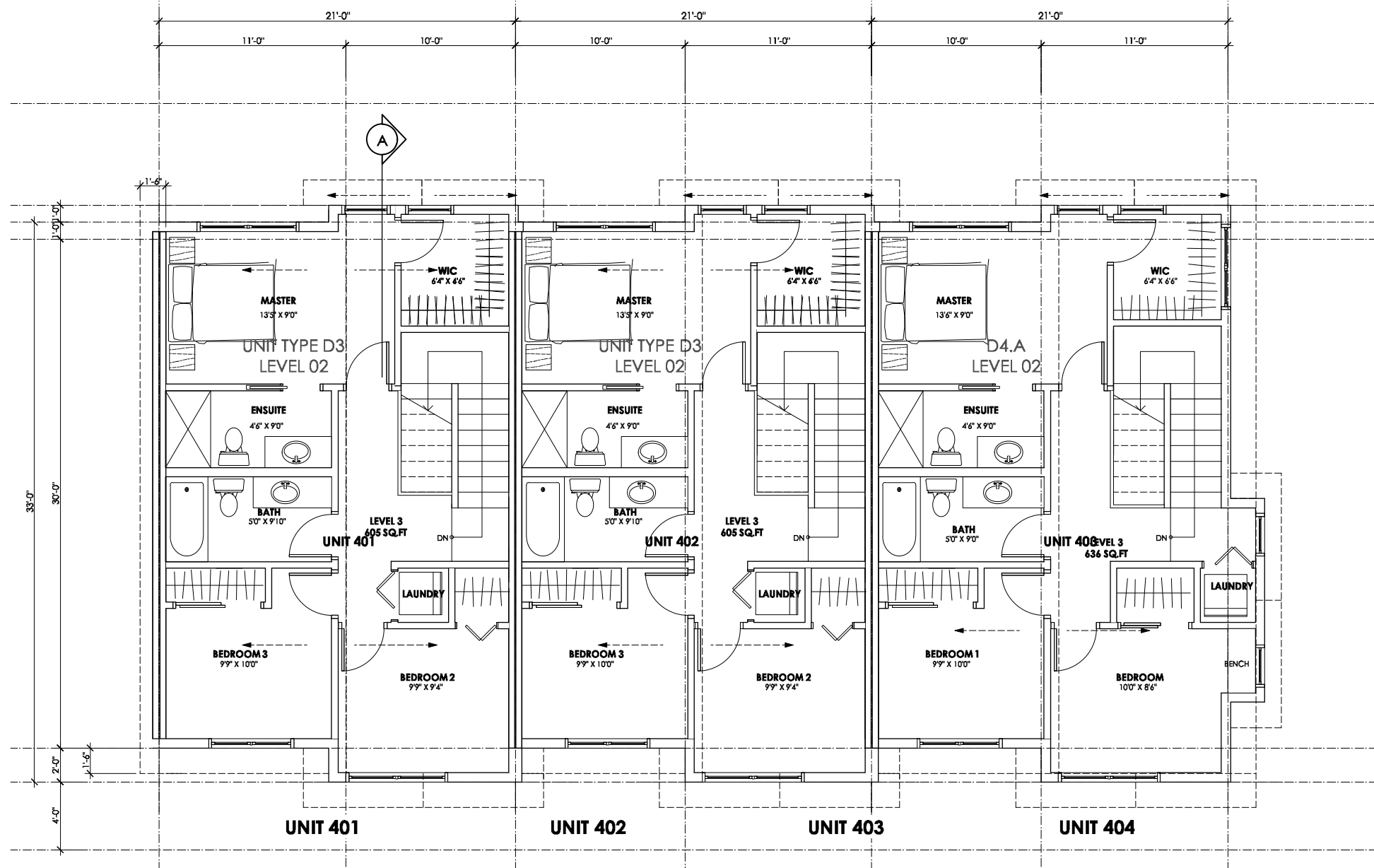
E-3 Building 3 - Side Elevation
Scale 1/8" = 1'-0"



1 Building 4 - Lower Level
Scale 1/8" = 1'-0"



2 Building 4 - Main Level
Scale 1/8" = 1'-0"



3 Building 4 - Upper Level
Scale 1/8" = 1'-0"

Building Areas

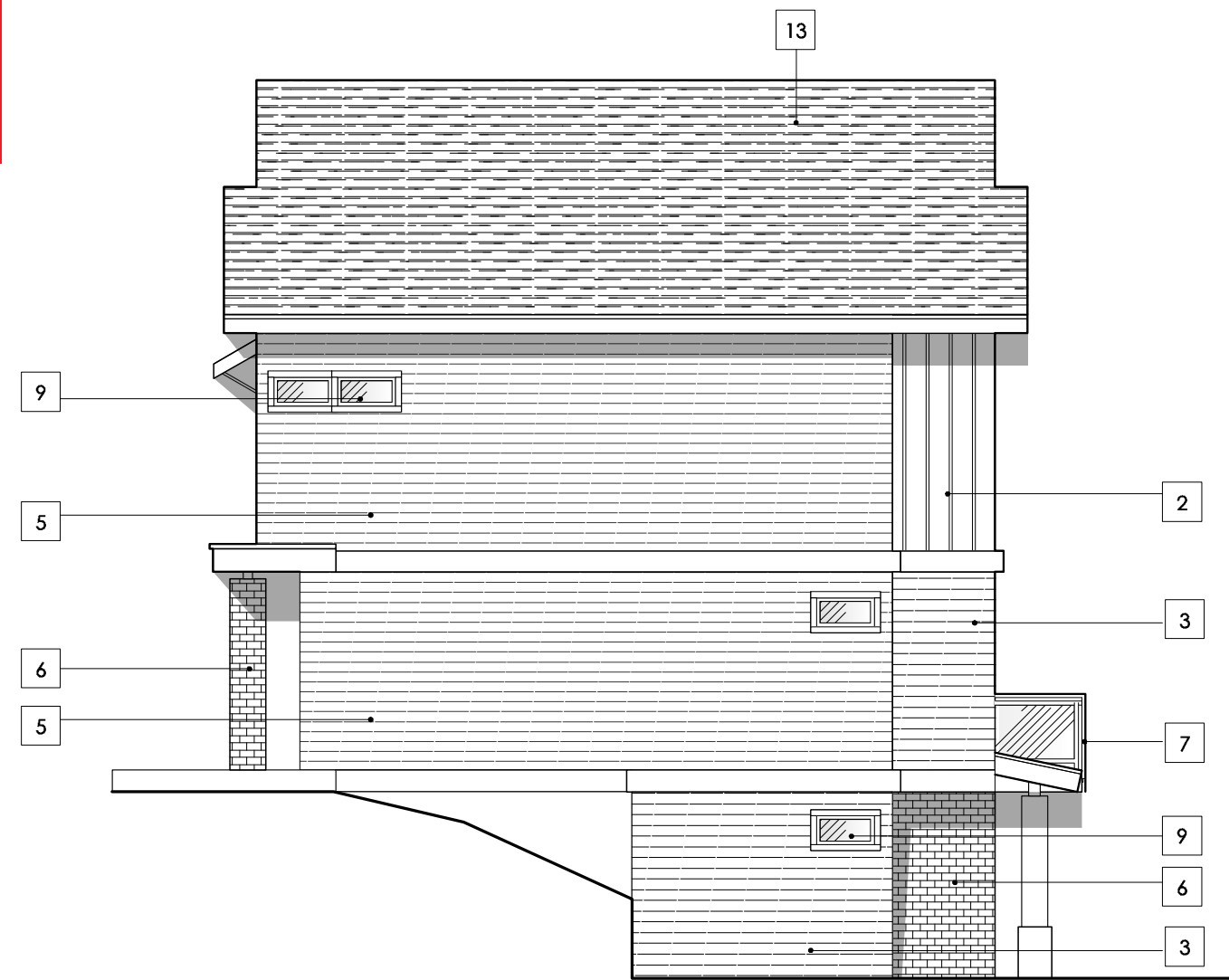
Bld 4 (3 units)			
Unit 401	Level 01	250 SF	23.2 m
3 Bedroom plus bonus room	Level 02	300 SF	27.9 m
	Level 03	400 SF	37.2 m
	Gross footprint level 1	440 SF	40.7 m
	Unit Area (1/27/78)	1448 SF	134.2 m
Unit 402	Level 01	250 SF	23.2 m
3 Bedroom plus bonus room	Level 02	300 SF	27.9 m
	Level 03	400 SF	37.2 m
	Gross footprint level 1	440 SF	40.7 m
	Unit Area (1/27/78)	1448 SF	134.2 m
Unit 403	Level 01	250 SF	23.2 m
3 Bedroom plus bonus room	Level 02	300 SF	27.9 m
	Level 03	400 SF	37.2 m
	Gross footprint level 1	440 SF	40.7 m
	Unit Area (1/27/78)	1448 SF	134.2 m
UNIT AREA SUBTOTAL		4344 SF	402.2 m
PRIVATE OPEN SPACE SUBTOTAL		1190 SF	110.0 m
SUBTOTAL GROSS AREA Level 1		4344 SF	402.2 m
SUBTOTAL Building FAR total		4344 SF	402.2 m
Covered parking, bike storage (not part of area)		0 SF	0.0 m

Material Board

1	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: VARIOUS COLOURS	8	FASCIA BOARD AND SOFFIT HARDBOARD COL: IRON ORE (DARK GREY)
3	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: EARTHEN GREY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARDBOARD COL: EARTHEN GREY
4	ACCENT COLOUR 1 HARDBOARD S/LAP SIDING COL: CLEANING GREY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDBOARD COL: WHITE ROSE
5	ACCENT COLOUR 2 HARDBOARD S/LAP SIDING COL: COLONIAL BLUE	11	DECORATIVE GRILLE COL: DARK GREY
6	ACCENT COLOUR 3 HARDBOARD S/LAP SIDING COL: BAYOU BLUE	12	GARAGE DOOR (WIDOW SITE) COL: GREY
7	ACCENT COLOUR 4 HARDBOARD S/LAP SIDING COL: COFFER FINISH	13	ASPHALT SHINGLES COL: DARK GREY
8	ACCENT COLOUR 5 HARDBOARD S/LAP SIDING COL: TRENDY STREET	14	METAL BANDING SEAM AT: BIRD ROOF COL: SILVER
9	BRICK VENEER CREAM/WHITE STONE BLACK WAINSCOT STONE COL: RAINCLOUD CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



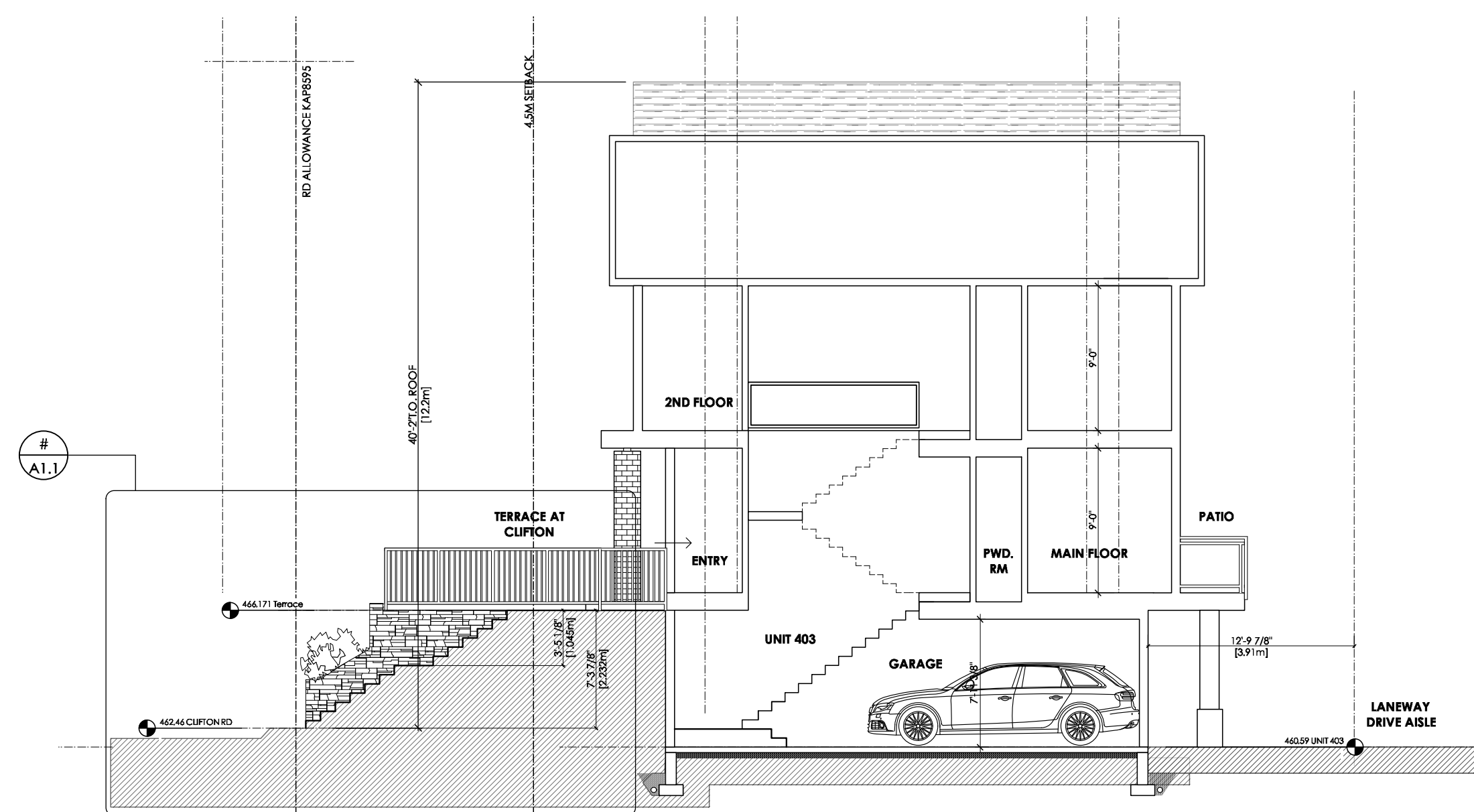
E-1 Building 4 - Lane Elevation
Scale 1/8" = 1'-0"



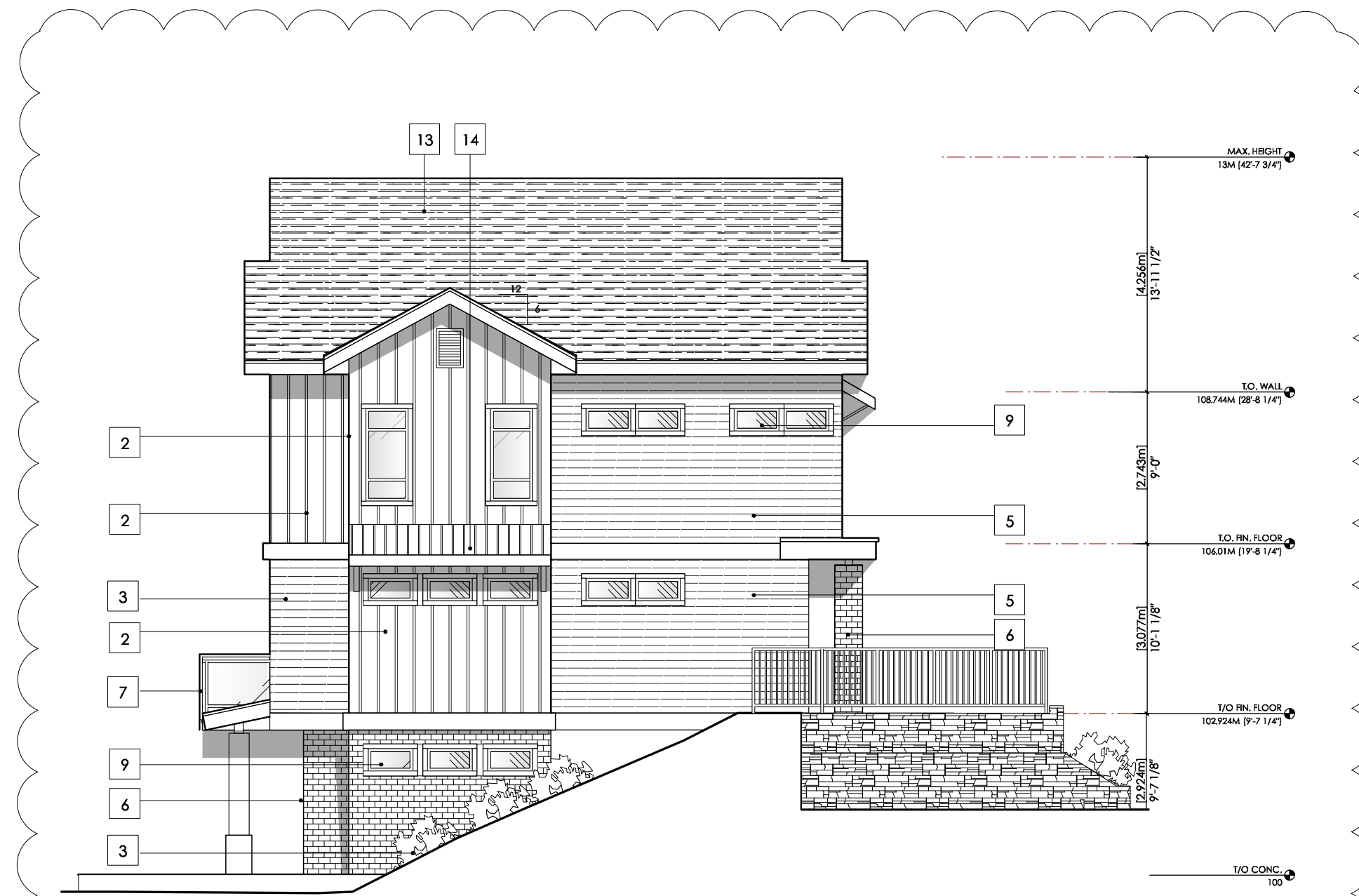
E-4 Building 4 - Side Elevation Non street View
Scale 1/8" = 1'-0"



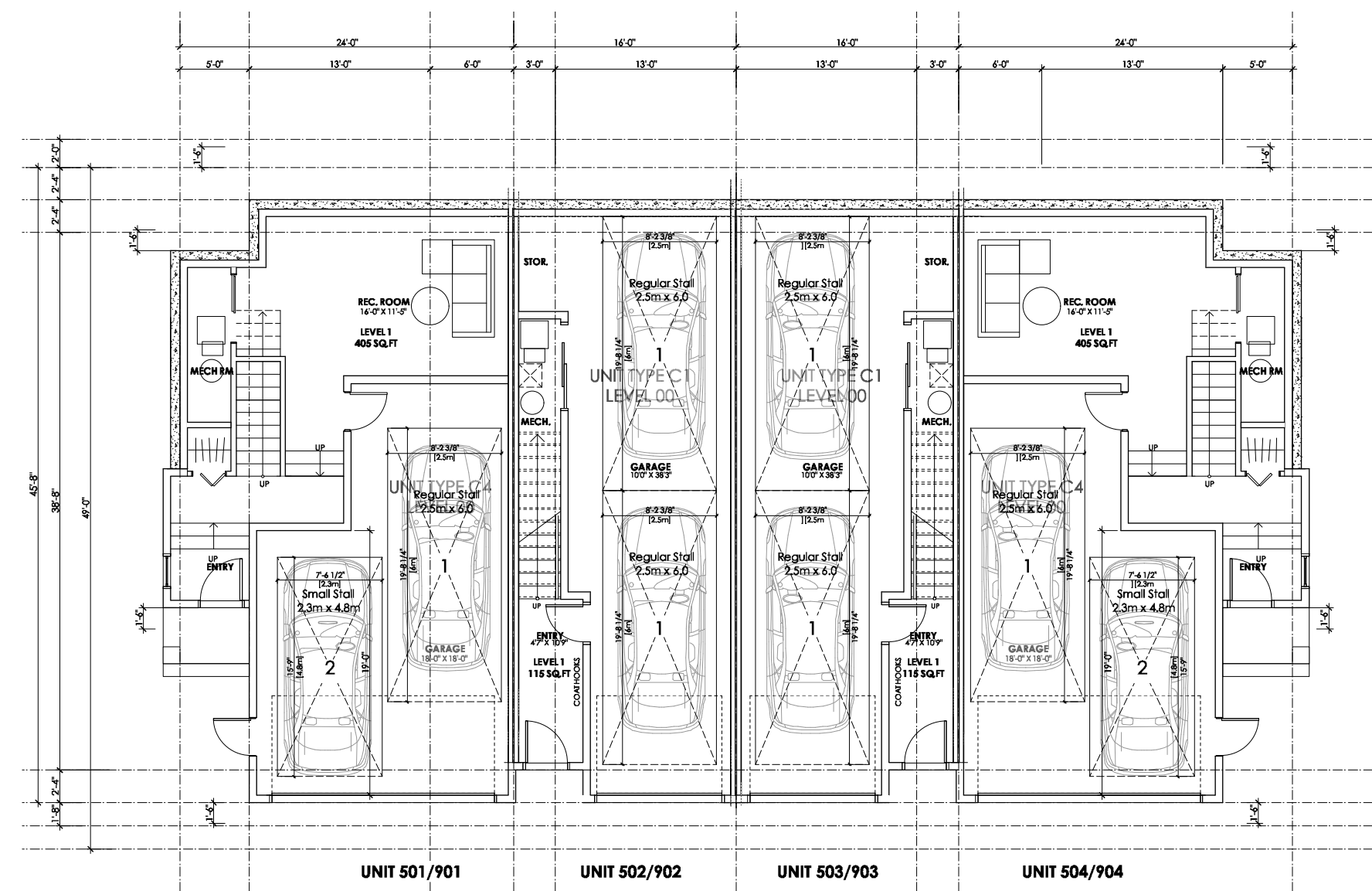
E-2 Building 4 - Clifton Elevation
Scale 1/8" = 1'-0"



A Building 4 - Building Section Similar to.
Scale 1/8" = 1'-0"



E-3 Building 4 - Side Elevation at Road
Scale 1/8" = 1'-0"



Building Areas 5/9

Bld 5 (9 the same) (4 units)				PRIVATE OPEN SPACE			
UNIT 501	3 bedroom plus den	512 SF	47.6 sqm	120 SF	11.1 sqm	0.0 SF	0.0 sqm
UNIT 502	2 bedroom	450 SF	41.5 sqm	102 SF	9.5 sqm	0.0 SF	0.0 sqm
UNIT 503	2 bedroom	450 SF	41.5 sqm	102 SF	9.5 sqm	0.0 SF	0.0 sqm
UNIT 504	3 bedroom plus den	512 SF	47.6 sqm	120 SF	11.1 sqm	0.0 SF	0.0 sqm
UNIT AREA SUBTOTAL				478 SF	43.2 sqm	0.0 SF	0.0 sqm
PRIVATE OPEN SPACE SUBTOTAL				478 SF	43.2 sqm	0.0 SF	0.0 sqm
SUBTOTAL GROSS AREA Level 1				478 SF	43.2 sqm	0.0 SF	0.0 sqm
SUBTOTAL Building FAR total				478 SF	43.2 sqm	0.0 SF	0.0 sqm
Covered parking, bike storage (not part of area)				0 SF	0.0 sqm	0.0 SF	0.0 sqm

Material Board

1	HARDIEBOARD 5" LAP SONG SMOOTH FINISH COOL WHITE ROSE	7	ALUMINUM RAILING W/ GLASS COOL IRON ORE (DARK GREY)
2	HARDIEBOARD 8" MITCH COOL WARDEN COLOURS	8	PACIA BOARD AND SOFFIT HARDIEBOARD COOL IRON ORE (DARK GREY)
3	HARDIEBOARD 5" LAP SONG SMOOTH FINISH COOL FAIRFAX GRAY	9	VINYL RESIDENTIAL WINDOWS COOL BLACK WINDOW TRIM HARDIEBOARD COOL FAIRFAX GRAY
5.1	ACCENT COLOUR 1: HARDIEBOARD 5" LAP SONG COOL CLEANING GRAY	10	VINYL RESIDENTIAL WINDOWS COOL WHITE WINDOW TRIM HARDIEBOARD COOL WHITE ROSE
5.2	ACCENT COLOUR 2: HARDIEBOARD 5" LAP SONG COOL COGNAL BLUE	11	DECORATIVE GRILLE COOL DARK GREY
5.3	ACCENT COLOUR 3: HARDIEBOARD 5" LAP SONG COOL MOUNTAIN BLUE	12	GARAGE DOOR (HARDIEBOARD) COOL DARK GREY
5.4	ACCENT COLOUR 4: HARDIEBOARD 5" LAP SONG COOL TREESIDE STREET	13	ASPHALT SINGLE ALUMINUM COOL DARK GREY
5.5	ACCENT COLOUR 5: HARDIEBOARD 5" LAP SONG COOL COPPER FINISH	14	METAL BRANDING BEAM ALUMINUM COOL COPPER FINISH
6	BRICK VENEER COOL IRON ORE COOL FAIRFAX GRAY COOL MOUNTAIN BLUE	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



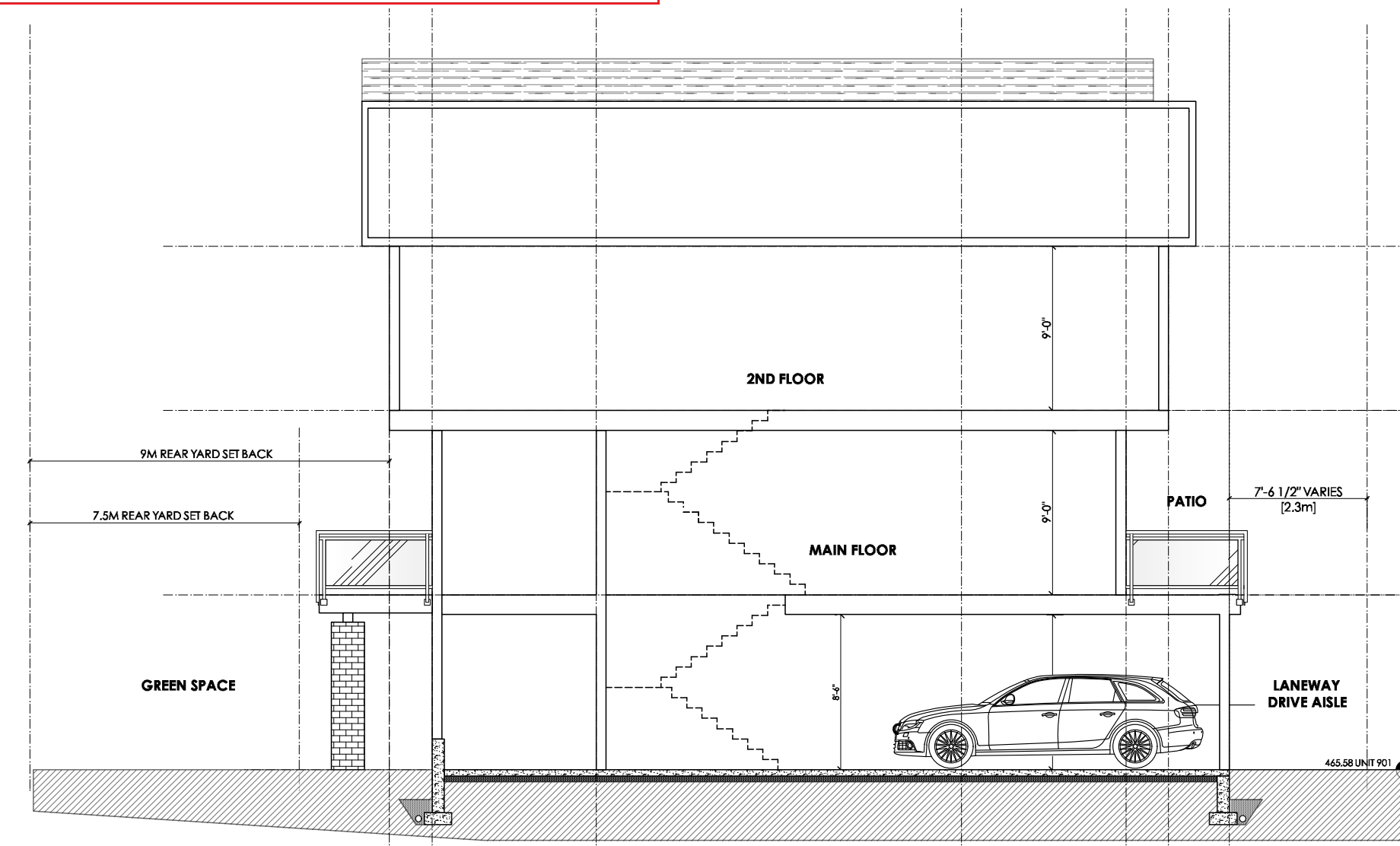
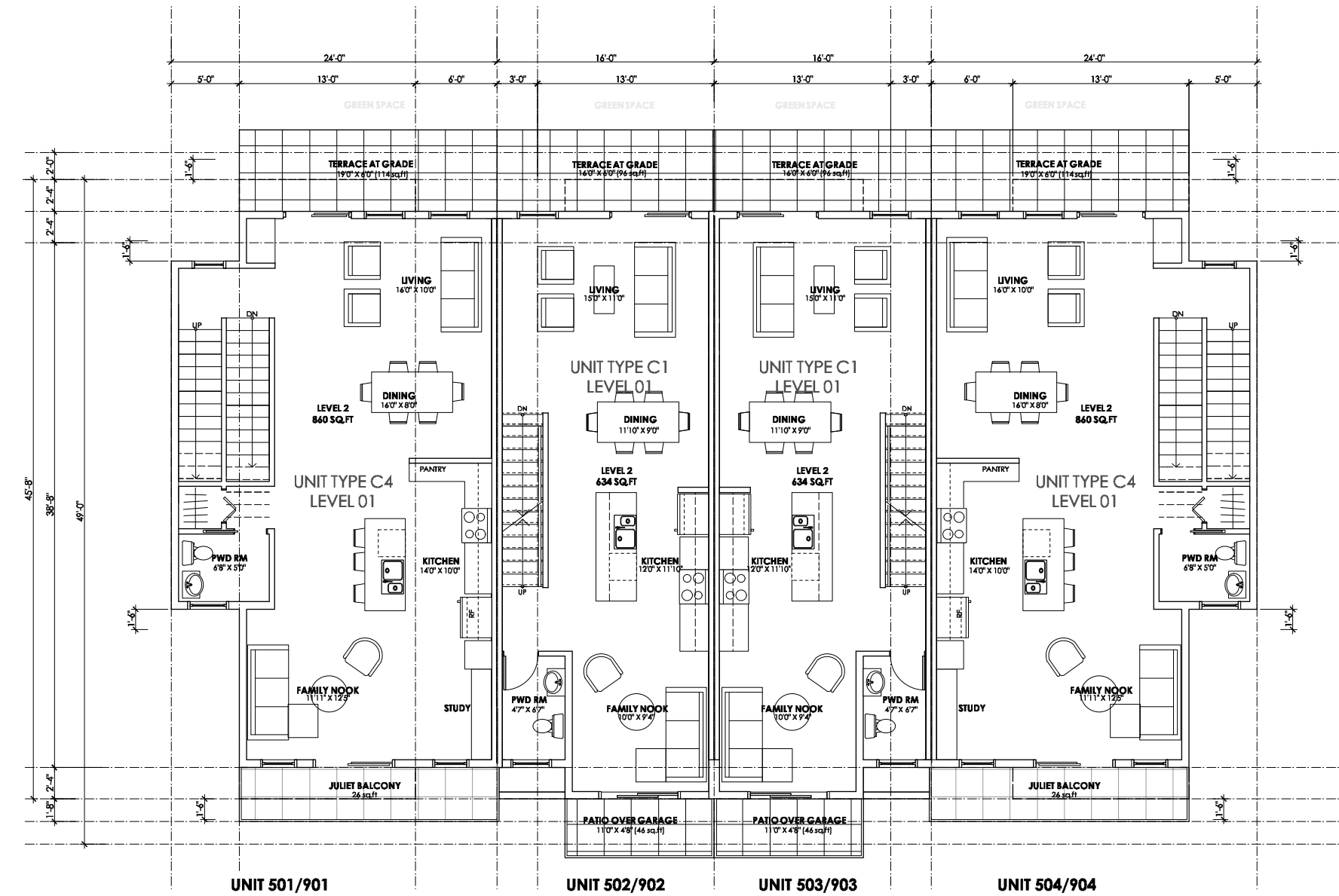
SCHEDULE A & B

This forms part of application
DP20-0017 & DVP20-0091

Planner Initials **AJ**

City of Kelowna
DEVELOPMENT PLANNING

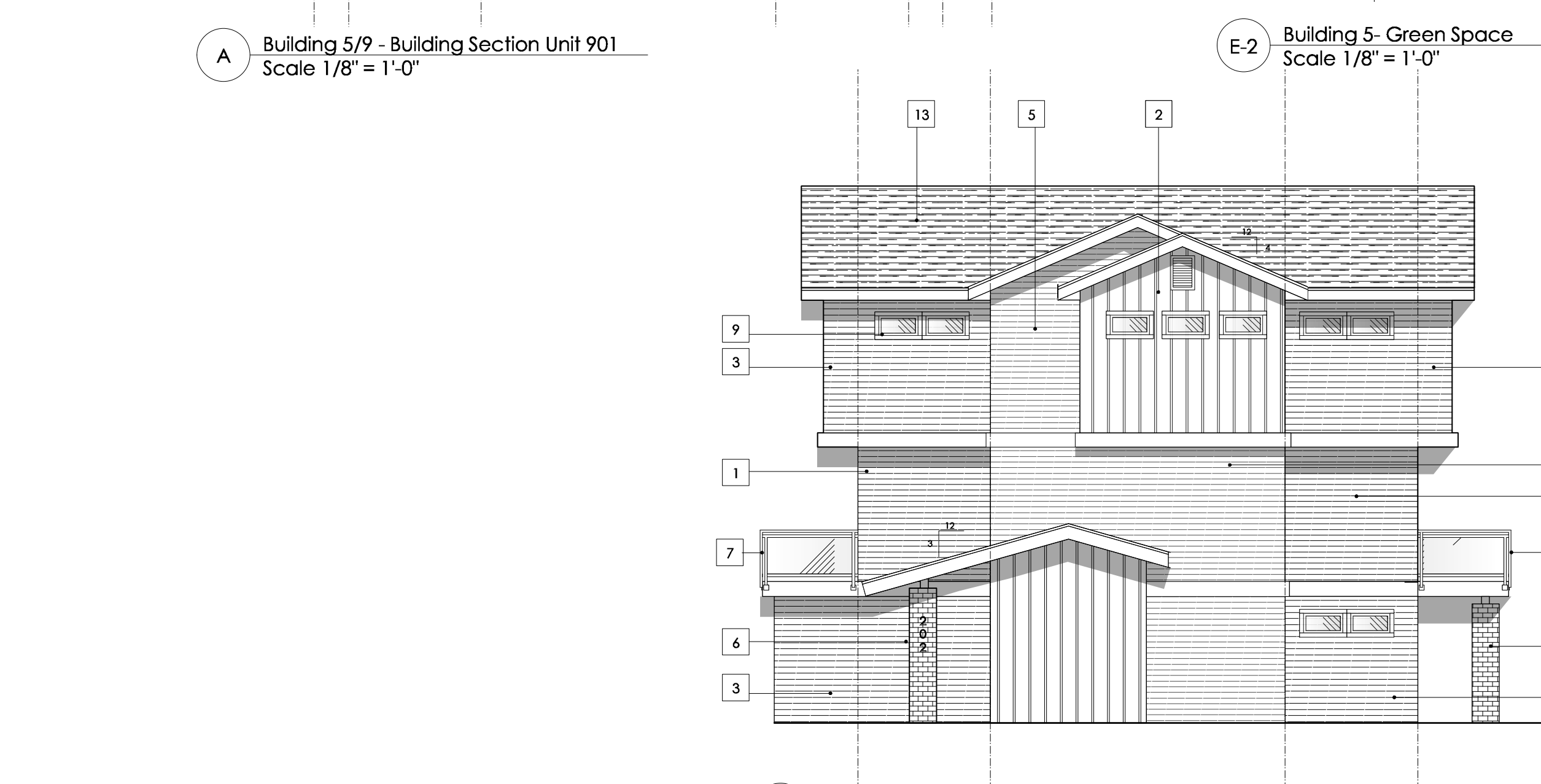
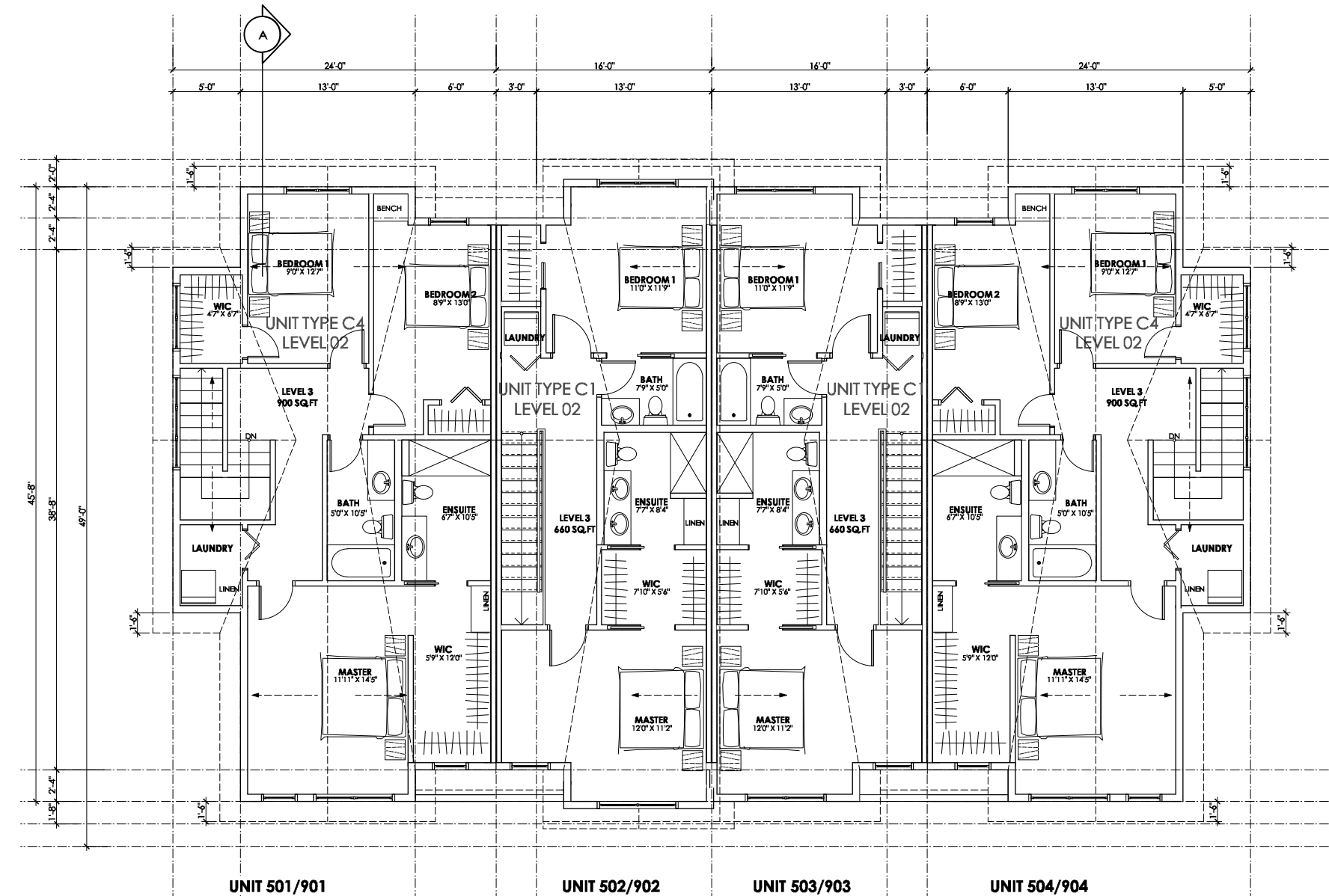
E-1 Building 5 - Lane Elevation
Scale 1/8" = 1'-0"



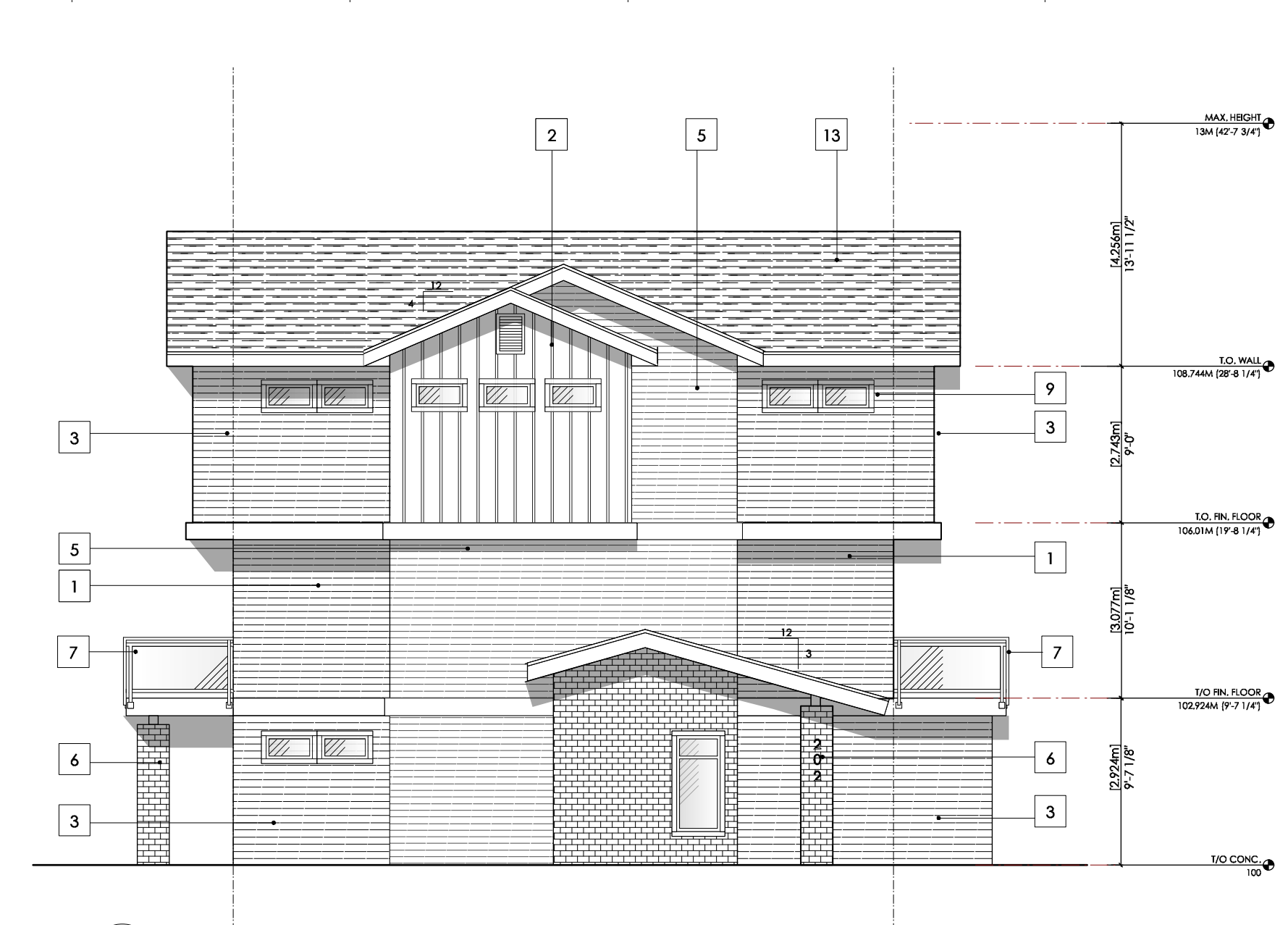
A Building 5/9 - Building Section Unit 901
Scale 1/8" = 1'-0"



E-2 Building 5 - Green Space
Scale 1/8" = 1'-0"



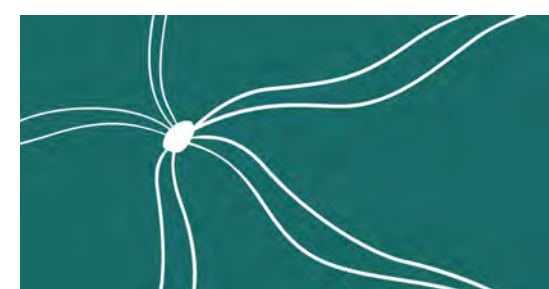
E-4 Building 5 - Side Elevation Lane view
Scale 1/8" = 1'-0"



E-5 Building 5 - Side Elevation Lane view
Scale 1/8" = 1'-0"

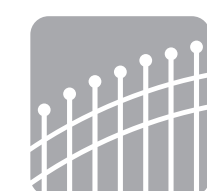
2 Building 5/9 - Main Level
Scale 3/32" = 1'-0"

3 Building 5/9 - Upper Level
Scale 3/32" = 1'-0"



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2 - 436 Lorne Street Kamloops BC V2C 1W3
P | 250.374.1112 F | 250.374.2279



CARRINGTON
HOMES

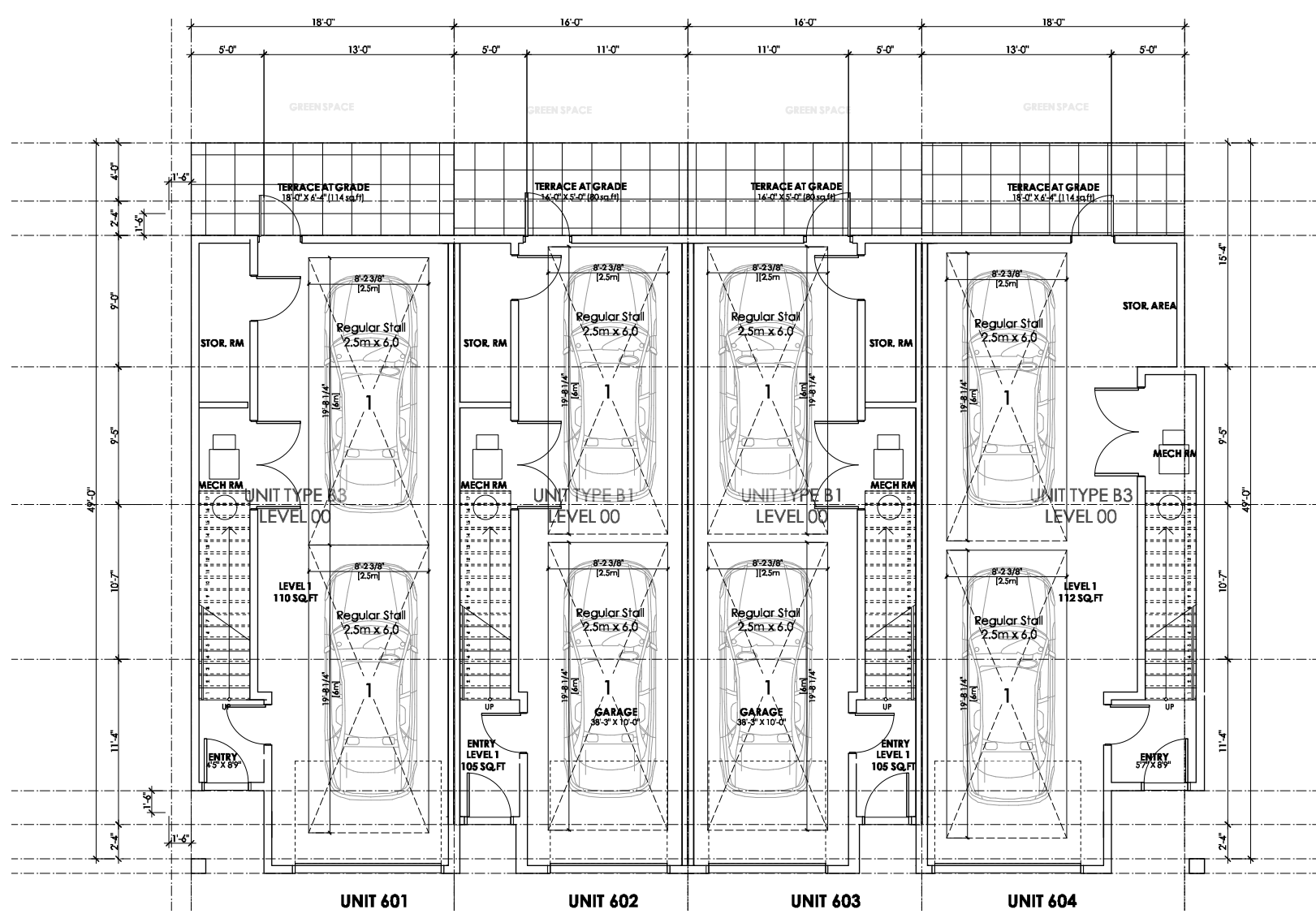
Knox Village - Lot #2
Kelowna BC

Building #5 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30

PROJECT 19.757

A3.4



Building Areas

Bld 6 (4 units)					
				PRIVATE OPEN SPACE	
Unit 601 3 Bedroom	Level 01	110 SF	10.2 m	120 SF	11.1 m
	Level 02	454 SF	42.0 m	180 SF	16.7 m
	Gross footprint level 1	705 SF	65.5 m	0 SF	0.0 m
	Gross footprint level 2	664 SF	61.5 m	0 SF	0.0 m
	Unit Area (1/2/3)	1449 SF	134.5 m		
Unit 602 2 Bedroom	Level 01	105 SF	9.8 m	114 SF	10.6 m
	Level 02	372 SF	34.7 m	158 SF	14.7 m
	Level 03	400 SF	37.2 m	0 SF	0.0 m
	Gross footprint level 1	664 SF	61.5 m		
	Unit Area (1/2/3)	1277 SF	118.6 m		
Unit 603 2 Bedroom	Level 01	105 SF	9.8 m	120 SF	11.1 m
	Level 02	372 SF	34.7 m	180 SF	16.7 m
	Level 03	400 SF	37.2 m	0 SF	0.0 m
	Gross footprint level 1	664 SF	61.5 m		
	Unit Area (1/2/3)	1277 SF	118.6 m		
Unit 604 3 Bedroom	Level 01	110 SF	10.2 m	120 SF	11.1 m
	Level 02	454 SF	42.0 m	180 SF	16.7 m
	Gross footprint level 1	705 SF	65.5 m	0 SF	0.0 m
	Gross footprint level 2	664 SF	61.5 m		
	Unit Area (1/2/3)	1449 SF	134.5 m		
		5492 SF		872 SF	
UNIT AREA SUBTOTAL		5492 SF	510.2 m	0 SF	0.0 m
PRIVATE OPEN SPACE SUBTOTAL				872 SF	81.0 m
SUBTOTAL GROSS AREA Level 1		2052 SF	179.9 m		
SUBTOTAL Building FAR Total		5492 SF	408.9 m		
Covered parking, bike storage (not part of area)		0 SF	0.0 m		

Material Board

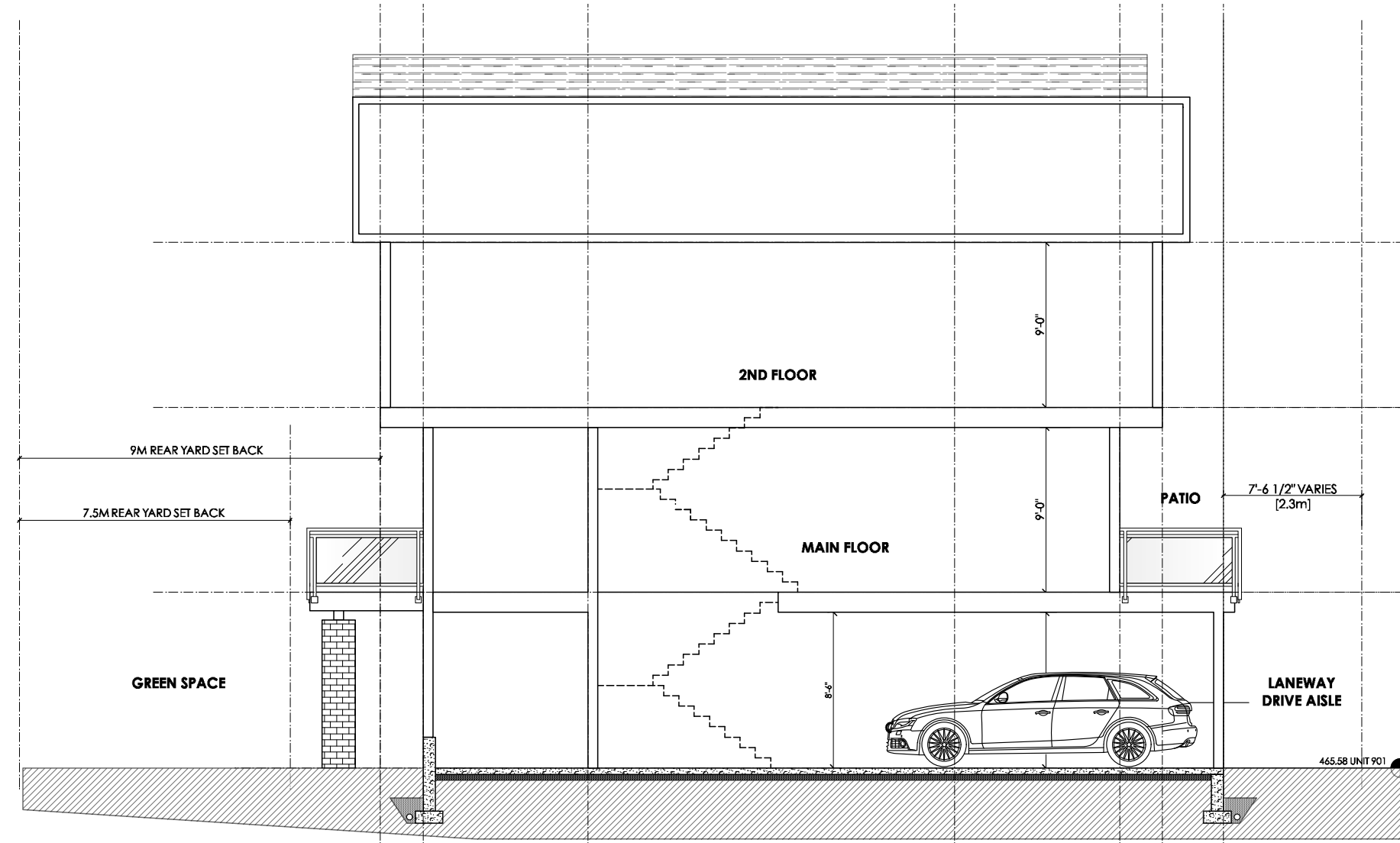
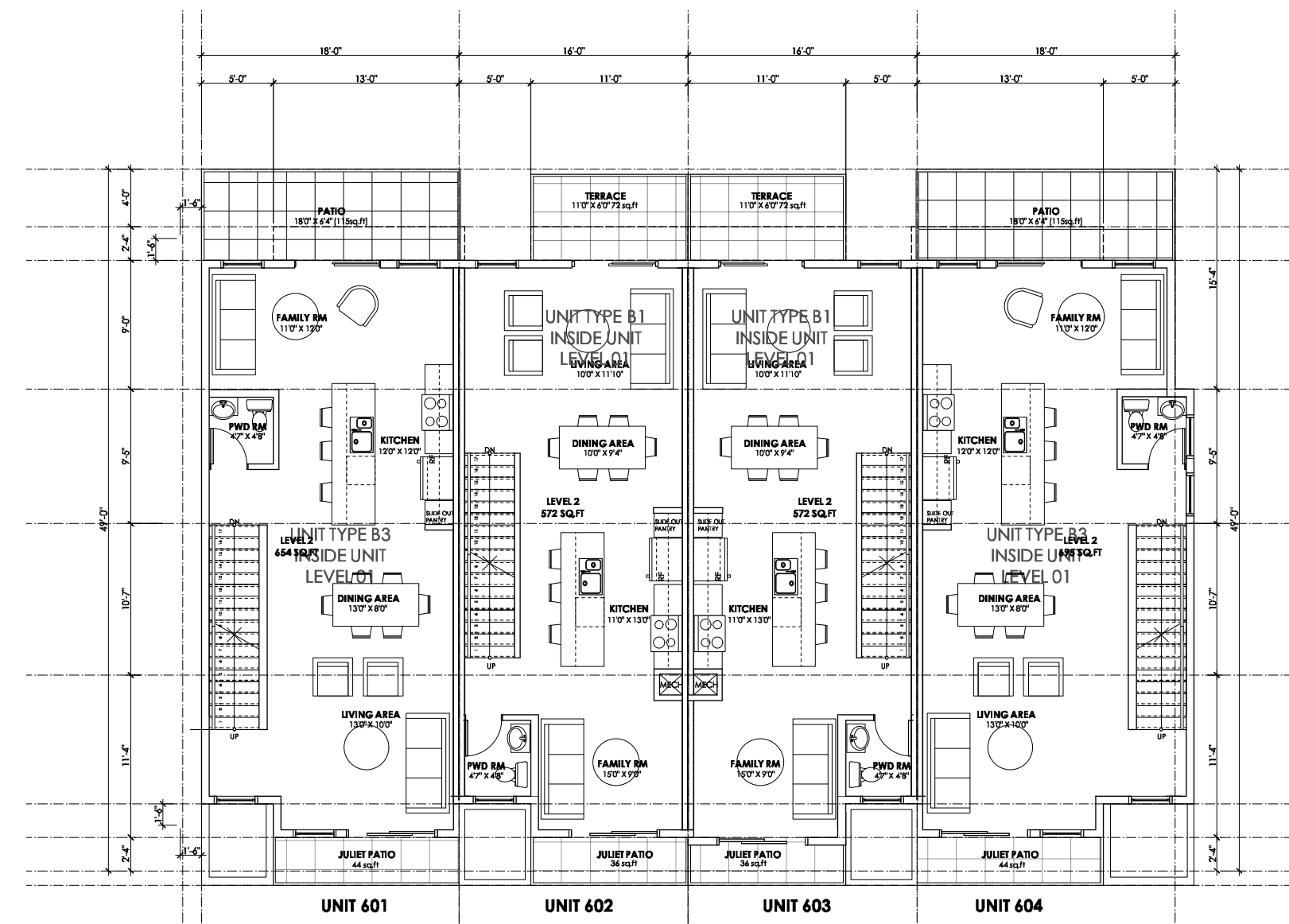
1	HARVEST BOARD 1" LAP SOING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAINING W/ GLASS COL: IRON GREY (DARK GREY)
2	HARVEST BOARD & BATTIN COL: VARIOUS COLOURS	8	PASCA BOARD AND SKIFF COL: IRON GREY (DARK GREY)
3	HARVEST BOARD 1" LAP SOING SMOOTH FINISH COL: EARTHEN GRAY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARVEST TRIM COL: EARTHEN GRAY
5.1	ACCENT COLOUR 1: HARVEST BOARD 1" LAP SOING COL: CLEANNING GRAY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: WHITE HOUSE
5.2	ACCENT COLOUR 2: HARVEST BOARD 1" LAP SOING COL: COLUMBIA BLUE	11	DECORATIVE GRILLE COL: DARK GREY
5.3	ACCENT COLOUR 3: HARVEST BOARD 1" LAP SOING COL: COFFEE BEAN	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
5.4	ACCENT COLOUR 4: HARVEST BOARD 1" LAP SOING COL: COFFEE BEAN	13	ASPHALT SHINGLES COL: BIRCH
5.5	ACCENT COLOUR 6: HARVEST BOARD 1" LAP SOING COL: REBELS SHEET	14	METAL STANDING SEAM AT SHED ROOF COL: BIRCH
6	BRICK VENEER CREATIVE UNITS STONE BRICK: WAREHOUSE STONE COL: RAINCLOUD CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



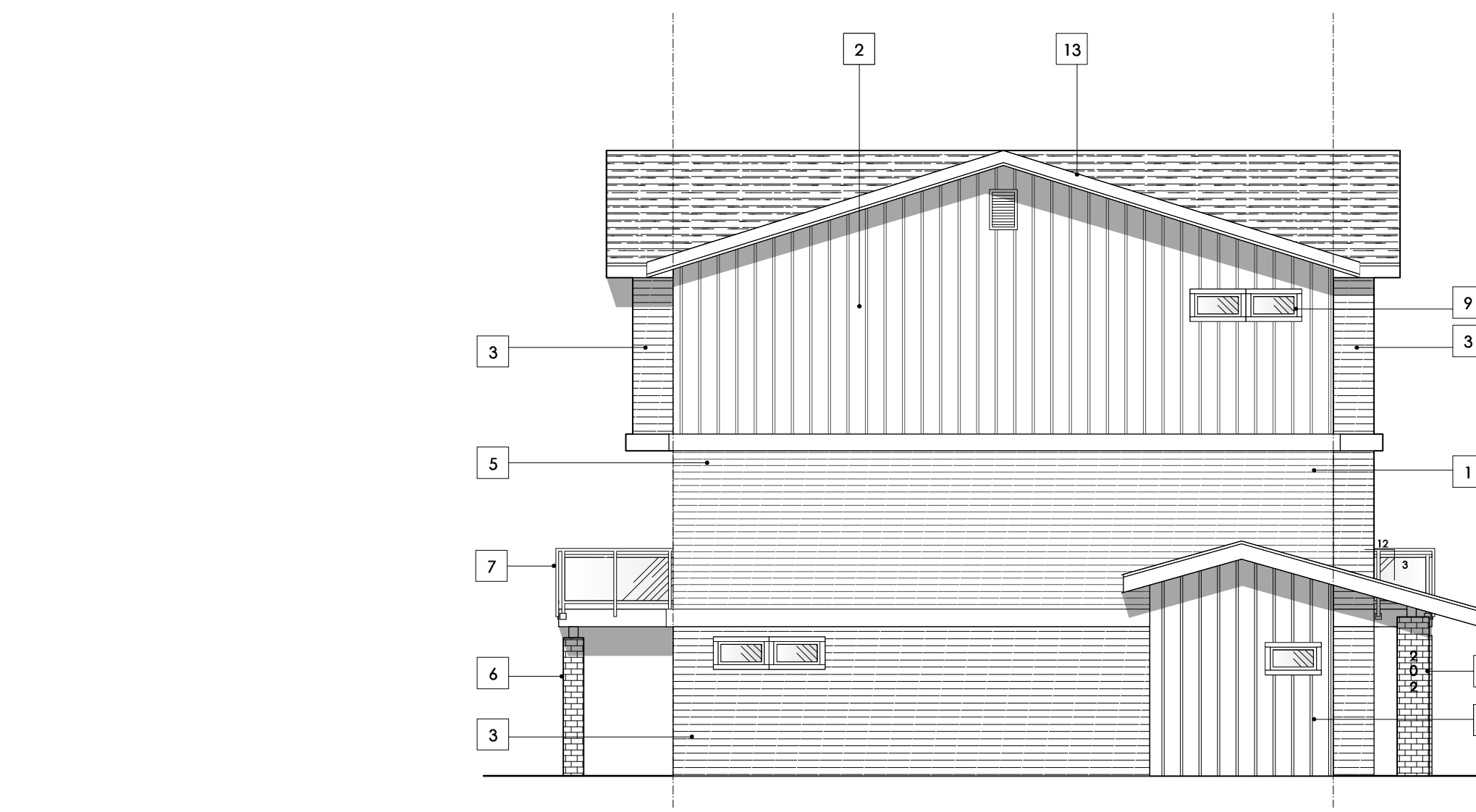
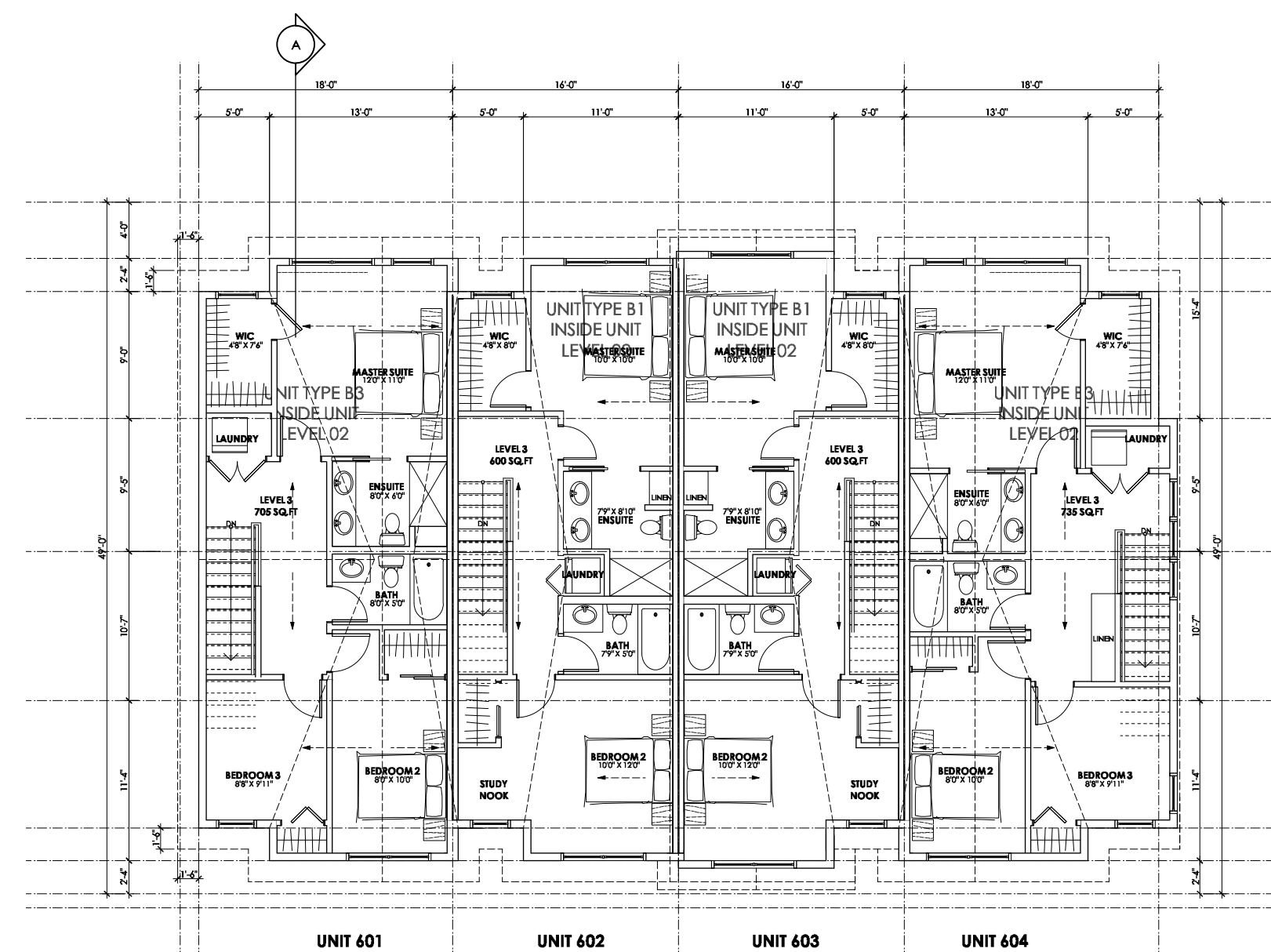
E-1 Building 6 - Lane Elevation
Scale 1/8" = 1'-0"



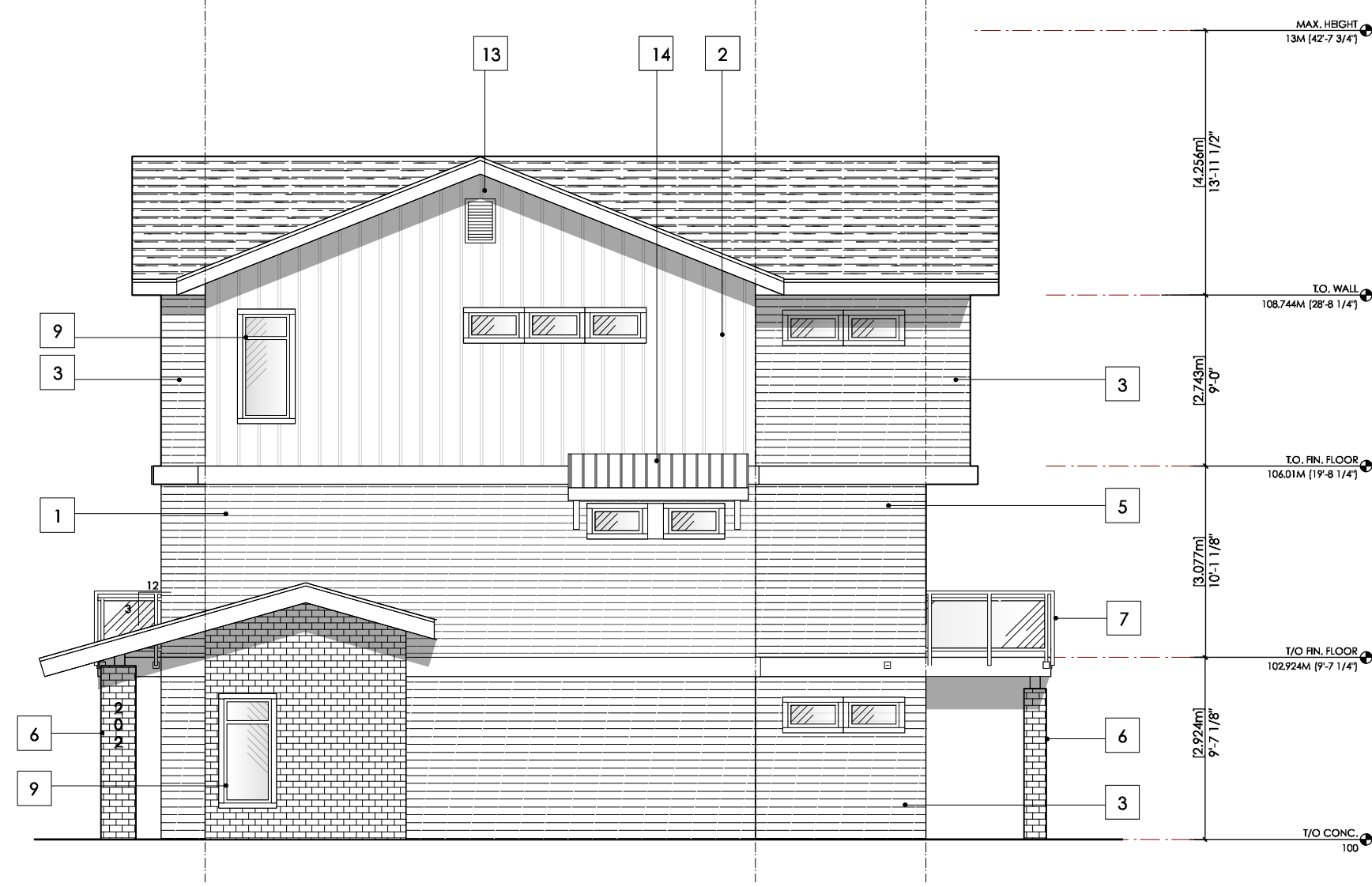
E-2 Building 6 - Green Space
Scale 1/8" = 1'-0"



A-A Building 6 - Building Section Similar
Scale 1/8" = 1'-0"



E-4 Building 6 - Side Elevation UNIT 601 No Street View
Scale 1/8" = 1'-0"

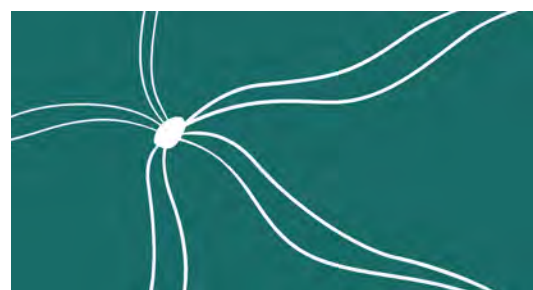


E-3 Building 6 - Side Elevation UNIT 604 at Lane
Scale 1/8" = 1'-0"

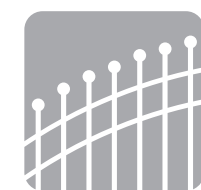
1 Building 6 - Lower Level
Scale 3/32" = 1'-0"

2 Building 6 - Main Level
Scale 3/32" = 1'-0"

3 Building 6 - Upper Level
Scale 3/32" = 1'-0"



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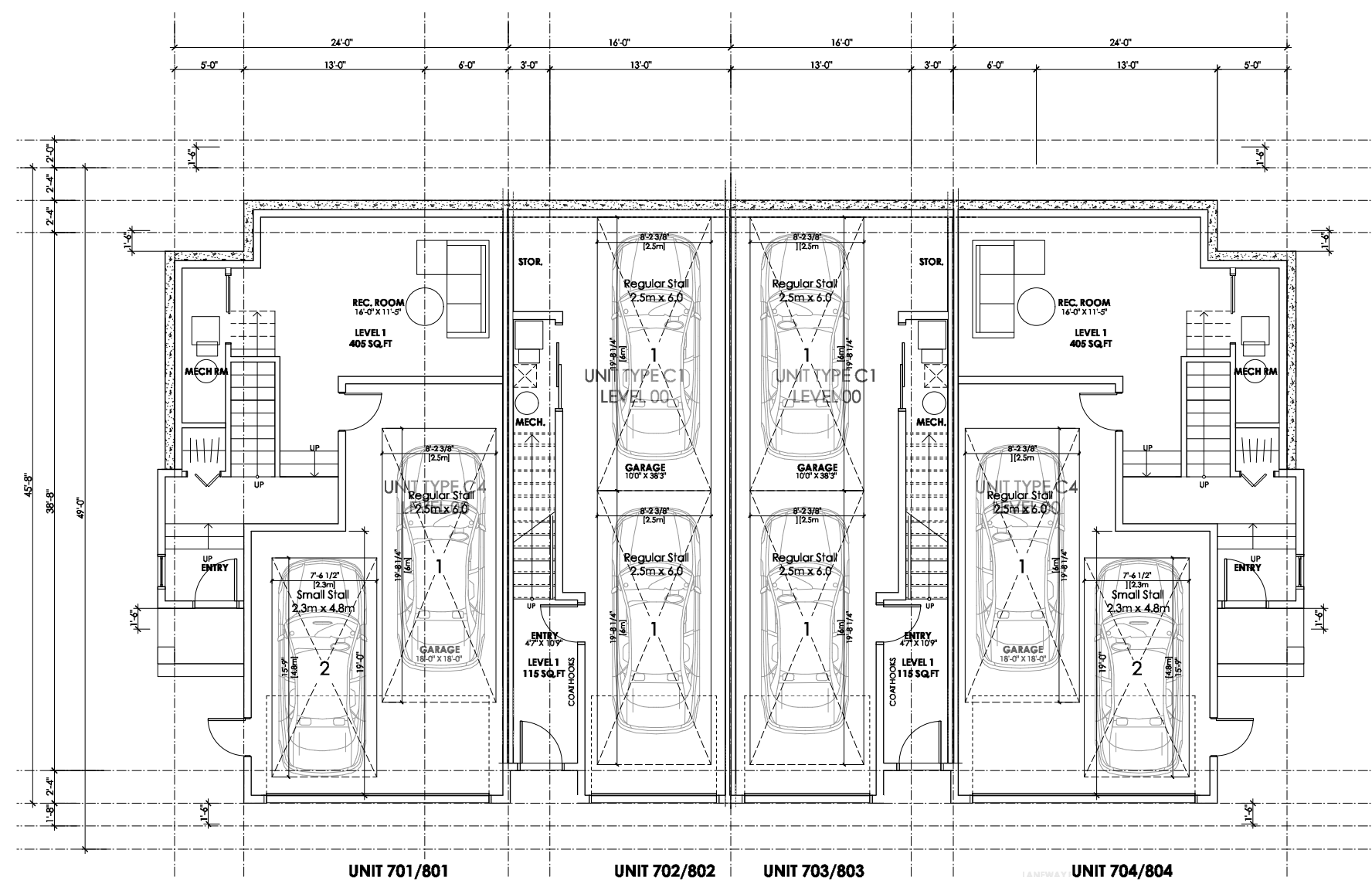
CARRINGTON
HOMES

Knox Village - Lot #2
Kelowna BC

Building #6 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30
PROJECT 19.757

A3.5



Building Areas 7/8

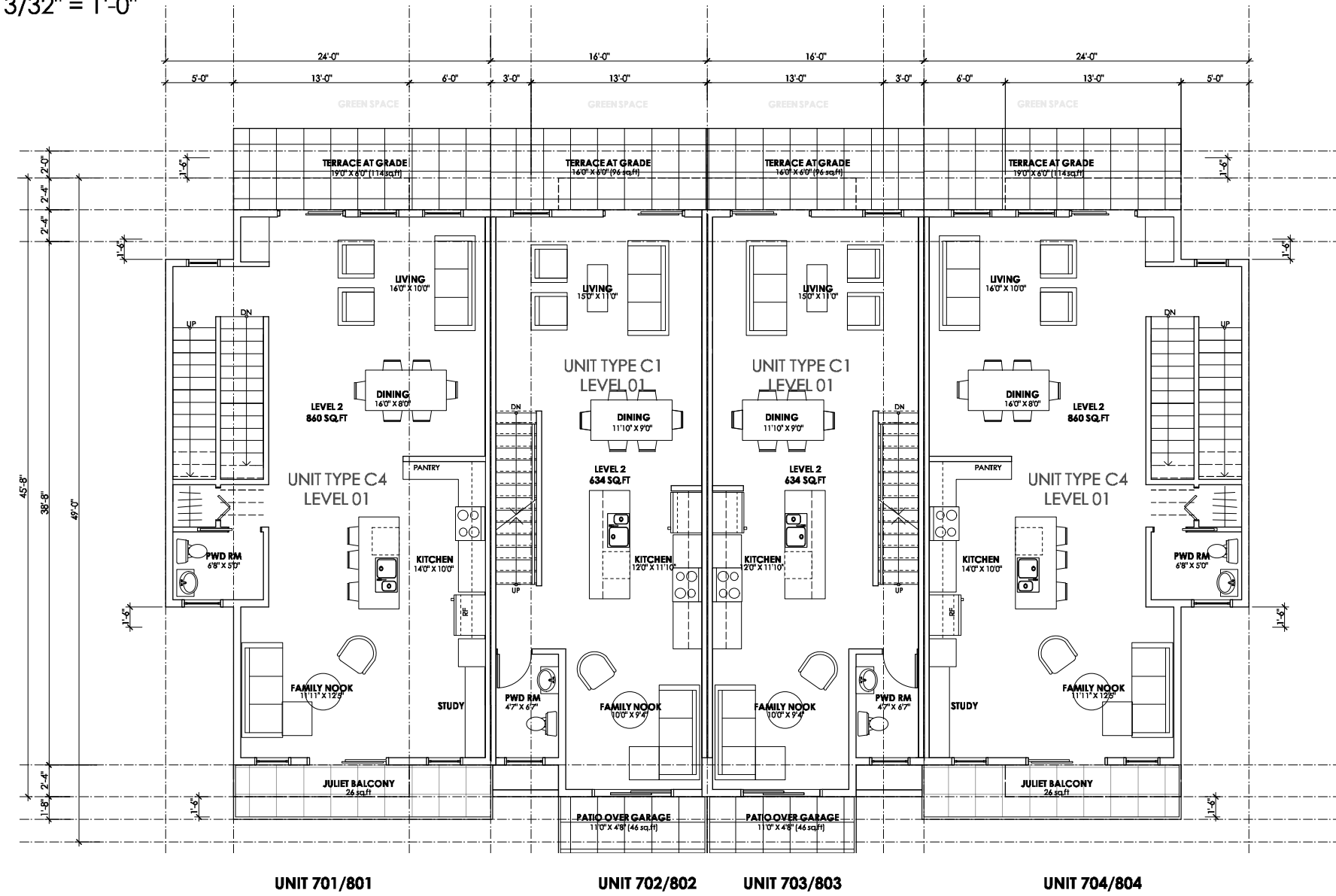
Bid 8 (7 the same) (4 units)				PRIVATE OPEN SPACE	
UNIT 701 3 Bedroom	Level 01 455 SF	42.1 m	0 SF	0 SF	0.0 m
	Level 02 860 SF	79.3 m	17.7 m	190 SF	17.7 m
	Level 03 900 SF	83.4 m	0 SF	0 SF	0.0 m
	Gross Backdrop Level 1 2115 SF	201.1 m	0 SF	0 SF	0.0 m
UNIT 702 2 Bedroom	Level 01 115 SF	10.7 m	0 SF	0 SF	0.0 m
	Level 02 634 SF	58.9 m	14.4 m	144 SF	13.4 m
	Level 03 660 SF	61.3 m	0 SF	0 SF	0.0 m
	Gross Backdrop Level 1 1409 SF	129.3 m	0 SF	0 SF	0.0 m
UNIT 703 2 Bedroom	Level 01 115 SF	10.7 m	0 SF	0 SF	0.0 m
	Level 02 634 SF	58.9 m	14.4 m	144 SF	13.4 m
	Level 03 660 SF	61.3 m	0 SF	0 SF	0.0 m
	Gross Backdrop Level 1 1409 SF	129.3 m	0 SF	0 SF	0.0 m
UNIT 704 3 Bedroom	Level 01 455 SF	42.1 m	0 SF	0 SF	0.0 m
	Level 02 860 SF	79.3 m	17.7 m	190 SF	17.7 m
	Level 03 900 SF	83.4 m	0 SF	0 SF	0.0 m
	Gross Backdrop Level 1 2115 SF	201.1 m	0 SF	0 SF	0.0 m
UNIT AREA SUBTOTAL	7148 SF	644.6 m	0 SF	0 SF	0.0 m
PRIVATE OPEN SPACE SUBTOTAL			448 SF	42.1 m	
SUBTOTAL GROSS AREA Level 1	3524 SF	177.4 m			
SUBTOTAL Building 7/8 Area	7148 SF	644.6 m			
Covered parking, bike storage (part of area)	0 SF	0.0 m			

Material Board

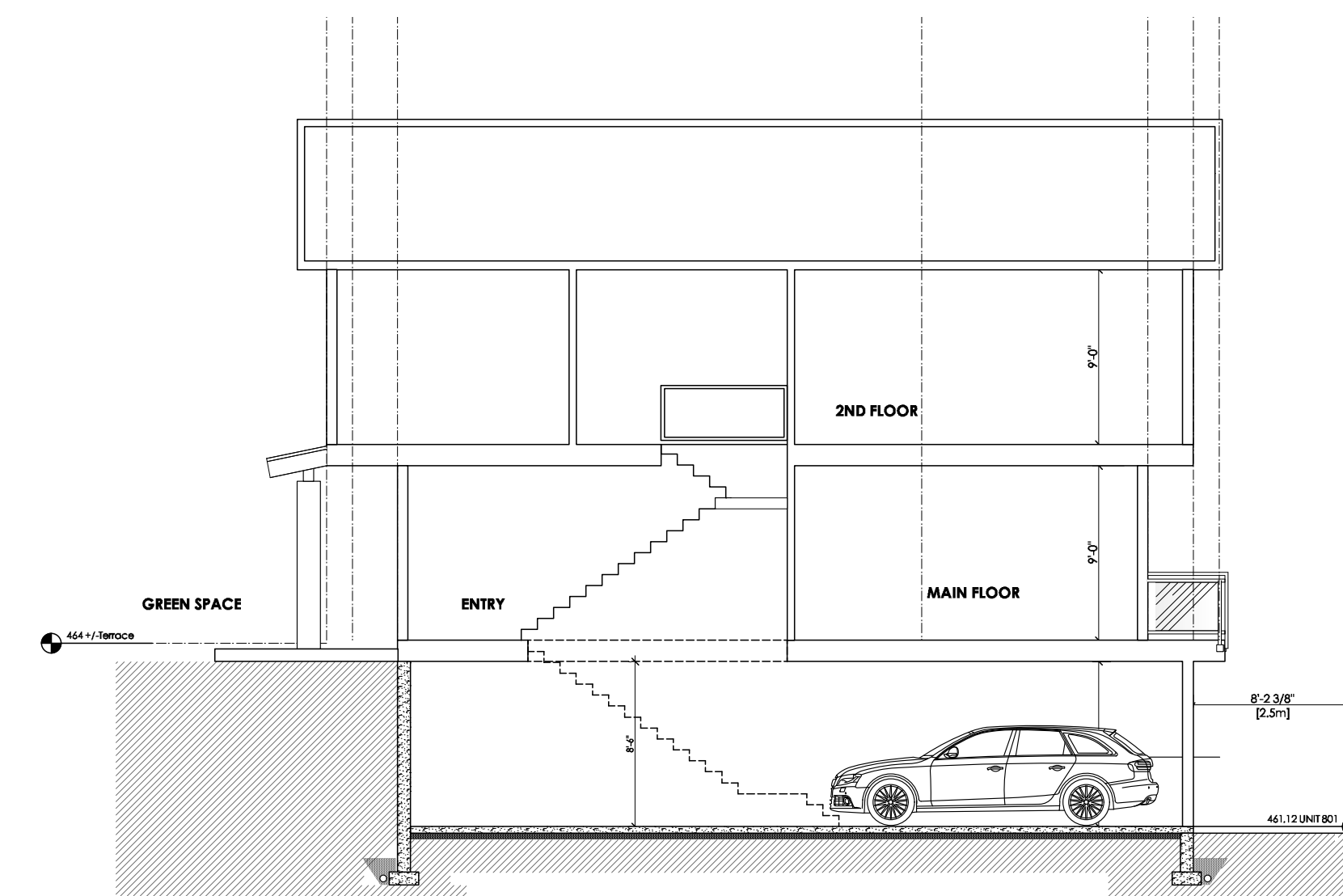
1	HARDIE BOARD FLAP SING SMOOTH FRESH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDIE BOARD & BATTIN COL: VARIOUS COLOURS	8	PACIA BOARD AND SOFFIT HARDIE TRIM COL: IRON ORE (DARK GREY)
3	HARDIE BOARD FLAP SING SMOOTH FRESH COL: EARTHEN GRAY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM HARDIE TRIM COL: EARTHEN GRAY
3.1	ACCENT COLOUR 1: HARDIE BOARD FLAP SING COL: GLASSING GRAY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM HARDIE TRIM COL: WHITE HOUSE
3.2	ACCENT COLOUR 2: HARDIE BOARD FLAP SING COL: COOL BLUE	11	DECORATIVE GRILLE COL: DARK GREY
3.3	ACCENT COLOUR 3: HARDIE BOARD FLAP SING COL: BAYOU BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
3.4	ACCENT COLOUR 4: HARDIE BOARD FLAP SING COL: COPPER PINK	13	ASPHALT SHINGLES COL: DARK GREY
3.5	ACCENT COLOUR 5: HARDIE BOARD FLAP SING COL: REDDISH BROWN	14	METAL LANDING STEM AT SHED ROOF COL: SILVER
4	BRICK VENEER CREATIVE HANDS STONE BRICK: HARTFORD STONE COL: RANCH CLOUT CRAB BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



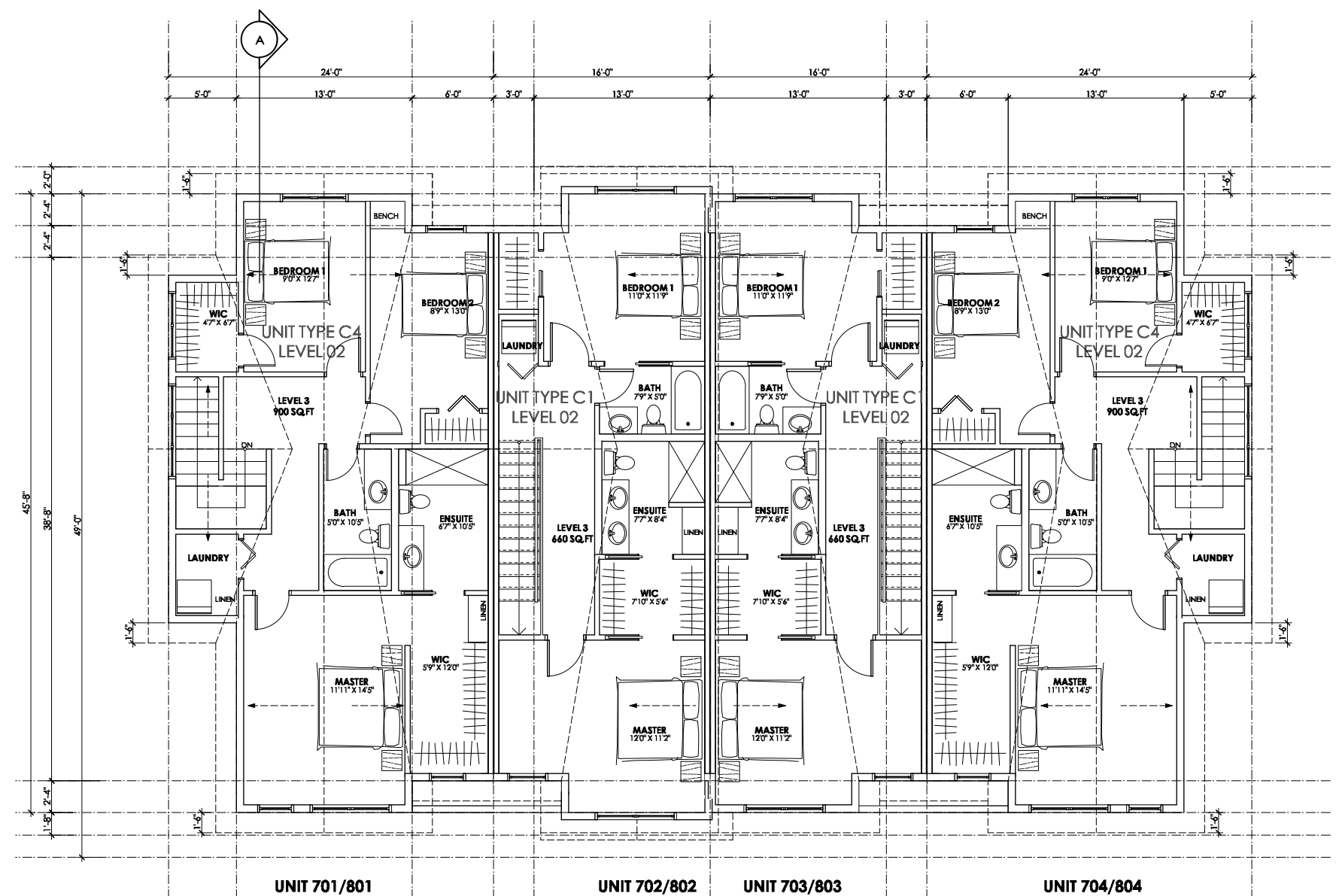
1 Building 7/8 - Lower Level
Scale 3/32" = 1'-0"



2 Building 7/8 - Main Level
Scale 3/32" = 1'-0"



A Building 7/8 - Building Section Unit 801
Scale 1/8" = 1'-0"



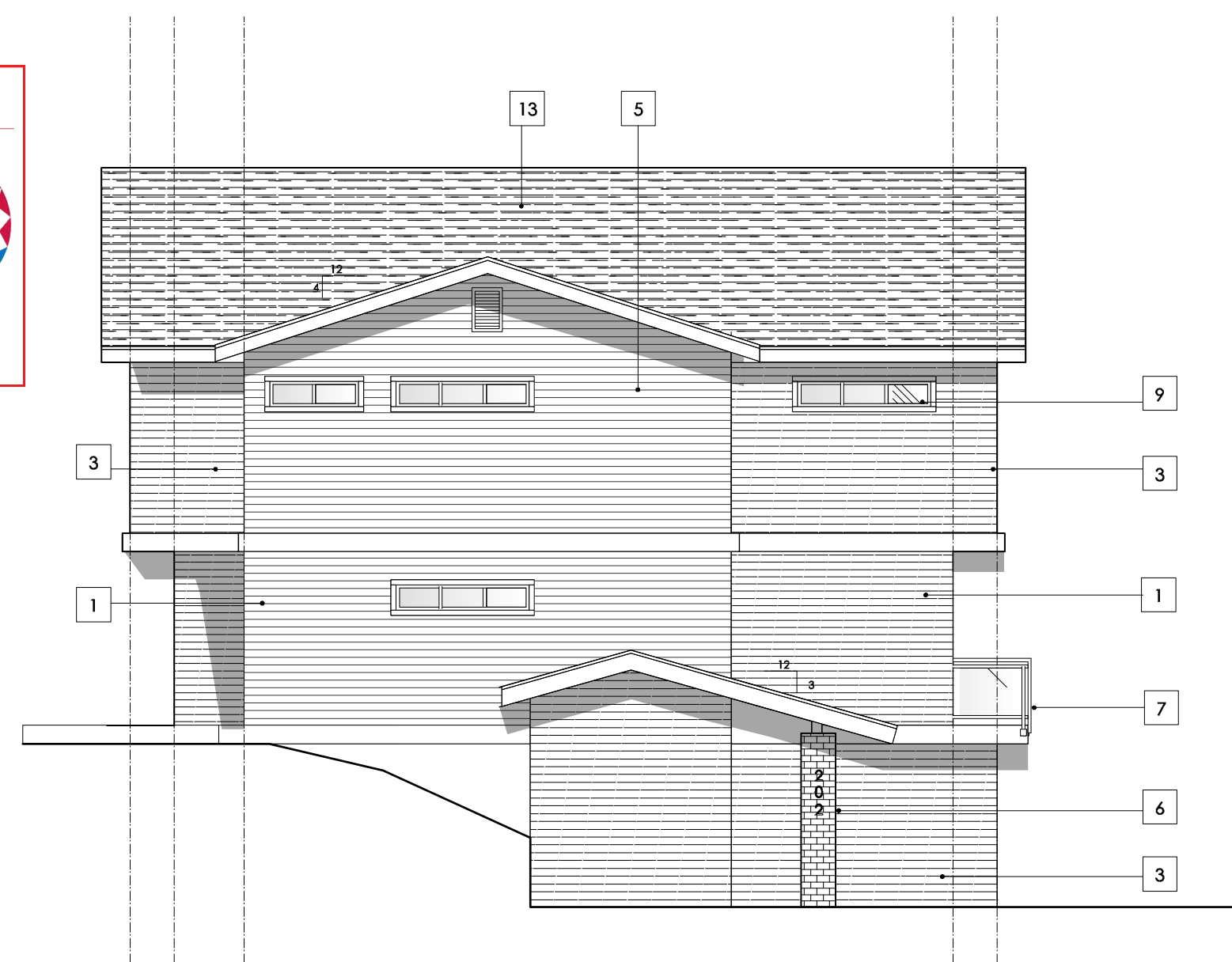
3 Building 7/8 - Upper Level
Scale 3/32" = 1'-0"

SCHEDULE A & B

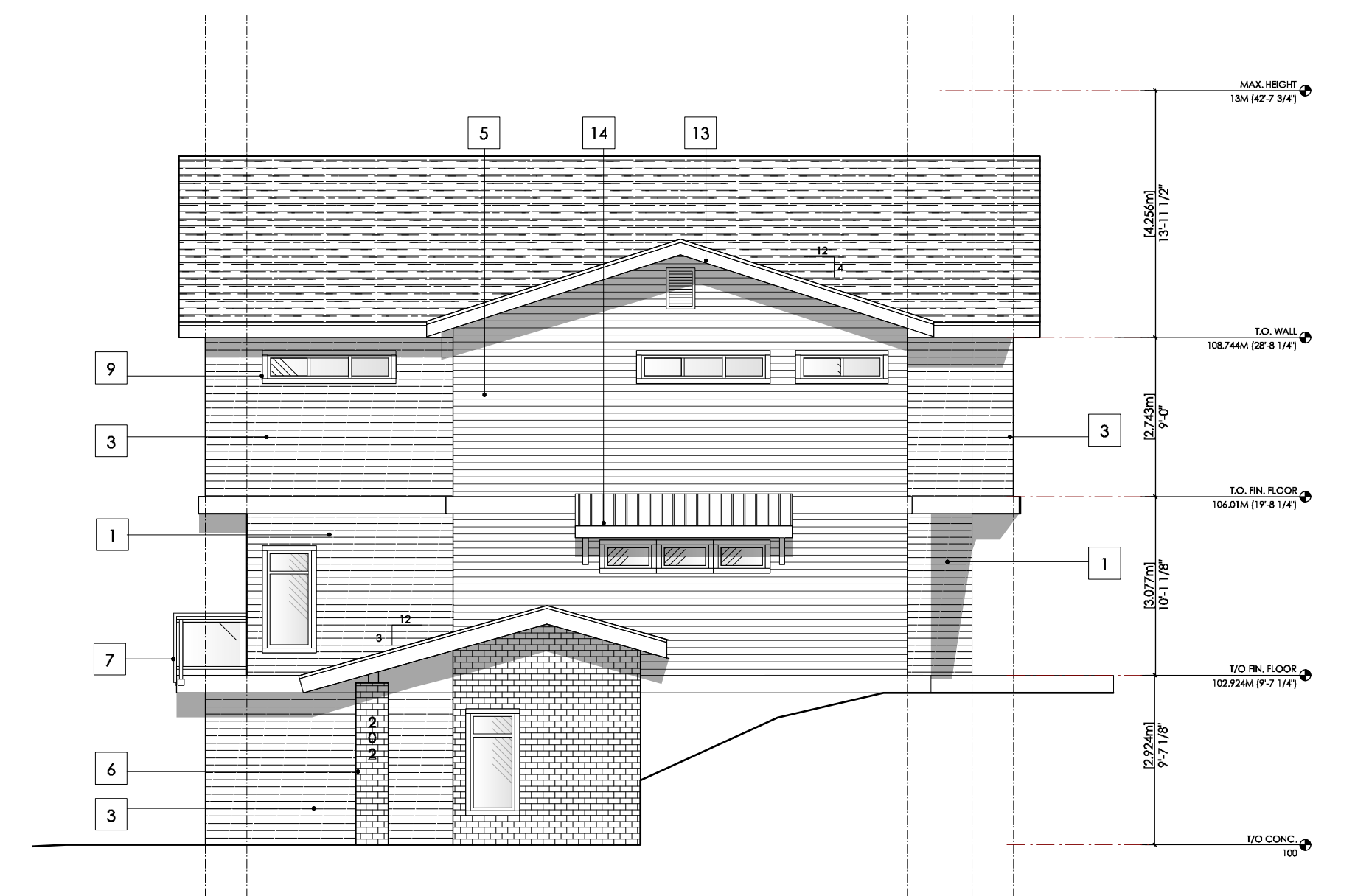
This forms part of application
DP20-0017 & DVP20-009

Planner Initials **AJ**

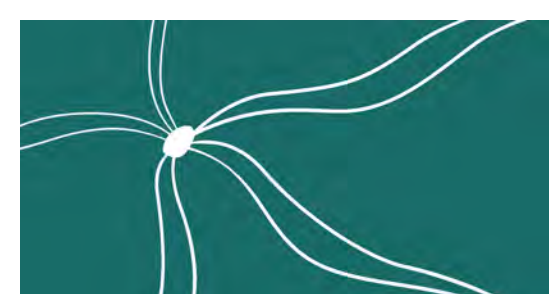
City of **Kelowna**
DEVELOPMENT PLANNING



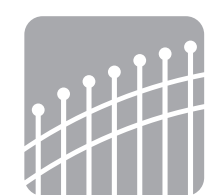
E-4 Building 7 - Side Elevation None Street View
Scale 1/8" = 1'-0"



E-3 Building 7 - Side Elevation Street View
Scale 1/8" = 1'-0"



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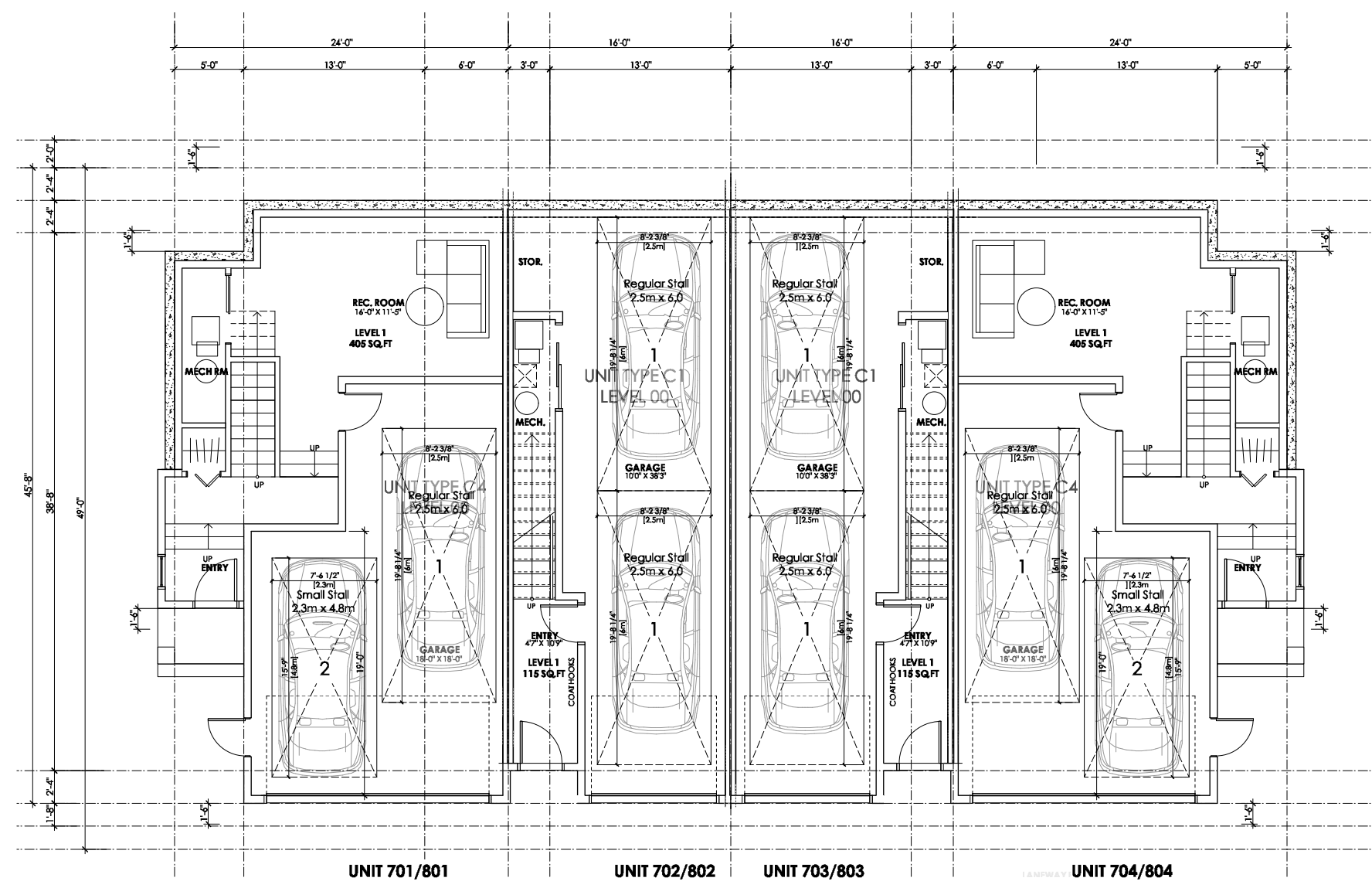
Knox Village - Lot #2
Kelowna BC

Building #7 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30

PROJECT 19.757

A3.6



Building Areas 7/8

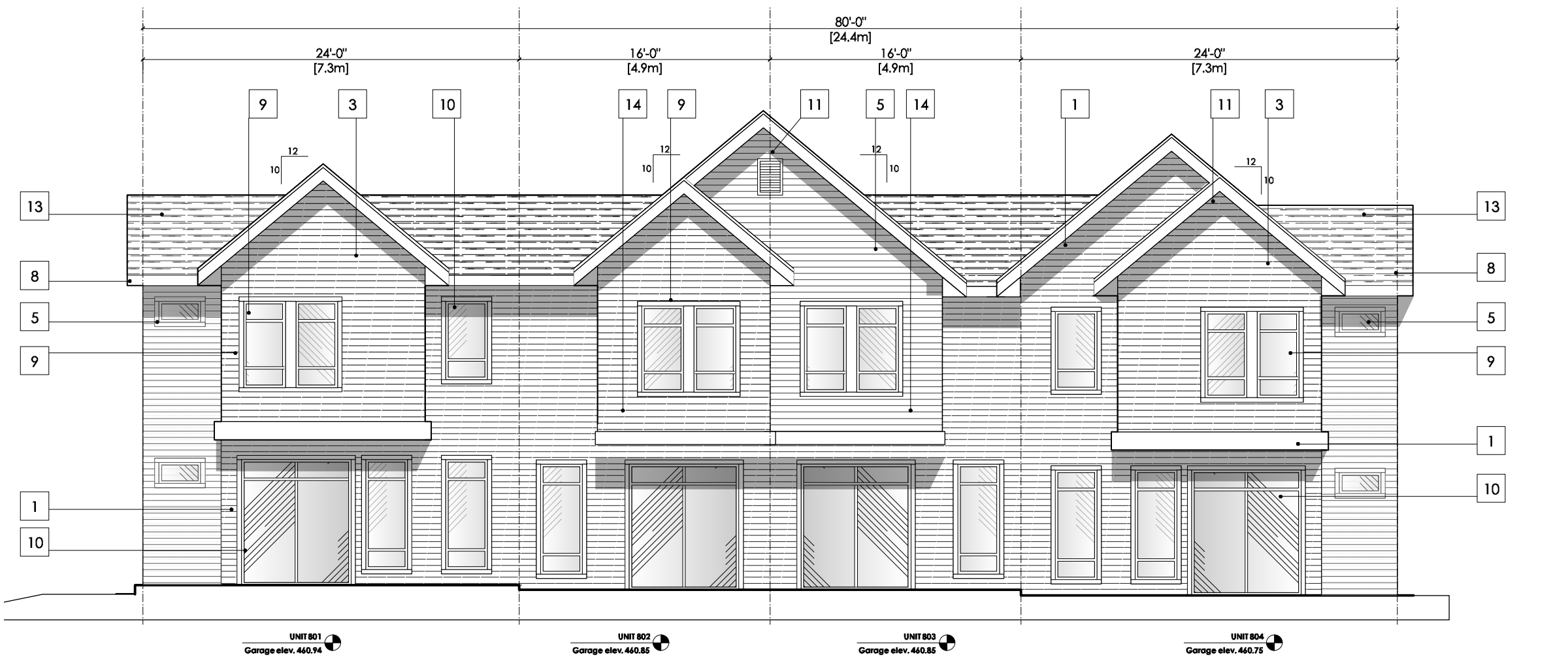
Bid 8 (7 the same) (4 units)			
Unit 701 3 Bedroom	Level 01 860 SF 79.9 sqm	Level 02 900 SF 83.6 sqm	Private Open Space 0 SF 0.0 sqm
Unit 702 2 Bedroom	Level 01 634 SF 58.9 sqm	Level 02 660 SF 61.3 sqm	Private Open Space 0 SF 0.0 sqm
Unit 703 2 Bedroom	Level 01 634 SF 58.9 sqm	Level 02 660 SF 61.3 sqm	Private Open Space 0 SF 0.0 sqm
Unit 704 3 Bedroom	Level 01 860 SF 79.9 sqm	Level 02 900 SF 83.6 sqm	Private Open Space 0 SF 0.0 sqm
Unit Area Subtotal	7148 SF 664.0 sqm	Unit Area Subtotal	7148 SF 664.0 sqm
Subtotal Gross Area Level 1	3574 SF 332.0 sqm	Subtotal Gross Area Level 1	3574 SF 332.0 sqm
Subtotal Building Footprint	7148 SF 664.0 sqm	Subtotal Building Footprint	7148 SF 664.0 sqm
Covered parking, bike storage (not part of area)	0 SF 0.0 sqm	Covered parking, bike storage (not part of area)	0 SF 0.0 sqm

Material Board

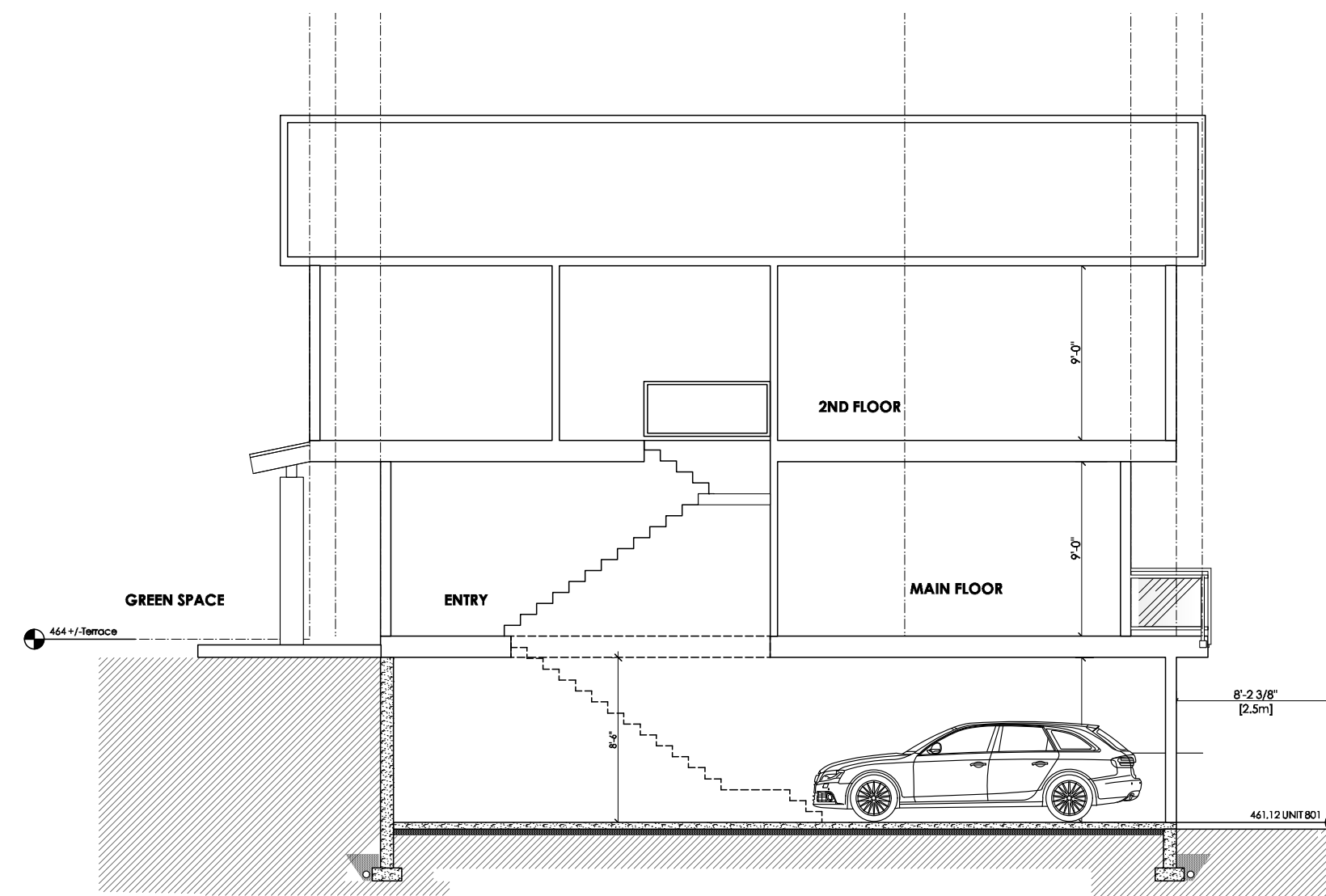
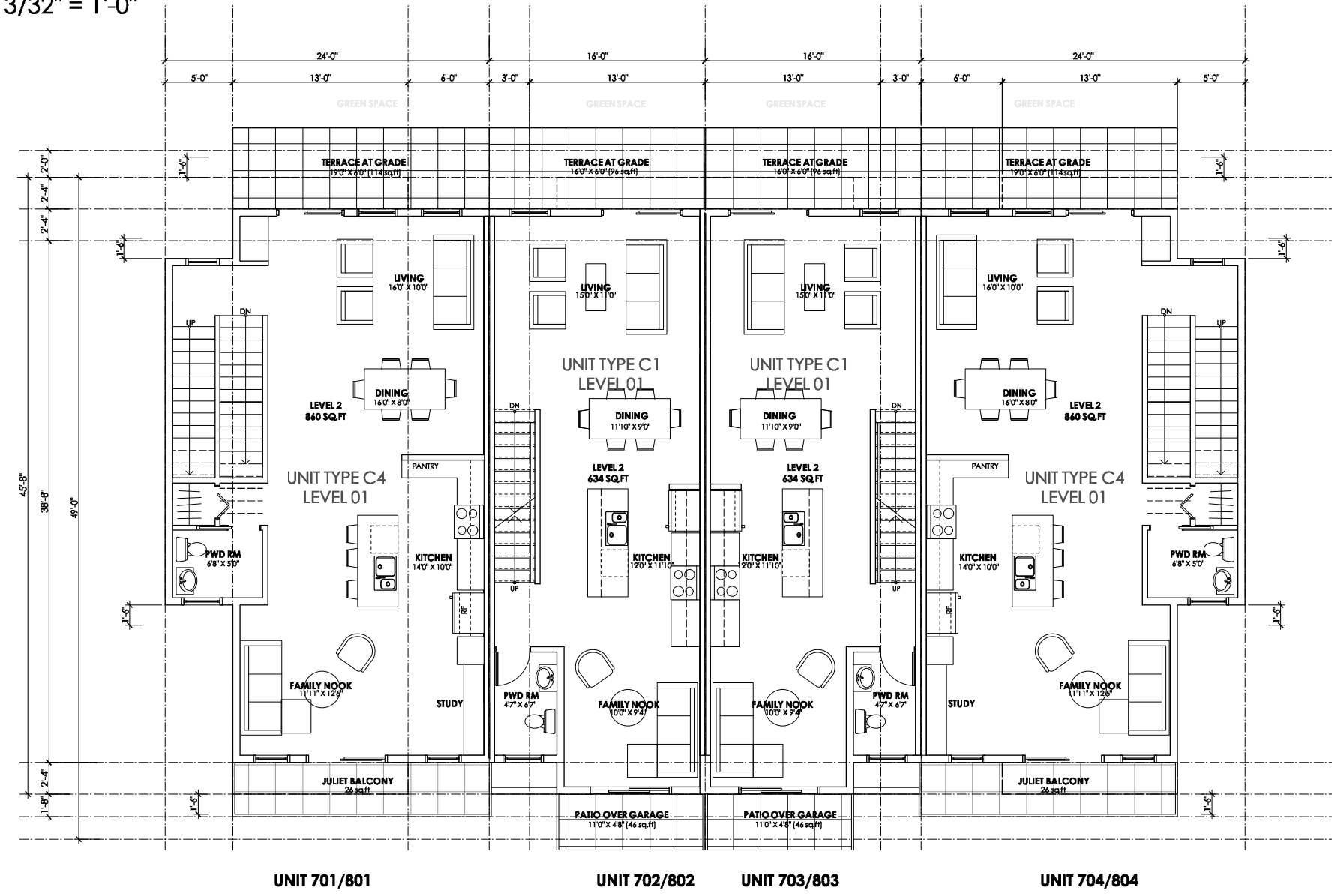
1	HARVEST BOARD 2" LAP SONG SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARVEST BOARD & BATTIN COL: VARIOUS COLOURS	8	RALCO BOARD AND SOFFIT HARVEST TRIM COL: IRON ORE (DARK GREY)
3	HARVEST BOARD 2" LAP SONG SMOOTH FINISH COL: FAIRFAX GREY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARVEST TRIM COL: FAIRFAX GREY
5.1	ACCENT COLOUR 1: HARVEST BOARD 2" LAP SONG COL: CLEANING GREY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: WHITE HOUSE
5.2	ACCENT COLOUR 2: HARVEST BOARD 2" LAP SONG COL: COLOMAN BLUE	11	DECORATIVE GRILLE COL: DARK GREY
5.3	ACCENT COLOUR 3: HARVEST BOARD 2" LAP SONG COL: BAYOU BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
5.4	ACCENT COLOUR 4: HARVEST BOARD 2" LAP SONG COL: COPPER PENNY	13	APRILIA BUNGLES COL: DARK GREY
5.5	ACCENT COLOUR 5: HARVEST BOARD 2" LAP SONG COL: TREASURED STREET	14	METAL DRINKING SENS AT SHED ROOF COL: SILVER
6	BRICK VENEER CREATIVE BRICK STONE COL: BANGGOOD CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



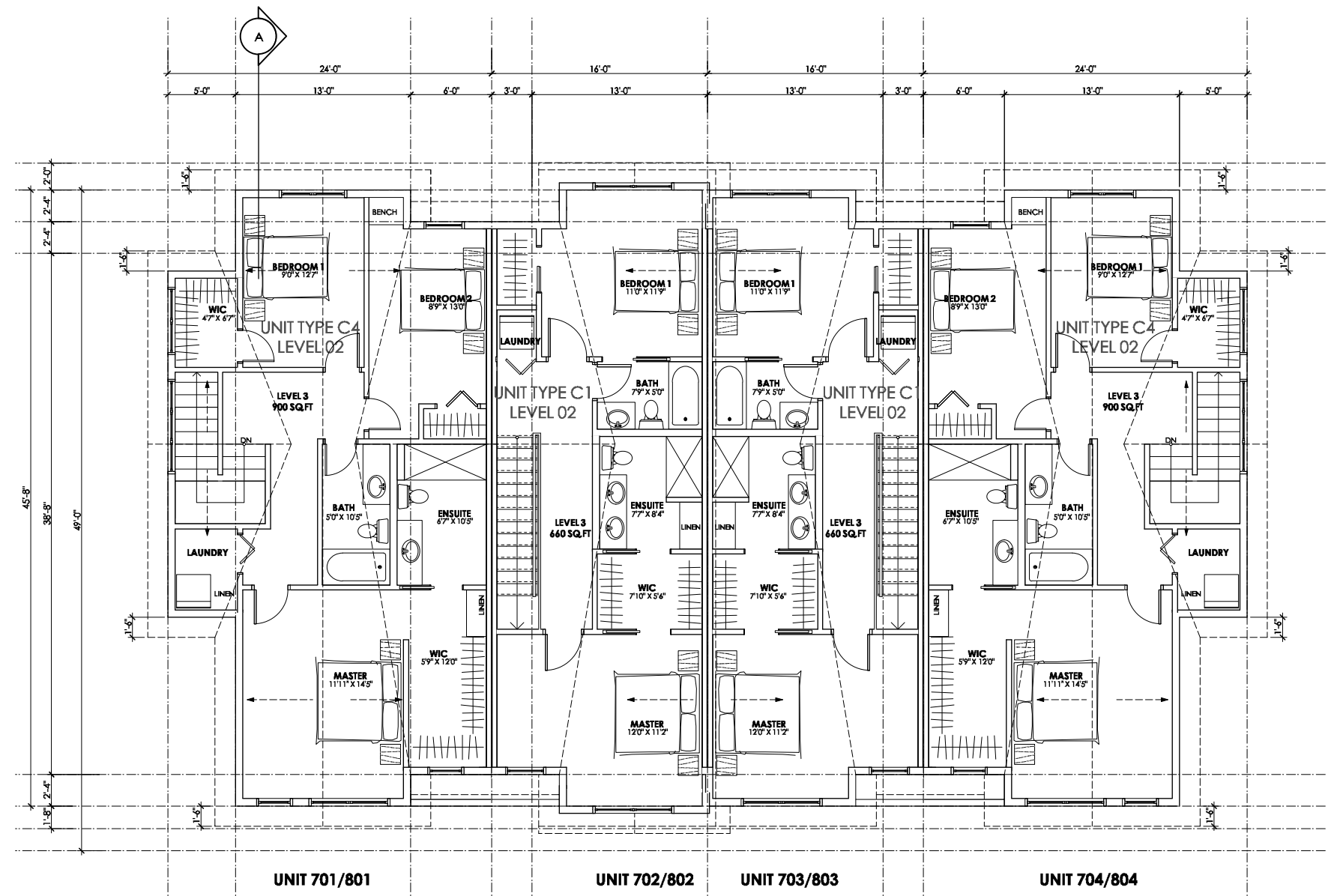
E-1 Building 8 - Lane Elevation
Scale 1/8" = 1'-0"



E-2 Building 8 - Green Space
Scale 1/8" = 1'-0"



A Building 7/8 - Building Section Unit 801
Scale 1/8" = 1'-0"



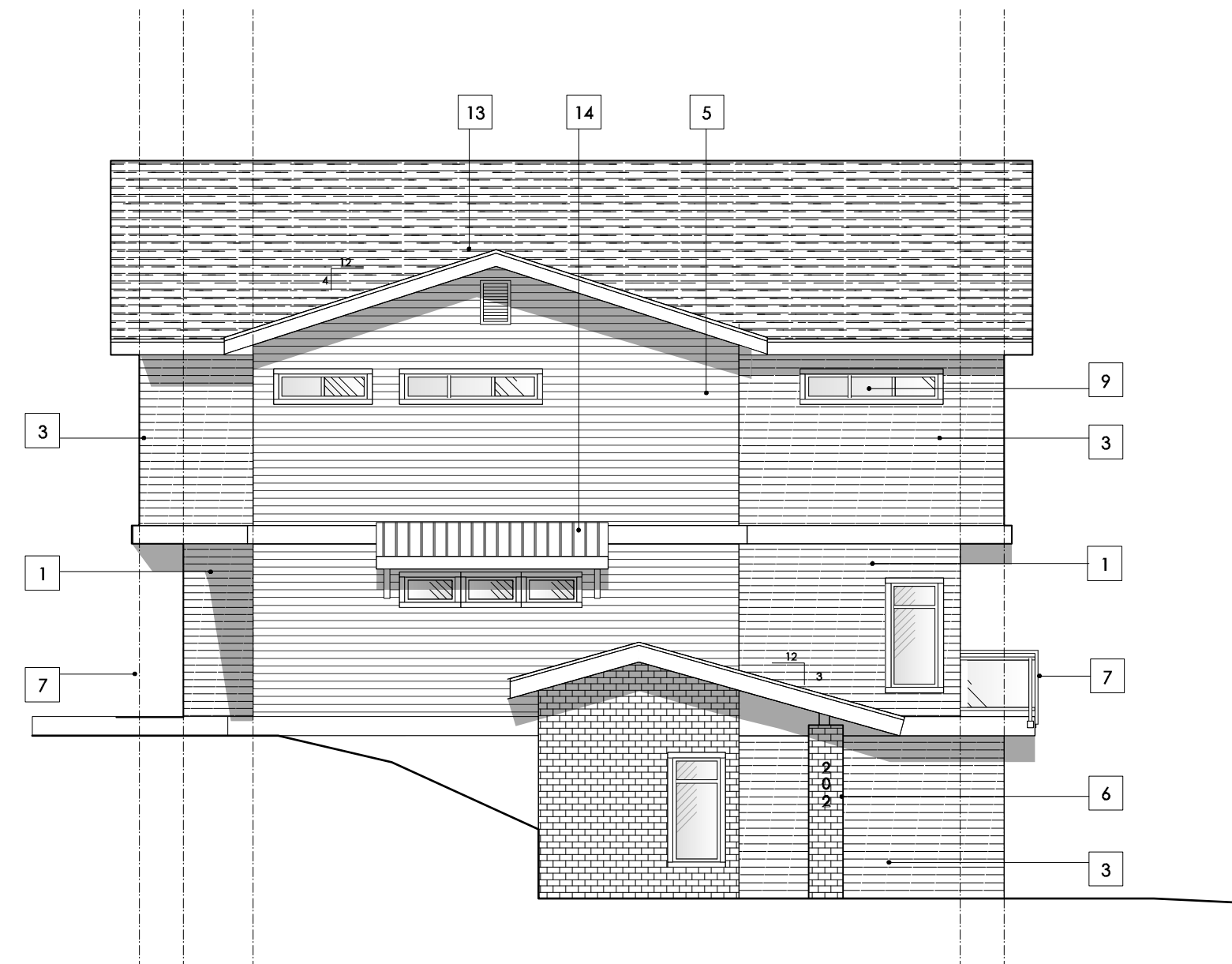
SCHEDULE

This forms part of application
DP20-0017 & DVP20-009

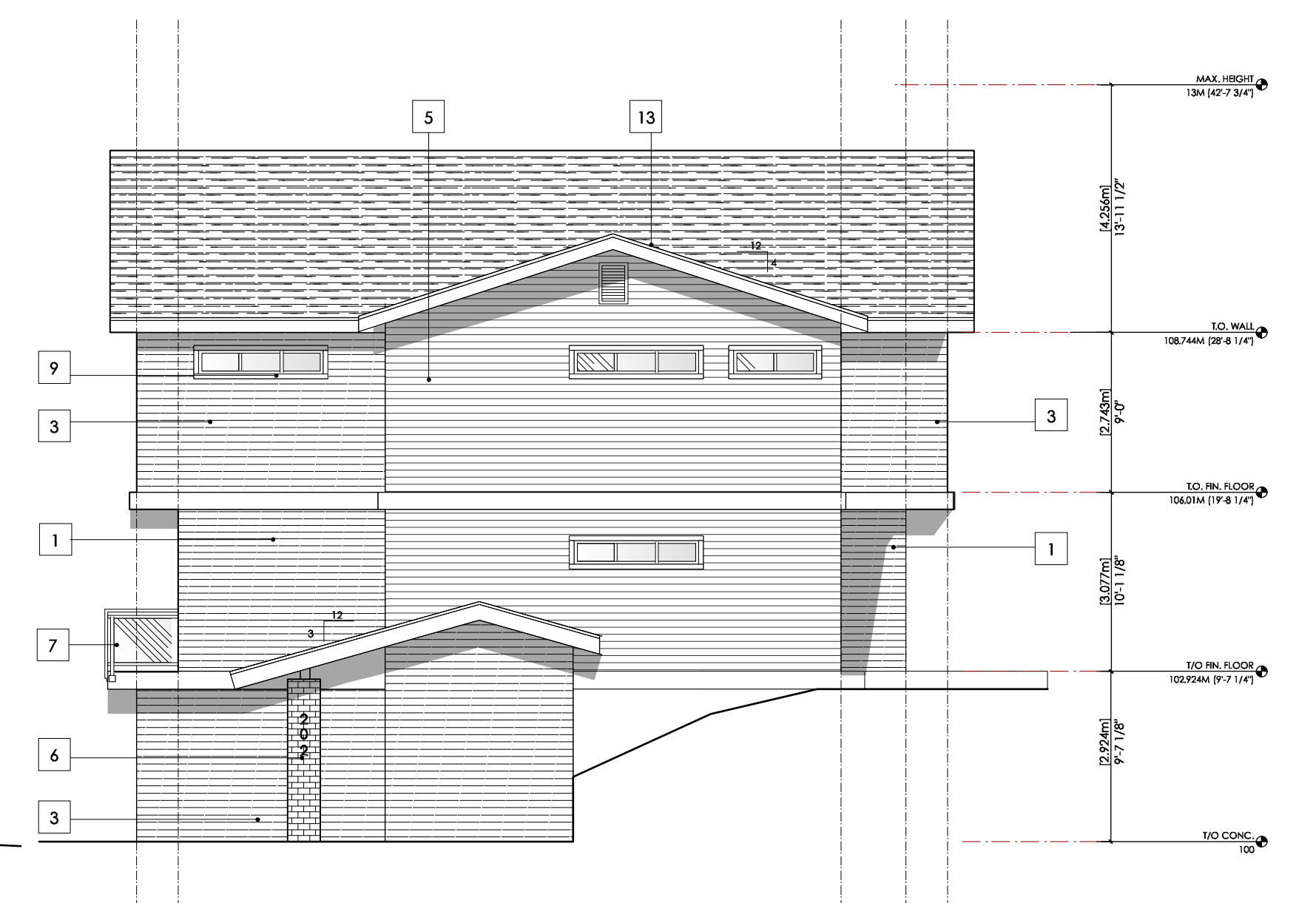
Planner Initials **AJ**

A & B

City of Kelowna
DEVELOPMENT PLANNING

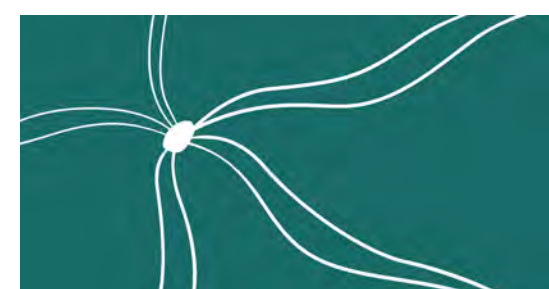


E-3 Building 8 - Side Elevation Lane View
Scale 1/8" = 1'-0"

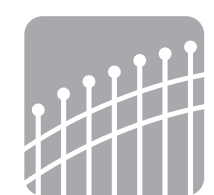


E-3 Building 8 - Side Elevation no street view
Scale 1/8" = 1'-0"

3 Building 7/8 - Upper Level
Scale 3/32" = 1'-0"



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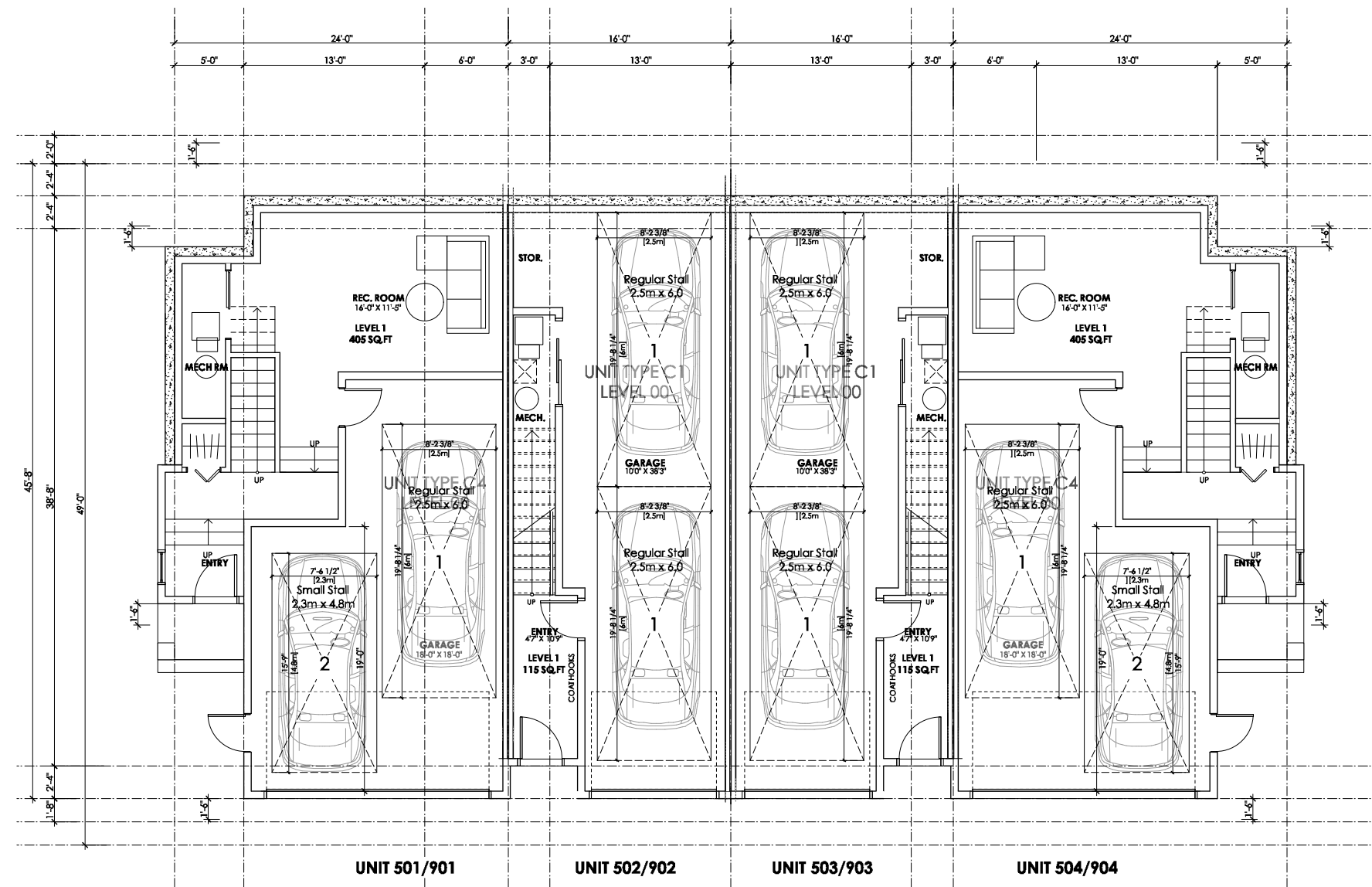
CARRINGTON
HOMES

Knox Village - Lot #2
Kelowna BC

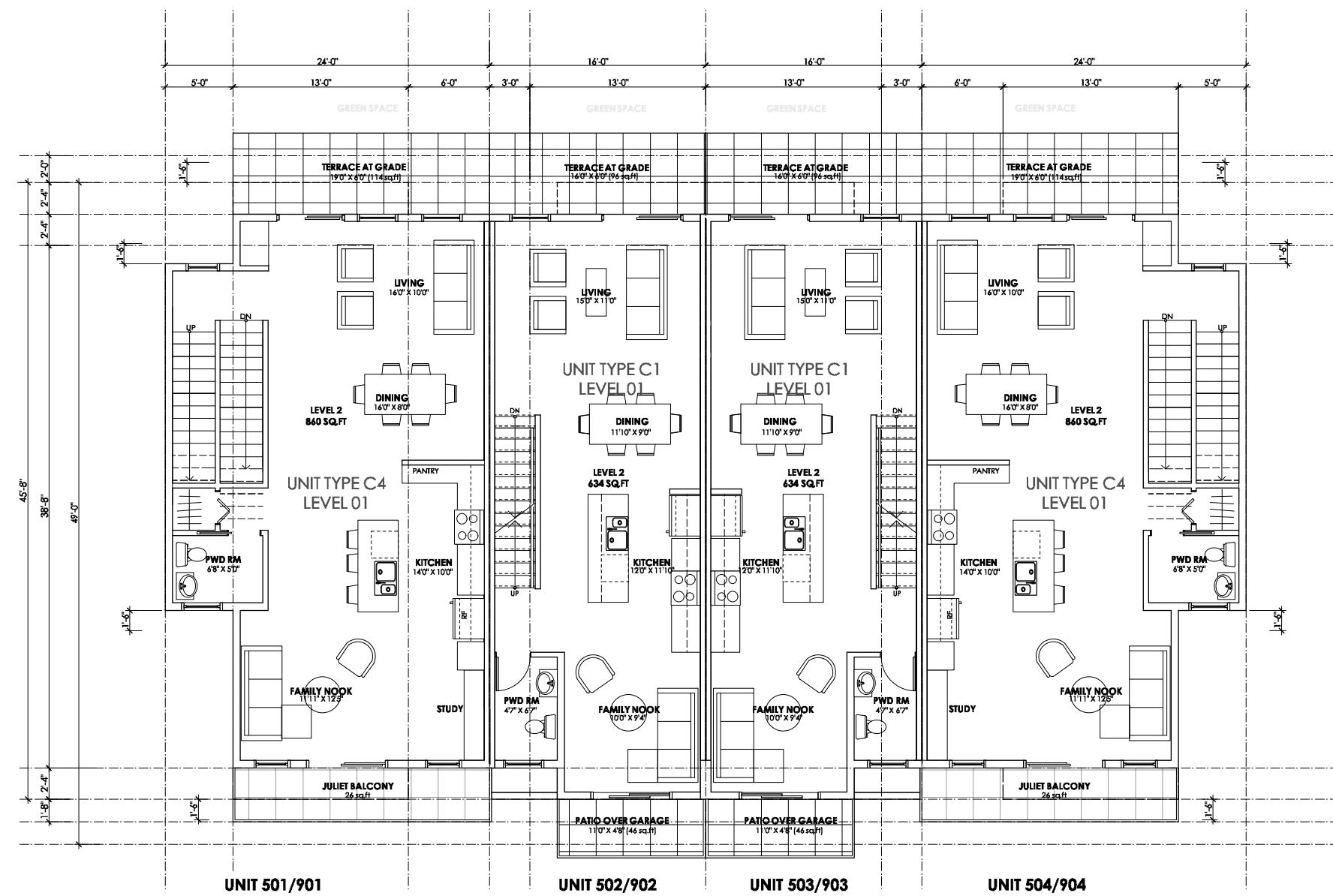
Building #8 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30
PROJECT 19.757

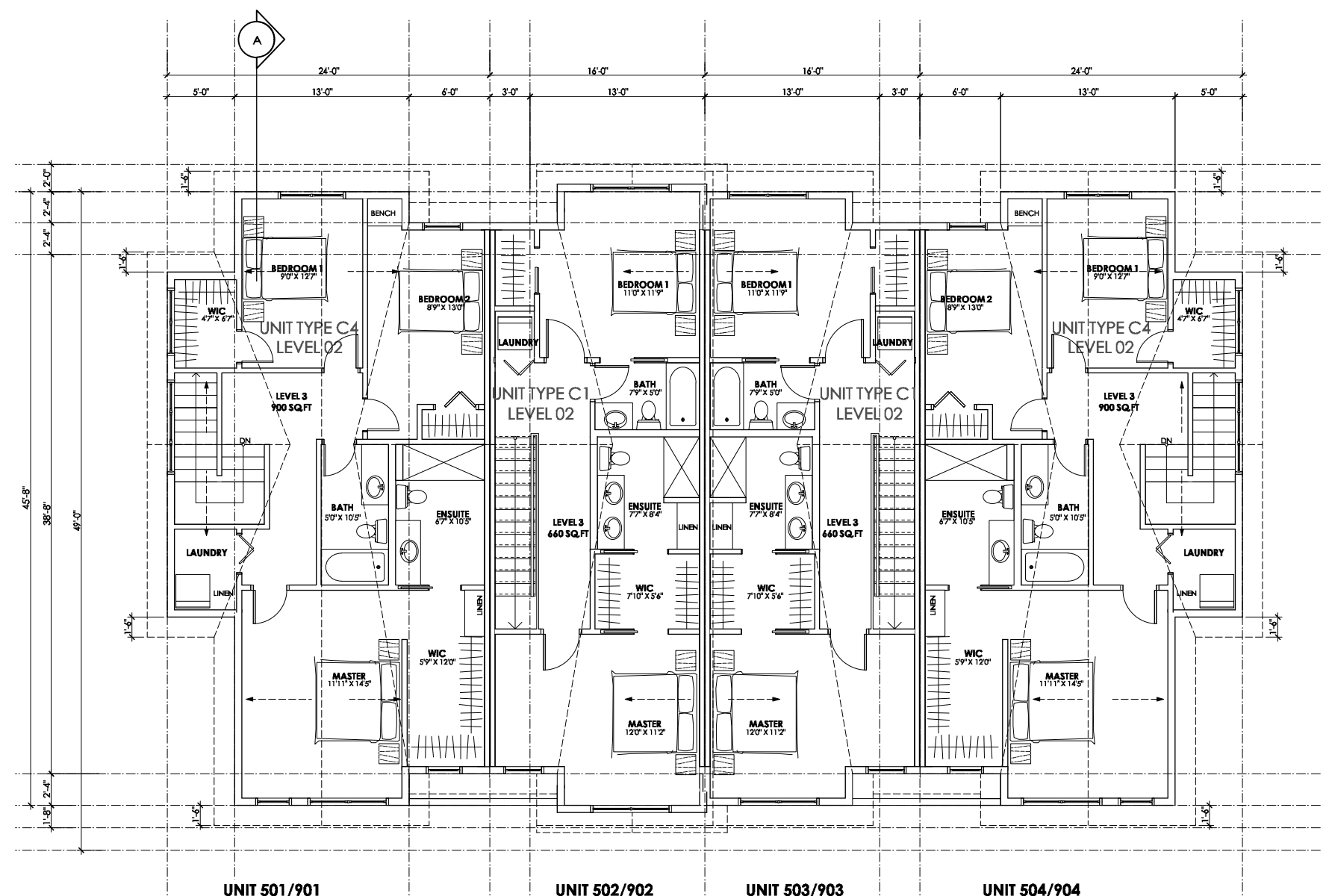
A3.7



1 Building 5/9 - Lower Level
Scale 3/32" = 1'-0"



2 Building 5/9 - Main Level
Scale 3/32" = 1'-0"



3 Building 5/9 - Upper Level
Scale 3/32" = 1'-0"

Building Areas 5/9

Bld 5 (9 the same) (4 units)				PRIVATE OPEN SPACE			
UNIT 501	Level 01	512 SF	47.6 sqm	120 SF	11.1 sqm		
3 Bedroom plus den	Level 02	760 SF	70.6 sqm	180 SF	16.7 sqm		
	Level 03	810 SF	75.2 sqm	0 SF	0.0 sqm		
	Gross footprint level 1	2082 SF	193.4 sqm				
UNIT 502	Level 01	100 SF	9.3 sqm	100 SF	9.3 sqm		
2 Bedroom	Level 02	572 SF	53.1 sqm	102 SF	9.5 sqm		
	Level 03	400 SF	37.2 sqm	0 SF	0.0 sqm		
	Gross footprint level 1	1072 SF	99.6 sqm				
UNIT 503	Level 01	100 SF	9.3 sqm	100 SF	9.3 sqm		
2 Bedroom	Level 02	572 SF	53.1 sqm	102 SF	9.5 sqm		
	Level 03	400 SF	37.2 sqm	0 SF	0.0 sqm		
	Gross footprint level 1	1072 SF	99.6 sqm				
UNIT 504	Level 01	512 SF	47.6 sqm	120 SF	11.1 sqm		
3 Bedroom plus den	Level 02	760 SF	70.6 sqm	180 SF	16.7 sqm		
	Level 03	810 SF	75.2 sqm	0 SF	0.0 sqm		
	Gross footprint level 1	2082 SF	193.4 sqm				
UNIT AREA SUBTOTAL				6708 SF	623.2 sqm	0 SF	0.0 sqm
PRIVATE OPEN SPACE SUBTOTAL						1004 SF	93.3 sqm
SUBTOTAL GROSS AREA Level 1				3350 SF	309.1 sqm		
SUBTOTAL Building FAR total				6708 SF	623.2 sqm		
Covered parking, bike storage (not part of area)				0 SF	0.0 sqm		

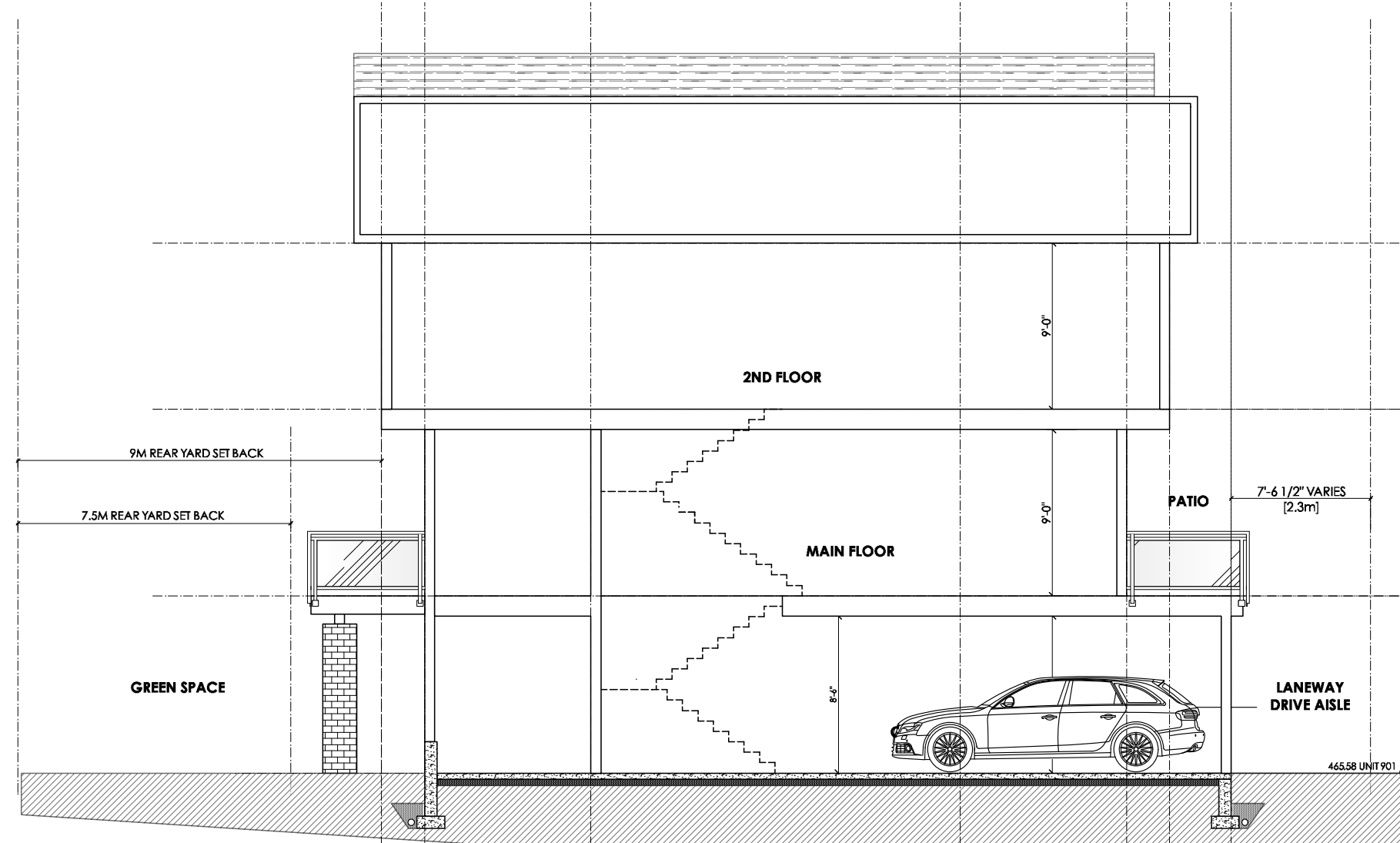
SCHEDULE

A & B

This forms part of application
DP20-0017 & DVP20-009

Planner
Initials AJ

City of
Kelowna
DEVELOPMENT PLANNING



A Building 5/9 - Building Section Unit 901
Scale 1/8" = 1'-0"

Material Board

1	HARDY BOARD 5" LAP SONG SHADOW FRESH COL: WHITE HOSE	7	ALUMINUM RAILING W/ GLASS COL: RICH ORE (DARK GREY)
2	HARDY BOARD 5" LAP SONG COL: VARIOUS COLOURS	8	PACIA BOARD AND SOFFIT COL: RICH ORE (DARK GREY)
3	HARDY BOARD 5" LAP SONG SHADOW FRESH COL: LAUREN GRAY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARDYTRIM COL: LAUREN GRAY
5.1	ACCENT COLOUR 1: HARDY BOARD 5" LAP SONG COL: CLEANING GRAY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDYTRIM COL: WHITE HOSE
5.2	ACCENT COLOUR 2: HARDY BOARD 5" LAP SONG COL: COGNAL BLUE	11	DECORATIVE GRILLE COL: DARK GREY
5.3	ACCENT COLOUR 3: HARDY BOARD 5" LAP SONG COL: BAYOU BLUE	12	GARAGE DOOR (VARIOUS STEEL) COL: GREY
5.4	ACCENT COLOUR 4: HARDY BOARD 5" LAP SONG COL: COPPER PINK	13	ASPHALT SHINGLES COL: DARK GREY
5.5	ACCENT COLOUR 5: HARDY BOARD 5" LAP SONG COL: TRINIDAD STREET	14	WETLAND BRANDING BEAM COL: SILVER
6	BRICK VENEER CREATING HILLS STONE COL: TRINIDAD STREET	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



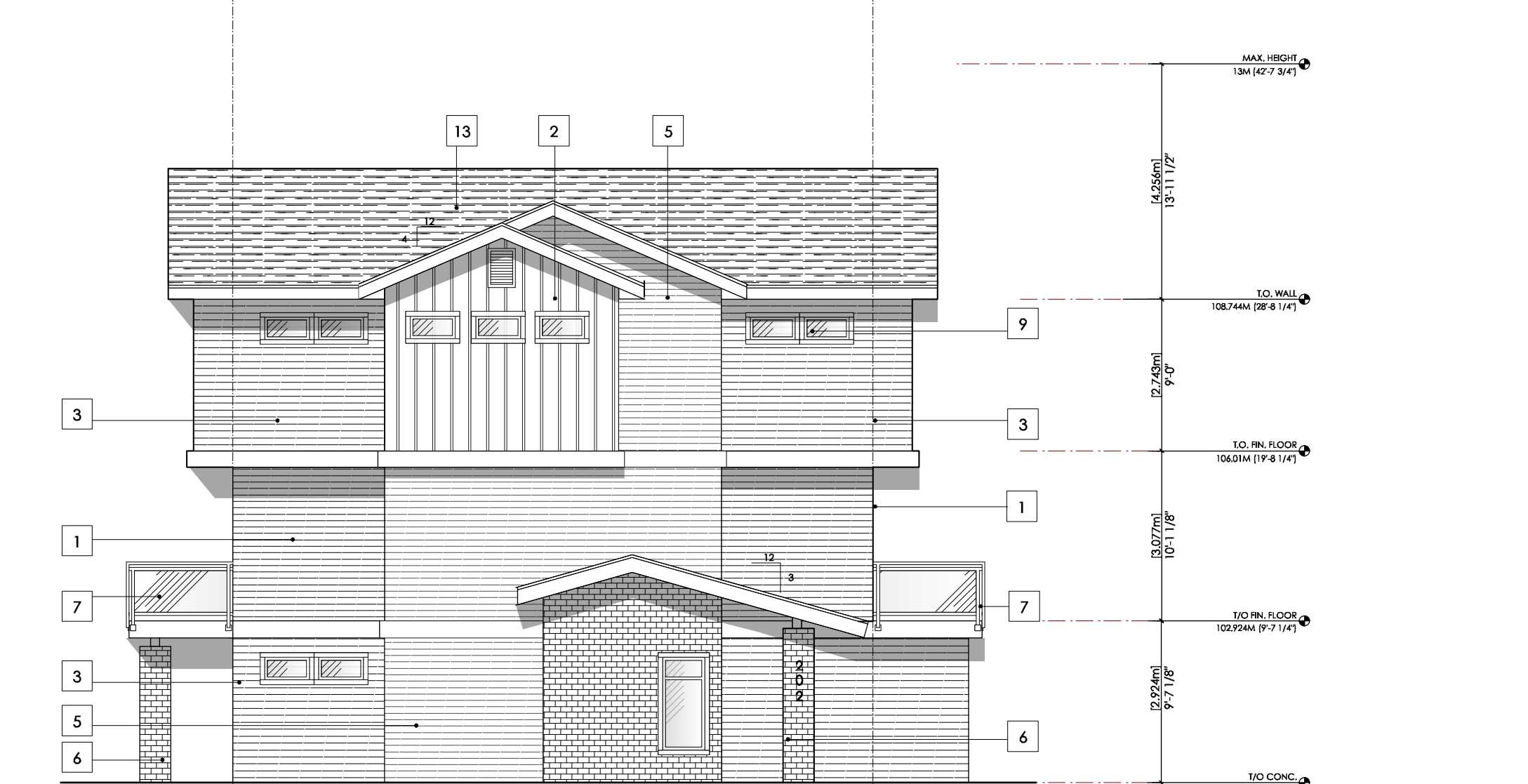
E-1 Building 9 - Lane Elevation
Scale 1/8" = 1'-0"



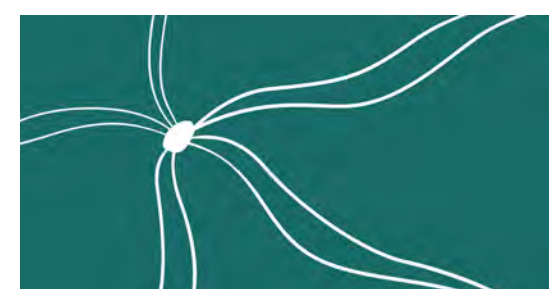
E-2 Building 9 - Green Space
Scale 1/8" = 1'-0"



E-4 Building 9 - Side Elevation None Street View
Scale 1/8" = 1'-0"



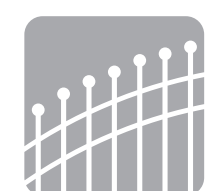
E-3 Building 9 - Side Elevation Street View
Scale 1/8" = 1'-0"



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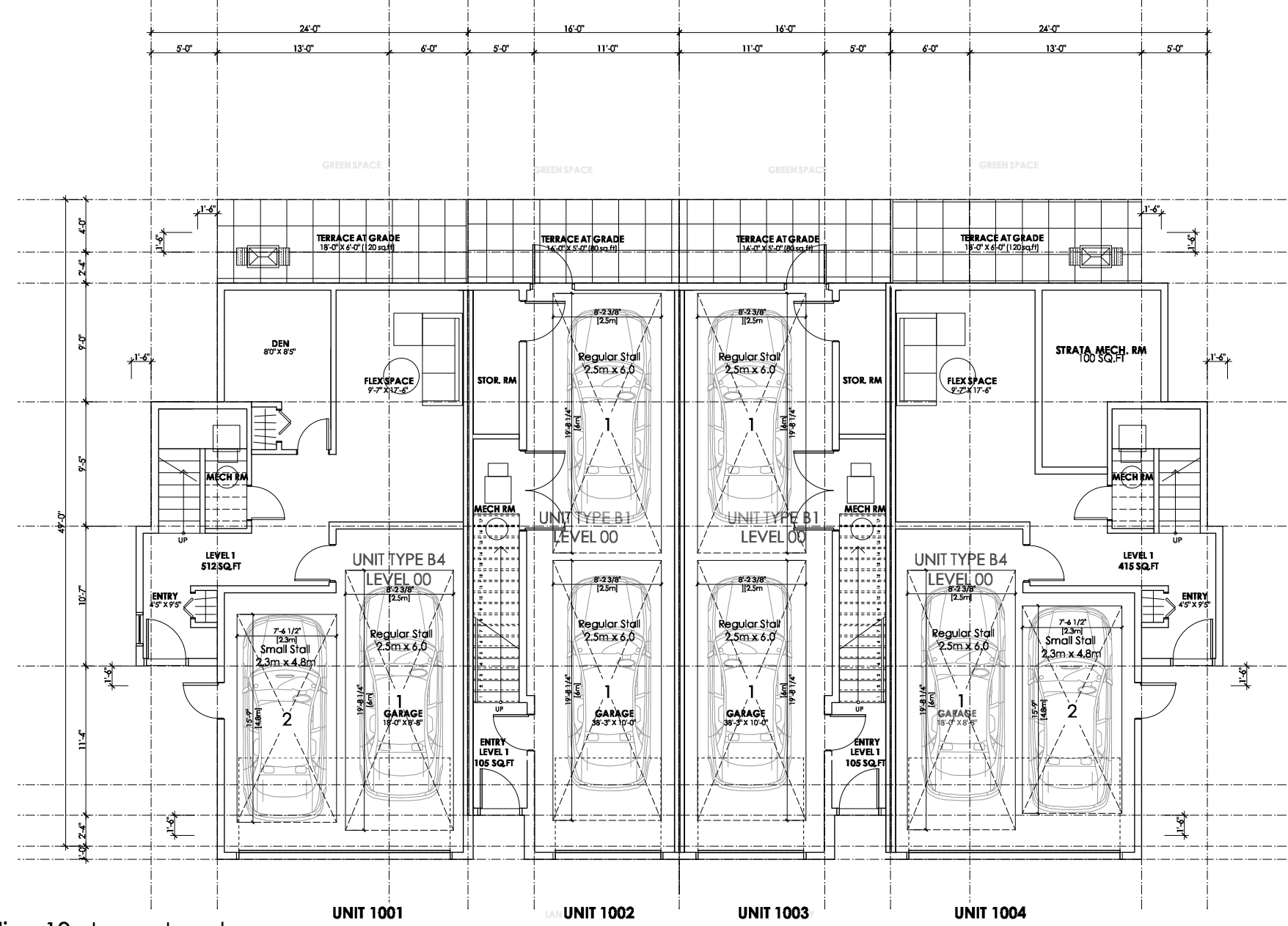
Knox Village - Lot #2
Kelowna BC

Building #9 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30

PROJECT 19.757

A3.8



Building Areas

Bld 10 (4 units)				PRIVATE OPEN SPACE			
Unit 1001	3 bedroom plus den	Level 01	415 SF	38.6 sqm	118 SF	11.0 sqm	
		Level 02	710 SF	65.9 sqm	189 SF	17.4 sqm	
		Level 03	810 SF	75.2 sqm	0 SF	0.0 sqm	
		Gross Floorplate Level 1	945 SF	87.5 sqm	0 SF	0.0 sqm	
		Unit Area (1/2/3)	1935 SF	181.4 sqm			
Unit 1002	2 bedroom	Level 01	105 SF	9.8 sqm	80 SF	7.4 sqm	
		Level 02	572 SF	53.1 sqm	108 SF	10.0 sqm	
		Level 03	400 SF	37.2 sqm	0 SF	0.0 sqm	
		Gross Floorplate Level 1	1077 SF	99.9 sqm	0 SF	0.0 sqm	
		Unit Area (1/2/3)	2077 SF	193.4 sqm			
Unit 1003	2 bedroom	Level 01	105 SF	9.8 sqm	80 SF	7.4 sqm	
		Level 02	572 SF	53.1 sqm	108 SF	10.0 sqm	
		Level 03	400 SF	37.2 sqm	0 SF	0.0 sqm	
		Gross Floorplate Level 1	1077 SF	99.9 sqm	0 SF	0.0 sqm	
		Unit Area (1/2/3)	2077 SF	193.4 sqm			
Unit 1004	3 bedroom	Level 01	512 SF	47.6 sqm	118 SF	11.0 sqm	
		Level 02	786 SF	72.8 sqm	189 SF	17.4 sqm	
		Level 03	810 SF	75.2 sqm	0 SF	0.0 sqm	
		Gross Floorplate Level 1	1108 SF	102.9 sqm	0 SF	0.0 sqm	
		Unit Area (1/2/3)	2116 SF	196.4 sqm			
UNIT AREA SUBTOTAL			6421 SF	598.1 sqm	0 SF	0.0 sqm	
PRIVATE OPEN SPACE SUBTOTAL					372 SF	34.4 sqm	
SUBTOTAL GROSS AREA Level 1			3233 SF	299.8 sqm			
SUBTOTAL Building FAR total			4421 SF	409.8 sqm			
Covered parking, bike storage (not part of area)			0 SF	0.0 sqm			

Material Board

1	HARDBOARD S LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILINGS W/ GLASS COL: IRON GREY (DARK GREY)
2	HARDBOARD S LAP SIDING COL: VARIOUS COLOURS	8	FASCIA BOARD AND SOFFIT HARDBOARD COL: IRON GREY (DARK GREY)
3	HARDBOARD S LAP SIDING SMOOTH FINISH COL: EARTHEN GREY	9	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDBOARD TRIM COL: EARTHEN GREY
3.1	ACCENT COLOUR 1: HARDBOARD S LAP SIDING COL: CLEANING GREY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDBOARD TRIM COL: WHITE HOUSE
3.2	ACCENT COLOUR 2: HARDBOARD S LAP SIDING COL: COLOMBIA BLUE	11	DECORATIVE GRILLE COL: DARK GREY
3.3	ACCENT COLOUR 3: HARDBOARD S LAP SIDING COL: BAYVIEW BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
3.4	ACCENT COLOUR 4: HARDBOARD S LAP SIDING COL: COFFEE PINE	13	ASPHALT SHINGLES COL: DARK GREY
3.5	ACCENT COLOUR 5: HARDBOARD S LAP SIDING COL: IRON GREY	14	METAL SKIDING STRIP AT SHED ROOF COL: SILVER
4	BRICK VINYL CREATING HANDS STONE BRICK: MANTHORPE STONE COL: BANGLOO CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE

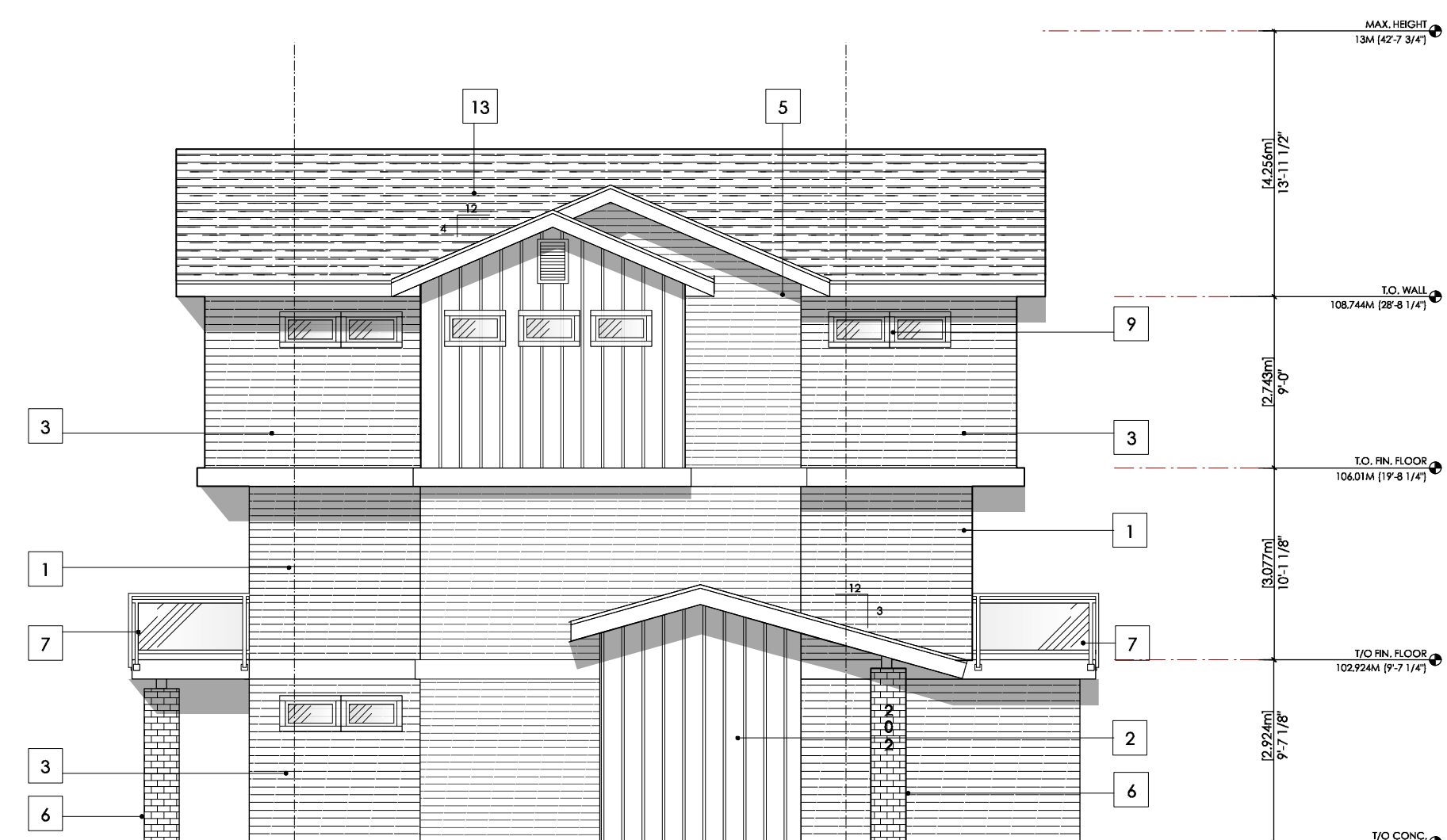
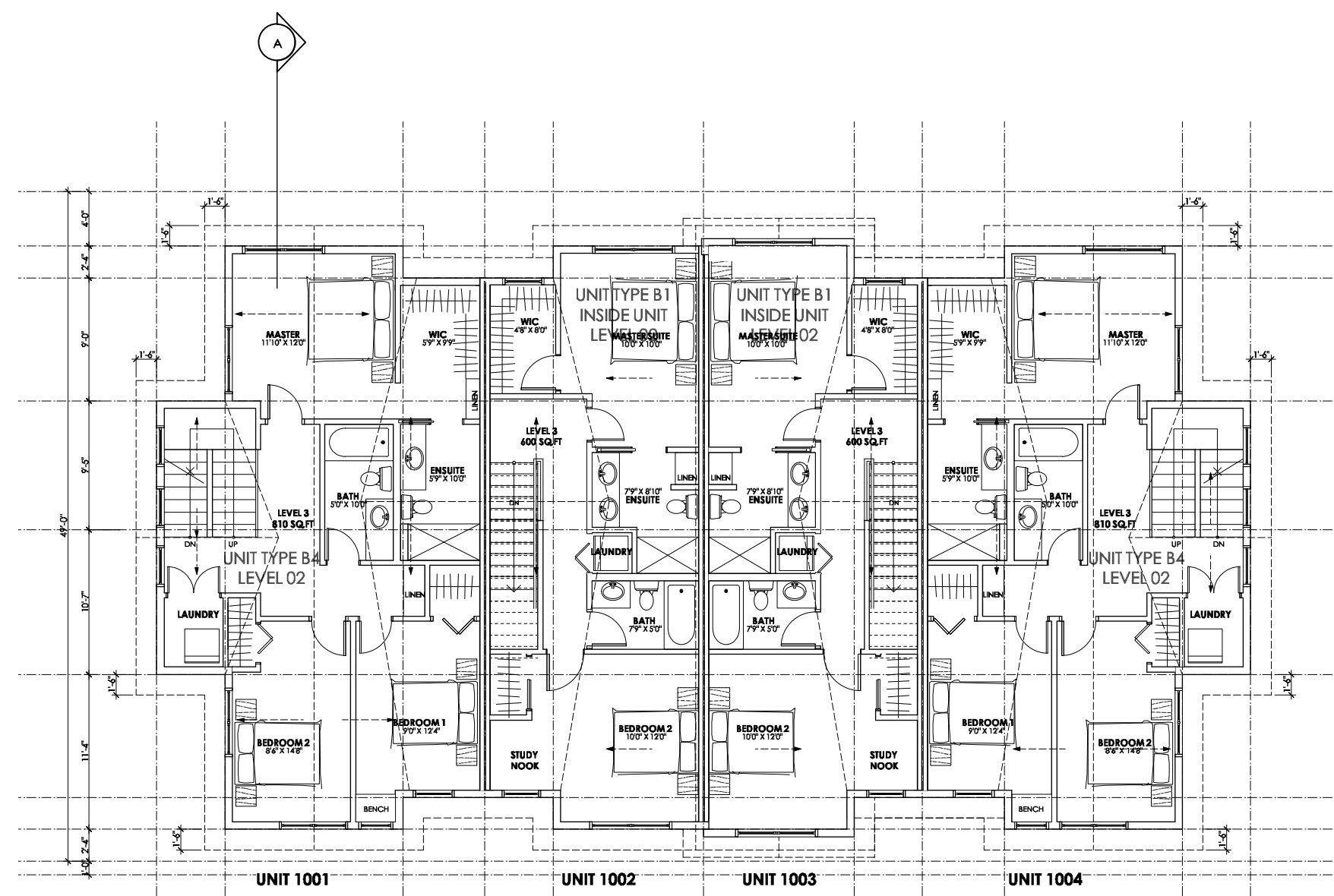
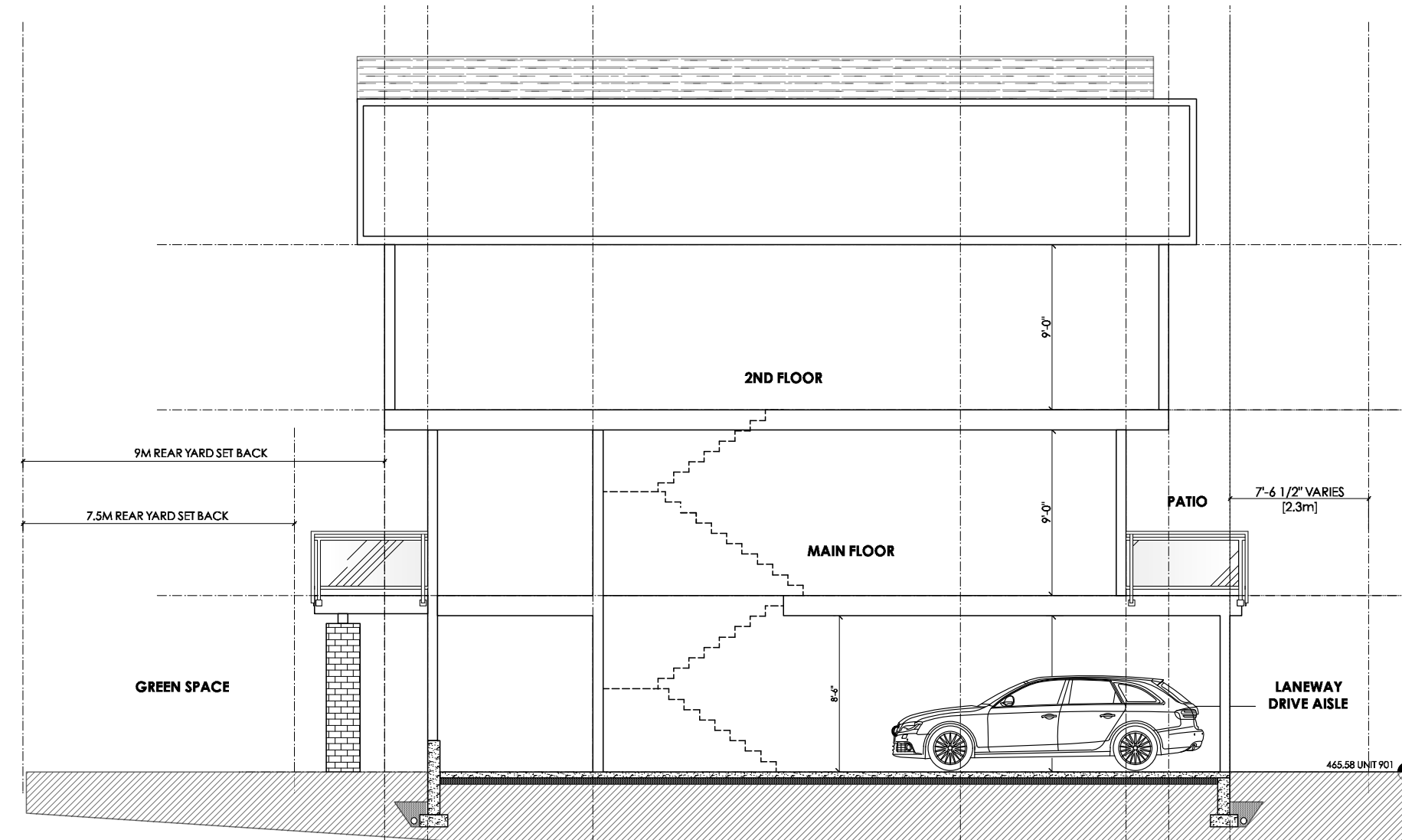
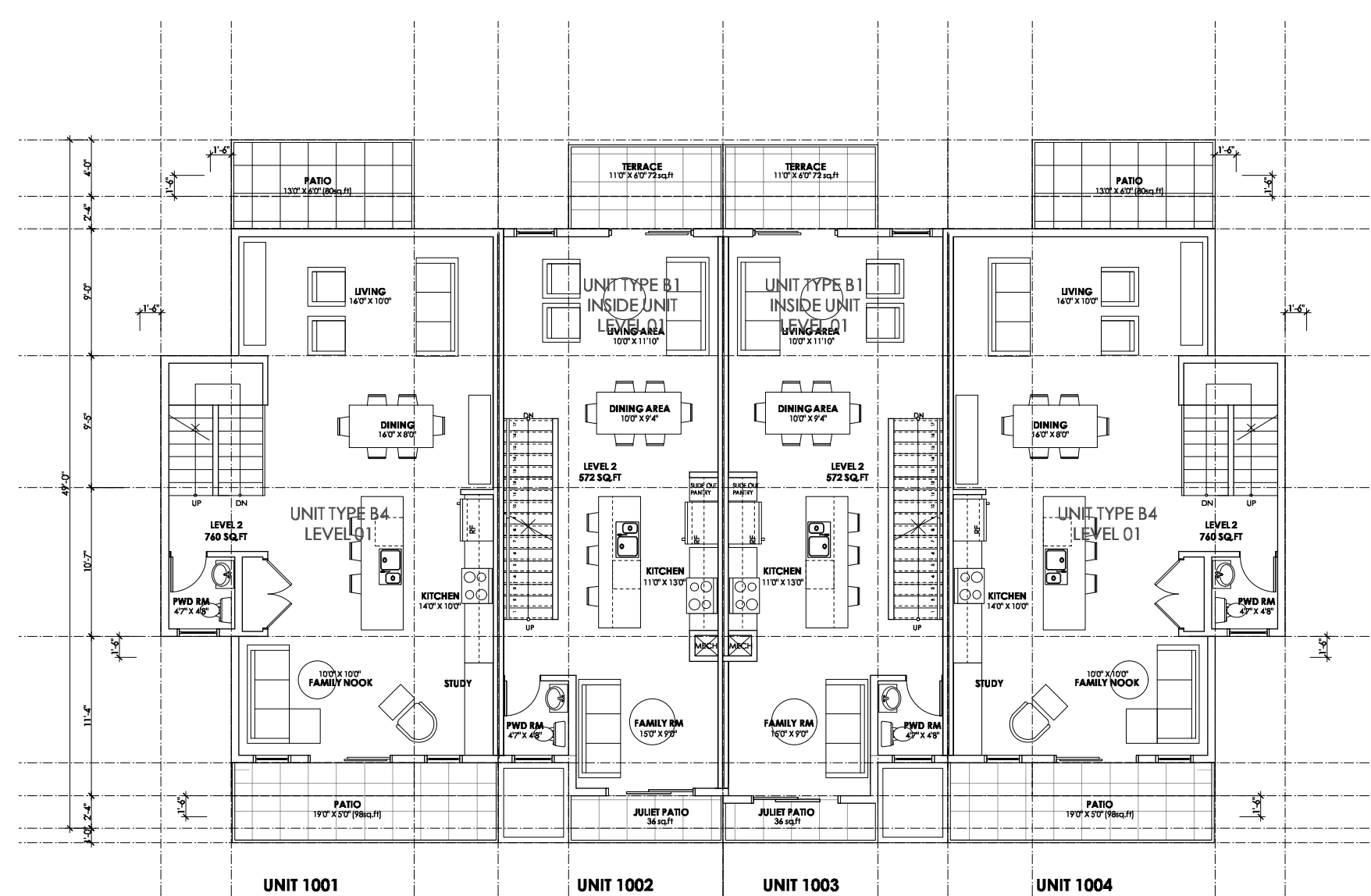


SCHEDULE A & B

This forms part of application
DP20-0017 & DVP20-0091

Planner Initials **AJ**

City of Kelowna
DEVELOPMENT PLANNING



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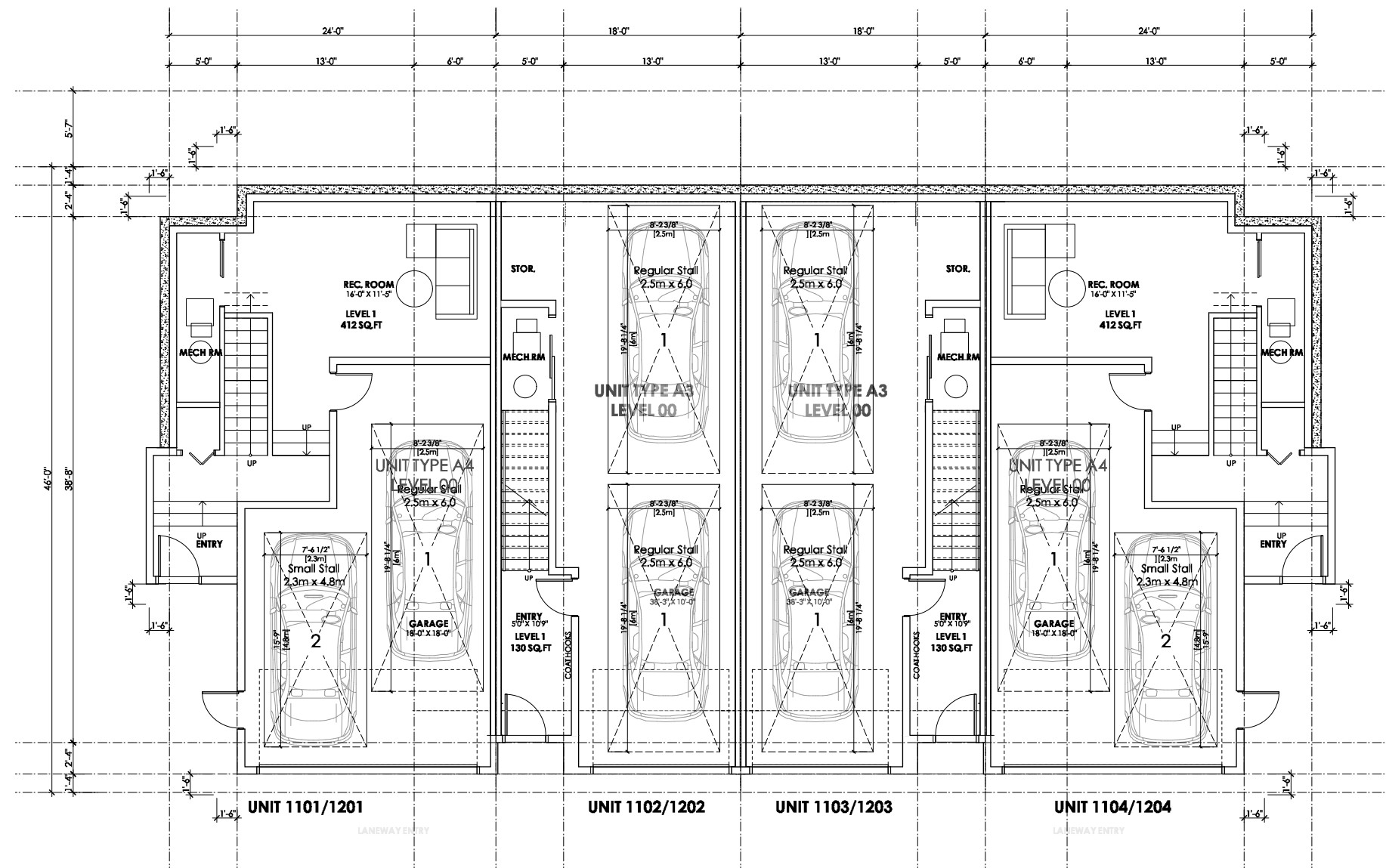
CARRINGTON HOMES

Knox Village - Lot #2
Kelowna BC

Building #10 Plans & Elevations

DATE 2020.02.26
SCALE AS NOTED
ISSUED FOR REV DP 20.03.30
PROJECT 19.757

A3.9



Building Areas 11/12

Bid 12 (11 the same) (4 units)					PRIVATE OPEN SPACE	
Unit 1101	Level 01	412 SF	38.3 m ²	0 SF	0.0 m ²	
3 Bedroom	Level 02	825 SF	76.4 m ²	213 SF	20.0 m ²	
	Level 03	895 SF	83.1 m ²	0 SF	0.0 m ²	
	Gross footprint level 1	792 SF	73.7 m ²	0 SF	0.0 m ²	
	Unit Area (1101/1201)	2132 SF	198.4 m ²	0 SF	0.0 m ²	
Unit 1102	Level 01	130 SF	12.1 m ²	0 SF	0.0 m ²	
3 Bedroom	Level 02	704 SF	65.4 m ²	144 SF	13.2 m ²	
	Level 03	754 SF	70.0 m ²	0 SF	0.0 m ²	
	Gross footprint level 1	740 SF	68.7 m ²	0 SF	0.0 m ²	
	Unit Area (1102/1202)	1588 SF	147.5 m ²	0 SF	0.0 m ²	
Unit 1103	Level 01	130 SF	12.1 m ²	0 SF	0.0 m ²	
3 Bedroom	Level 02	704 SF	65.4 m ²	144 SF	13.2 m ²	
	Level 03	754 SF	70.0 m ²	0 SF	0.0 m ²	
	Gross footprint level 1	740 SF	68.7 m ²	0 SF	0.0 m ²	
	Unit Area (1103/1203)	1588 SF	147.5 m ²	0 SF	0.0 m ²	
Unit 1104	Level 01	412 SF	38.3 m ²	0 SF	0.0 m ²	
3 Bedroom	Level 02	825 SF	76.4 m ²	213 SF	20.0 m ²	
	Level 03	895 SF	83.1 m ²	0 SF	0.0 m ²	
	Gross footprint level 1	792 SF	73.7 m ²	0 SF	0.0 m ²	
	Unit Area (1104/1204)	2132 SF	198.4 m ²	0 SF	0.0 m ²	
UNIT AREA SUBTOTAL		7440 SF	691.2 m ²	0 SF	0.0 m ²	
PRIVATE OPEN SPACE SUBTOTAL				798 SF	74.4 m ²	
SUBTOTAL GROSS AREA Level 1		3510 SF	325.6 m ²			
SUBTOTAL Building FAR total		7440 SF	691.2 m ²			
Covered parking, bike storage (not part of area)		0 SF	0.0 m ²			

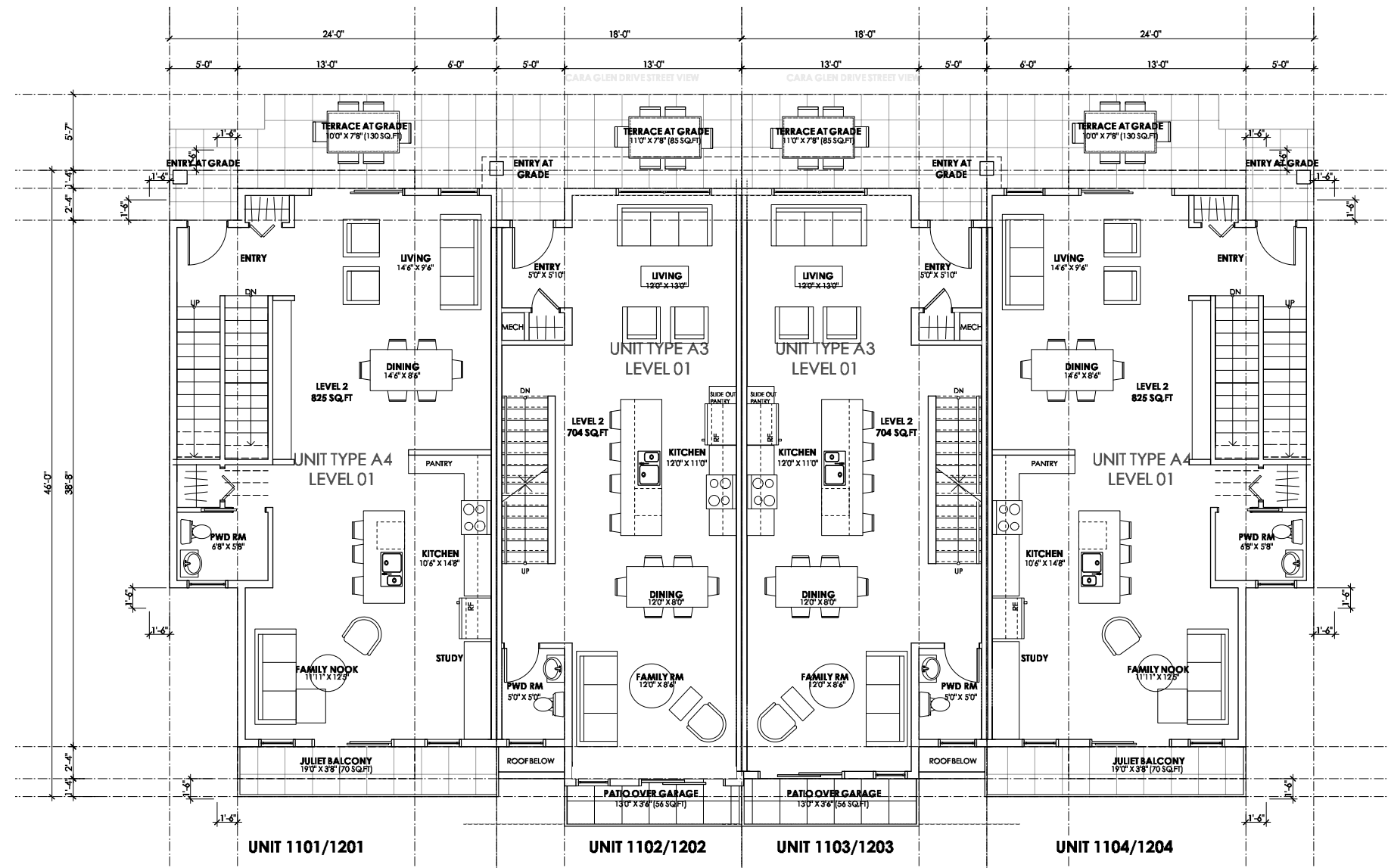
Material Board

1	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: VARIOUS COLOURS	8	PASCA BOARD AND SOFT HARVEST TRIM COL: IRON ORE (DARK GREY)
3	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: EARTHEN GREY	9	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: EARTHEN GREY
4.1	ACCENT COLOUR 1 HARDBOARD S/LAP SIDING COL: GLEAMING GREY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: WHITE HOUSE
4.2	ACCENT COLOUR 2 HARDBOARD S/LAP SIDING COL: COGNAL BLUE	11	DECORATIVE GRILLE COL: DARK GREY
4.3	ACCENT COLOUR 3 HARDBOARD S/LAP SIDING COL: COGNAL BLUE	12	GARAGE DOOR (W/OUT SITES) COL: GREY
4.4	ACCENT COLOUR 4 HARDBOARD S/LAP SIDING COL: COGNAL BLUE	13	ASPHALT SHINGLES COL: DARK GREY
4.5	ACCENT COLOUR 5 HARDBOARD S/LAP SIDING COL: COGNAL BLUE	14	METAL SKIDING SEMI AT: SHED ROOF COL: SILVER
4	BRICK VENEER CREAM/WHITE STONE COL: RAINCLOUD CRAFTSMAN	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE

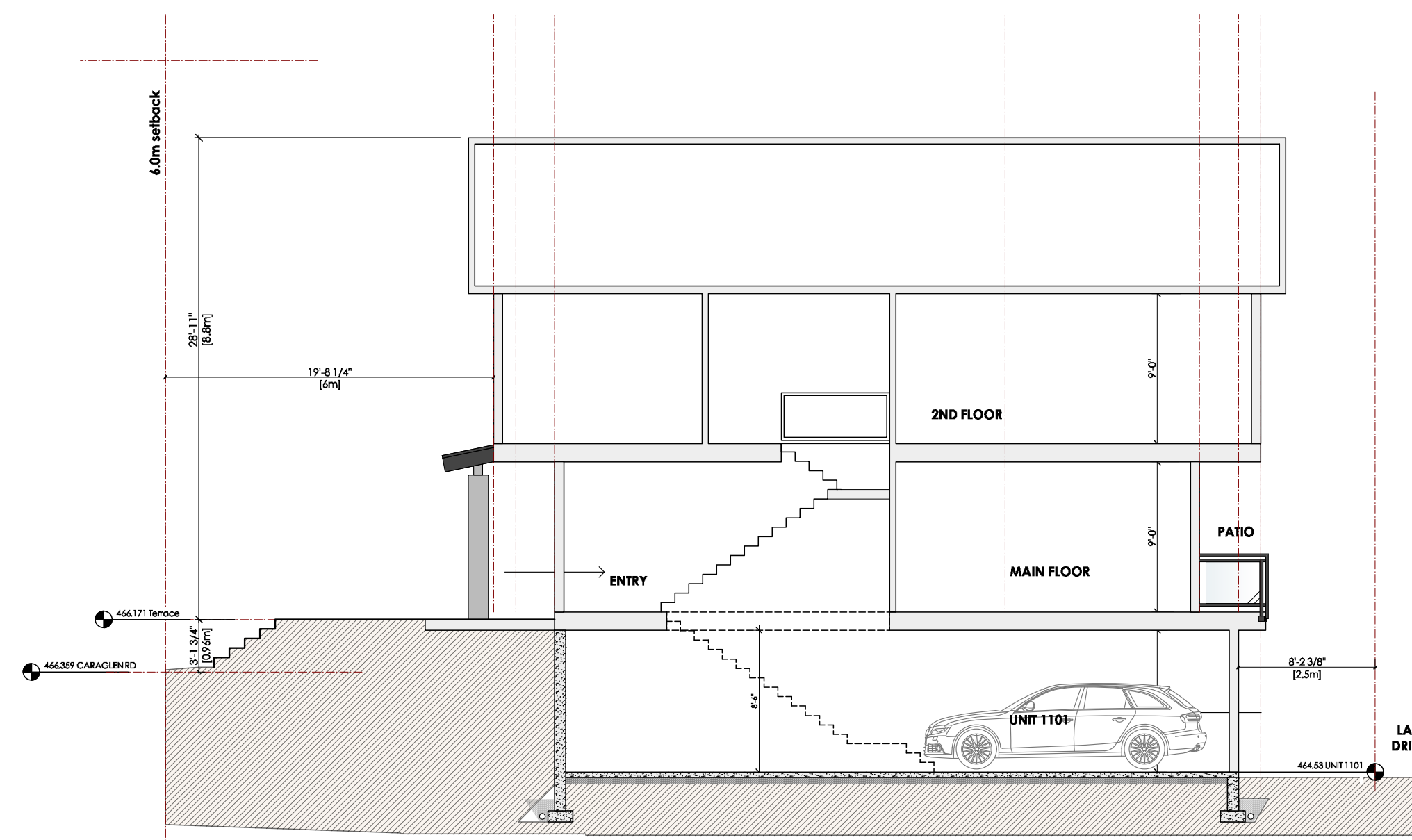


1 Building 11/12 - Lower Level
Scale 3/32" = 1'-0"

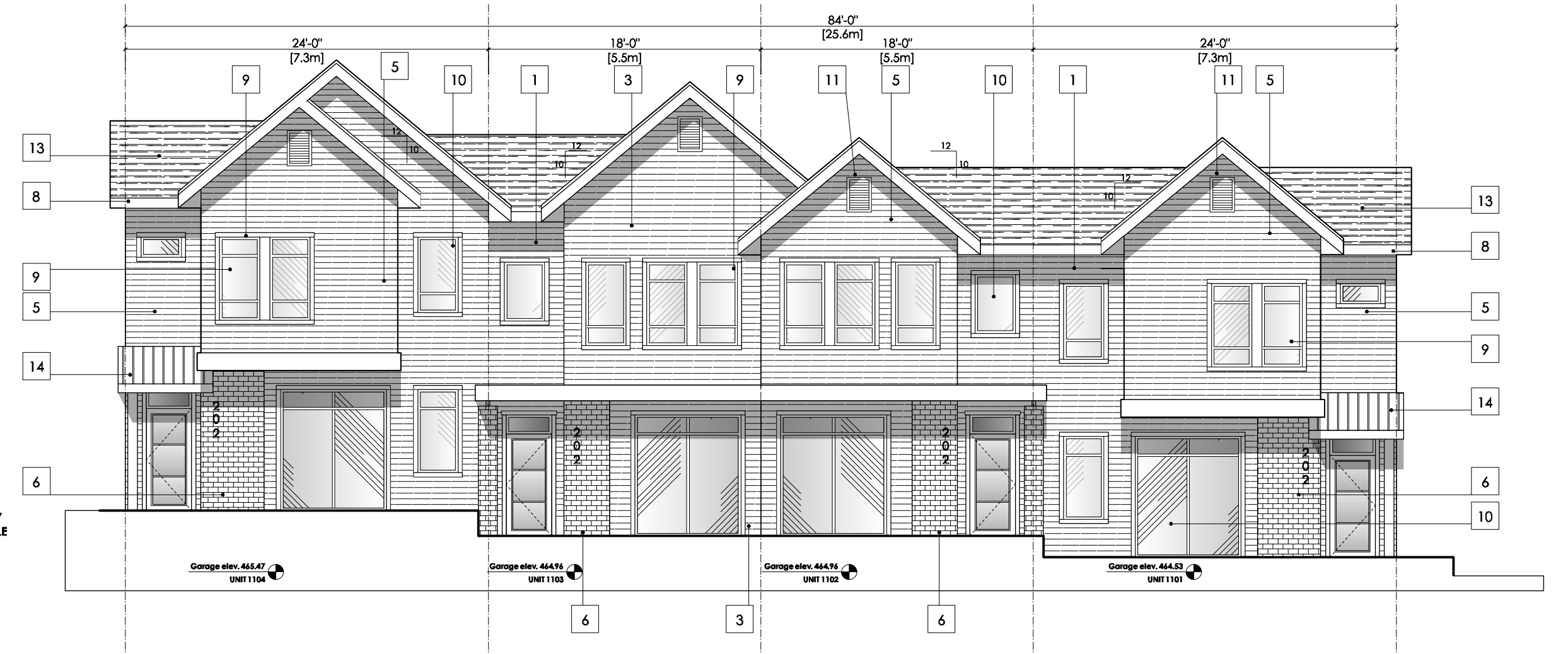
E-1 Building 11 - Lane Elevation
Scale 1/8" = 1'-0"



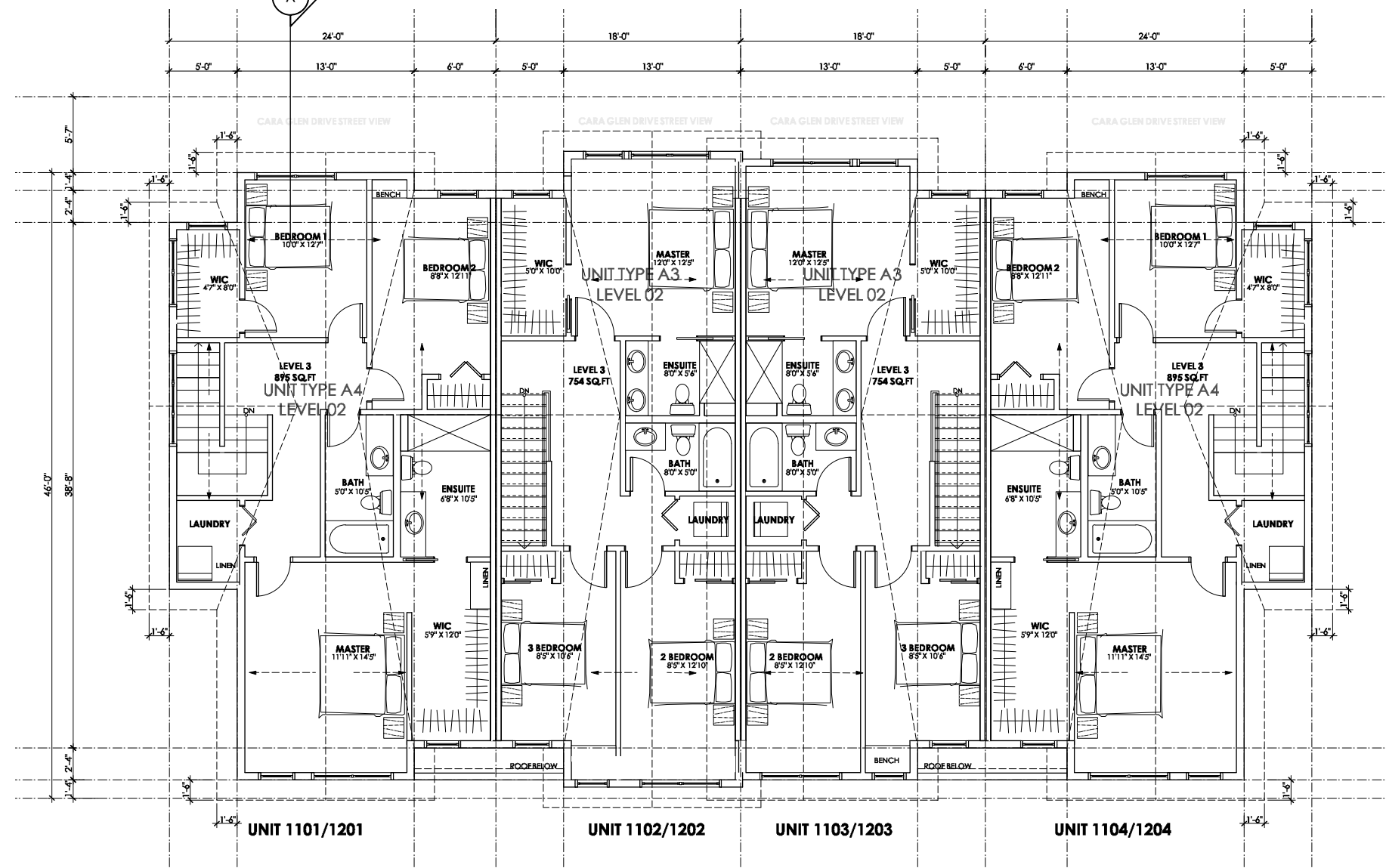
2 Building 11/12 - Main Level
Scale 3/32" = 1'-0"



A Building 11/12 - Building Section Similar to
Scale 1/8" = 1'-0"



E-2 Building 11 - CaraGlen Rd
Scale 1/8" = 1'-0"



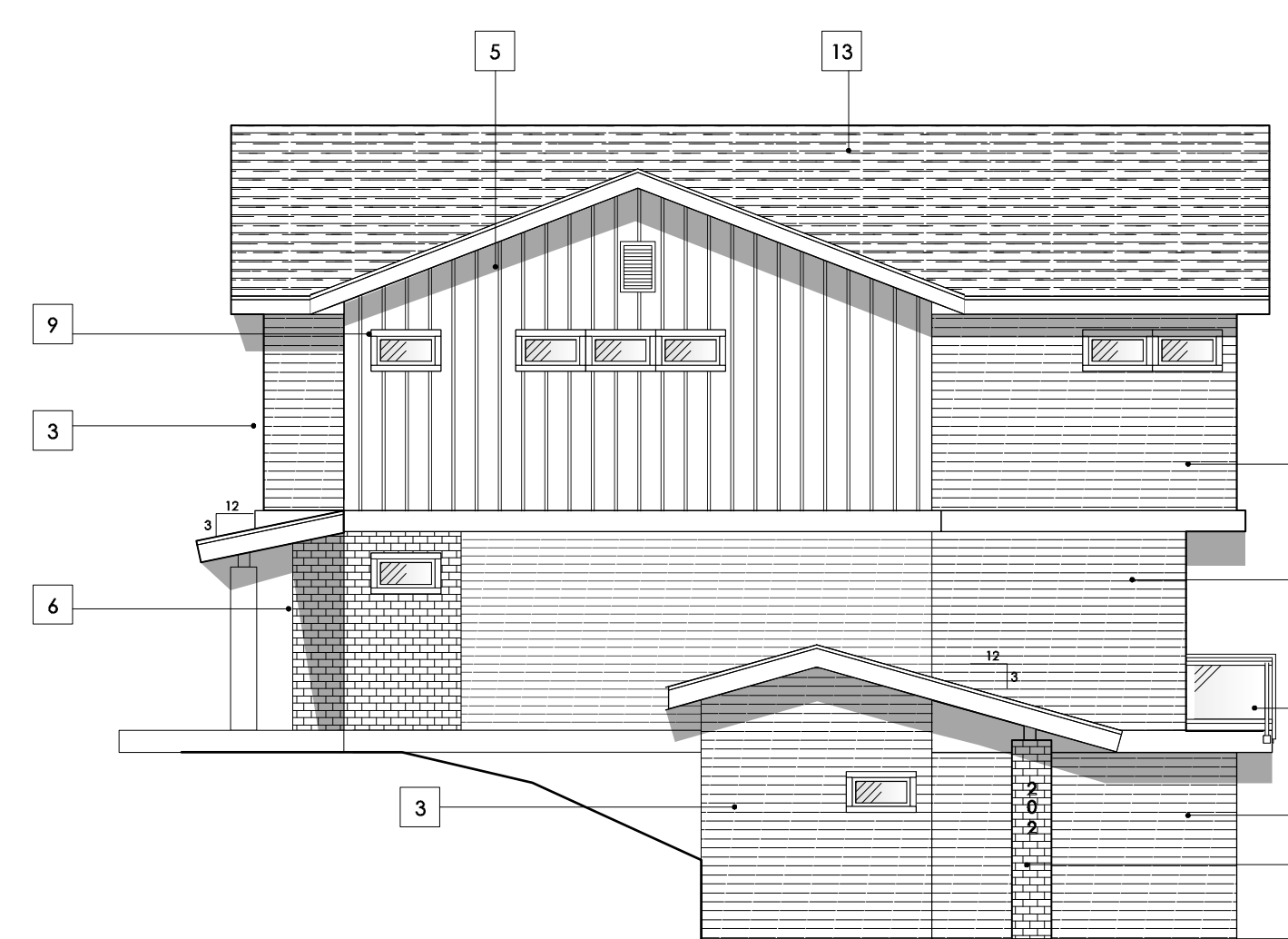
3 Building 11/12 - Upper Level
Scale 3/32" = 1'-0"

SCHEDULE A & B

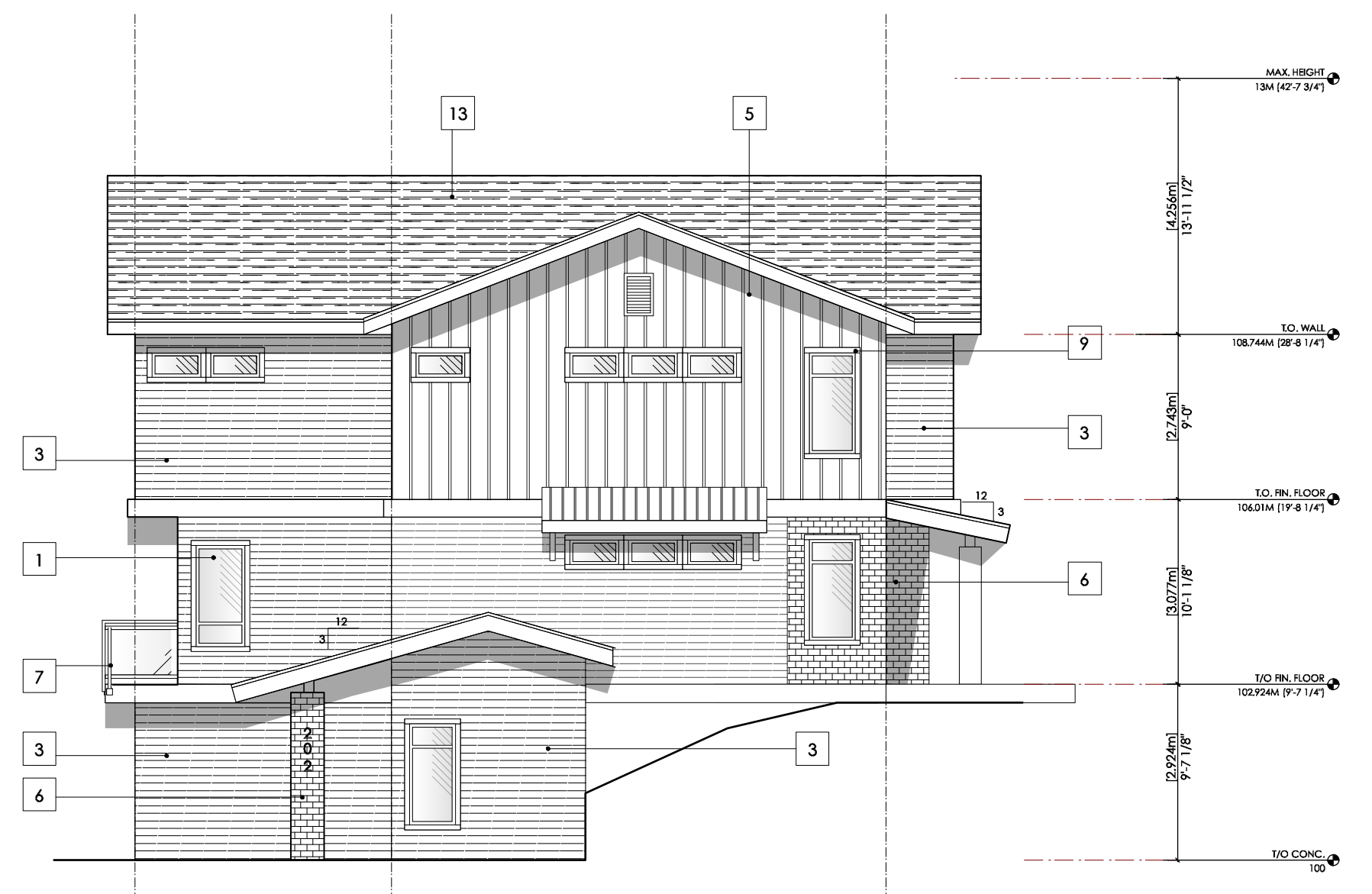
This forms part of application
DP20-0017 & DVP20-009

Planner Initials **AJ**

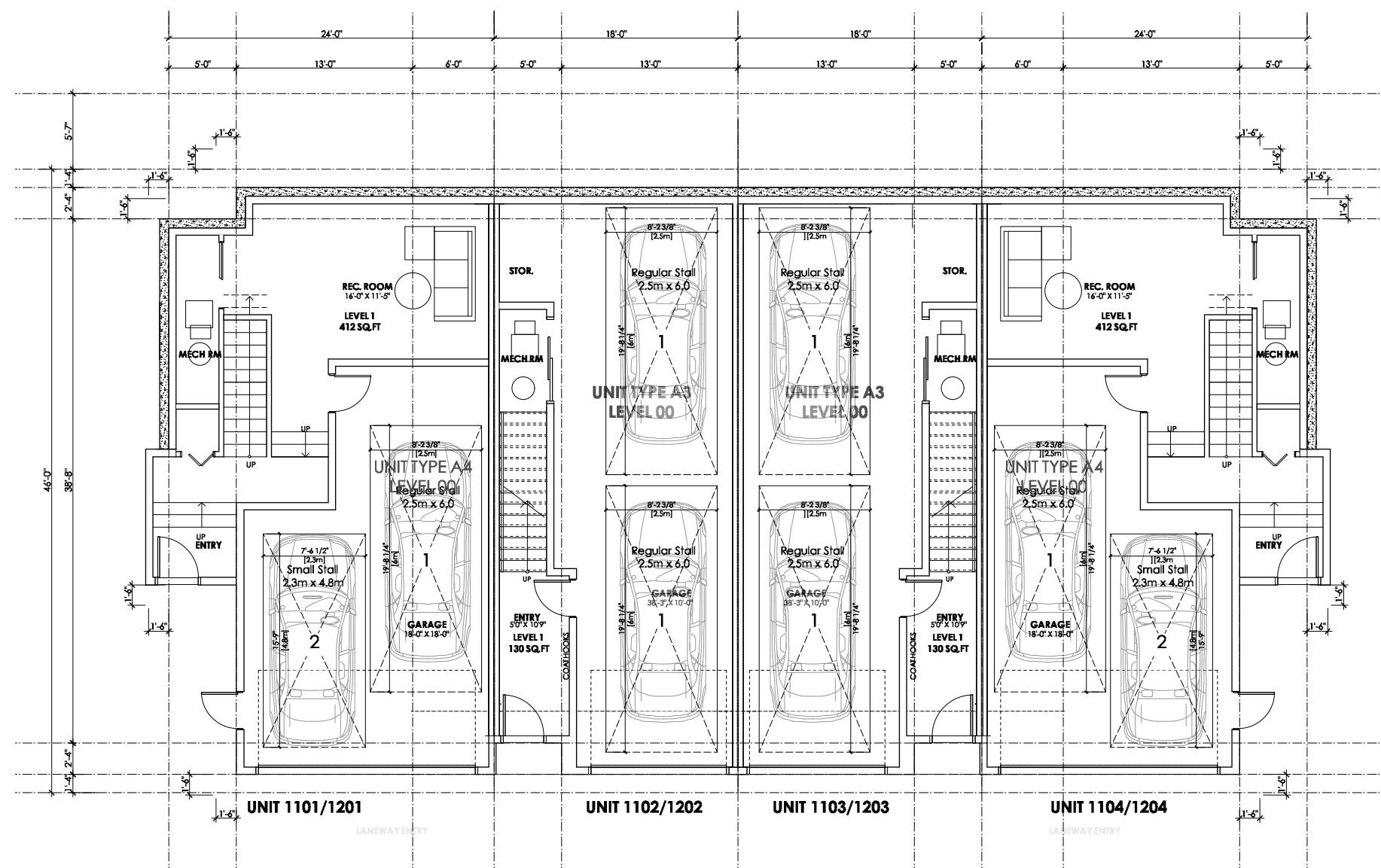
City of Kelowna
DEVELOPMENT PLANNING



E-4 Building 11 - Side Elevation None Street View
Scale 1/8" = 1'-0"



E-3 Building 11 - Side Elevation Street View
Scale 1/8" = 1'-0"



Building Areas 11/12

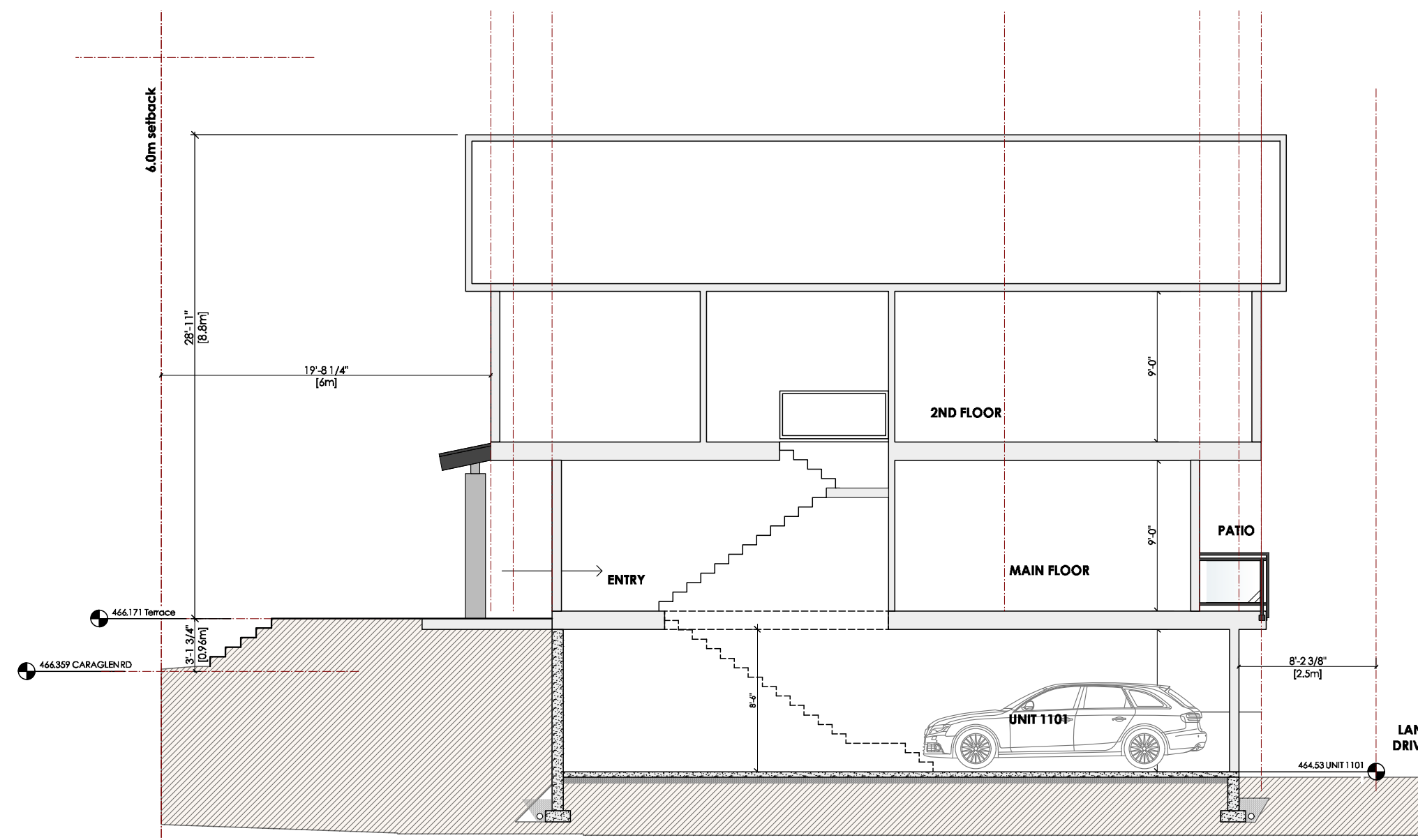
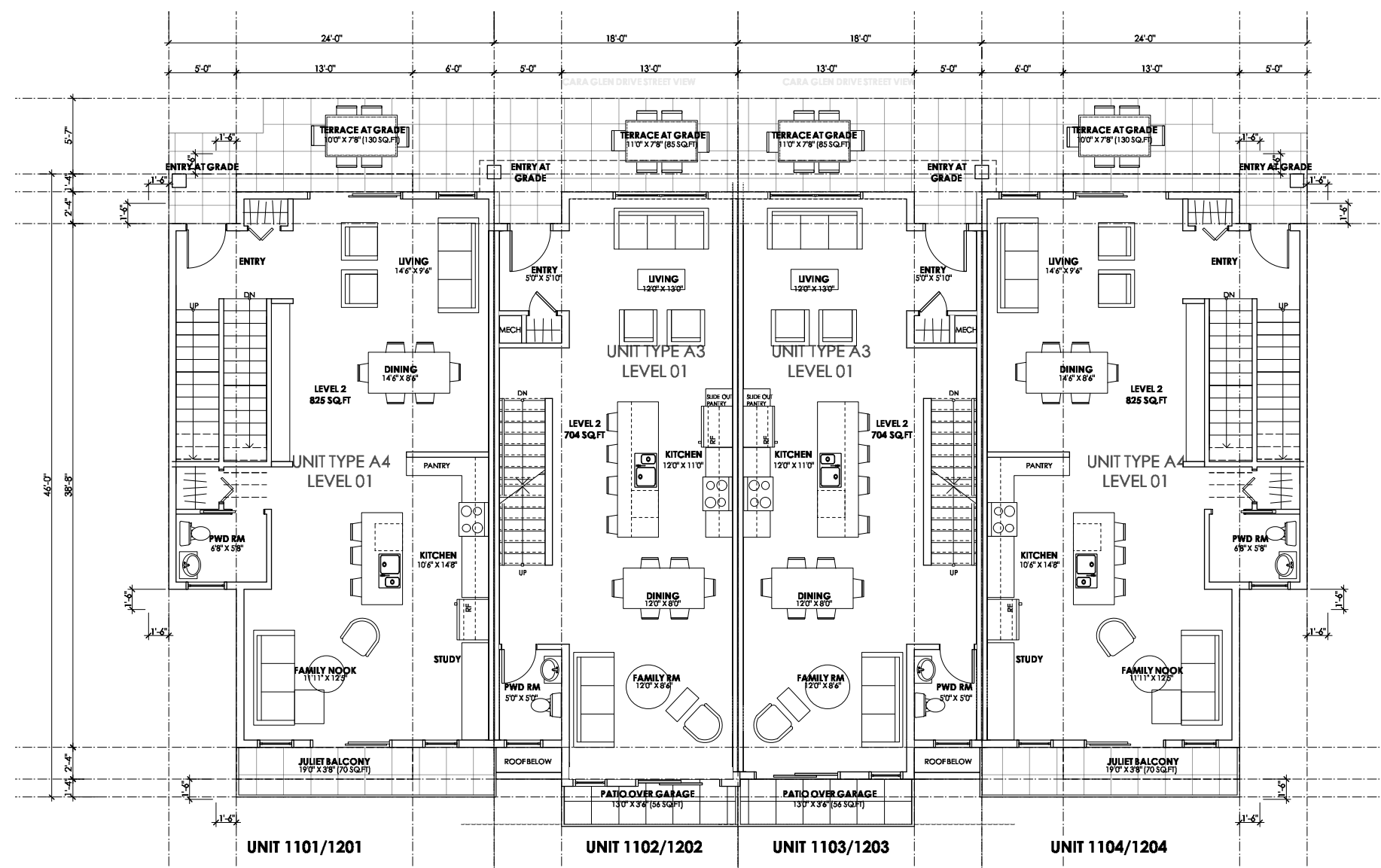
Bid 12 (11 the same) (4 units)					PRIVATE OPEN SPACE	
Unit 1101	Level 01	412 SF	38.3 m ²		0 SF	0.0 m ²
3 Bedroom	Level 02	825 SF	76.6 m ²		213 SF	20.0 m ²
	Level 03	895 SF	83.1 m ²		0 SF	0.0 m ²
	Gross Subtotal Level 1	2132 SF	198.0 m ²		0 SF	0.0 m ²
Unit 1102	Level 01	130 SF	12.1 m ²		0 SF	0.0 m ²
3 Bedroom	Level 02	704 SF	65.4 m ²		144 SF	13.2 m ²
	Level 03	754 SF	70.0 m ²		0 SF	0.0 m ²
	Gross Subtotal Level 1	1588 SF	147.5 m ²		0 SF	0.0 m ²
Unit 1103	Level 01	130 SF	12.1 m ²		0 SF	0.0 m ²
3 Bedroom	Level 02	704 SF	65.4 m ²		144 SF	13.2 m ²
	Level 03	754 SF	70.0 m ²		0 SF	0.0 m ²
	Gross Subtotal Level 1	1588 SF	147.5 m ²		0 SF	0.0 m ²
Unit 1104	Level 01	412 SF	38.3 m ²		0 SF	0.0 m ²
3 Bedroom	Level 02	825 SF	76.6 m ²		213 SF	20.0 m ²
	Level 03	895 SF	83.1 m ²		0 SF	0.0 m ²
	Gross Subtotal Level 1	2132 SF	198.0 m ²		0 SF	0.0 m ²
	Level 03	754 SF	70.0 m ²		0 SF	0.0 m ²
	Gross Subtotal Level 1	1588 SF	147.5 m ²		0 SF	0.0 m ²
UNIT AREA SUBTOTAL		7440 SF	691.2 m ²		0 SF	0.0 m ²
SUBTOTAL GROSS AREA Level 1		3510 SF	325.8 m ²		788 SF	73.4 m ²
SUBTOTAL Building FAR total		7440 SF	691.2 m ²		0 SF	0.0 m ²
Covered parking, bike storage (not part of area)		0 SF	0.0 m ²		0 SF	0.0 m ²

Material Board

1	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: VARIOUS COLOURS	8	PASCA BOARD AND SOFT HARVEST TRIM COL: IRON ORE (DARK GREY)
3	HARDBOARD S/LAP SIDING SMOOTH FINISH COL: EARTHEN GREY	9	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: EARTHEN GREY
4.1	ACCENT COLOUR 1 HARDBOARD S/LAP SIDING COL: GLEAMING GREY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARVEST TRIM COL: WHITE ROSE
4.2	ACCENT COLOUR 2 HARDBOARD S/LAP SIDING COL: COGNAC BLUE	11	DECORATIVE GRILLE COL: DARK GREY
4.3	ACCENT COLOUR 3 HARDBOARD S/LAP SIDING COL: BAYOU BLUE	12	GARAGE DOOR (W/OUT SITES) COL: GREY
4.4	ACCENT COLOUR 4 HARDBOARD S/LAP SIDING COL: COPPER PEARL	13	ASPHALT SHINGLES COL: DARK BLUE
4.5	ACCENT COLOUR 5 HARDBOARD S/LAP SIDING COL: REDWOOD STREET	14	METAL SHINGLES COL: SILVER
4	BRICK VENEER CREAM/WHITE STONE BRICK: HARRINGTON STONE COL: RAINCLOUD CRAFTSMAN	15	FLAT ROOF ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



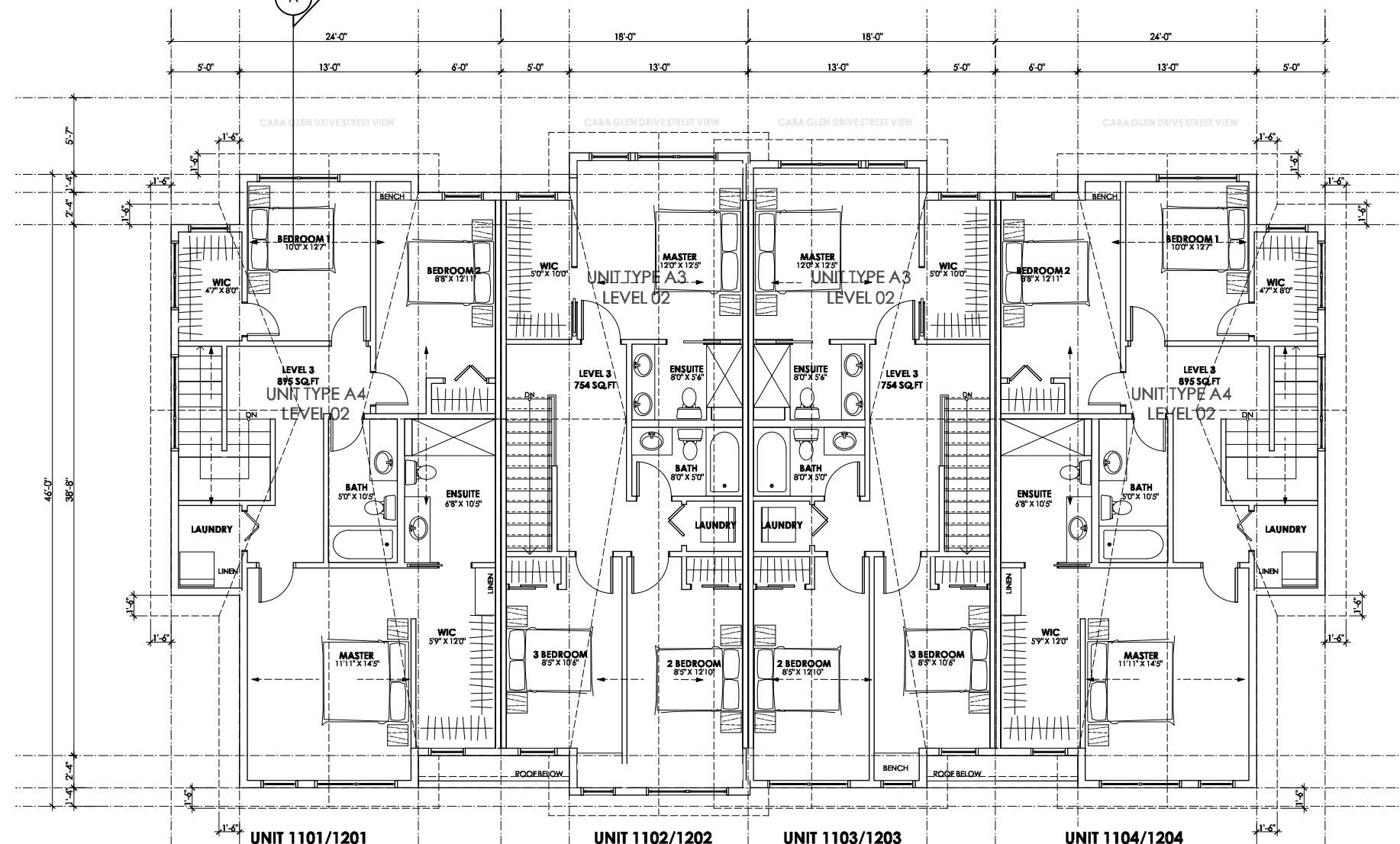
E-1 Building 12 - Lane Elevation
Scale 1/8" = 1'-0"



A Building 11/12 - Building Section Similar to
Scale 1/8" = 1'-0"



E-2 Building 12 - CaraGlen Rd
Scale 1/8" = 1'-0"



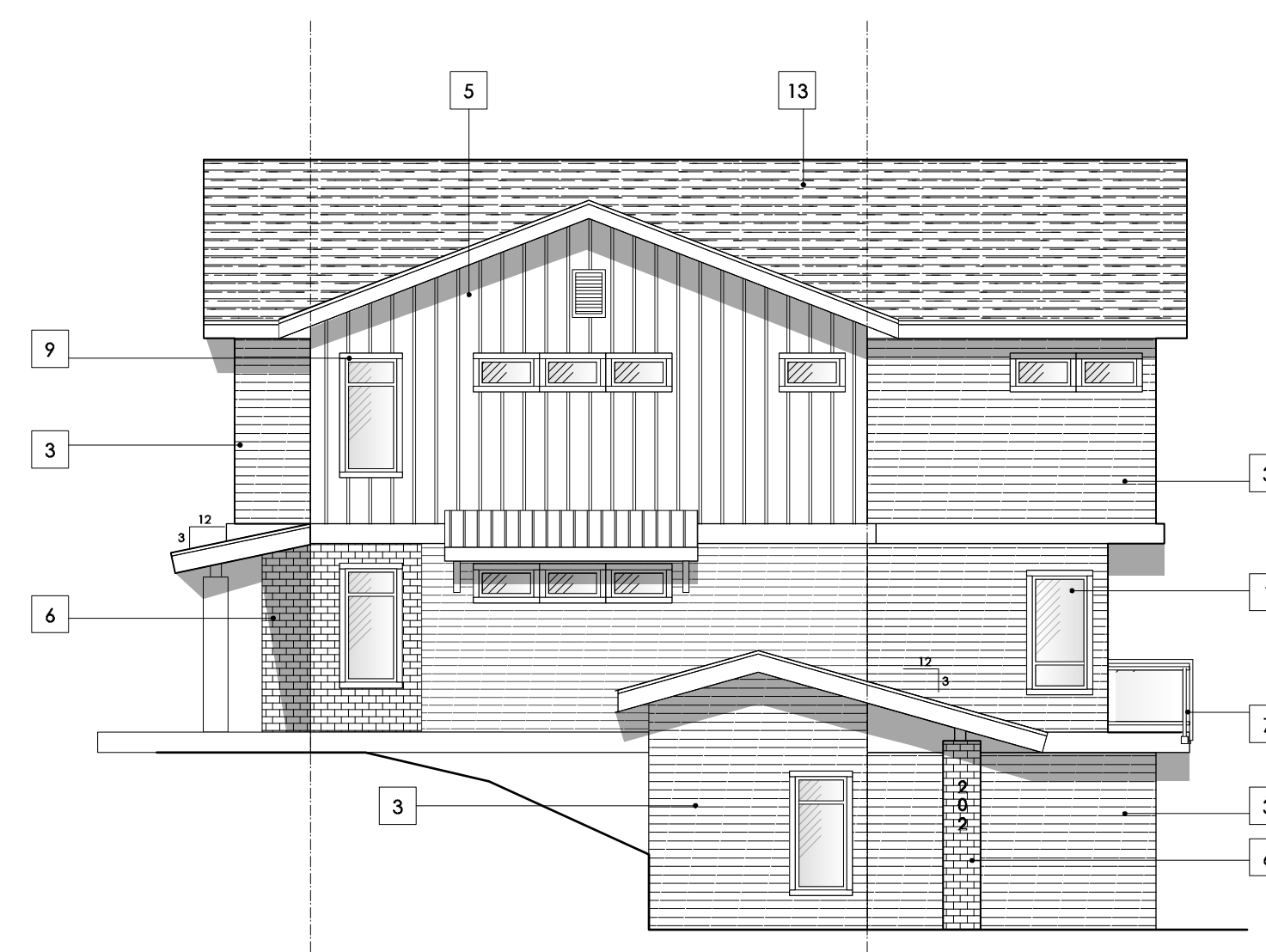
SCHEDULE

This forms part of application
DP20-0017 & DVP20-009

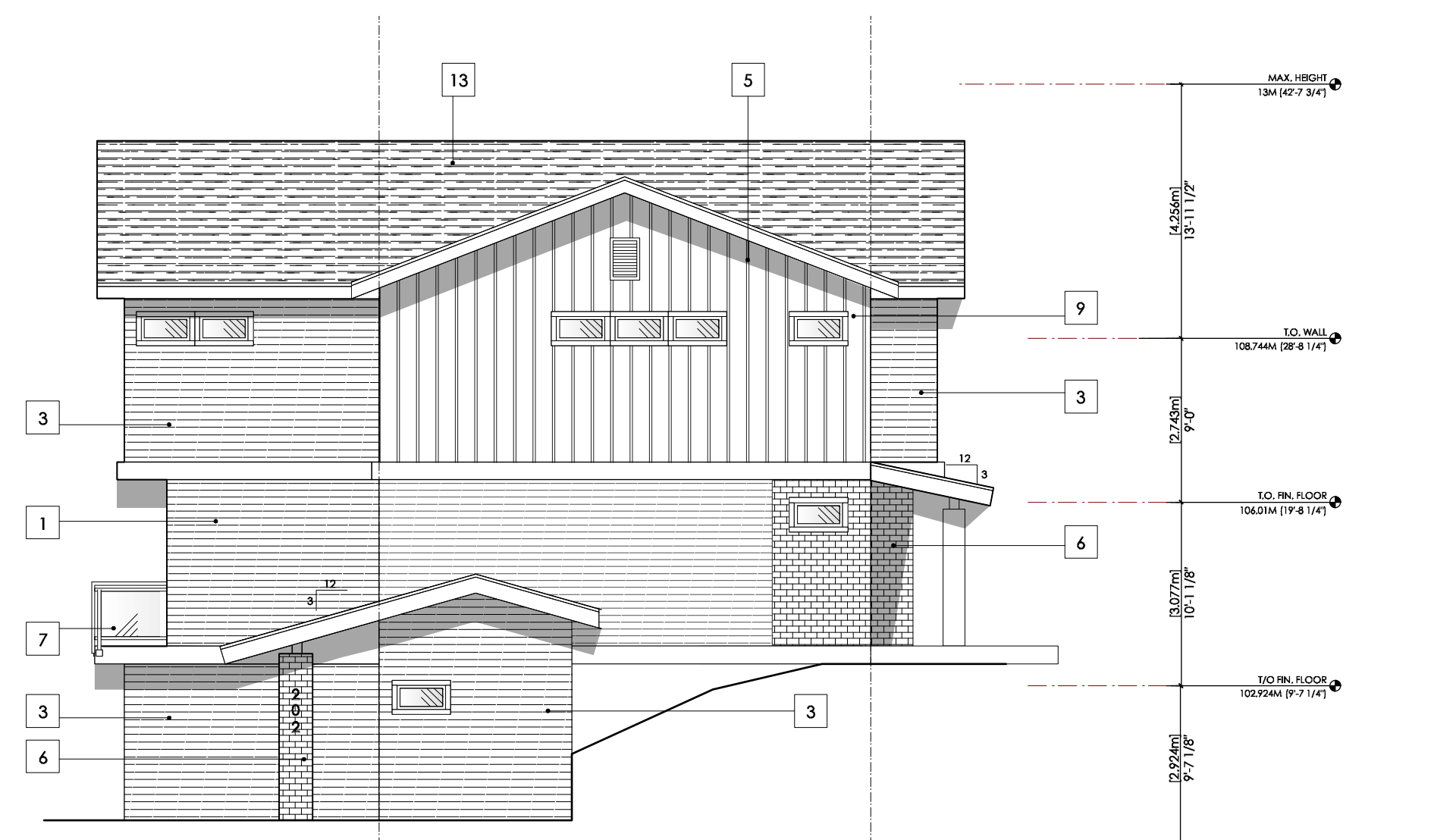
Planner Initials **AJ**

A & B

City of Kelowna
DEVELOPMENT PLANNING



E-4 Building 12 - Side Elevation None Street View
Scale 1/8" = 1'-0"



E-3 Building 12 - Side Elevation Street View
Scale 1/8" = 1'-0"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

1 Lane 4 North View Bld. 11/12
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

4 BLD. 11 LANE 3 ELEVATION
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

2 CaraGlen Rd - Street Elevation (South View)
Scale 3/32"

SCHEDULE

B

This forms part of application
DP20-0017 & DVP20-0091

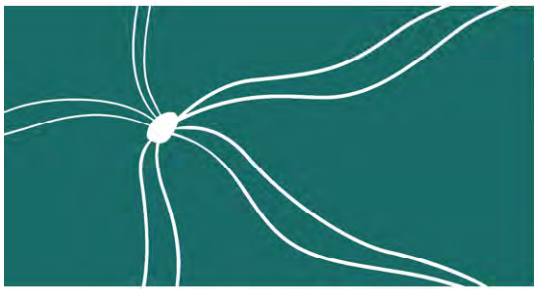
Planner
Initials **AJ**


City of
Kelowna
DEVELOPMENT PLANNING



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

3 CaraGlen Rd - Street Elevation (East View)
Scale 3/32"



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P | 250.374.1112 F | 250.374.2279



**CARRINGTON
HOMES**

Knox Village - Lot #2
Kelowna BC

Building & Site Elevations
Building 11/12

DATE 2020.02.26
SCALE 3/32" = 1'-0"
ISSUED FOR REV DP
PROJECT 19.757

A4.0



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

1 Lane 4 South View Bld. 9/10
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

2 Green Space Elevation -
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

3 Lane 5 North View Bld. 7/8
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

4 BLD. 9 LANE 3 ELEVATION
Scale 3/32"

SCHEDULE

B

This forms part of application

DP20-0017 & DVP20-009

Planner Initials

AJ

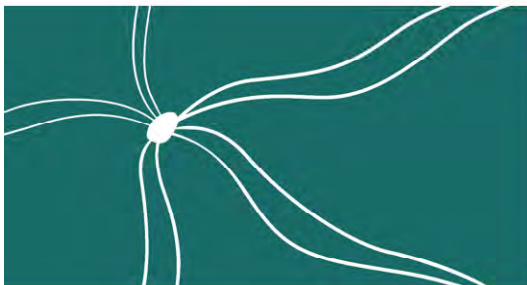
City of Kelowna

DEVELOPMENT PLANNING



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

5 BLD. 8 LANE 3 ELEVATION
Scale 3/32"



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CARRINGTON
HOMES

Knox Village - Lot #2
Kelowna BC

Building & Site Elevations
Building 9/10/7/8

DATE 2020.02.26
SCALE 3/32" = 1'-0"
ISSUED FOR REV DP
PROJECT 19.757

A4.1



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

1 Green Space Elevation -
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

2 Lane 5 South View Bld. 6 & 5
Scale 3/32"



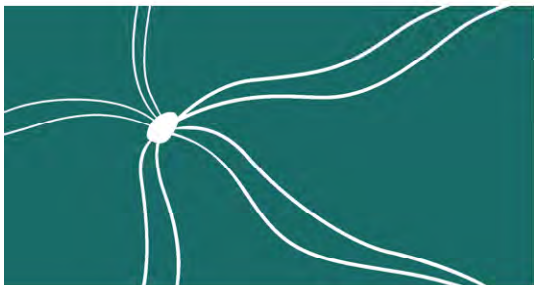
Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

3 BLD. 5 LANE 3 ELEVATION
Scale 3/32"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

3 Green Space Elevation -
Scale 3/32"



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P | 250.374.1112 F | 250.374.2279



CARRINGTON
HOMES

Knox Village - Lot #2
Kelowna BC

Building & Site Elevations
Building 6/5

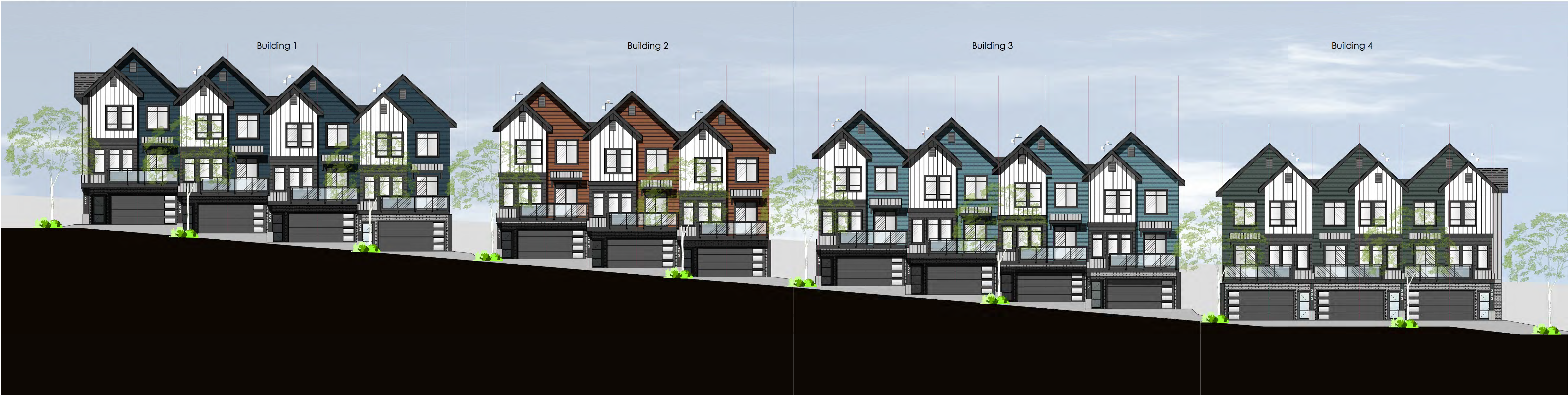
DATE 2020.02.26
SCALE 3/32" = 1'-0"
ISSUED FOR REV DP
PROJECT 19.757

A4.2



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

1 Cliffon Rd Elevation
Scale 3/32" = 1'-0"



Note: Exterior colours may vary pending exterior scheme option (1-4). See A5.0 Material Scheme Board.

2 Lane way - Bld 1/2/3/4
Scale 3/32" = 1'-0"

SCHEDULE

B

This forms part of application

DP20-0017 & DVP20-009

Planner Initials

AJ

City of Kelowna

DEVELOPMENT PLANNING



1 Light Blue Accent Colour Scheme
Scale: NTS



2 Rust Accent Colour Scheme
Scale: NTS

Material Colour Schedule

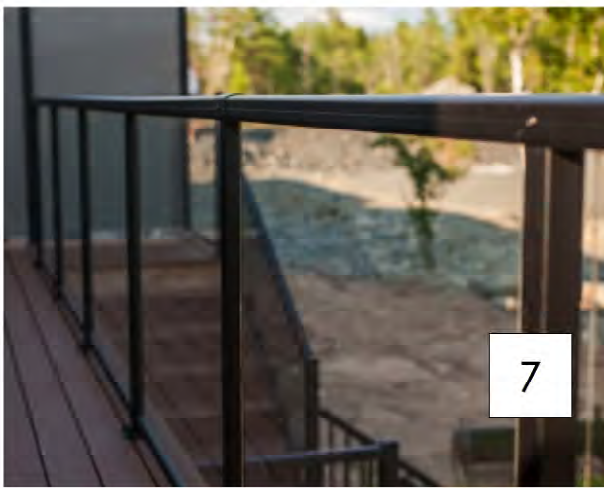
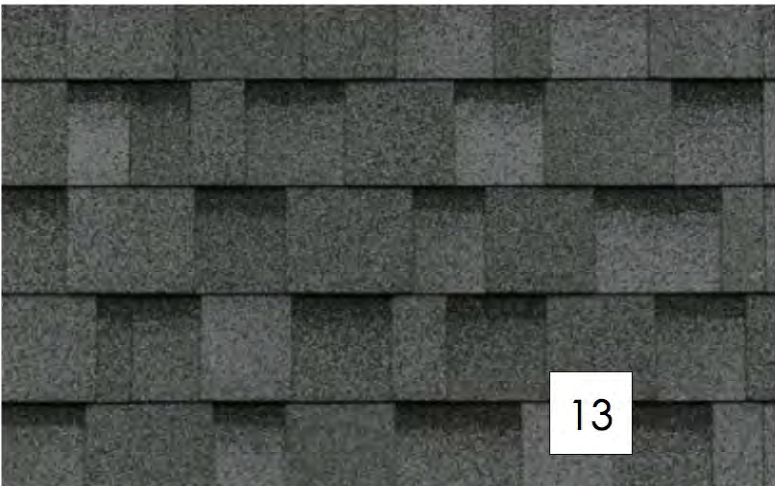
1	HARDIE BOARD 5" LAP SIDING SMOOTH FINISH COL: WHITE HOUSE	7	ALUMINUM RAILING W/ GLASS COL: IRON ORE (DARK GREY)
2	HARDIE BOARD & BATTEN COL: WHITE HOUSE	8	FASCIA BOARD AND SOFFIT HARDIE TRIM COL: IRON ORE (DARK GREY)
3	HARDIE BOARD 5" LAP SIDING SMOOTH FINISH COL: EARTHEN GRAY	9	VINYL RESIDENTIAL WINDOWS COL: BLACK WINDOW TRIM: HARDIE TRIM COL: EARTHEN GRAY
5.1	ACCENT COLOUR 1: HARDIE BOARD 5" LAP SIDING COL: GLEAMING GRAY	10	VINYL RESIDENTIAL WINDOWS COL: WHITE WINDOW TRIM: HARDIE TRIM COL: WHITE HOUSE
5.2	ACCENT COLOUR 2: HARDIE BOARD 5" LAP SIDING COL: COLONIAL BLUE	11	DECORATIVE GRILLE COL: DARK GREY
5.3	ACCENT COLOUR 3: HARDIE BOARD 5" LAP SIDING COL: BAYOU BLUE	12	GARAGE DOOR (VARIOUS SIZES) COL: GREY
5.4	ACCENT COLOUR 4: HARDIE BOARD 5" LAP SIDING COL: COPPER PENNY	13	ASPHALT SHINGLES COL: DARK GREY
5.5	ACCENT COLOUR 4: HARDIE BOARD 5" LAP SIDING COL: TREELINED STREET	14	METAL STANDING SEAM AT SHED ROOF COL: SILVER
6	BRICK VENEER CREATIVE MINES STONE BRICK WAREHOUSE STONE COL: RAINCLOUD CRAFT BRICK	15	FLAT ROOF AT ENTRY
		16	ACCENT LIGHTING
		17	CONCRETE BASE



3 Green Accent Colour Scheme
Scale: NTS



4 Blue Accent Colour Scheme
Scale: NTS





OFFSITE DECIDUOUS TREE PLANTING, BY OTHERS (TYP.)

TURF BOULEVARD, BY OTHERS (TYP.)

SMALL DECIDUOUS TREE PLANTING (SYRINGA RETICULATA 'IVORY SILK') (TYP.)

CLIFTON ROAD

BUILDING 1

BUILDING 2

BUILDING 3

BUILDING 4

OPEN COMMUNAL LAWN SPACE

BIKE RACK (5 STALLS)

FUTURE BUILDING

6000 FRONT YARD

BUILDING 11

BUILDING 9

BUILDING 8

BUILDING 5

BUILDING 6

BUILDING 12

BUILDING 10

BUILDING 7

CONCRETE PAVING (TYP.)

PRIVACY SCREEN (TYP.)

CONCRETE STAIRS (TYP.)

4500 SIDE YARD

CARA GLEN WAY (MAIN MUNICIPAL ROAD)

DECORATIVE SHRUB, PERENNIAL, & ORNAMENTAL GRASS PLANTINGS (TYP.)

COLUMNAR DECIDUOUS TREE PLANTING (CARPINUS CAROLINIANA 'CCSQU') (TYP.)

RAISED PLANTER (TYP.)

DECIDUOUS SHADE TREE PLANTING (ACER X FREMANII 'JEFFERSRED') (TYP.)

BIKE RACK (2 STALLS) (TYP. OF 2)

BENCH (TYP.)

TURF AREA (TYP.)

TEMPORARY DRYLAND SEED TREATMENT, TO BE REMOVED UPON CONSTRUCTION OF A FUTURE PHASE

7500 REAR YARD

9000 REAR YARD

SCHEDULE C

This forms part of application

DP20-0017 & DVP20-009

Planner Initials

AJ

City of

Kelowna

DEVELOPMENT PLANNING



OUTLAND DESIGN
LANDSCAPE ARCHITECTURE

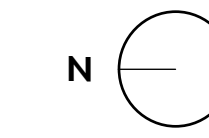
303-590 KLO Road
Kelowna, BC V1Y 7S2
T (250) 868-9270
www.outlanddesign.ca

NOTES

1. PLANT MATERIAL AND CONSTRUCTION METHODS SHALL MEET OR EXCEED THE CANADIAN LANDSCAPE STANDARD.
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 WOOD MULCH. DO NO PLACE WEED MAT UNDERNEATH TREE AND SHRUB BEDS.
4. TREE AND SHRUB BEDS TO RECEIVE A MINIMUM 300mm DEPTH TOPSOIL PLACEMENT.
5. TURF AREAS 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 100mm 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.

PLANT LIST

BOTANICAL NAME	COMMON NAME	QTY	SIZE/SPACING & REMARKS
TREES			
ACER X FREEMANII 'JEFFERSRED'	AUTUMN BLAZE MAPLE	7	6cm CAL.
CARPINUS CAROLINIANA 'CCSQU'	PALISADE AMERICAN HORNBEAM	35	6cm CAL.
SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK TREE LILAC	10	6cm CAL.
SHRUBS			
CORNUS ALBA 'BAIHALO'	IVORY HALO DOGWOOD	65	#02 CONT. /1.5M O.C. SPACING
COTINUS COGGYGRIA 'NCC01' USPPAF	WINECRAFT BLACK SMOKEBUSH	65	#02 CONT. /1.5M O.C. SPACING
EUONYMUS ALATUS 'SELECT'	FIRE BALL BURNING BUSH	104	#02 CONT. /1.25M O.C. SPACING
JUNIPERUS SABINA 'MONNA'	CALGARY CARPET JUNIPER	104	#02 CONT. /1.25M O.C. SPACING
PHILADELPHUS 'SNOWBELLE'	SNOWBELLE MOCKORANGE	148	#01 CONT. /1.0M O.C. SPACING
SAULX INTEGR A 'FLAMINGO'	FLAMINGO WILLOW	37	#02 CONT. /2.0M O.C. SPACING
SPIRAEA BUMALDA 'FROEBELII'	FROEBEL SPIREA	104	#02 CONT. /1.25M O.C. SPACING
SYRINGA X 'BAIUBELLE' PP12294	TINKERBELL LILAC	148	#01 CONT. /1.0M O.C. SPACING
ROSA 'OSO EASY' PAPIKA	PAPIKA ROSE	106	#01 CONT. /0.75M O.C. SPACING
PICEA PUNGENS 'GLOBOSA'	DWARF GLOBE BLUE SPRUCE	37	#02 CONT. /2.0M O.C. SPACING
PERENNIALS & GRASSES			
ACHILLEA 'GOLD PLATE'	GOLD PLATE YARROW	164	#01 CONT. /0.6M O.C. SPACING
ALCHEMILLA MOLLIS	LADY'S MANTLE	164	#01 CONT. /0.6M O.C. SPACING
ASTER FRIKARTII 'MONCH'	FRIKART'S ASTER	106	#01 CONT. /0.75M O.C. SPACING
CALAMAGROSTIS ACUTIFLORA 'OVERDAM'	OVERDAM FEATHER REED GRASS	106	#01 CONT. /0.75M O.C. SPACING
ECHINACEA BIG SKY 'TWILIGHT'	TWILIGHT CONEFLOWER	106	#01 CONT. /0.75M O.C. SPACING
HEMEROCALLIS 'RUBY STELLA'	RUBY STELLA DAYLILY	164	#01 CONT. /0.6M O.C. SPACING
HOSTA 'NORTHERN EXPOSURE'	NORTHERN EXPOSURE HOSTA	59	#01 CONT. /1.0M O.C. SPACING
IRIS GERMANICA 'LIVE MUSIC'	PEACH BEARDED IRIS	164	#01 CONT. /0.6M O.C. SPACING
NERPETA X FFASENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	164	#01 CONT. /0.6M O.C. SPACING
PENSTEMON BARBATUS 'PURPLE HAZE'	PURPLE HAZE BEARD TONGUE	164	#01 CONT. /0.6M O.C. SPACING
PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS	59	#01 CONT. /1.0M O.C. SPACING
RUBRICKIA OCCIDENTALIS 'GREEN WIZARD'	GREEN WIZARD CONEFLOWER	164	#01 CONT. /0.6M O.C. SPACING
SEDUM 'FIRECRACKER'	FIRECRACKER STONECROP	164	#01 CONT. /0.6M O.C. SPACING
MISCANTHUS SINENSIS 'HURON SUNRISE'	HURON SUNRISE MAIDEN GRASS	41	#02 CONT. /1.2M O.C. SPACING



PROJECT TITLE

KNOX VILLAGE
550 & 510 CLIFTON ROAD

Kelowna, BC

DRAWING TITLE

CONCEPTUAL
LANDSCAPE PLAN

ISSUED FOR / REVISION

1	19.12.18	Development Permit
2	20.02.26	Development Permit Revision
3	20.03.31	Development Permit Revision
4	20.04.28	Development Permit Revision
5		

PROJECT NO. 19-116

DESIGN BY FB

DRAWN BY NG

CHECKED BY FB

DATE APR. 28, 2020

SCALE 1:250

SEAL



L1/2

ISSUED FOR REVIEW ONLY
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DEVELOPMENT PERMIT GUIDELINES

Comprehensive Development Permit Area

Consideration has been given to the following guidelines as identified in Section 14.A. of the City of Kelowna Official Community Plan relating to Comprehensive Development Permit Areas:

COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Authenticity and Regional Expression			
Do landscaping and building form convey a character that is distinct to Kelowna and the Central Okanagan?	✓		
Are materials in keeping with the character of the region?	✓		
Are colours used common in the region's natural landscape?	✓		
Does the design provide for a transition between the indoors and outdoors?	✓		
Context			
Does the proposal maintain the established or envisioned architectural character of the neighbourhood?	✓		
Does interim development consider neighbouring properties designated for more intensive development?			✓
Are façade treatments facing residential areas attractive and context sensitive?	✓		
Are architectural elements aligned from one building to the next?	✓		
For exterior changes, is the original character of the building respected and enhanced?			✓
Is the design unique without visually dominating neighbouring buildings?	✓		
For developments with multiple buildings, is there a sense of architectural unity and cohesiveness?	✓		
Relationship to the Street			
Do buildings create the desired streetscape rhythm?	✓		
Are parkade entrances located at grade?			✓
For buildings with multiple street frontages, is equal emphasis given to each frontage?	✓		
Massing and Height			
Does the design mitigate the actual and perceived mass of buildings?	✓		
Does the height consider shading and view impacts for neighbouring properties and transition to less intensive areas?			✓
Human Scale			
Are architectural elements scaled for pedestrians?	✓		
Are façades articulated with indentations and projections?	✓		

COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Are top, middle and bottom building elements distinguished?	✓		
Do proposed buildings have an identifiable base, middle and top?	✓		
Are building facades designed with a balance of vertical and horizontal proportions?	✓		
Are horizontal glazed areas divided into vertically proportioned windows separated by mullions or building structures?	✓		
Does the design incorporate roof overhangs and the use of awnings, louvers, canopies and other window screening techniques?	✓		
Is the visual impact of enclosed elevator shafts reduced through architectural treatments?			✓
Exterior Elevations and Materials			
Are buildings finished with materials that are natural, local, durable and appropriate to the character of the development?	✓		
Are entrances visually prominent, accessible and recognizable?	✓		
Are higher quality materials continued around building corners or edges that are visible to the public?	✓		
Are a variety of materials used to create contrast, enhance the pedestrian environment and reduce the apparent mass of a building?	✓		
Are elements other than colour used as the dominant feature of a building?	✓		
Public and Private Open Space			
Does public open space promote interaction and movement through the site?	✓		
Are public and private open spaces oriented to take advantage of and protect from the elements?	✓		
Is there an appropriate transition between public and private open spaces?	✓		
Are amenities such as benches, garbage receptacles, bicycle stands and community notice boards included on site?			
Site Access			
Is the safe and convenient movement of pedestrians prioritized?	✓		
Are alternative and active modes of transportation supported through the site design?		✓	
Are identifiable and well-lit pathways provided to front entrances?	✓		
Do paved surfaces provide visual interest?		✓	
Is parking located behind or inside buildings, or below grade?	✓		
Are large expanses of parking separated by landscaping or buildings?			✓
Are vehicle and service accesses from lower order roads or lanes?	✓		

COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Do vehicle and service accesses have minimal impact on the streetscape and public views?	✓		
Is visible and secure bicycle parking provided in new parking structures and parking lots?	✓		
Environmental Design and Green Building			
Does the proposal consider solar gain and exposure?	✓		
Are green walls or shade trees incorporated in the design?	✓		
Does the site layout minimize stormwater runoff?	✓		
Are sustainable construction methods and materials used in the project?	✓		
Are green building strategies incorporated into the design?		✓	
Decks, Balconies, Rooftops and Common Outdoor Amenity Space			
Are decks, balconies or common outdoor amenity spaces provided?	✓		
Does hard and soft landscaping enhance the usability of decks, balconies and outdoor amenity spaces?	✓		
Are large flat expanses of roof enhanced with texture, colour or landscaping where they are visible from above or adjacent properties?			✓
Amenities, Ancillary Services and Utilities			
Are loading, garage, storage, utility and other ancillary services located away from public view?	✓		
Are vents, mechanical rooms / equipment and elevator penthouses integrated with the roof or screened with finishes compatible with the building's design?	✓		
Landscape Development and Irrigation Water Conservation			
Does landscaping:	-	-	-
• Compliment and soften the building's architectural features and mitigate undesirable elements?	✓		
• Maintain the dominant pattern of landscaping along the street and surrounding properties?	✓		
• Enhance the pedestrian environment and the sense of personal safety?	✓		
• Screen parking areas, mechanical functions, and garbage and recycling areas?	✓		
• Respect required sightlines from roadways and enhance public views?	✓		
• Retain existing healthy mature trees and vegetation?			✓
• Use native plants that are drought tolerant?	✓		
• Define distinct private outdoor space for all ground-level dwellings?	✓		
Do any fences and retaining walls create visual interest and enhance the pedestrian environment?	✓		

COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Do parking lots have one shade tree per four parking stalls?			✓
Does the Landscape Architect's Landscape Water Conservation Report:	-	-	-
<ul style="list-style-type: none"> Meet the requirements for Landscape Water Budget calculations for the landscaped area? 	✓		
<ul style="list-style-type: none"> Indicate how the development complies with or varies from the Landscape Water Conservation Guidelines? 	✓		
<i>Landscape Water Conservation Guidelines</i>			
Are plants grouped into "hydro-zones" of high, medium and low or unirrigated / unwatered areas?	✓		
Does at least 25% of the total landscaped area require no irrigation / watering?		✓	
Does at least 25% of the total landscaped area require low water use?		✓	
Does at most 50% of the total landscaped area require medium or high water use?		✓	
Is mulch cover provided for shrubs and groundcover to reduce soil evaporation?	✓		
Do water features such as pools and fountains use recirculated water systems?			✓
Do landscape installation standards meet the requirements of the BC Landscape Standard and / or the Master Municipal Construction Document?	✓		
Are the required written declarations signed by a qualified Landscape Architect?	✓		
<i>Irrigation System Guidelines</i>			
Is the Irrigation Plan prepared by a Qualified Professional?	✓		
Are irrigation circuits grouped into "hydro-zones" of high, medium and low or unirrigated / unwatered areas consistent with the landscaping plan?	✓		
Is drip or low volume irrigation used?	✓		
Are the required written declarations signed by a qualified Certified Irrigation Designer?		✓	
Crime prevention			
Are CPTED practices as related to landscaping, siting, form and exterior design included in the design?	✓		
Are building materials vandalism resistant?		✓	
Universal Accessible Design			
Is access for persons with disabilities integrated into the overall site plan and clearly visible from the principal entrance?		✓	
Are the site layout, services and amenities easy to understand and navigate?	✓		