

# AGENDA DESIGN ADVISORY PANEL MEETING

June 10, 2021, 5:00 PM
Board Room, Service and Resource Centre,
411 Dunsmuir Street, Nanaimo, BC

**Pages** 

#### 1. CALL THE MEETING TO ORDER:

[Note: This meeting will be live streamed and video recorded for the public.]

#### 2. ADOPTION OF AGENDA:

#### 3. ADOPTION OF MINUTES:

a. Minutes 3 - 5

Minutes of the Design Advisory Panel Meeting held in the Boardroom of the Service and Resource Centre, 411 Dunsmuir Street, Nanaimo BC, on Thursday 2021-MAY-13.

#### 4. PRESENTATIONS:

a. Development Permit Application No. DP001230 - 5768 Linley Valley Drive

6 - 83

To be introduced by Lisa Brinkman, Planner, Current Planning Section

A development permit application was received from GUD Architecture and Planning, on behalf of JXLCO Development Corporation Ltd., for a multi-family residential development (13 units) to be located at 5768 Linley Valley Drive. The subject property is legally described as Lot 43, District Lot 32, Wellington District, Plan EP17440.

#### b. Development Permit Application No. DP001231 - 5730 Turner Road

84 - 121

To be introduced by Lisa Brinkman, Planner, Current Planning Section

A development permit application was received from Raymond deBeeld Architecture on behalf of Insight Holdings Ltd., for a mixed-use development (49 residential units and 2 commercial buildings) to be located at 5730 Turner Road. The subject property is legally described as Lot 10, District Lots 20 and 30, Wellington District, Plan VIP65104.

#### OTHER BUSINESS:

6. ADJOURNMENT:

#### **MINUTES**

## DESIGN ADVISORY PANEL MEETING BOARD ROOM, SERVICE AND RESOURCE CENTRE 411 DUNSMUIR STREET, NANAIMO, BC THURSDAY, 2021-MAY-13, AT 5:00 P.M.

PRESENT: Members: Charles Kierulf, AIBC, Chair (joined electronically)

Councillor Brown (joined electronically)
Tony James, AIBC (joined electronically)
Kevin Krastel, At Large (joined electronically)
Marie Leduc, At Large (joined electronically)
Kate Stefiuk, BCSLA (joined electronically)

Absent: Gur Minhas, At Large

Staff: L. Rowett, Manager, Current Planning Section

L. Brinkman, Planner, Current Planning Section

K. Berke, Recording Secretary

#### 1. CALL THE DESIGN ADVISORY PANEL MEETING TO ORDER:

The Design Advisory Panel Meeting was called to order at 5:03 p.m.

## 2. ADOPTION OF AGENDA:

It was moved and seconded that the Agenda, be adopted. The motion carried unanimously.

## 3. ADOPTION OF MINUTES:

It was moved and seconded that the Minutes of the Regular Design Advisory Panel Meeting held in the Boardroom, Service and Resource Centre, 411 Dunsmuir Street, Nanaimo, BC, on Thursday 2021-APR-22 at 5:01 p.m. be adopted as circulated. The motion carried unanimously.

#### 4. PRESENTATIONS:

(a) <u>Development Permit Application No. DP1223 340 Campbell Street</u>

Introduced by Lisa Brinkman, Planner, Current Planning Section

#### Presentations:

 Donald Yen, Architect of Urban Solutions Architecture Ltd., presented the project accompanied by Keith Ross, Landscape Architect of Urban Solutions Architecture Ltd. Mr. Yen spoke regarding the site context and location, and provided an overview of the proposed development and design features.

- 163 market rental units are designed to encourage living and working in the downtown core
- The building style is reminiscent of vibrant urban centres around the world, with inspiration from Nanaimo's history
- The north laneway allows for vehicle access into the parkade
- Waste management bins are concealed on the north side of the site
- Level building entry along Campbell Street
- Outdoor amenity space for urban agriculture, seating areas, amenity building for outdoor barbequing, and children's play area are provided
- The courtyard is designed as an open space for tenants
- Façade openings and street canopies are evident along the street
- Solid urban materials, open metal railings, and short balconies
- Brick is the primary façade material along the street, a ceramic fibre cement board is above the brick, accented by Juliet balconies, dark colored window frames, and wood elements in the canopies
- The building height variance is consistent with the Downtown Area Plan guidelines
- The proposed variances include siting of the accessory building at zero property line, and increasing the number of parking stalls from 101 to 138
- 2. Keith Ross, Landscape Architect of Urban Solutions Architecture Ltd., presented the landscape plan, and spoke regarding the proposed planting plan, trees, and amenity spaces.
  - The landscaping along Campbell Street in the setback area includes deciduous trees, evergreens, and a mixture of shrubs
  - The landscaping along Wallace Street includes metal planter boxes with flowering evergreen shrubs and vines
  - The landscaping along the north drive lane includes a pedestrian walkway, planters, landscape screening along the property line, a raingarden planting strip and a row of deciduous trees, a four foot high fence, and entry lighting
  - The feature courtyard provides the main focus for outdoor amenities including an open square lawn area surrounded by flowering trees, raised planters, planter walls and shrubs separating the ground floor patio areas
  - The children's area contains a colourful play apparatus, soft rubberized ground surfacing and a shade tree
  - To the northwest are picnic tables, a covered seating area, a raised vegetable garden area, tool storage area, water source and compost bins
  - A 6 foot tall wrought iron fence is proposed along the laneway edge

Panel discussions took place regarding the following:

A guestion was raised regarding the height variance

- Staff clarified that zoning is what dictates the allowable height and when a variance is requested Staff reference the guidelines in the neighbourhood plan
- Historical context and the building looking more commercial in appearance
- The addition of horizontal features and projected balconies rather than Juliet balconies
- A question about the Juliet balconies and whether the windows can be fully opened
- Whether the live/work units will be used as retail or business units as well as living spaces
- The accessibility of live/work units for those with mobility issues
- Providing alternate fencing to replace the proposed chain link along the north property line
- The incorporation of more plants and vegetation along the laneway and screening of the garbage collection area and the amenity building
- Adding natural elements into the play area for children, rocks, logs and more plants, and replace the rubber surfacing with wood fibre
- Adding more space for the street trees along Wallace Street
- A question was raised regarding the landscape maintenance pads
- Incorporating public art at the street corner of Wallace and Campbell Street

It was moved and seconded that Development Permit Application No. DP1223 be accepted as presented with support for the proposed variances. The following recommendations were provided:

- Consider increasing the number of live/work units for accessibility;
- To increase the planting along the laneway edge and other areas where possible;
- Consider softening the amenity building;
- Consider adding public art at the Wallace/Campbell corner;
- Consider changing fence detail on the north side of the property;
- Consider increasing the planting area for trees on Wallace Street; and
- Consider natural play elements in the children's play area.

The motion carried unanimously.

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It was moved and s	seconded at 6:17	p.m. that the	meeting terminate.	The motion
carried unanimously.				

carried unanimously.	·	-	
CHAIR			
CERTIFIED CORRECT:			
RECORDING SECRETARY			

**Development Permit Application No:** 

**DP001230** 

**Application Detail** 

MULTI-FAMILY RESIDENTIAL DEVELOPMENT (13 UNITS)

**Civic Address:** 

**5768 LINLEY VALLEY DRIVE** 

**Applicant:** 

**GUD ARCHITECTURE AND PLANNING** 

Owner:

JXLCO DEVELOPMENT CORPORATION LTD.

## STAFF DESIGN COMMENT

#### DEVELOPMENT PERMIT APPLICATION NO. DP001230 – 5768 LINLEY VALLEY DRIVE

Applicant / Architect: GIANT UNION DESIGN & PLANNING

Owners: JXLCO DEVELOPMENT CORPORATION LTD.

Landscape Architect: FRED BROOKS LANDSCAPE ARCHITECT

#### SUBJECT PROPERTY AND SITE CONTEXT:

Zoning	Steep Slope Residential (R10)
Location	The subject property is located in north Nanaimo, and is on the north side of Linley Valley Drive.
Total Area	8,204.05 m <sup>2</sup>
	Map 1 – Future Land Use Plan – Neighbourhood
Official Community Plan (OCP)	Map 3 – Development Permit Area No. 5 – Steep Slope Development; and Development Permit Area No. 9 - Commercial, Industrial, Institutional, Multiple Family and Mixed Commercial/Residential Development
Relevant Design	General Development Permit Area Design Guidelines
Guidelines	Steep Slope Development Permit Area Guidelines

The subject property is a vacant parcel that is separated by Garnet Place. The smaller west portion of the property has frontage on both Linley Valley Drive and Garnet Place. The larger east portion of the property is accessed by Garnet Place and a public lane. The property contains a steep rock bluff along the east side and northeastern lot line. The neighbourhood contains single family homes to the north, east and south, and a townhouse development is located to the northwest.

#### PROPOSED DEVELOPMENT

The applicant is proposing a 15 unit multi-family residential development, consisting of one duplex building and 13 single family dwellings. The unit composition is as follows:

Unit Type	Number of Units	Unit Size
Two bedroom	11	150m <sup>2</sup> to 202m <sup>2</sup>
Three bedroom	4	175m <sup>2</sup> to 210m <sup>2</sup>

In accordance with the density transfer allowance conditions in Section 7.3.3 of the Zoning Bylaw, 17 residential units are permitted on the property. A multi-family development permit (DP695) was approved for the property in 2015, however the subject application differs as it consists primarily of detached units, whereas the previous DP proposed duplex units.

## Site Design

The duplex building is proposed to be sited at the corner of Linley Valley Drive and Garnet Place, with a forested area to be retained on the rear half of this portion of the property. The 12 single family dwellings are sited to front onto the lane, each with their own driveway access. A setback of more than 15m is provided from the east side property line in accordance with the required geotechnical setback from the steep rock bluff along the east side of the property. There is also a rock bluff at the rear of Units 4-9 and the dwellings will be sited approximately 3m from the face of the bluff. A base floor area ratio (FAR) of 0.45 is permitted, and an FAR of 0.32 is proposed.

#### Staff Comments:

- The development responds to the Steep Slope Development Permit Area Guidelines by limiting the building height to one and two storeys, and by designing the site to respect the geotechnical setback from the steep rock bluff along the east and northeastern side of the property.
- The applicant will be required to demonstrate that each unit is designed to accommodate electric vehicle charging stations, bicycle storage, and garbage/recycling bins.
- Details are to be provided to show parking space dimensions, and the location of the required three accessible parking spaces.

#### **Building Design**

The proposed dwellings are craftsman style buildings with low pitched roofs. Eleven of the single family dwellings are single storey. Two single family dwellings contain a split level storey, and the duplex building is two storeys in height. A mix of two and three bedroom units are proposed, and each unit includes a garage, as well as an outdoor patio and/or balcony area. The proposed façade materials consist of vinyl horizontal siding and vinyl shake, with wood and stone accents.

#### Staff Comments:

 In keeping with the Steep Slope Development Permit Area Guidelines, consider incorporating more stone and wood accents on the building facades to reflect the textures of the natural hillside setting.

#### Landscape Design

Each single family unit has a south facing patio in the front yard area, and a smaller balcony with landscaping at the rear of the building. A tiered retaining wall is proposed at the rear of Units 10, 11 and 12 to accommodate the natural depression in the rear corner of the property.

The duplex site contains a pedestrian path to allow for access to the rear of each unit. Trees will be retained in the side yard area where possible, and retaining walls are proposed to accommodate grade changes. The forest on the west side of the duplex site will be retained in its natural state. A wood fence with vine arbours is proposed along the northwest property line of the duplex site.

- Consider utilizing plantings, rather than board and lattice fencing, to create privacy between the driveways and patios. Similary, consider plantings rather than artificial turf to allow for a more natural, permeable site in accordance with the Steep Slope guidelines.
- The applicant will be required to provide typical cross sections throughout the property to more clearly show the height and materials of the proposed retaining walls.
- A plant list has been provided; however, the location of each plant type is not shown on the landscape plan.
- Show the location of all proposed fencing on the landscape plan, and provide a graphic showing the design of the proposed fencing.
- Consider creating an area for a common outdoor amenity space for the residents.

#### PROPOSED VARIANCES

No variances are proposed.

## 5768 LINLEY VALLEY DRIVE, NANAIMO, B.C.



#### Site Statistics

Lot Size Proposed

 Legal Address:
 5768 Linley Valley Drive, Nanaimo BC

 Legal Description:
 Lot 43, District Lot 32, Wellington District, Plan EPP17440

PID: 028-872-002

Zoning: R10 STEE<sup>5</sup> SLOPE RESIDENTIAL Lot size (min): 1,500.00 sm

1,500.00 sm 8.204.05 sm 89.900 sf 2.03 acre

Front Yard (min): 4.50 m Side Yard (min): 1.50 m Rear Yard (min): 7.50 m Height (max): 9.00 m

Floor Area				
	FSR	Area (sm)	Area (sf)	
Allowable:	0.45	3,691.82 sm	39,738 sf	
Drongend:	0.22	2 712 02 cm	20 102 cf	

Type	Area/Unit	No. Units	Total Area	
A	2,201.00 sf	2	4,402.0 sf	
A1	1,615.00 sf	1	1,615.0 sf	
В	1,823.00 sf	7	12,761.0 sf	
C	2,264.00 sf	1	2,264.0 sf	
D	1,881.00 sf	1	1,881.0 sf	
E	1,833.00 sf	1	1,833.0 sf	
Fa	2,177.00 sf	1	2,177.0 sf	
Fb	2,177.00 sf	1	2,177.0 sf	
WATER METER CUPBOARD	83.00 sf	1	83.0 sf	
Total		15	29,193.0 sf	

Lot Coverage					
	Ratio	Area	a (sf)		
Allowable:	0.40	35	,960 sf		
Proposed:	0.36	32	,584 sf		
Lot Coverage	Туре	Area/Unit	No. Units	Total Area	
	A	1,876.00 sf	2	3,752.0 sf	
	A1	2,002.00 sf	1	2,002.0 sf	
	В	2,211.00 sf	7	15,477.0 sf	
	С	2,736.00 sf	1	2,736.0 sf	
	D	2,334.00 sf	1	2,334.0 sf	
	E	2,200.00 sf	1	2,200.0 sf	
	Fa	2,041.64 sf	1	2,041.6 sf	
	Fb	2,041.64 sf	1	2,041.6 sf	
Total			15	22 594 2 cf	

THE PROPOSAL IS TO REDEVELOP THE PROPERTY TO A PRIVATE STRATA-TITLE COMMUNITY OF SINGLE FAMILY DETACHED HOMES WITH TWO DUPLEXES IN THE SMALLER LOT.

#### .0 OVERVIEW

THE SITE LOCATED ON THE NORTH SIDE OF LINLEY VALLEY DRIVE IS A TWO-LOT LAND AND COMPRISES APPROXIMATELY TWO ACRES. THE LARGER LOT IS COVERED BY BARE LAND STRIPPED OF VEGETATION AND SOIL TO BEDROCK, BLASTED IN THE EAST AND GENERALLY UNDISTURBED TO THE WEST. THE SMALLER LOT TO THE WEST OF LARGE LOT IS MAINLY A NATURAL TREED AFFA. SEF TREE MANAGEMENT PLAN FOR DETAILS.

THE SITE IS BOUNDED BY GARNET PLACE ROAD, SINGLE FAMILY RESIDENTIAL PROPERTIES TO THE NORTH, SINGLE FAMILY ZONED HOUSES TO THE SOUTH AND LOW DENSITY DUPLEXES TO THE WEST AND ROCK HILL TO THE FAST.

THE HOUSING DEVELOPMENT PROJECT INCLUDES THE FOLLOWING DESIGN FEATURES:

- THIRTEEN, ONE-STOREY AND TWO DUPLEXES WILL BE BUILT IN FIVE PHASES.
- . A VARIETY OF UNIT FLOOR PLANS: TWO-BEDROOM, TWO BEDROOMS PLUS DEN, TWO BEDROOMS PLUS TWO DEN AND THREE BEDROOMS
- COMMON PRIVATE ACCESS ROAD WITH PEDESTRIAN AMENITIES
- A VARIETY OF EXTERIOR FINISH MATERIALS: VINYL SHAKE, VINYL SIDING, CULTURED STONE, WOODEN DETAILS, ASPHALT SHINGLE ROOFS, VINYL DOUBLE GLAZED WINDOWS AND FIBERGLASS ENTRY COORS WITH WOOD GRAIN FINISH.
- ADDITION OF VIBRANT PEDESTRIAN FLOW AND SUBSTANTIAL LANDSCAPING THAT SIGNIFICANTLY IMPROVES THE DESOLATED EXISTING SITE.

#### 2.0 DESIGN RATIONALE:

THE DESIGN OF THE PROJECT IS TO CREATE RANCH STYLE COMMUNITY IN THE LARGER LOT PROVIDING A SUITABLE HOUSING OPPORTUNITY FOR POTENTIAL SENIOR BUYERS. TAKING THE CONSIDERATION OF A GREATER ROCK HEIGHT DIFFERENCE AT EASTERN END OF THE LOT, THE FIRST TWO HOUSES WOULD CREATE SPLIT LEVEL HOUSES WITH STEPPING ROOF LINES AS A TRANSITION TO THE ROCK RIGGE, BY DOING THIS, IT ASSO INTRODUCES MORE RATURAL LIGHT TO THE BACK OF THE HOUSES. THE TWO DUPLEXES IN THE SMALLER LOT THAN AS SIMILAR FOOTPRINT AS THE DEVELOPMENT APPROVED BY CITY OF NANAIMO IN 2015 (DEVELOPMENT PERMIT NUMBER: 000925). THIS PROJECT INTENDS TO COMPLETE THE UNFINISHED DEVELOPMENT OF THE ENTIRE NEIGHBOURHOOD WHILE CREATING A VIBRANT LIVELY COMMUNITY. THE DEVELOPMENT OF THE STRAILER LOT WILL MAKE THE PROJECT COMMUNITY. THE DEVELOPMENT OF THE OWNER WHILE GENERATING REVENUE FOR THE CITY OF NANAIMO. CRAFTSMAN STYLE INSPIRED BUILDING FORMS AND EXPRESSIVE MATERIALS HAVE BEEN CHOSEN TO INDICATE QUALITY AND DURABLE CONSTRUCTION DETAILING. THE RESULTING DISTINCT CHARACTER OF THE DEVELOPMENT WILL BE ONE WHICH BUILDS UPON THE APPEAL OF PREDECESSOR LOCAL DEVELOPMENTS AND FOLLOWING LINLEY POINT ARCHITECTURA DE PSERS OF GUIDELINES.

#### 2 1 SITE PLAN

THE HOUSES RESPOND TO THE CURVING ROAD BY SETTING BACK AT VARYING DISTANCES FROM THE LANE CREATING A PATTERN OF FRONTAGES IN PAIRS AND SINGLY, EACH HOUSE WITH A UNIQUE RELATIONSHIP TO THE STREET AND ITS NEIGHBOURS.

ALONG GARNET PLACE THE STEPPED FORM OF THE HOUSES CREATES A LARGE PRIVATE SOUTH FACING SPACE FOR THE RESIDENTS TO ENJOY THE SUN AND AT THE SAME TIME BRING IN MAXIMUM SUNLIGHT INTO THE SOUTH FACING LIVING ROOMS.

IN THE BIG LOT THE RANCH STYLE HOUSES ARE PLACED WITH MINIMUM 2.4VI DISTANCE FROM EACH OTHER.

SIGNAGE IS IN THE MOST VISIBLE CORNER OF THE SITE ON THE NORTH WEST CORNER OF LINLEY VALLEY DRIVE AND GARNET PLACE AND THE MAILBOXES WILL BE IN THE SOUTH WEST CORNER OF THE BIG LOT WHERE IS ACCESSIBLE BY THE VEHICLE AND HAS ENOUGH SECURITY. THERE ARE TWO GEOTECHNICAL COVENANTS REGISTERED AGAINST THE TITLE OF THE PROPERTY ON THE EAST END OF THE BIG LOT. THERE IS NO DEVELOPMENT IN THE COVENANT AREA EXCEPT FOR THREE SURFACE VISITOR PARKING.

THE DUPLEX HOUSES IN THE SMALLER LOT AT GARNET PLACE ARE LOCATED CLOSE TO THE DRIVEWAY WITH MINIMUM DISTURBANCE TO THE SURROUNDING NATURAL ENVIRONMENT. EACH SIDE OF THE DUPLEX HOUSES HAVE A PRIVATE PATIO OFF THE DINING ROOM. THE REAR HALF OF THE SMALL LOT WILL REMAIN UNTOUCHED AND WILL FOLLOW THE TERE RETENTION PLAN.

#### 2.2 ARCHITECTURE, CHARACTER AND FORM

THE COMMUNITY DESIGN COMPRISES FIFTEEN HOUSES WITH EIGHT DIFFERENT FLOOR PLANS OF TWO-BEDROOM, TWO BEDROOMS PLUS DEN, TWO BEDROOMS PLUS TWO DEN AND THREE BEDROOMS. ELEVEN HOUSES HAVE ONE STOREY RANCH STYLE HOMES WITH CRAWL SPACE, TWO HOUSES HAVE SPLIT LEVEL AND TWO HOUSES IN THE SMALLER LOT WITH TWO STOREY DIPLEXES.

THE HOUSES ARE MODEST AND HUMANLY SCALED IN ALL DIMENSIONS. EACH HOUSE HAS A PRIVATE DRIVEWAY TO ALLOW FOR A SINGLE OR DOUBLE CAR PARKING SPACE AND A SINGLE CAR GARAGE FOR VEHICLE PARKING. THE SINGLE CAR GARAGES COMPLEMENT THE SCALE OF EACH HOUSE ENHANCING THEIR STREET PRESENCE BY ALLOWING FOR GENEROUS GROUND FLOOR ENTRY PORCHES AND FRONT WINDOWS. SOUTH FACING LARGE GROUND FLOOR PATIOS BRING IN THE PLEASANT SUN INTO THE LIVING ROOM WHILE MAINTAINING THE PRIVACY FOR THE RESIDENTS WITH WOODEN PATIO SCREENS.

IN THIS FORM THE HOUSES RELATE TO THE STREET MORE STRONGLY WITH EYES-ON-THE-STREET CONNECTIONS THAT ENHANCE SECURITY AND ENCOURAGE COMMUNITY SOCIAL INTERACTION.

EXTERIOR FORMS INCLUDE WIDE OVERHANGING EVES, COVERED FRONT ENTRIES AND LOW-PITCHED ROOFLINES WHICH ARE ALL INSPIRED BY THE CRAFTSMAN STYLE.
NATURAL GAS FUELED FIREFLACES ARE ECHOING FORMS OF TRADITIONAL WOOD FIRED FIREPLACES, THUS ENRICHING THE DOMESTIC COMPOSITION OF INDIVIDUAL HOUSES.
OVERALL, AS EACH HOUSE RELATES TO ITS NEIGHBOURS WITH SIMILAR SCALE, FORM AND MATERIAL CONNECTIONS, A STRONG SENSE OF PLACE IS CREATED.

#### 2.3 EXTERIOR MATERIALS:

FORM AND MATERIALS HAVE BEEN CHOSEN TO EXPRESS QUALITY AND DURABLE RELATIVELY LOW MAINTENANCE CONSTRUCTION DETAILING. VINYL SIDING, VINYL SHAKE, ASPHALT SHINGLE ROOPS AND CULTURED STONE FORM THE MAJORITY OF EXTERIOR CLADDING MATERIALS, ACCENTED BY WOODEN BRACKETS AND VINYL SOFFITS. WILD BE UNIQUE IN ITS COMPOSITION OF MATERIALS AND COLOUR TO CREATE VISUAL INTEREST AND VARIETY. INDIVIDUAL MATERIAL DETAILS WILL ENHANCE EACH HOUSE'S DISTINCTIVE RANCH STYLE CHARACTER.

#### 2.4 CLOSING SUMMARY:

THE DEVELOPMENT AIMS TO CREATE AN ANIMATED NEIGHBOURHOOD BY PROVIDING A HIGH QUALITY HOUSING OPPORTUNITY AND COMPLETING AN UNDEVELOPED PORTION OF THE COMMUNITY.

1	2021/04	ISSUED FOR DP
NO.	DATE	DESCRIPTION

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CUENT

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B-CONSULTANT

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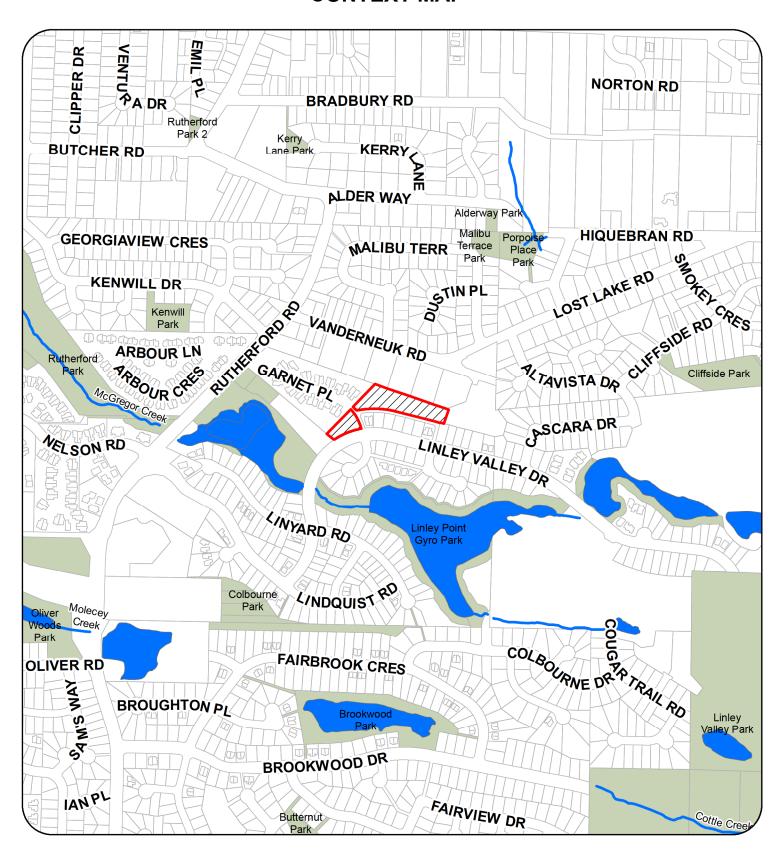
5768 Linley Valley Drive

PROJECT NO	9: 82002 B
DRAWN BY:	JAMES MA
CHK'D BY:	XINMAI
SCALE:	
DATE:	APRIL 202

DESIGN RATIONALE STATISTICS

A-01

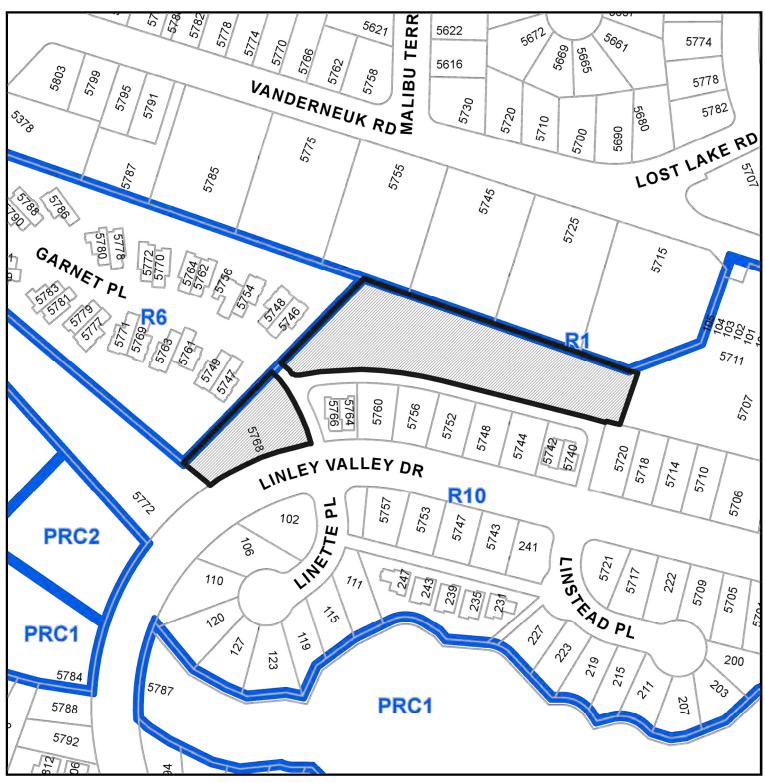
# **CONTEXT MAP**







# **LOCATION PLAN**



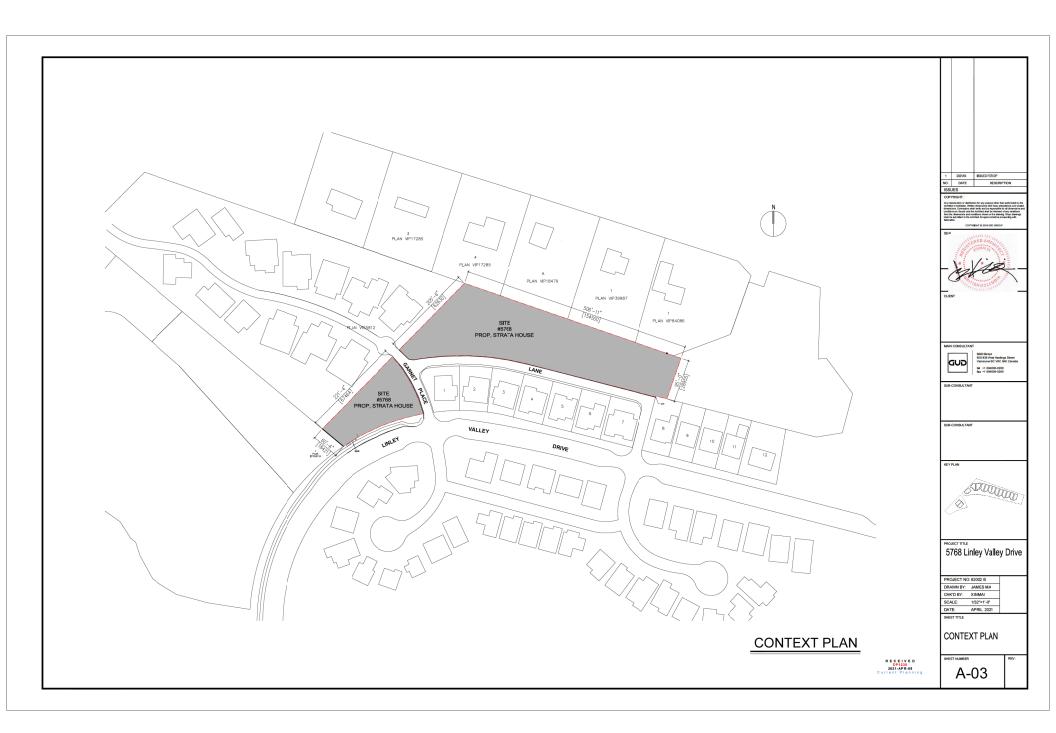


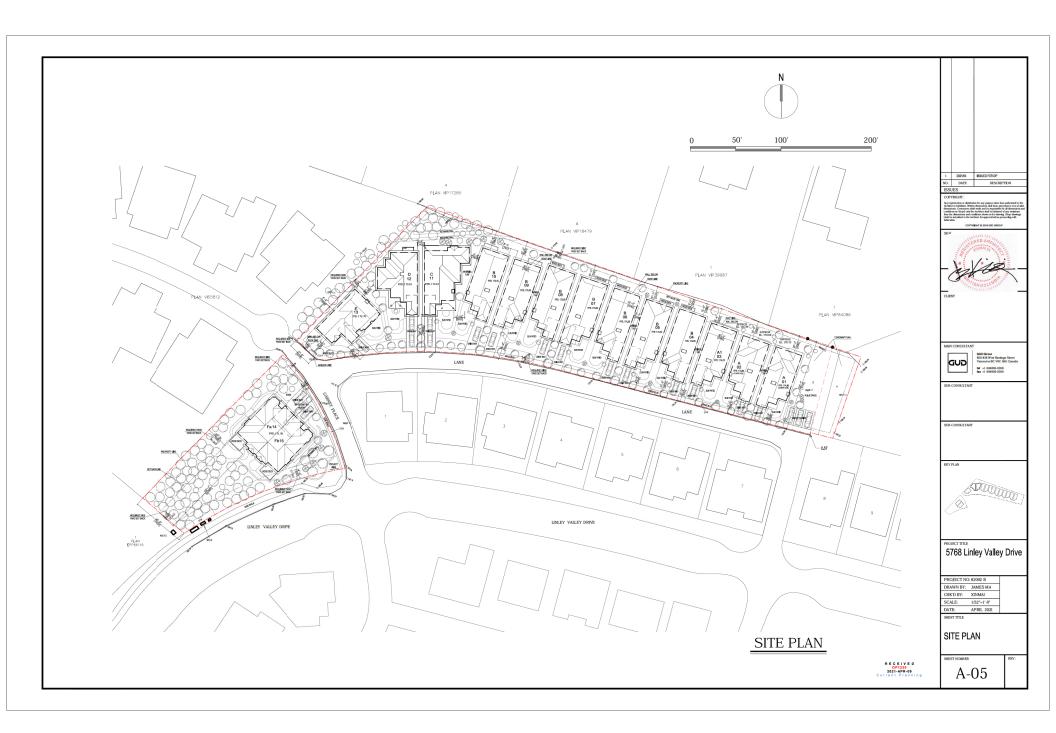
# **DEVELOPMENT PERMIT APPLICATION NO. DP001230**

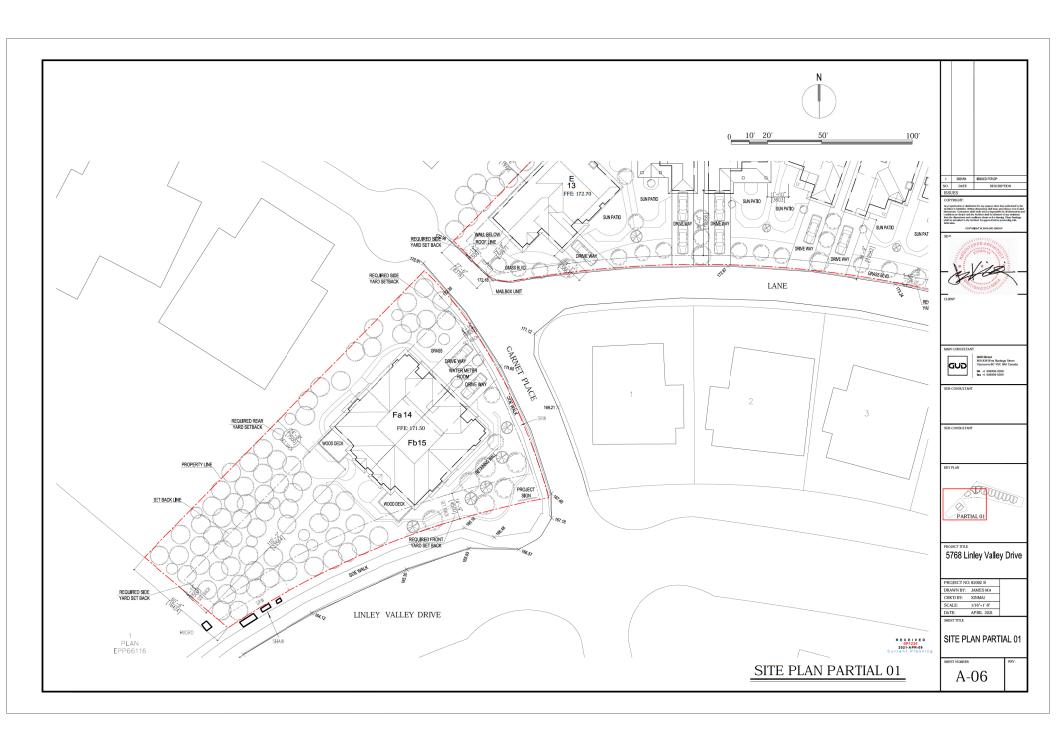
Subject Property

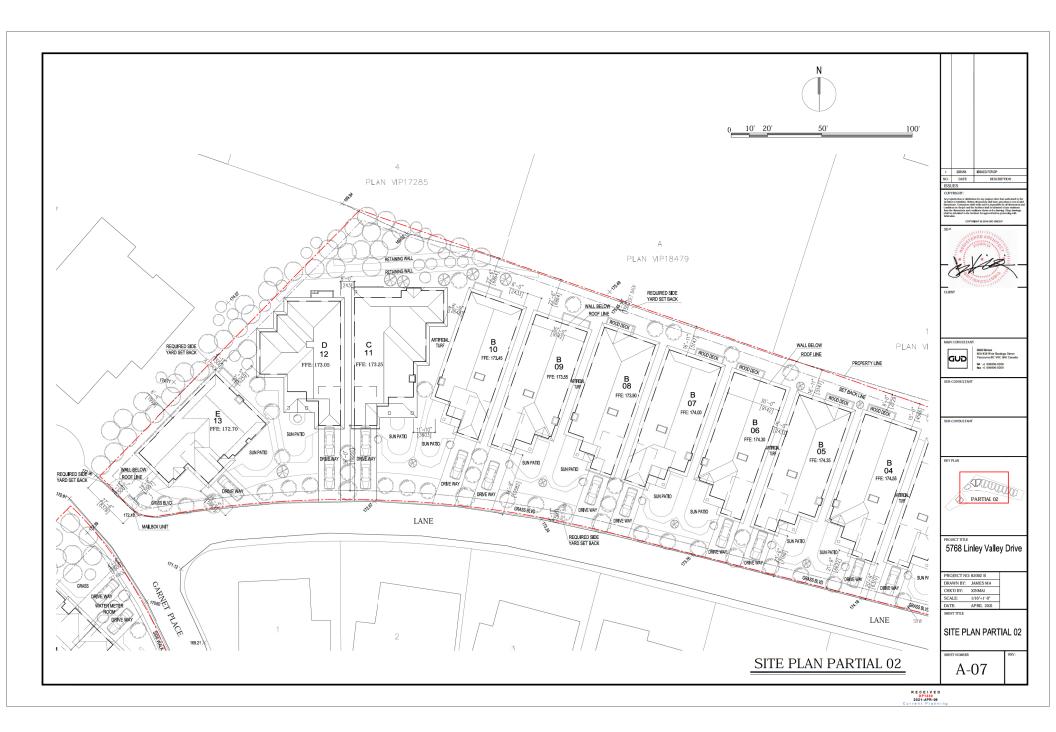
CIVIC: 5768 LINLEY VALLEY DRIVE

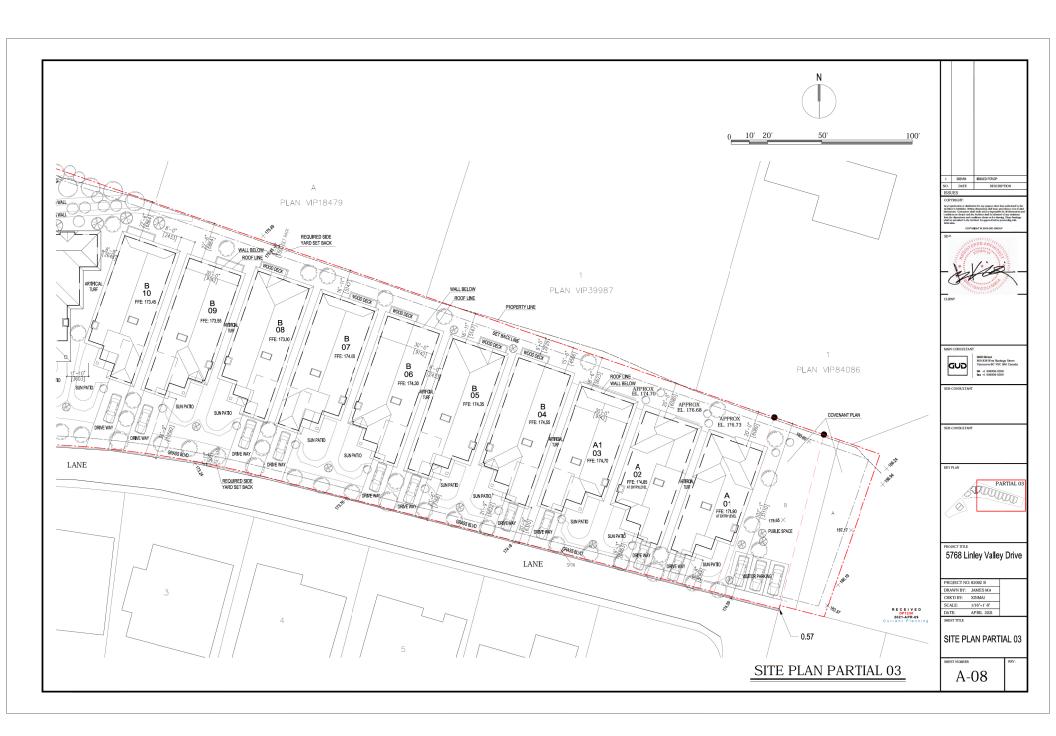
LEGAL: LOT 43, DISTRICT LOT 32, WELLINGTON DISTRICT, PLAN EPP17440

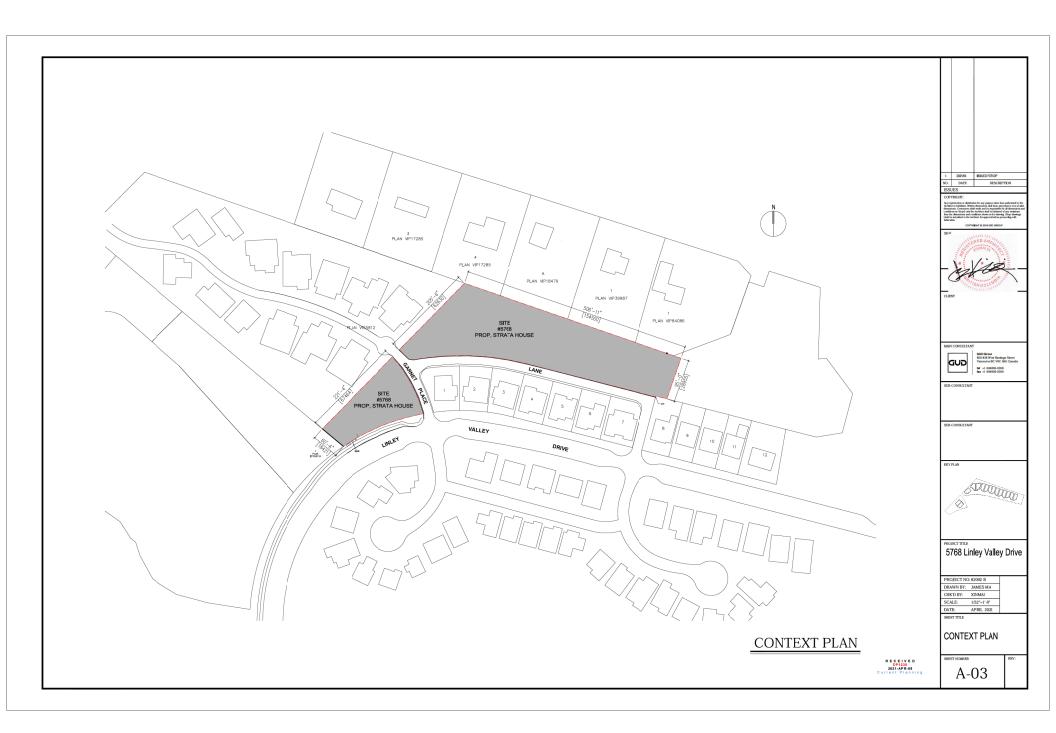




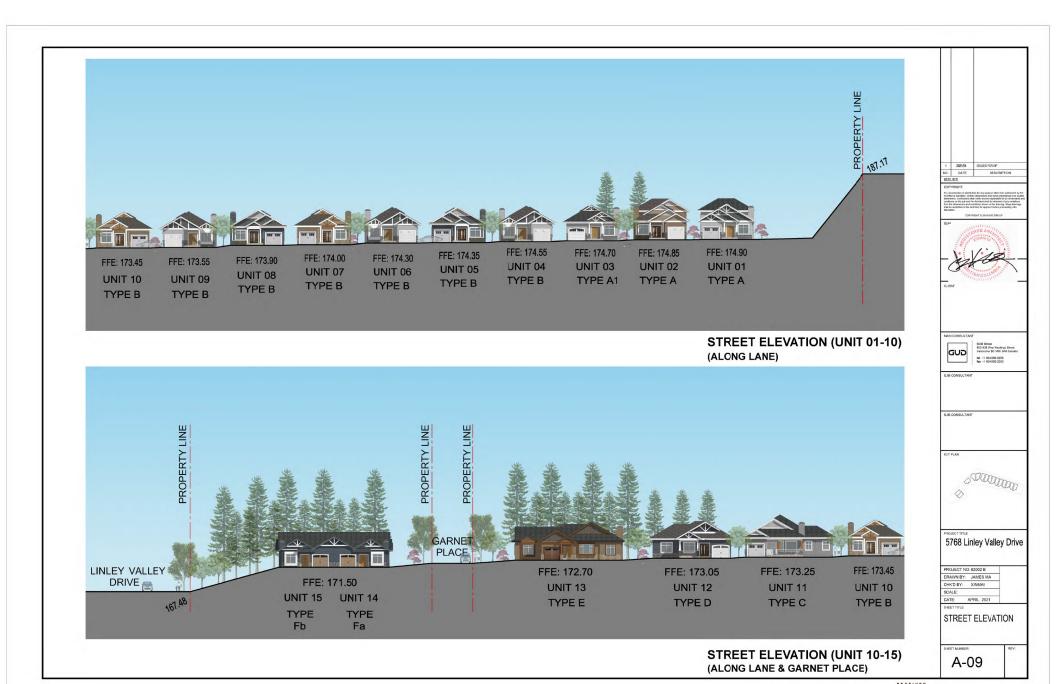




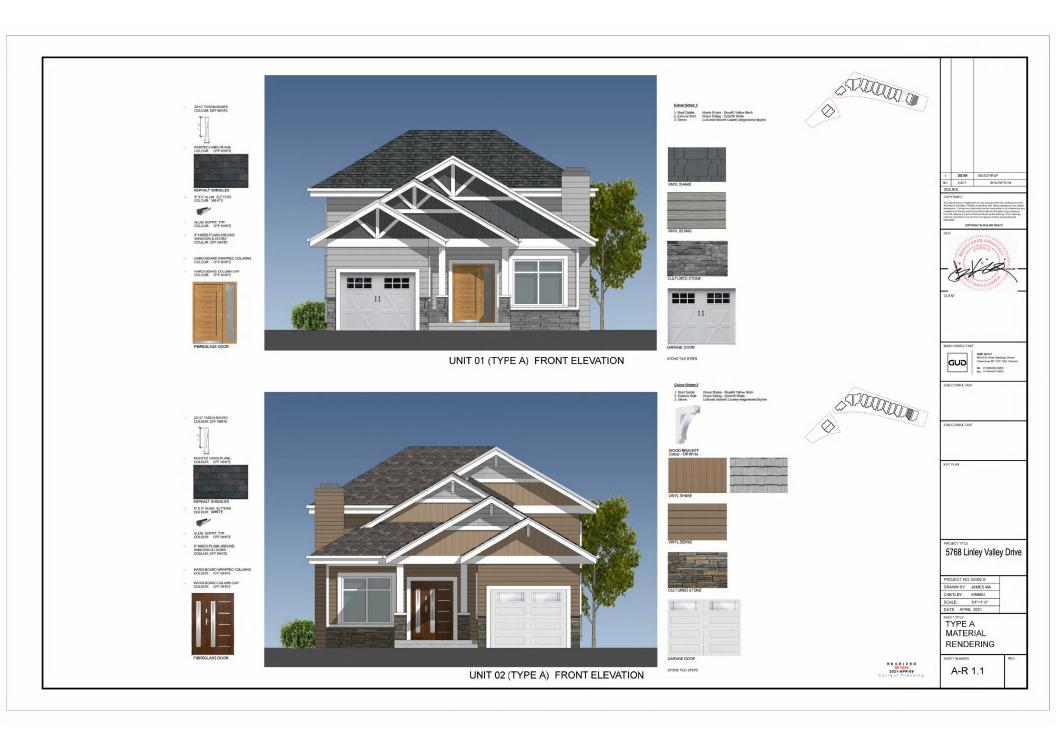


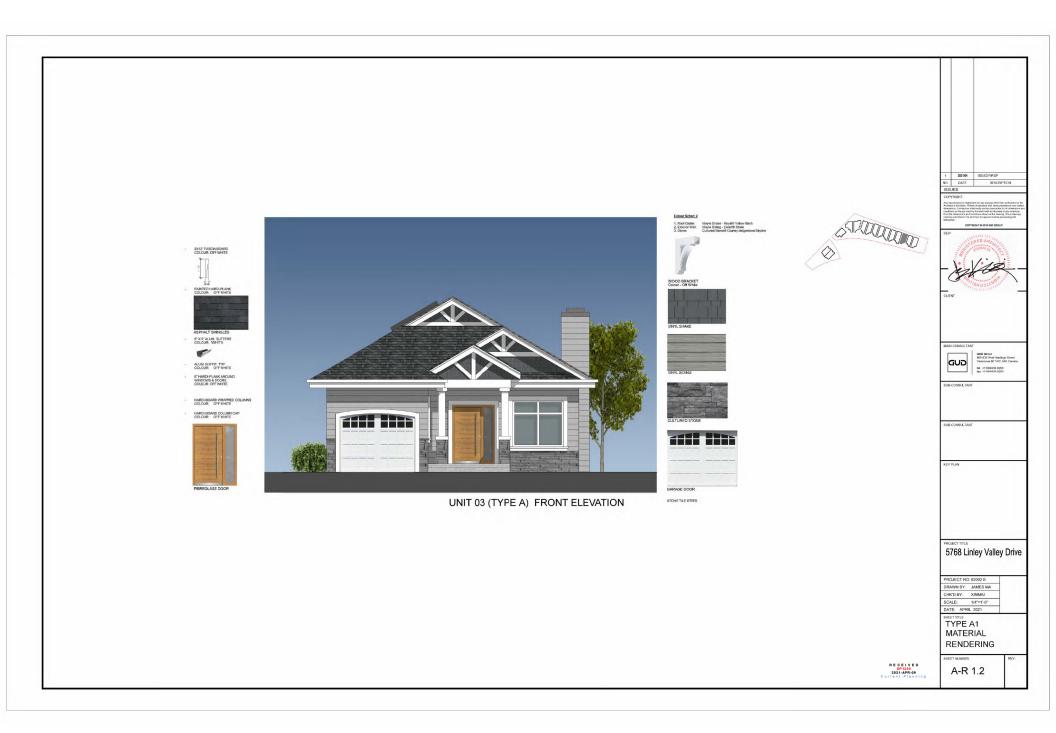


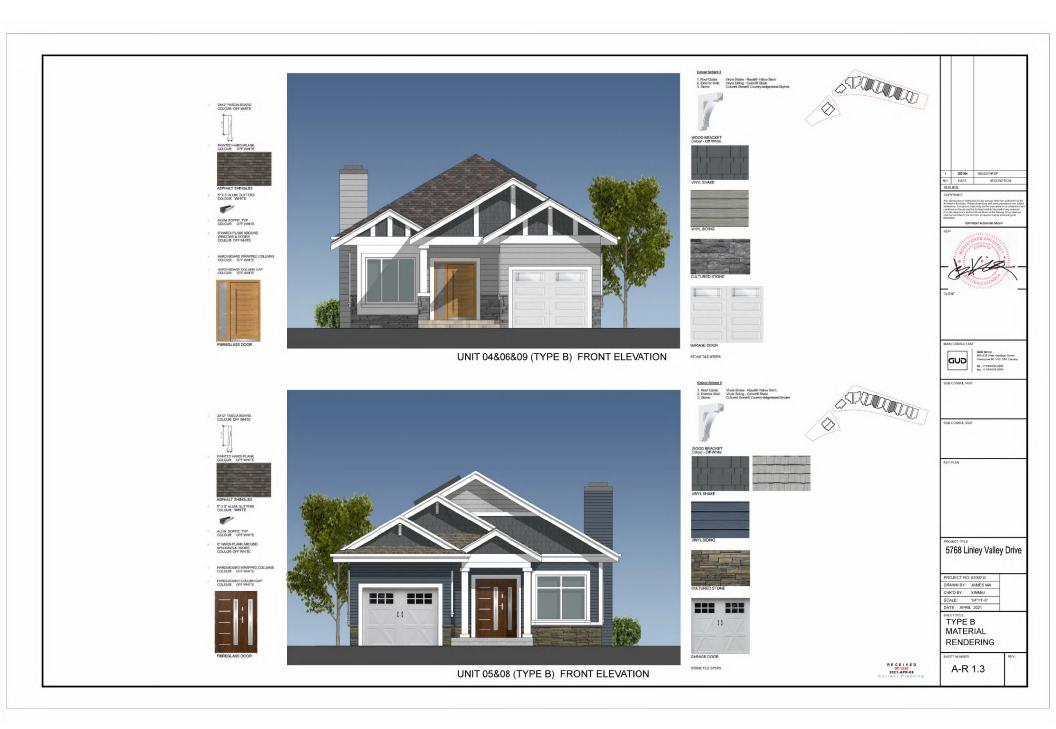


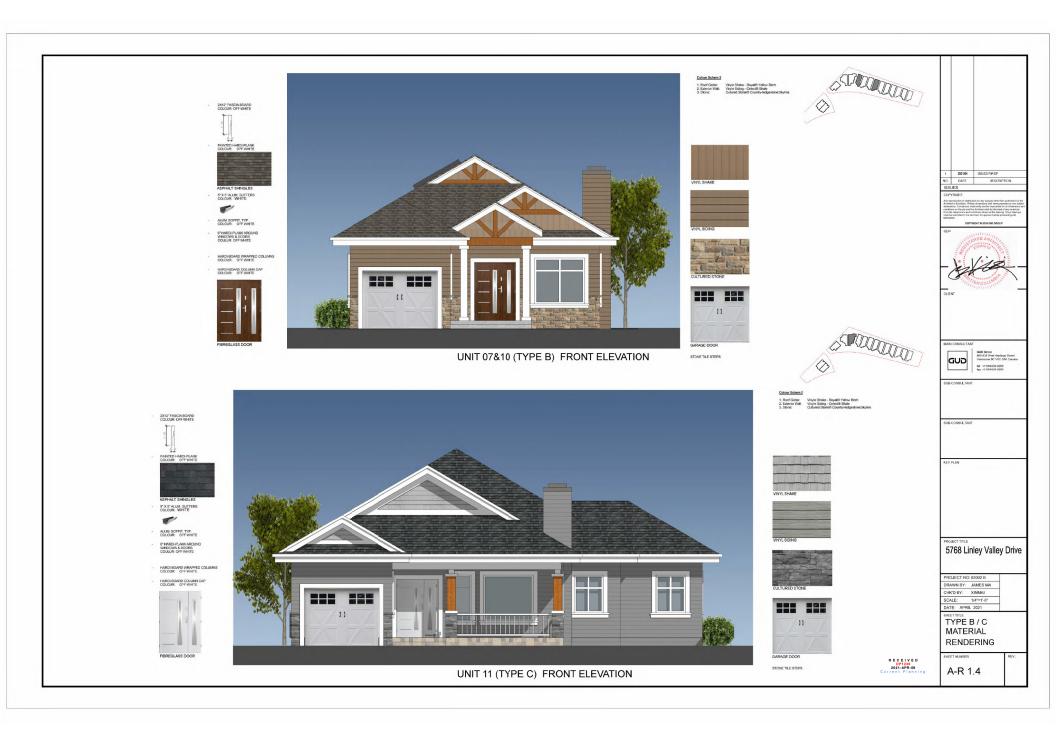


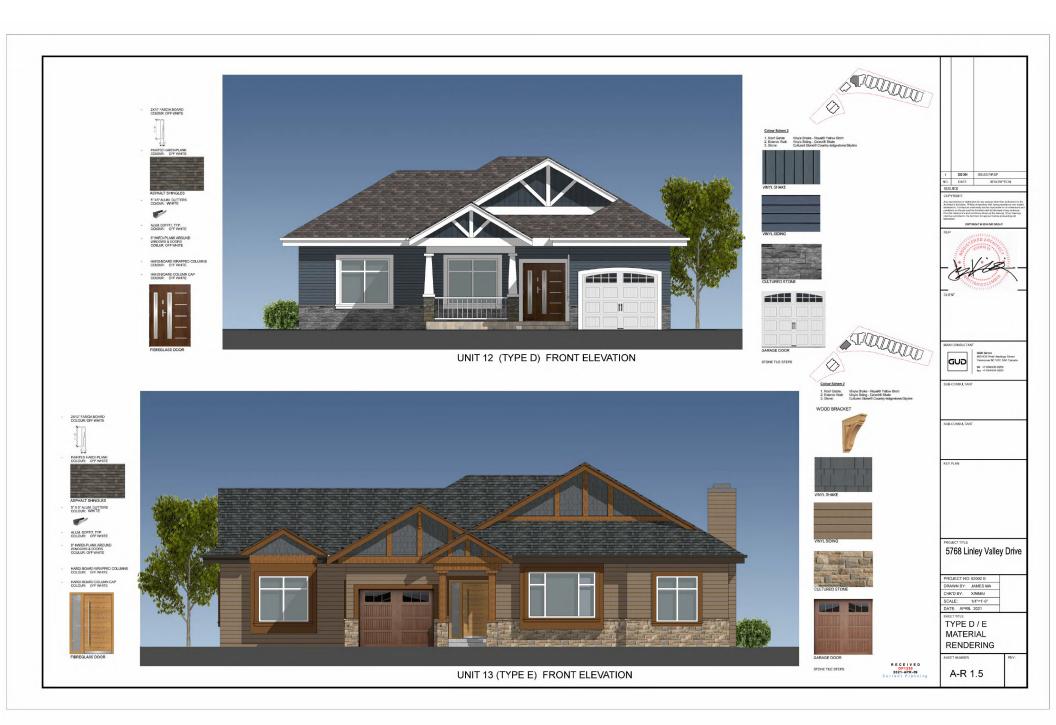




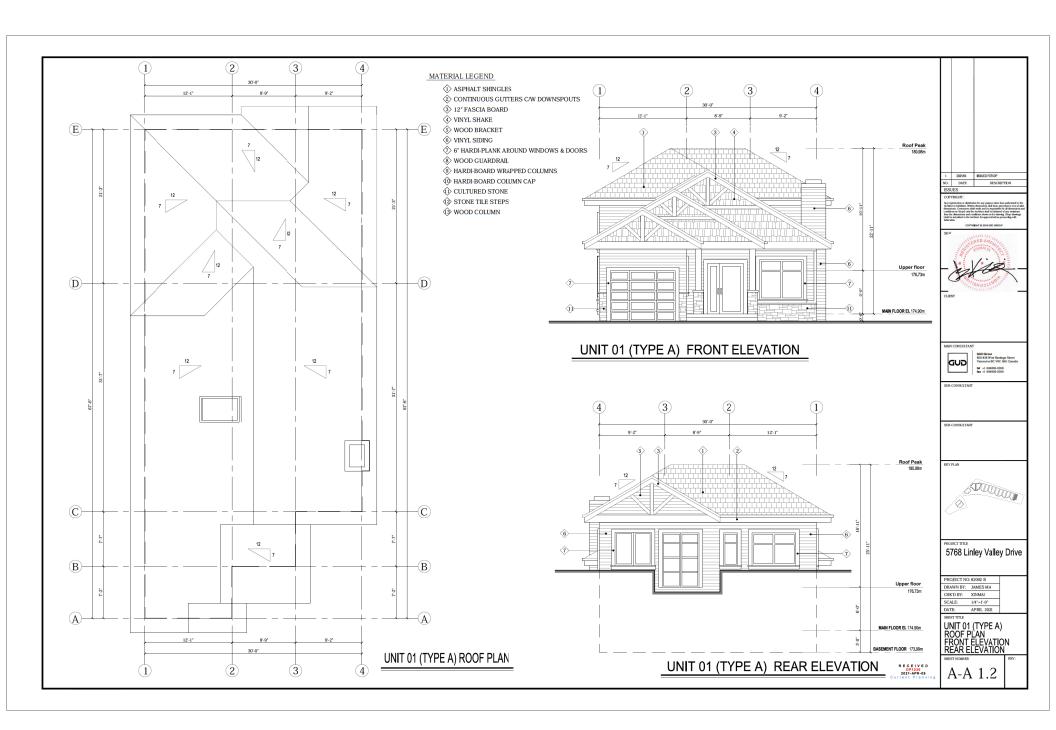


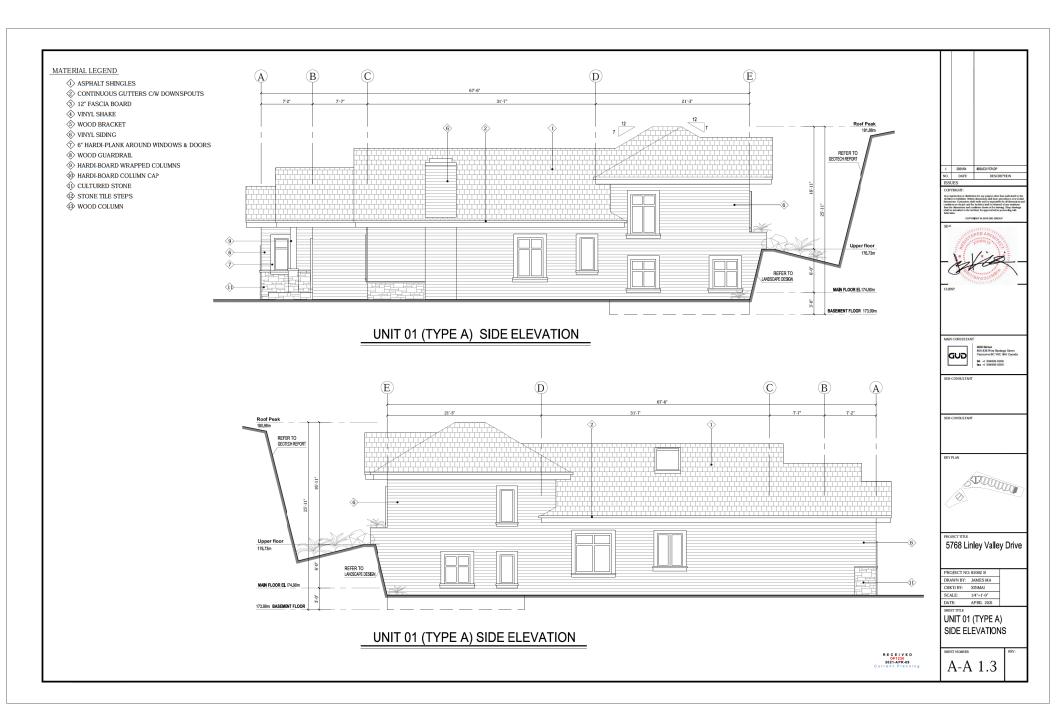


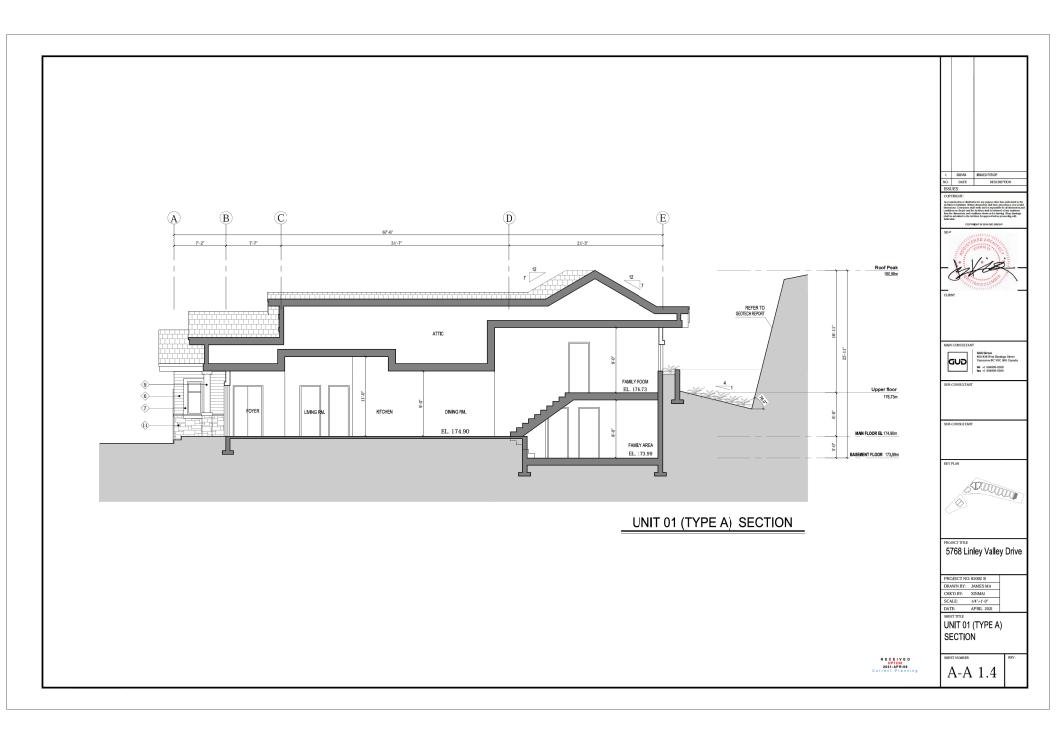


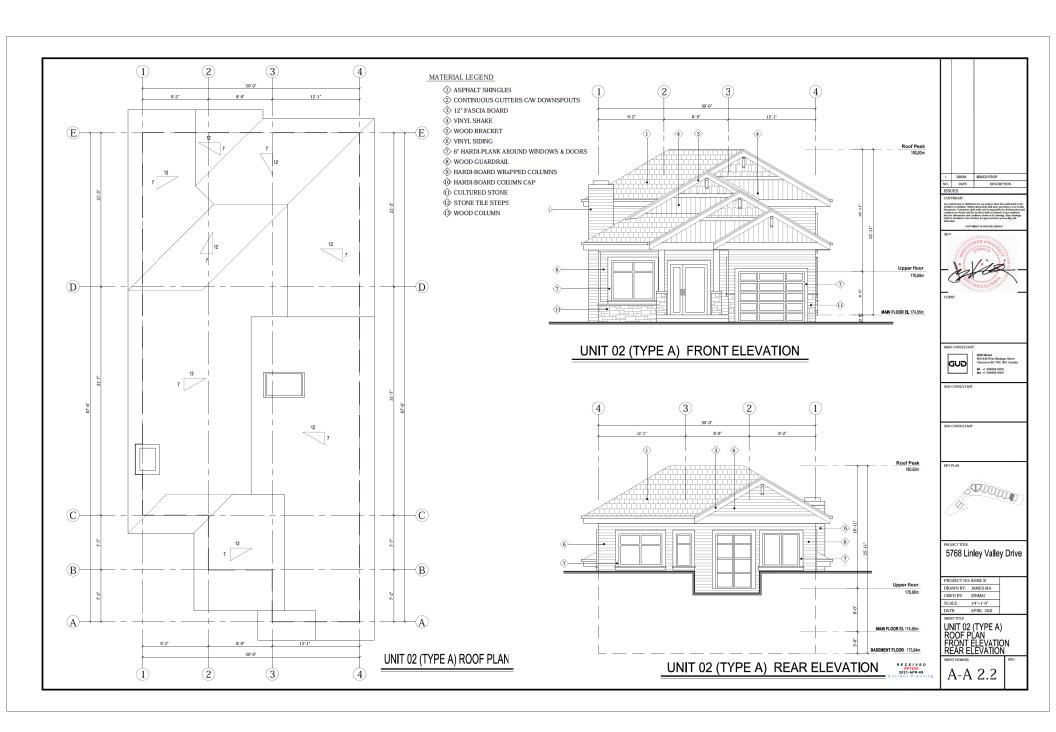


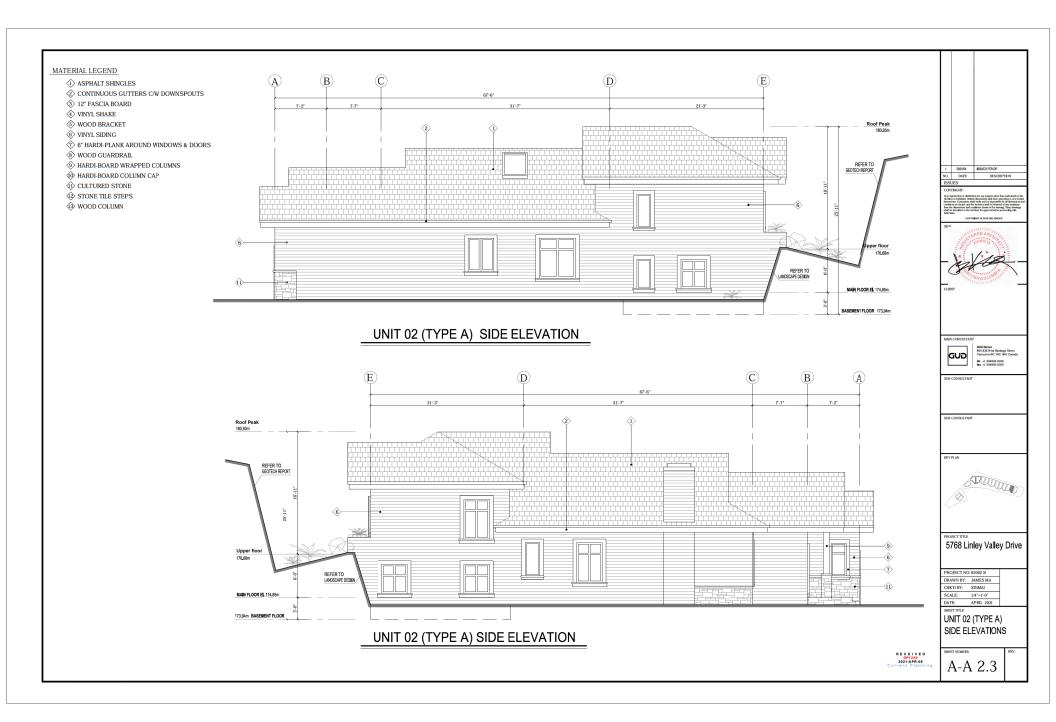


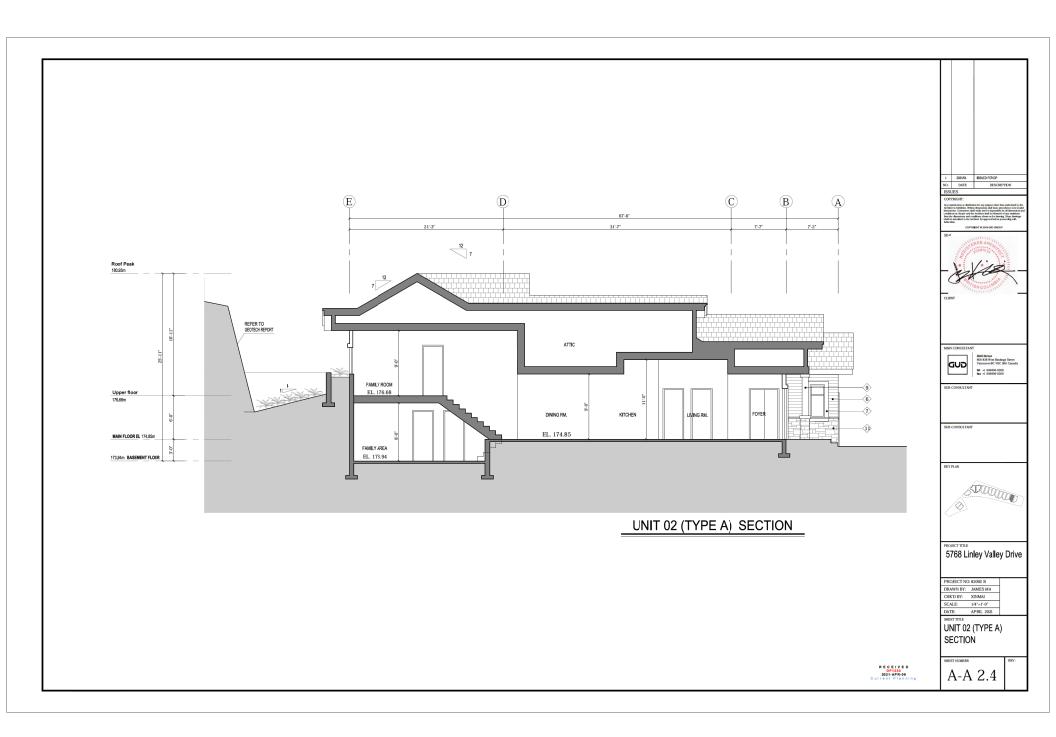


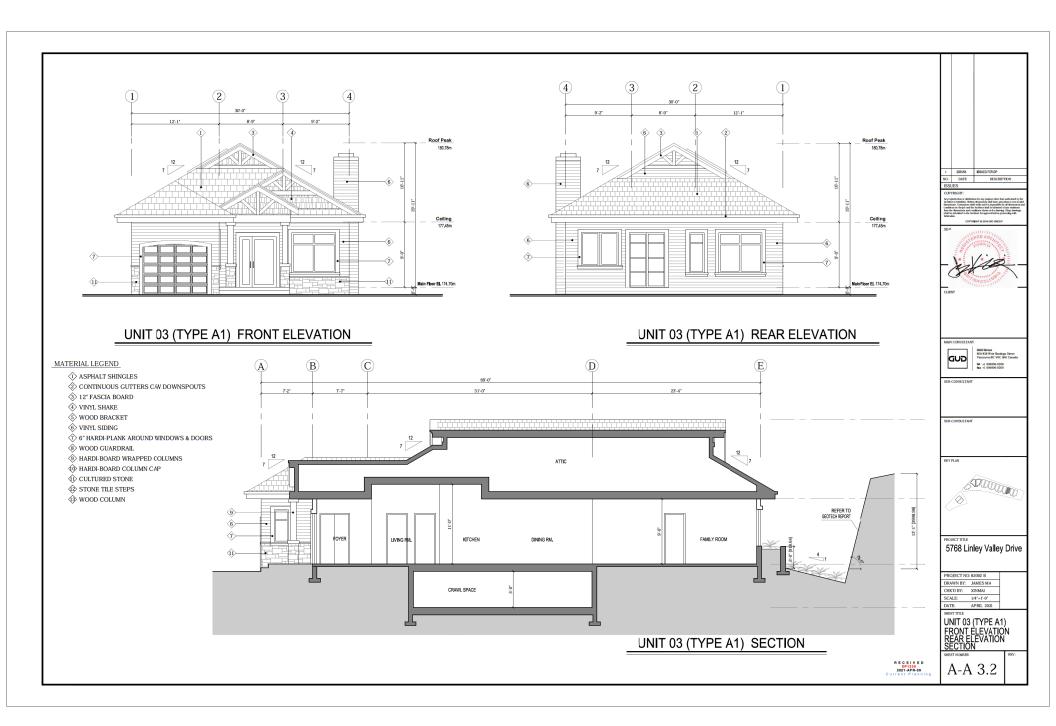


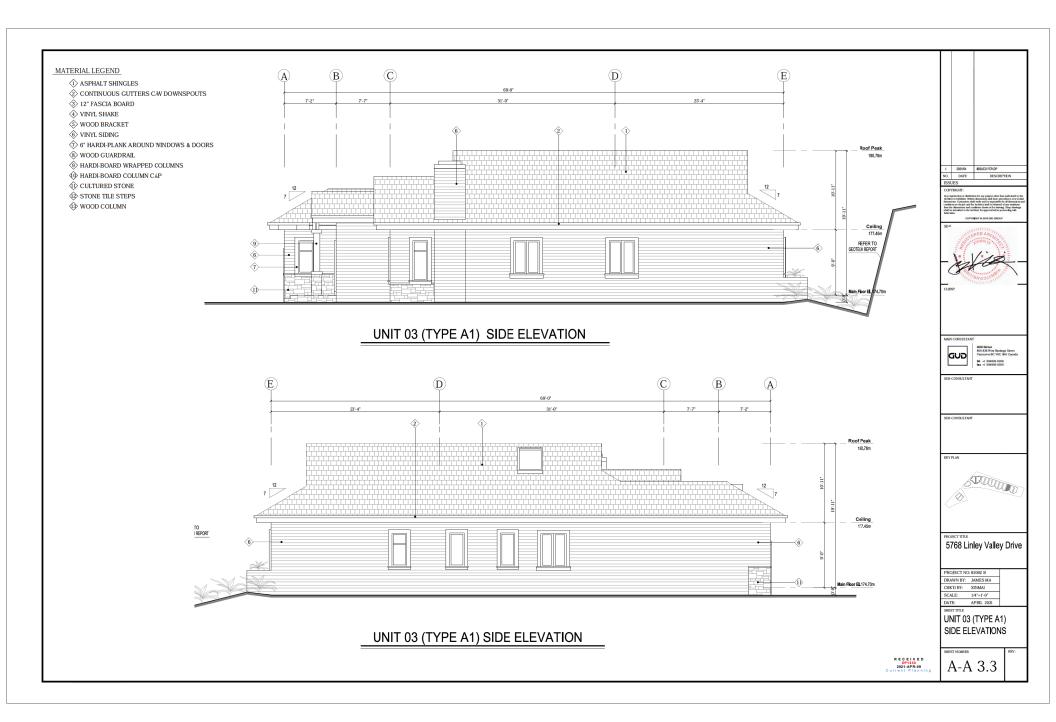


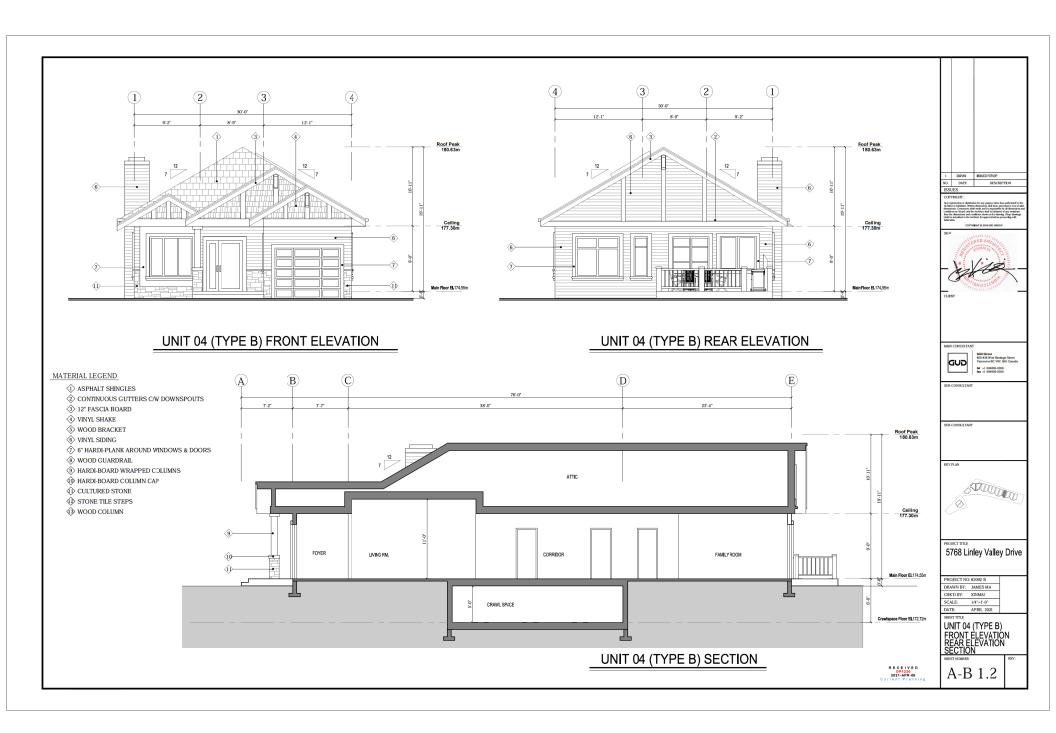


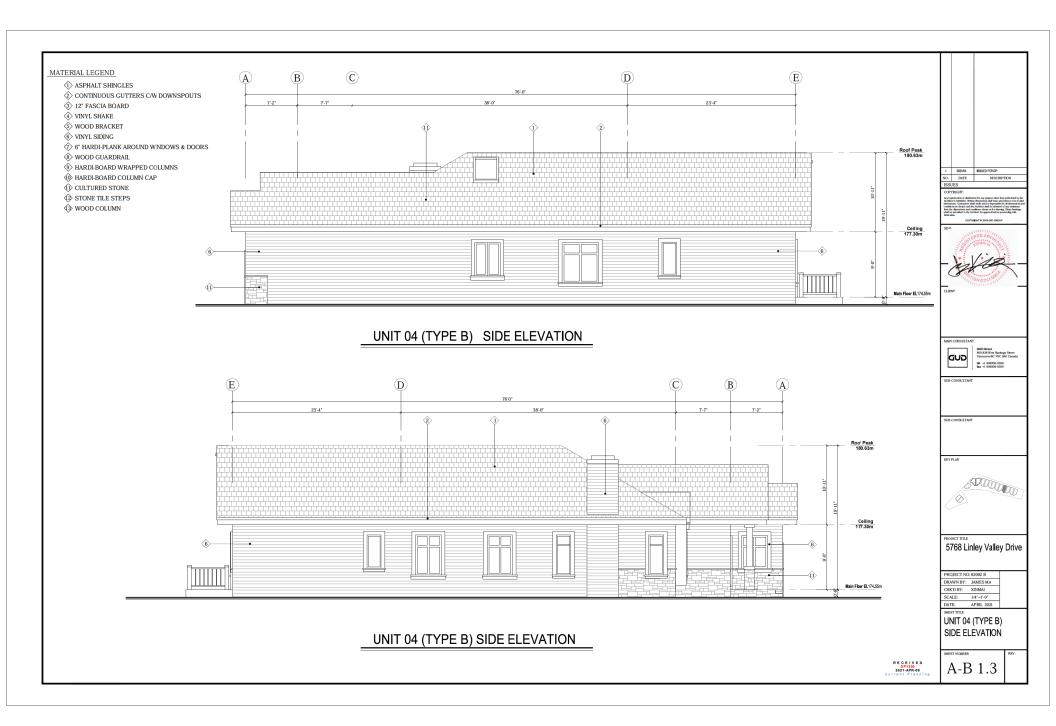


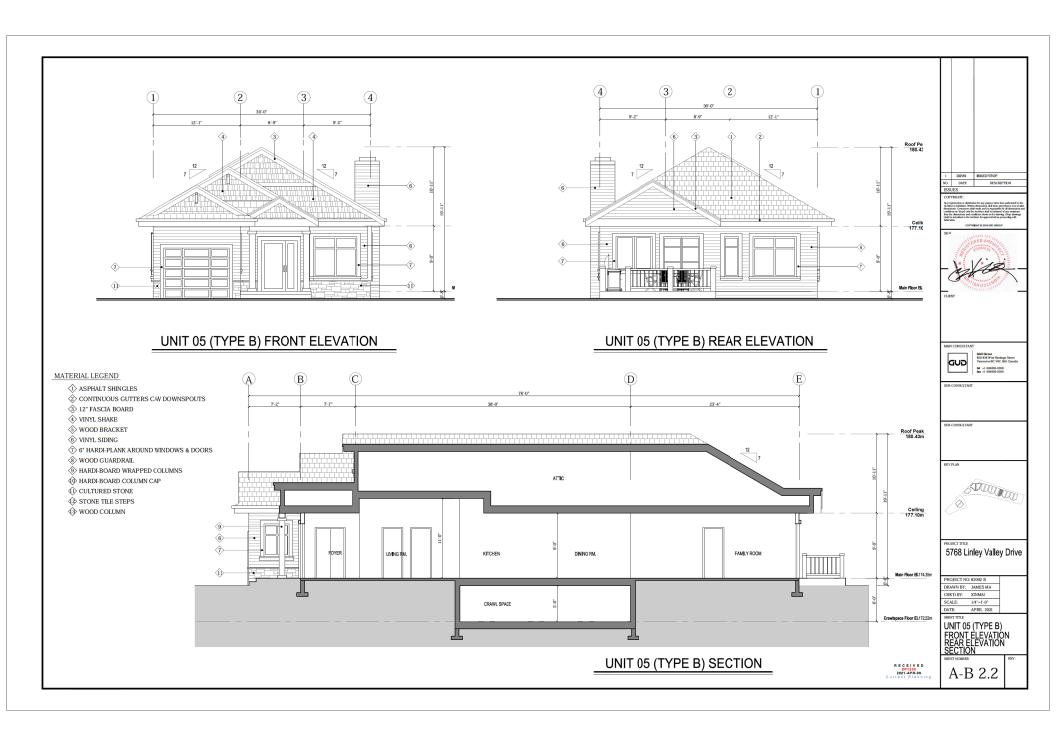




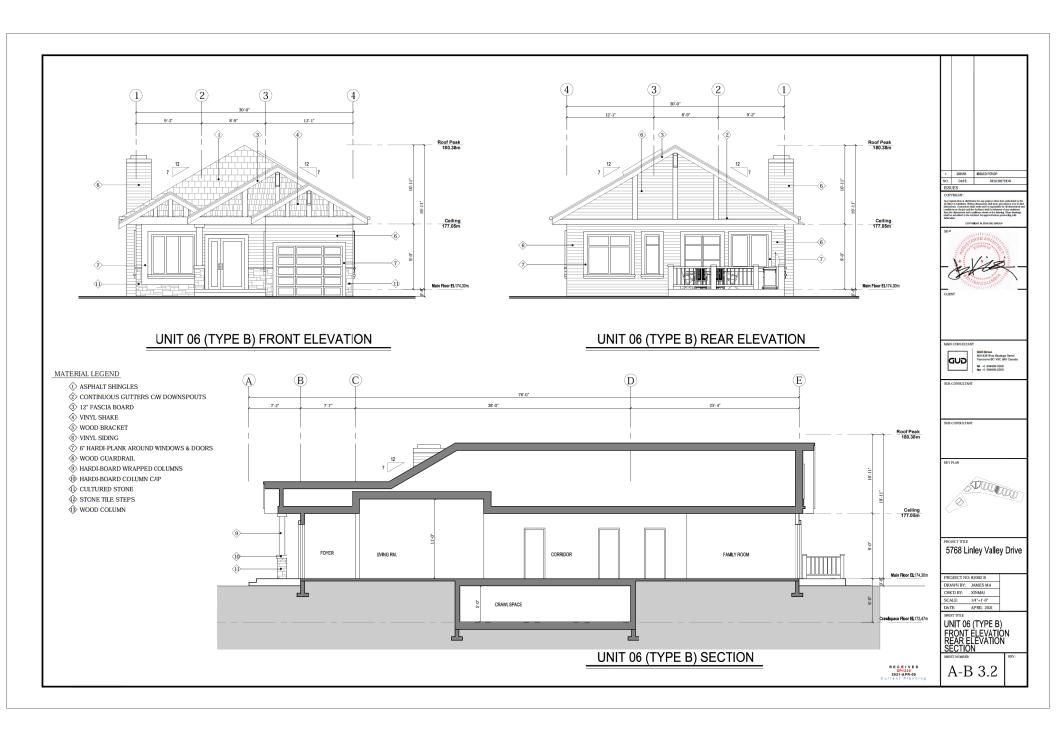




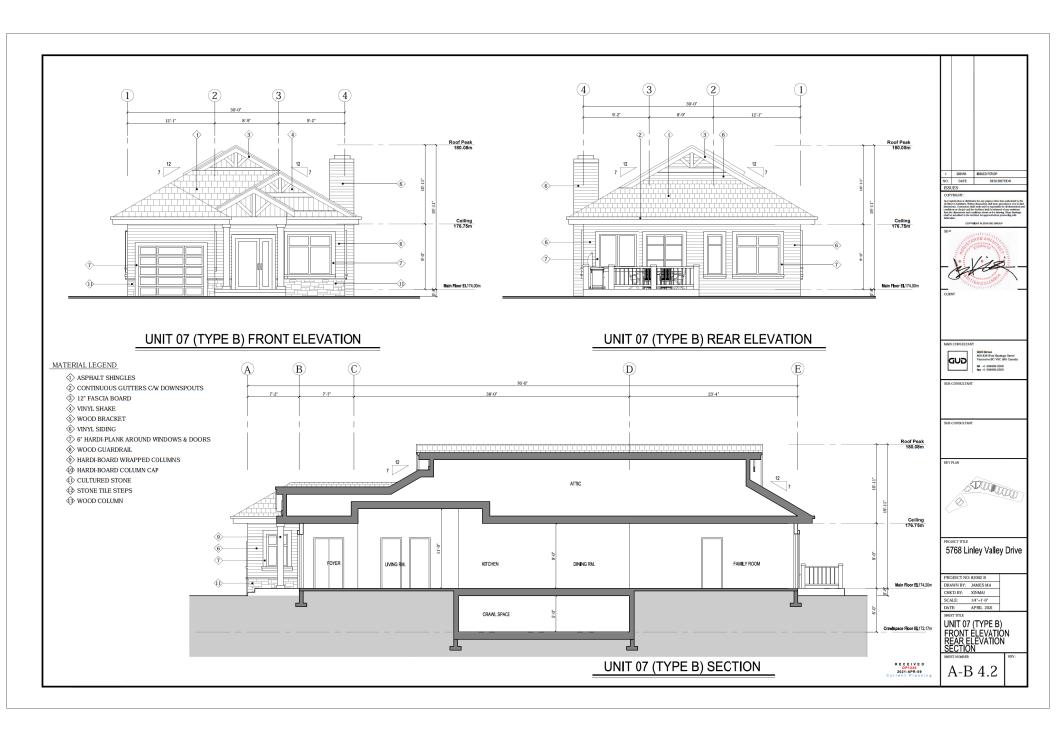


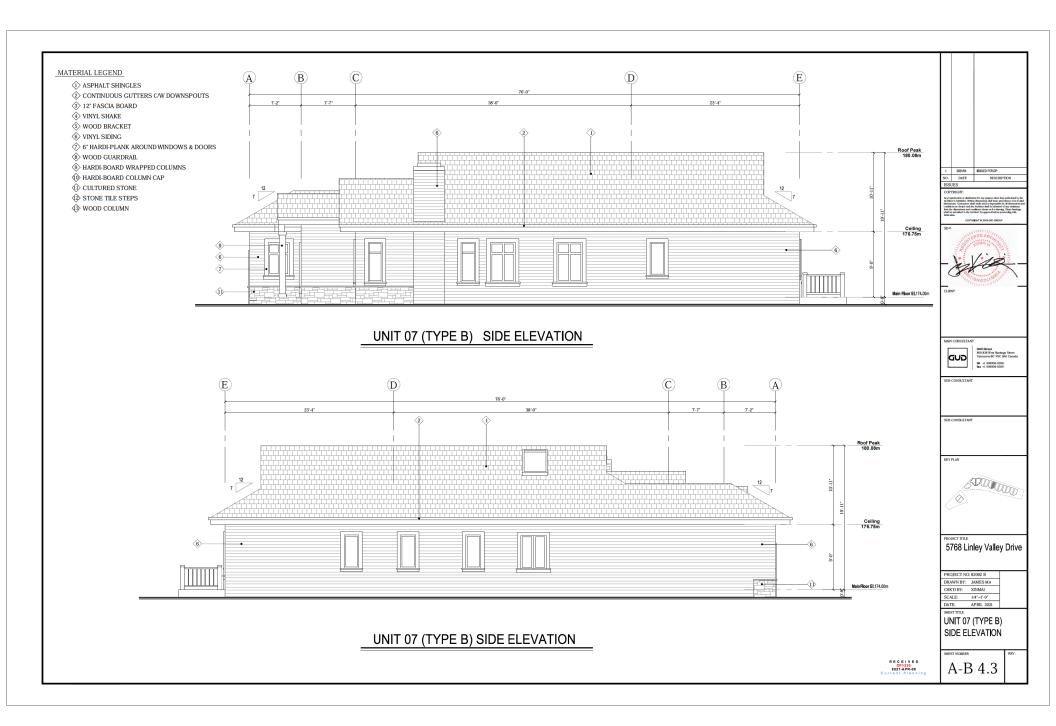


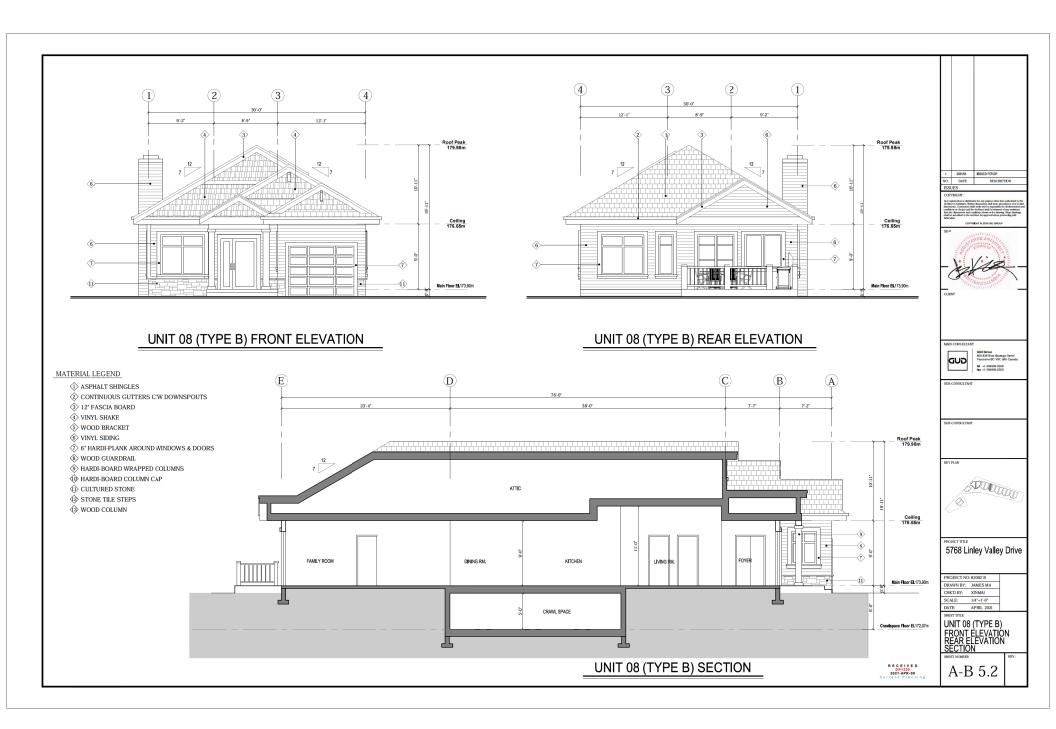




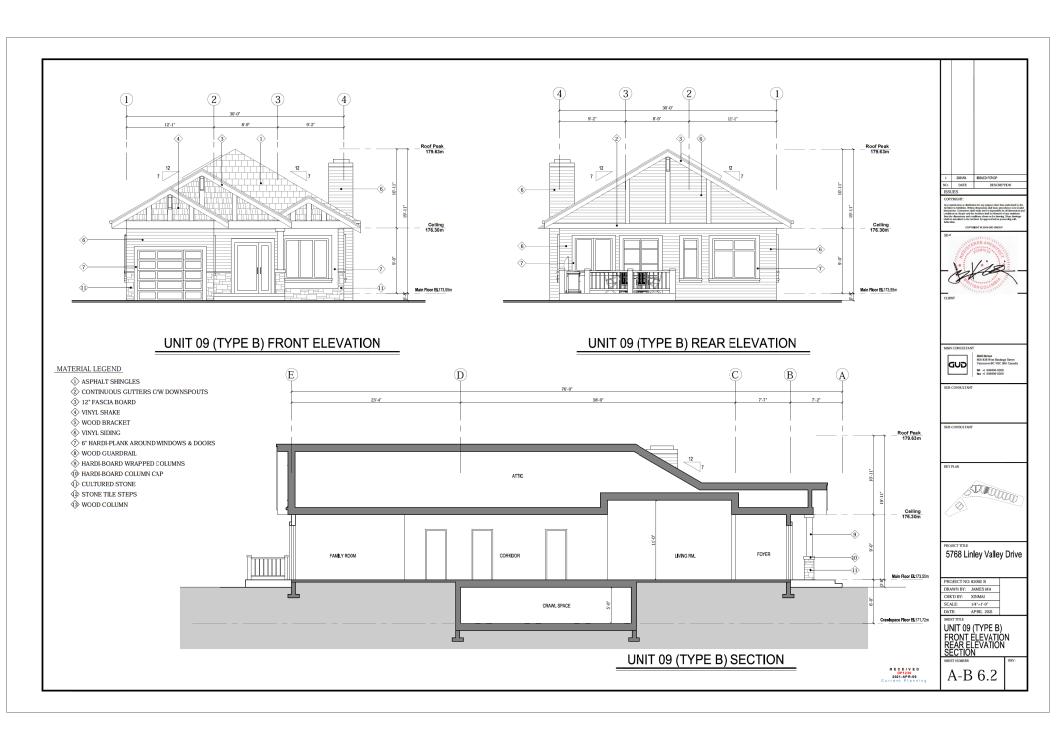




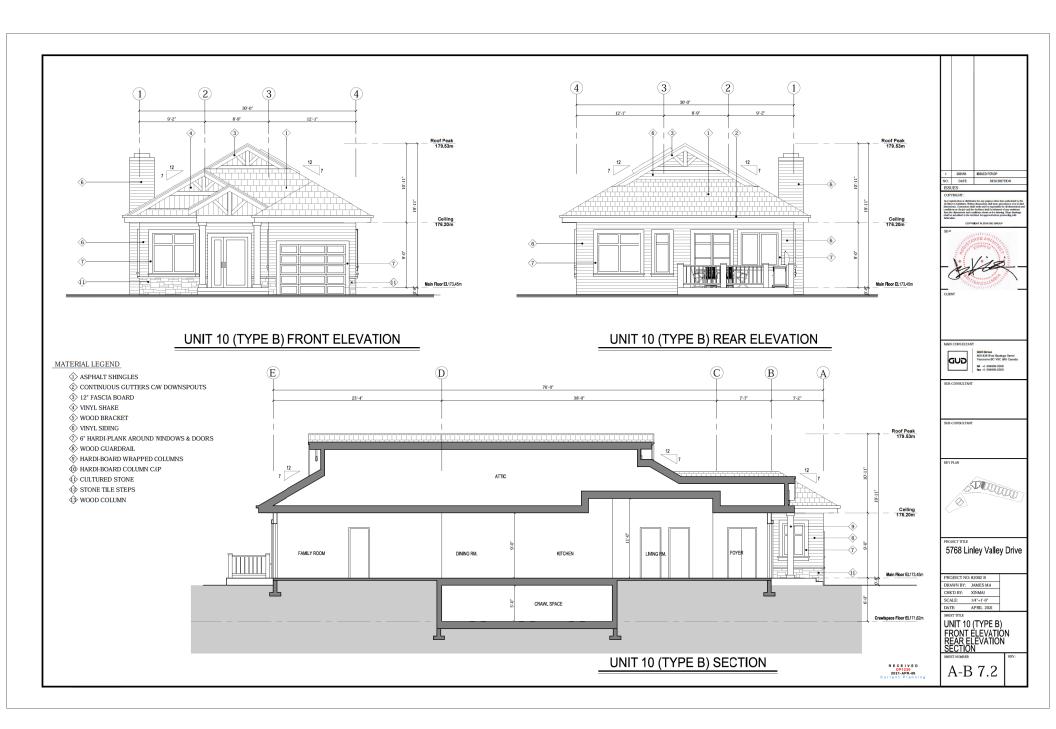


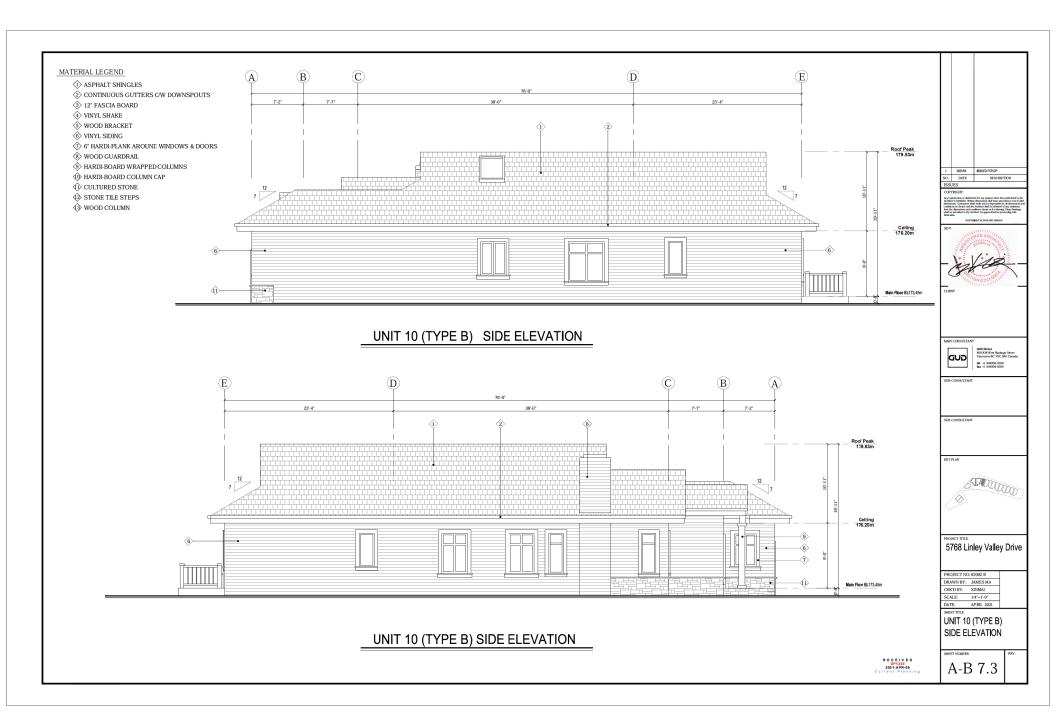






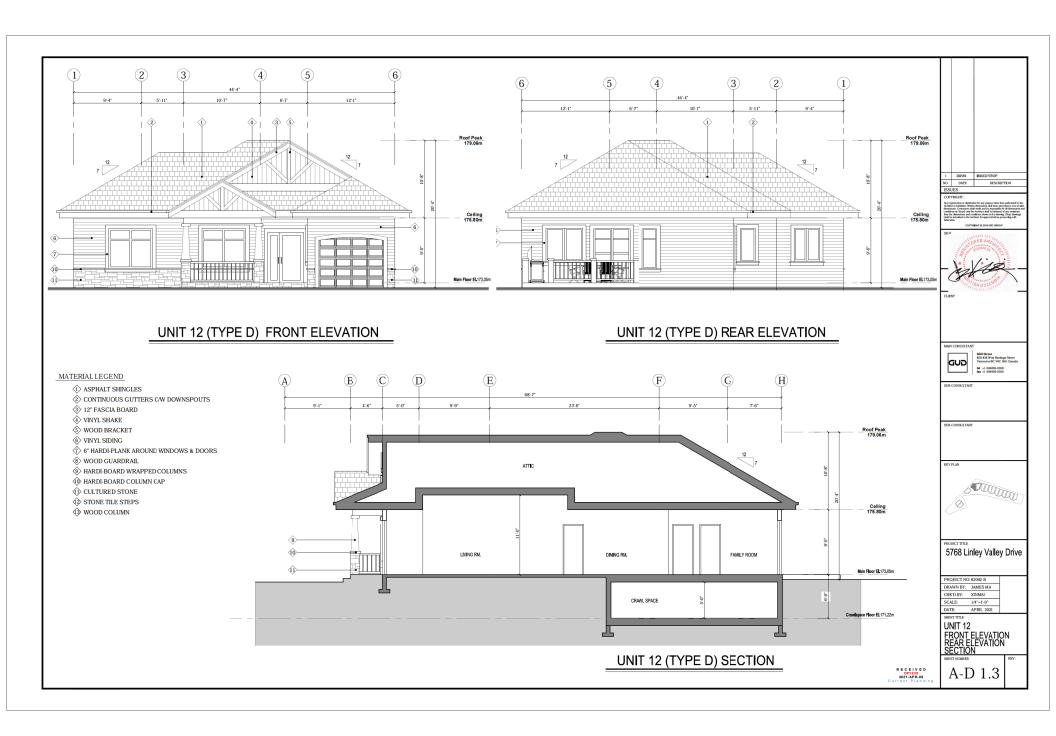


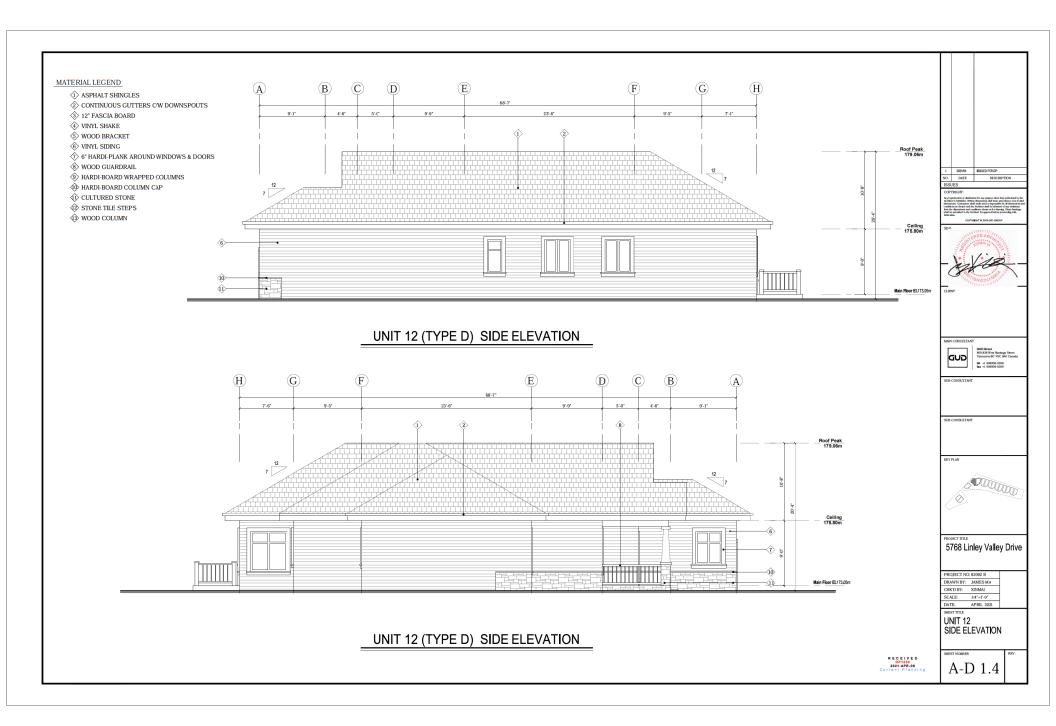


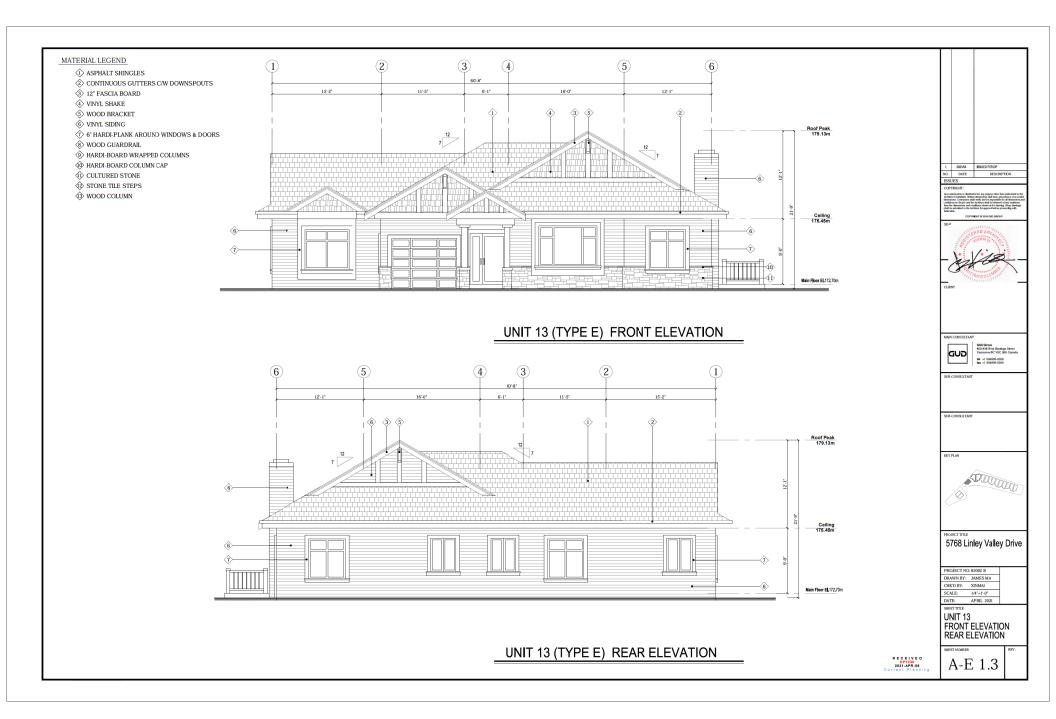


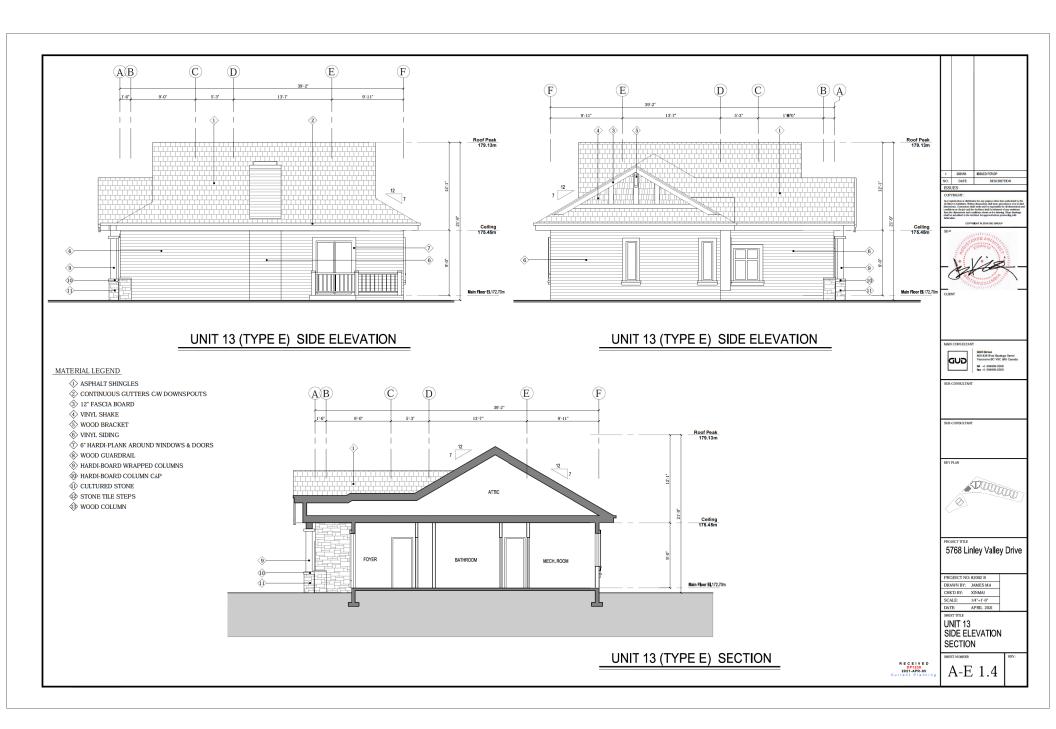


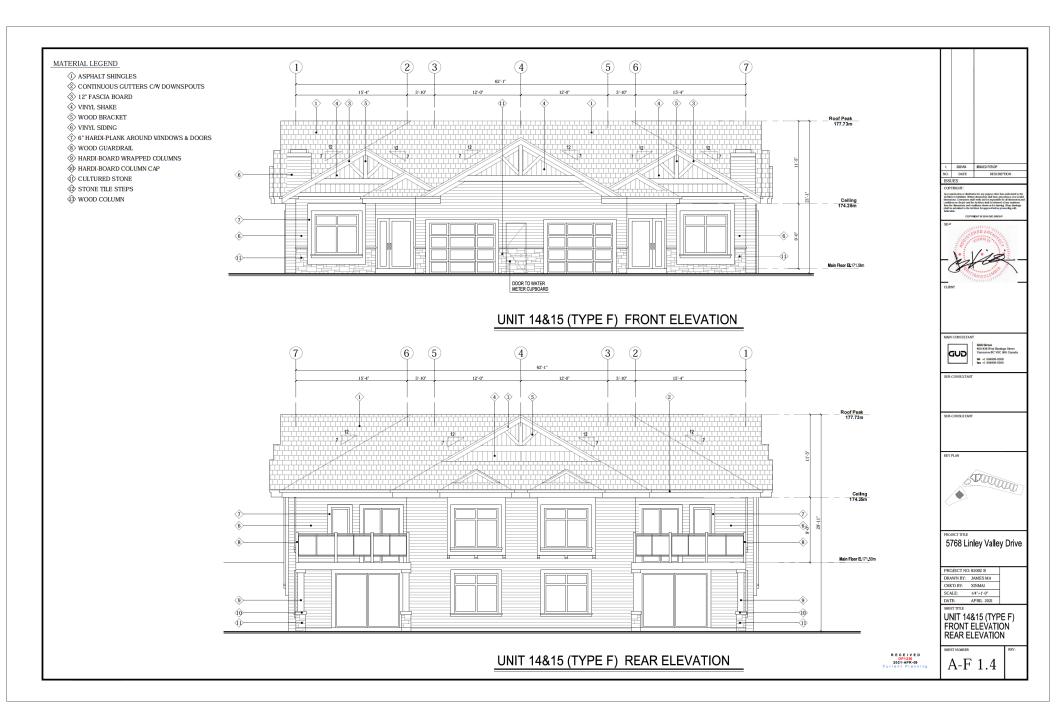


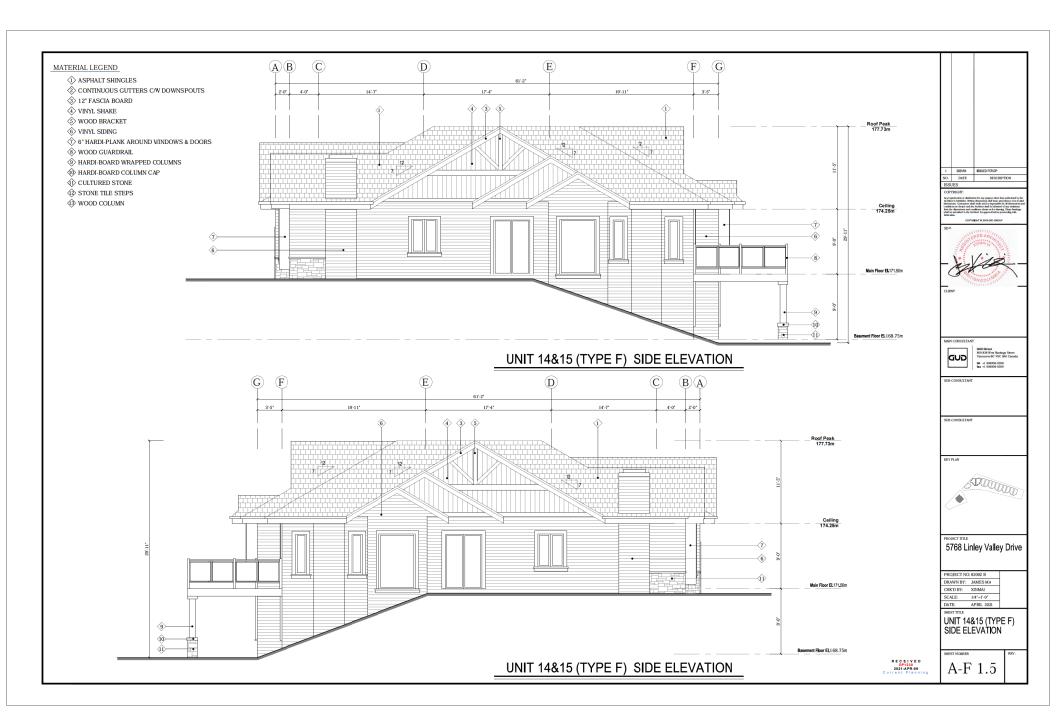


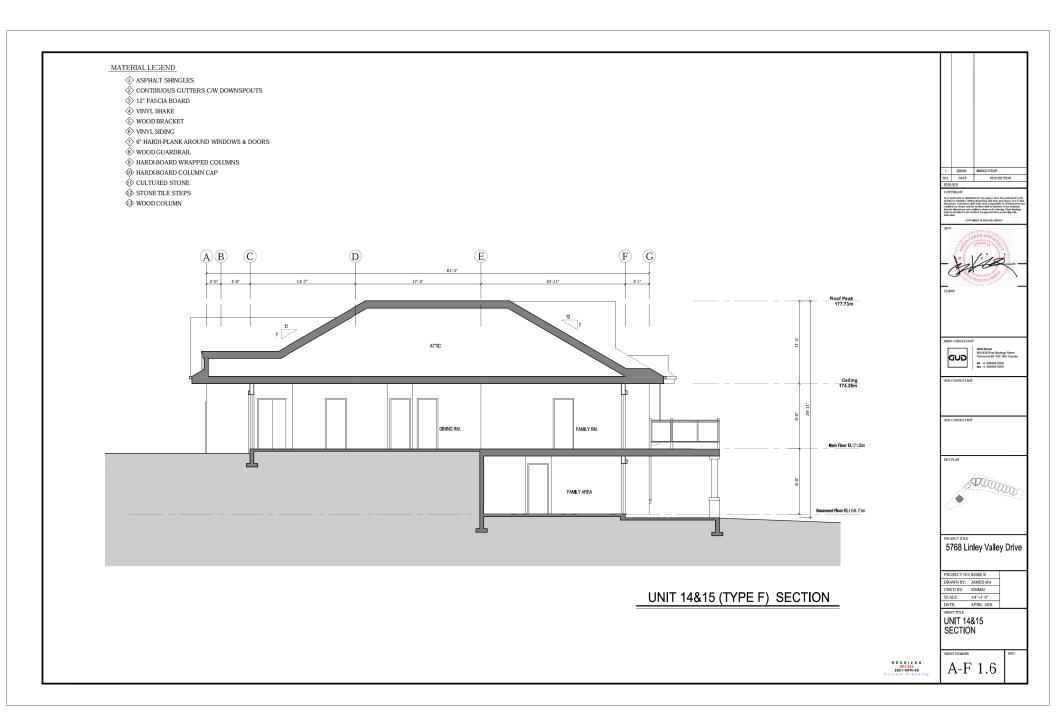


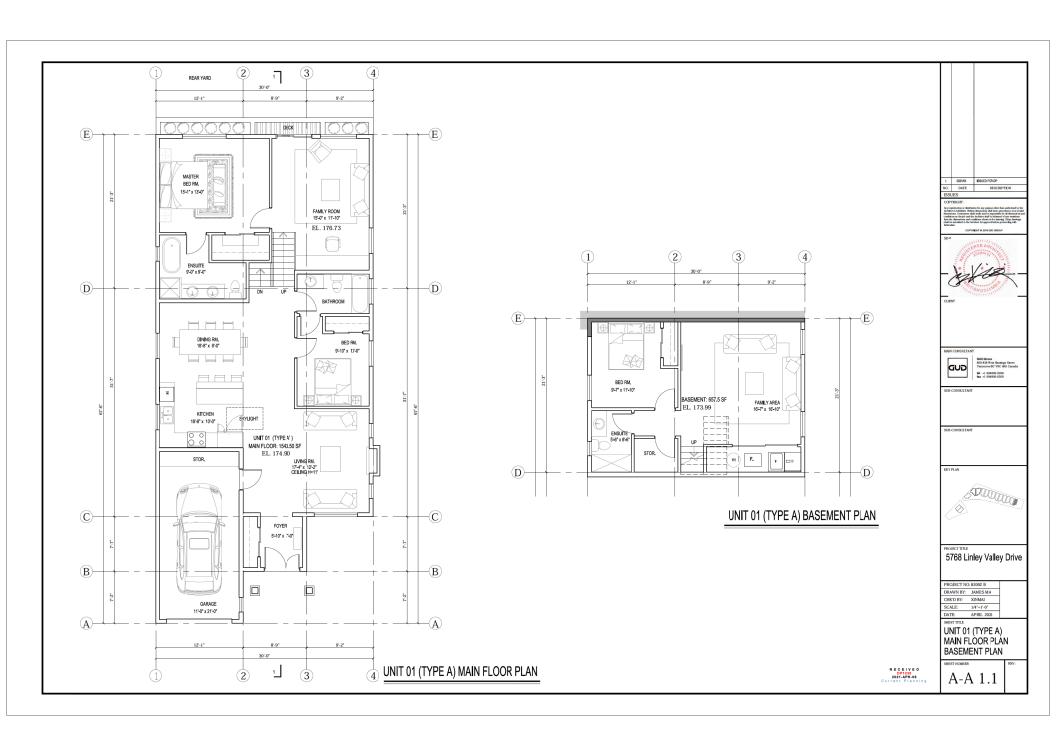


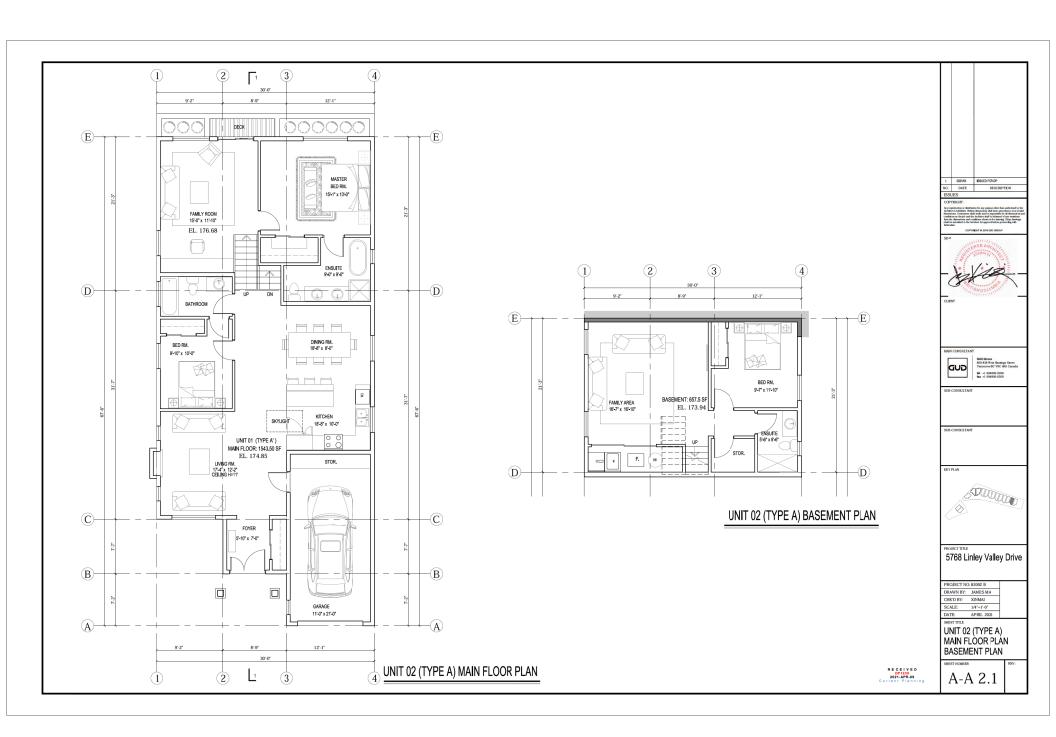


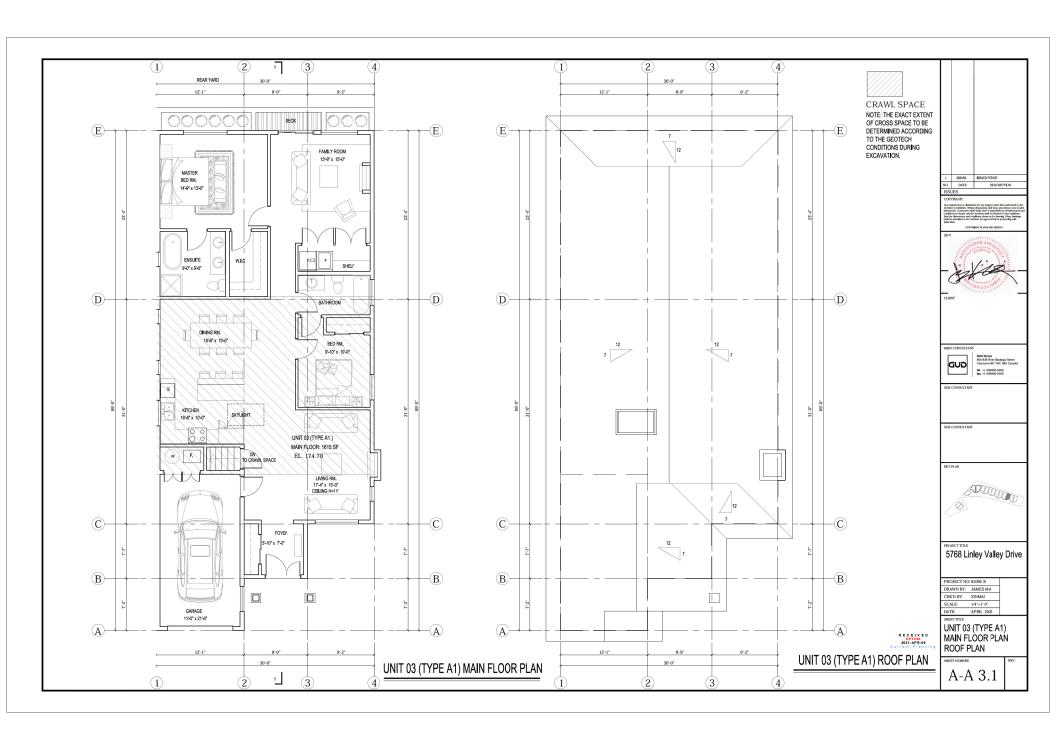


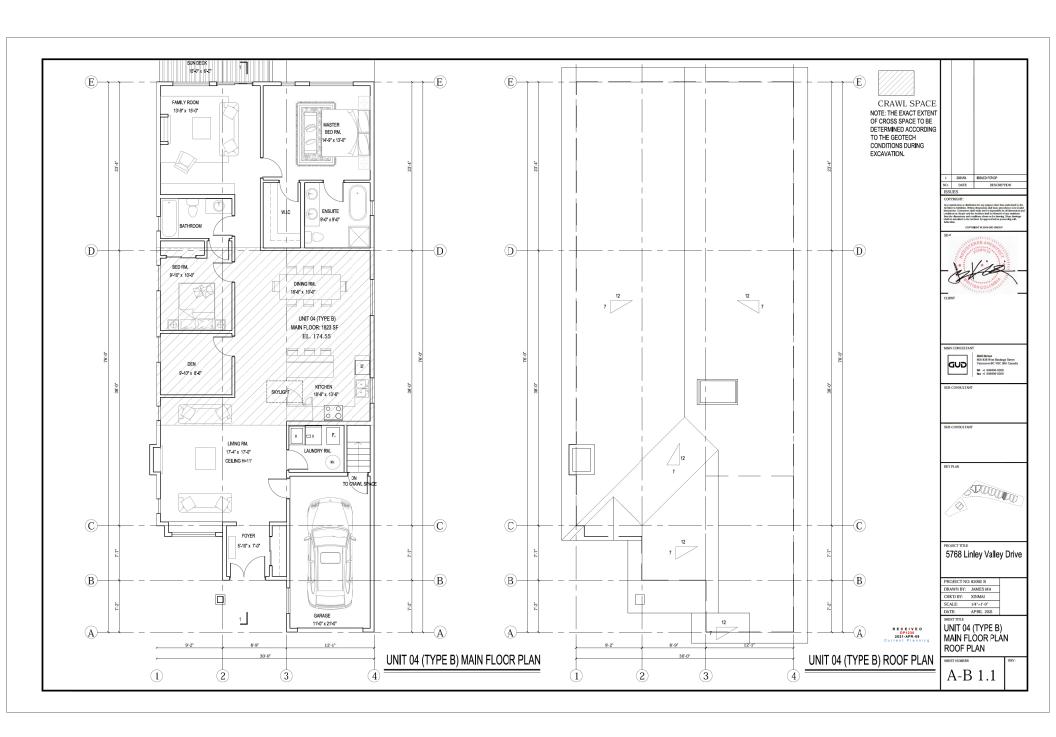


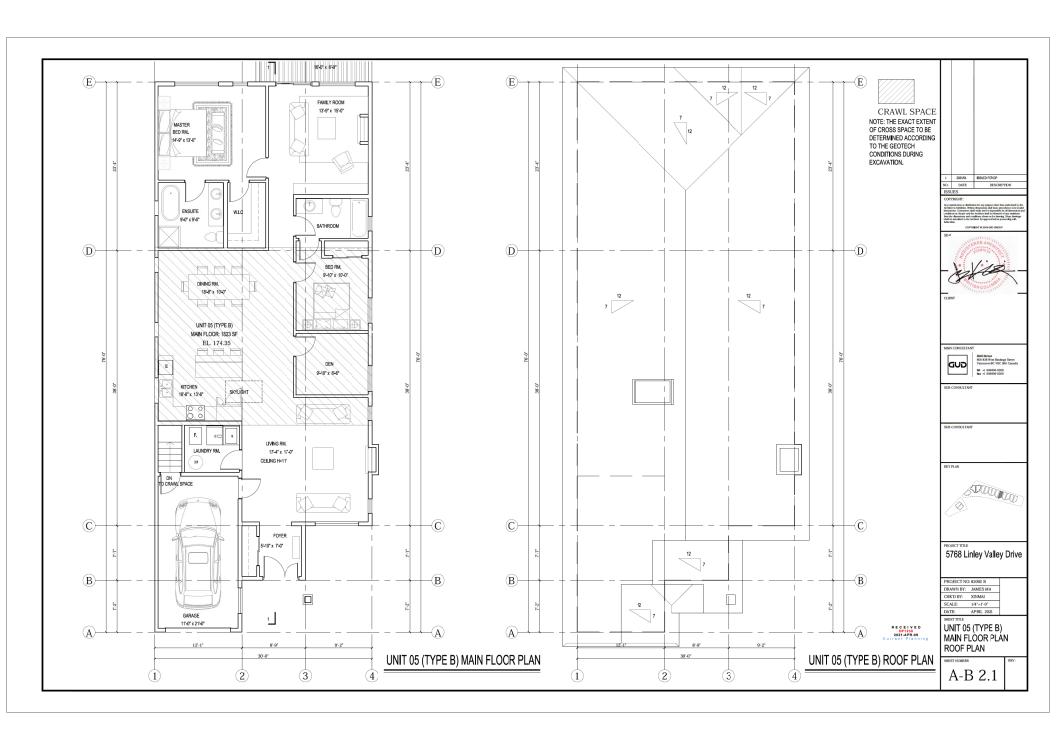


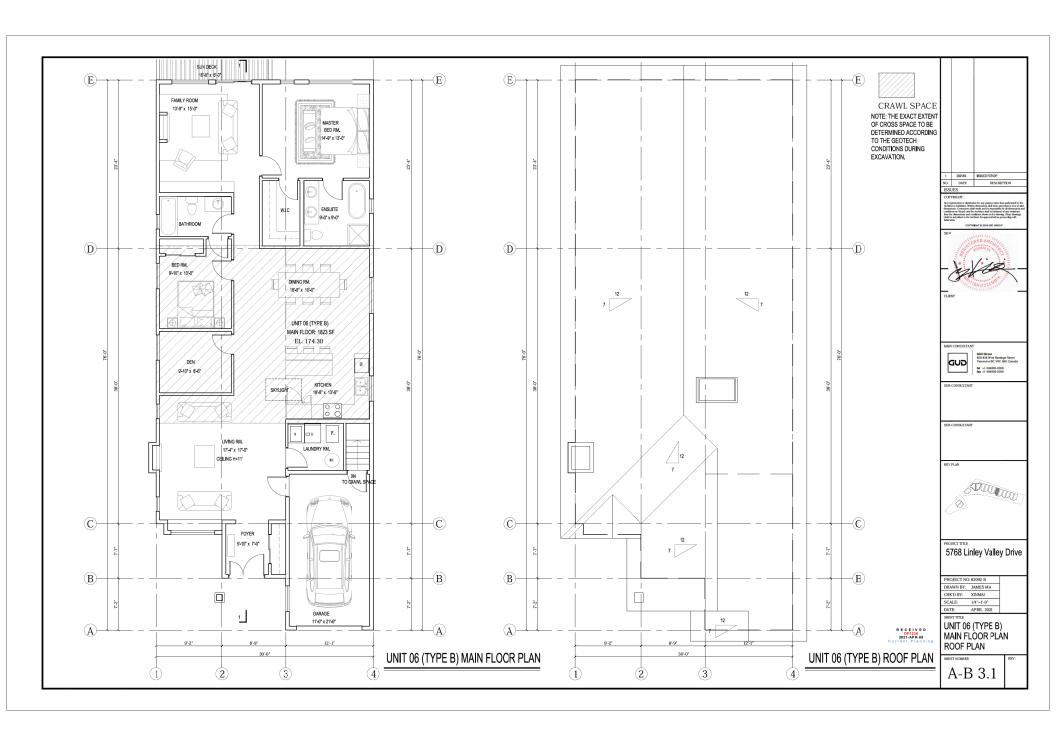


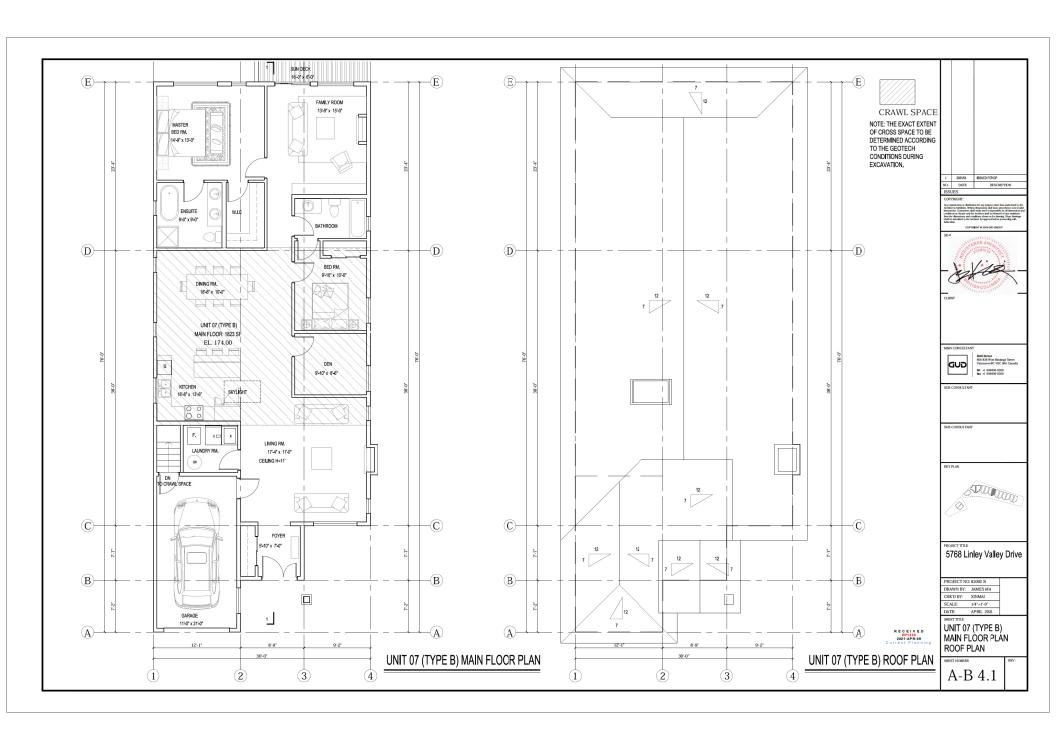


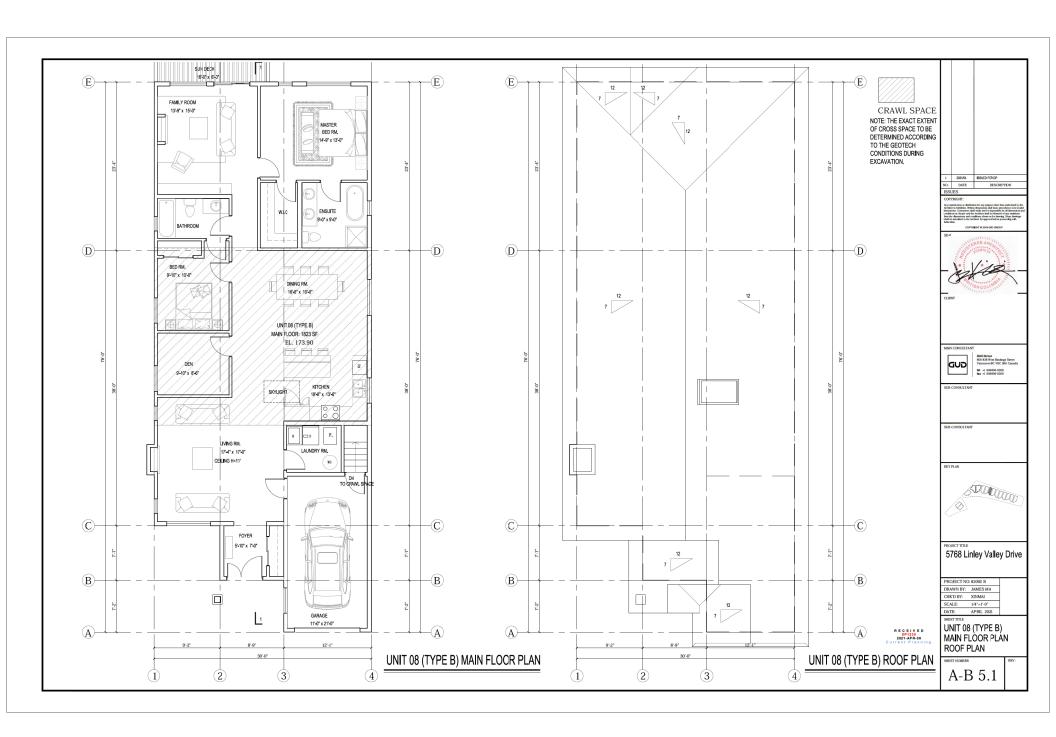


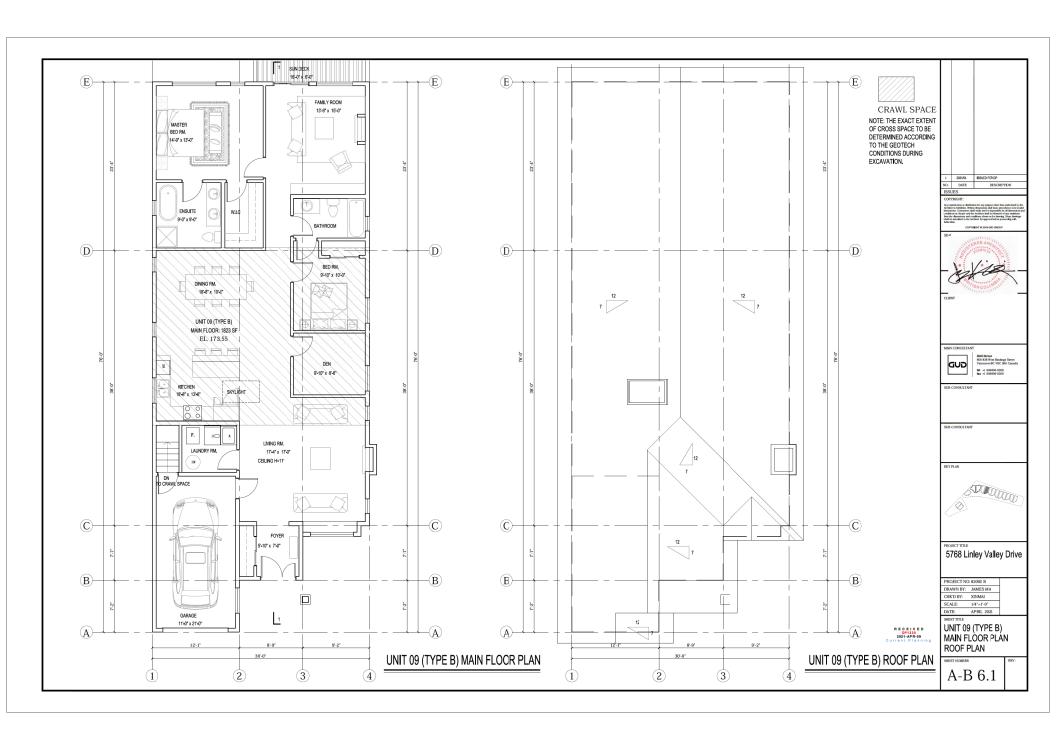


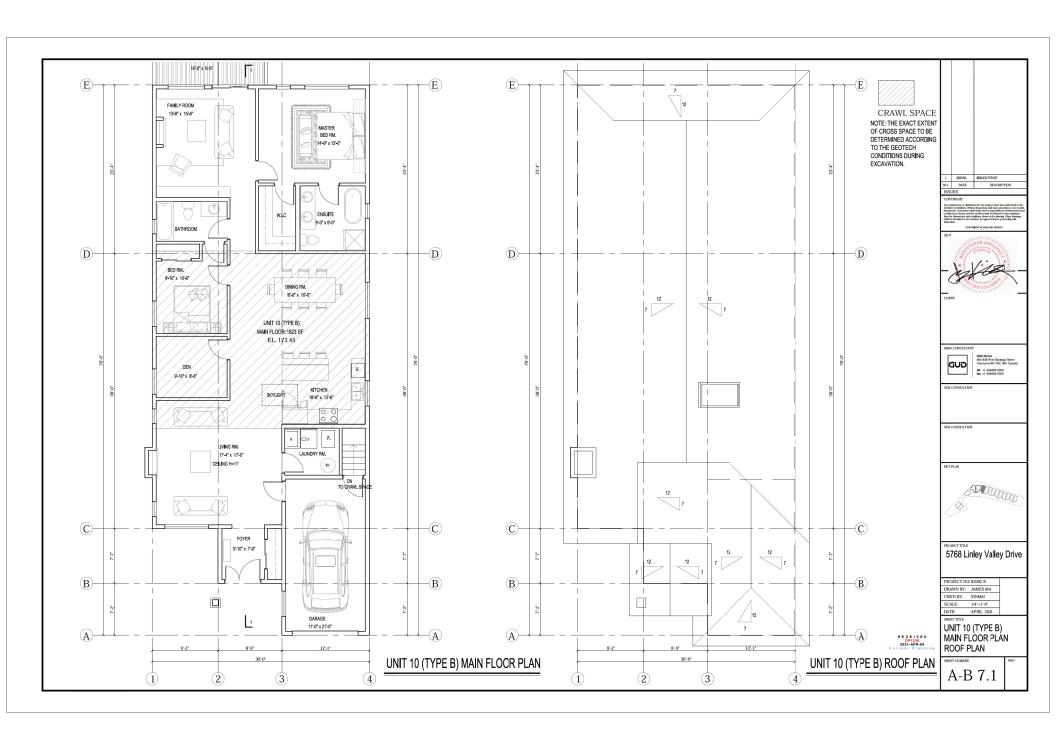


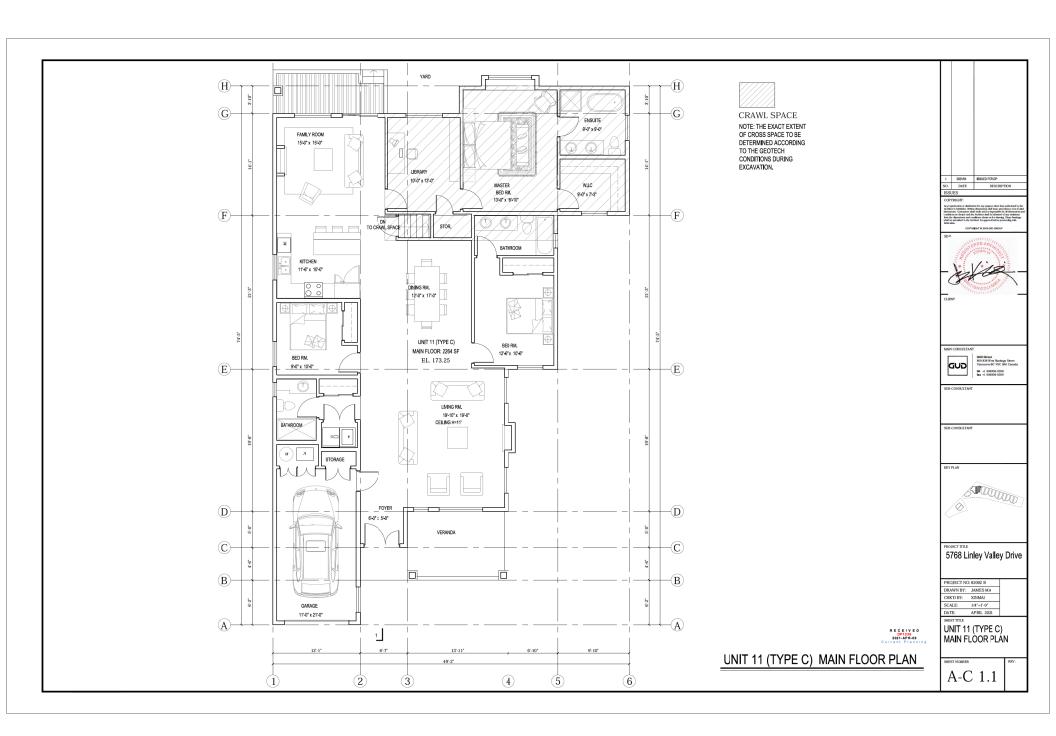


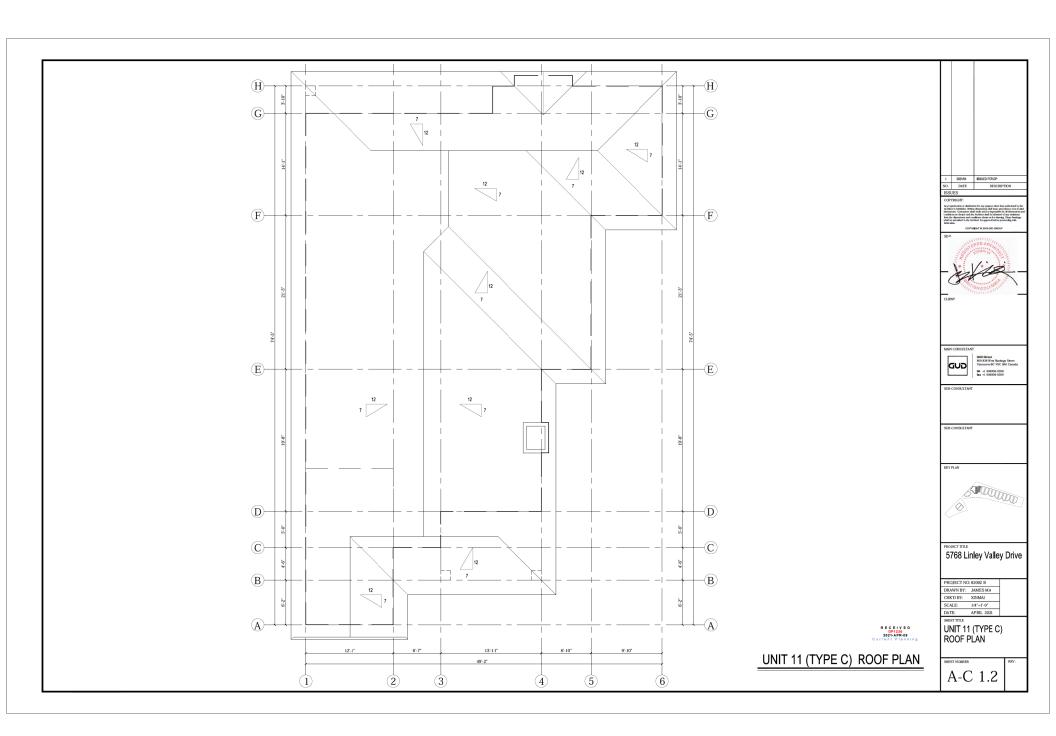


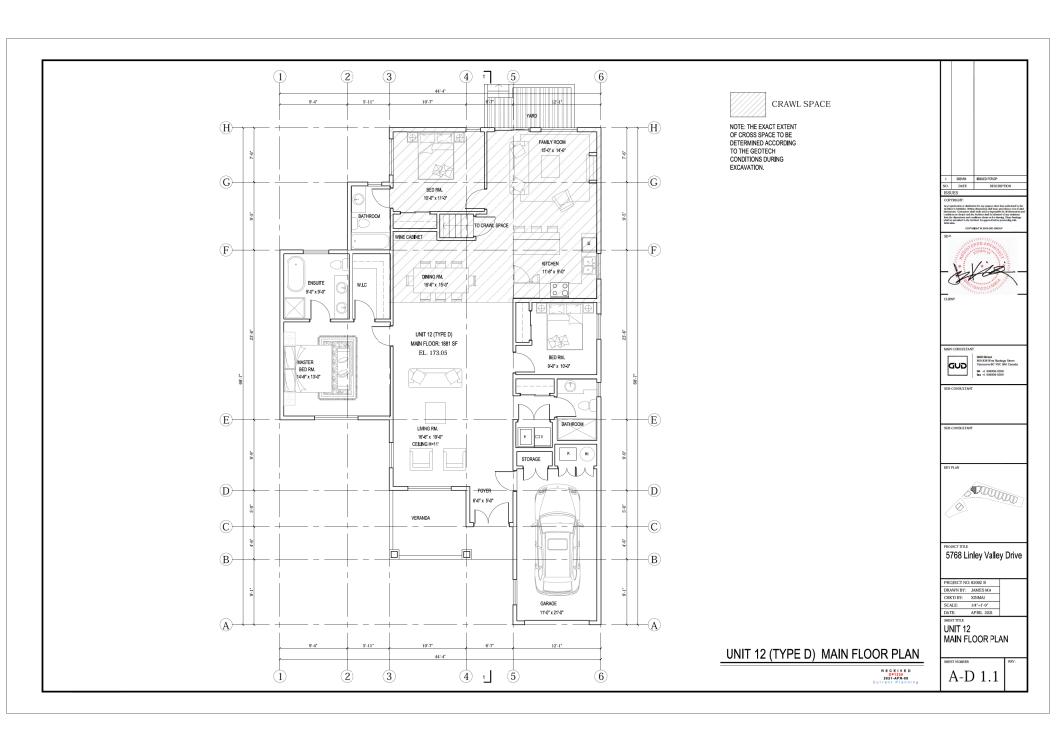


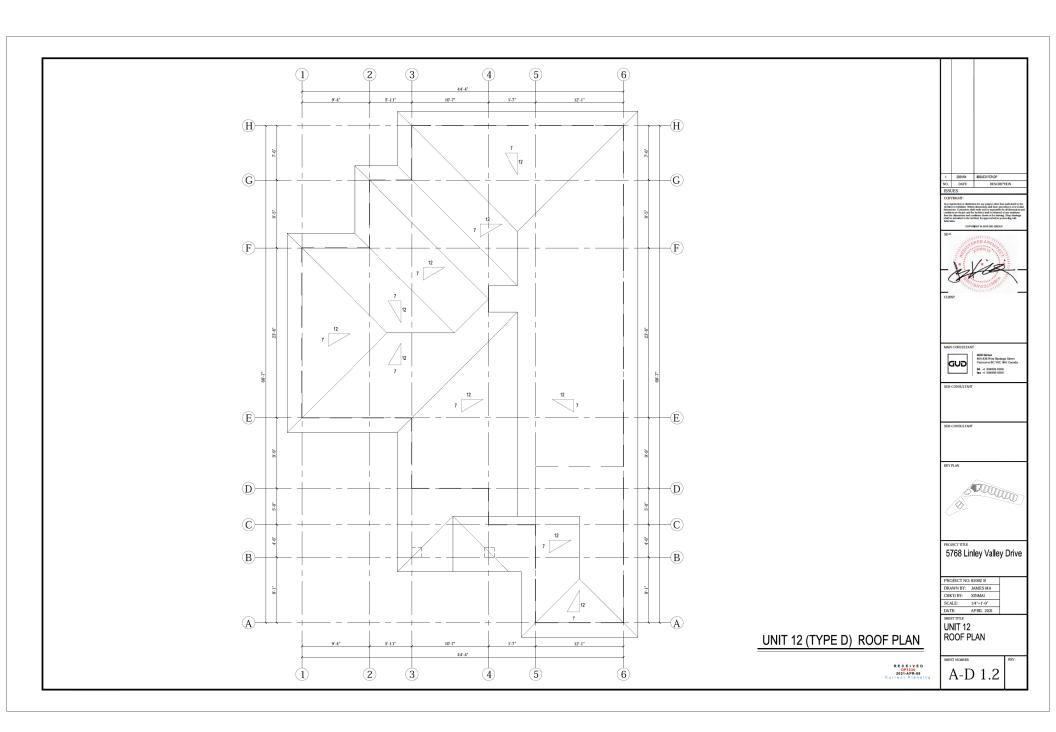


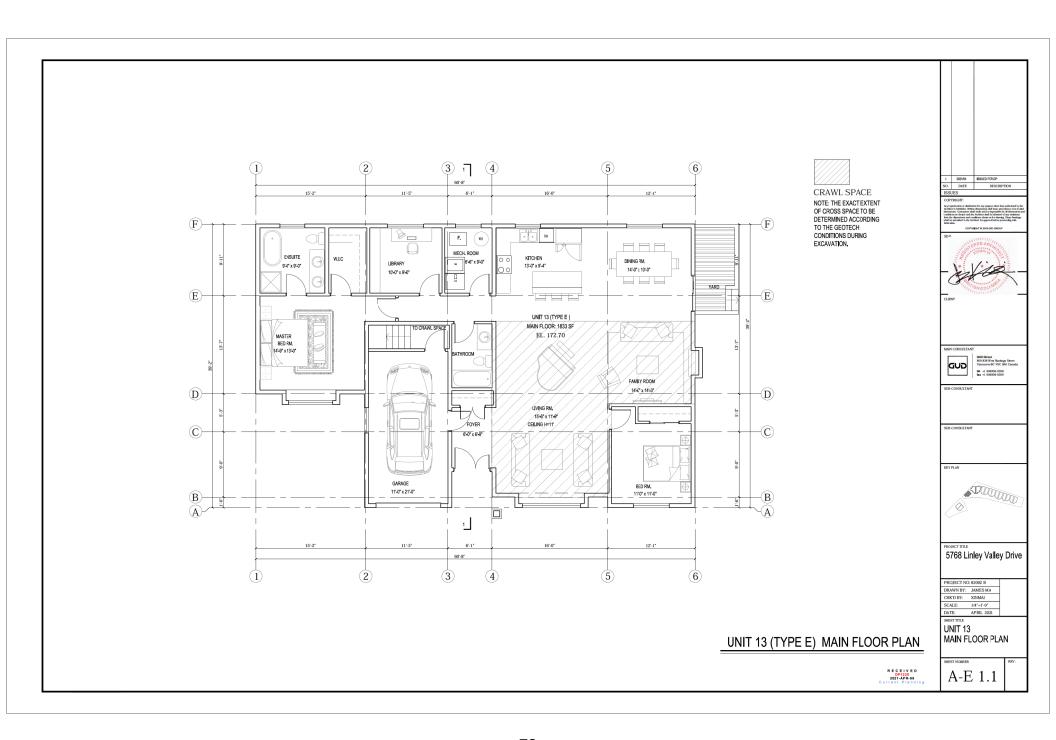


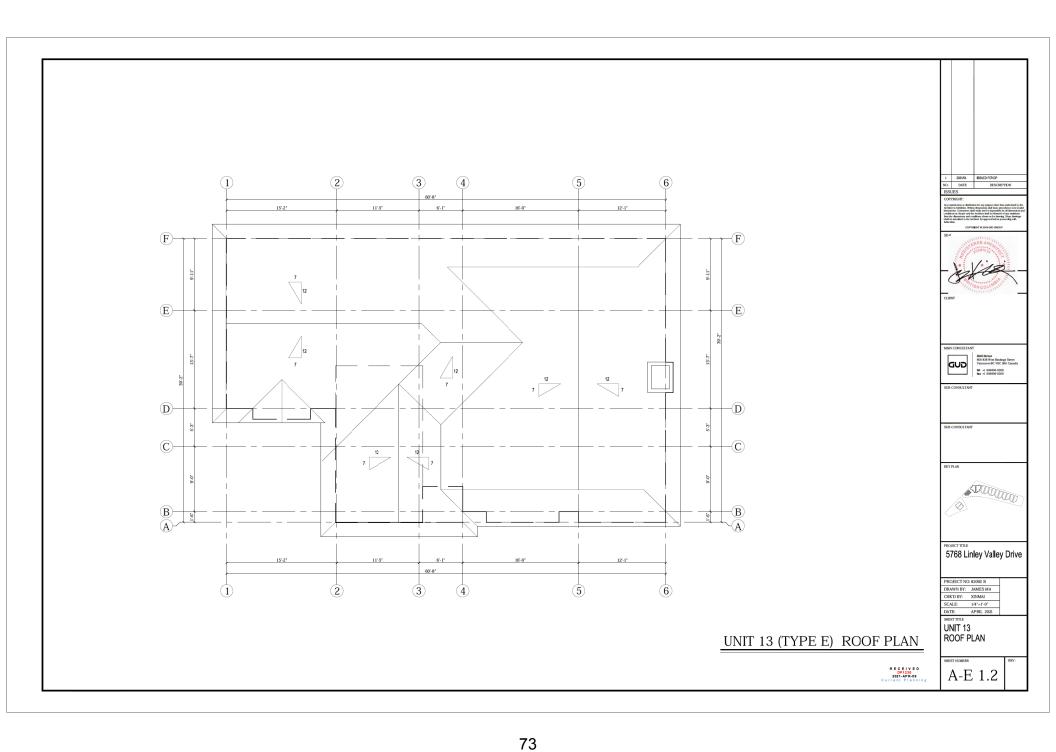


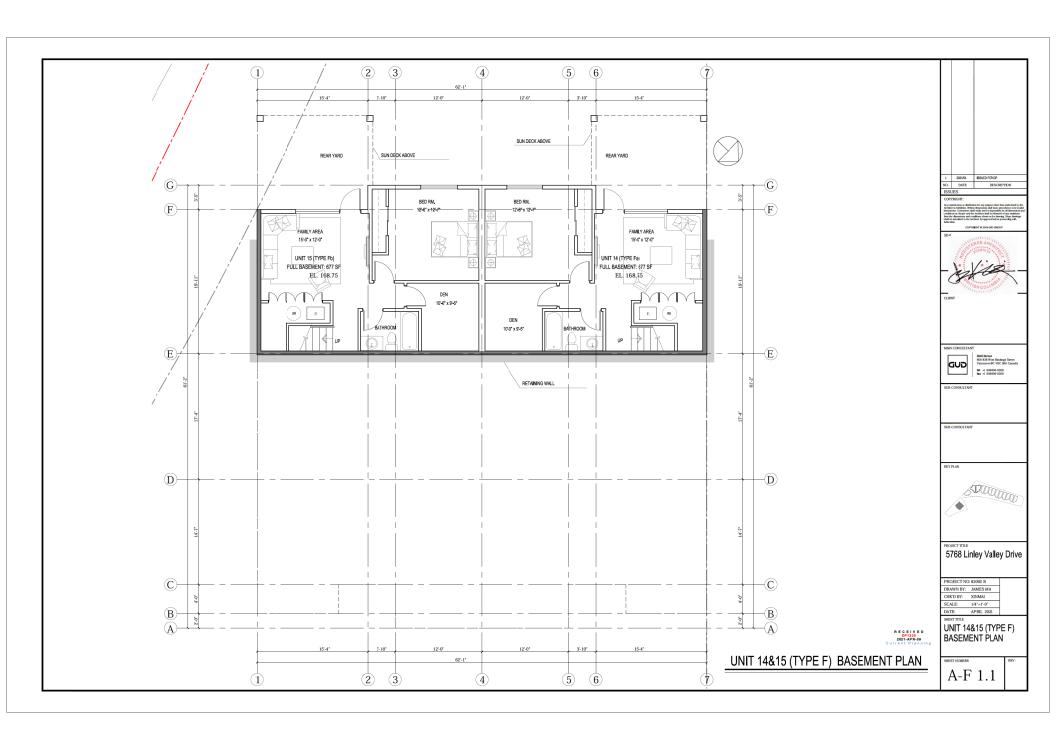


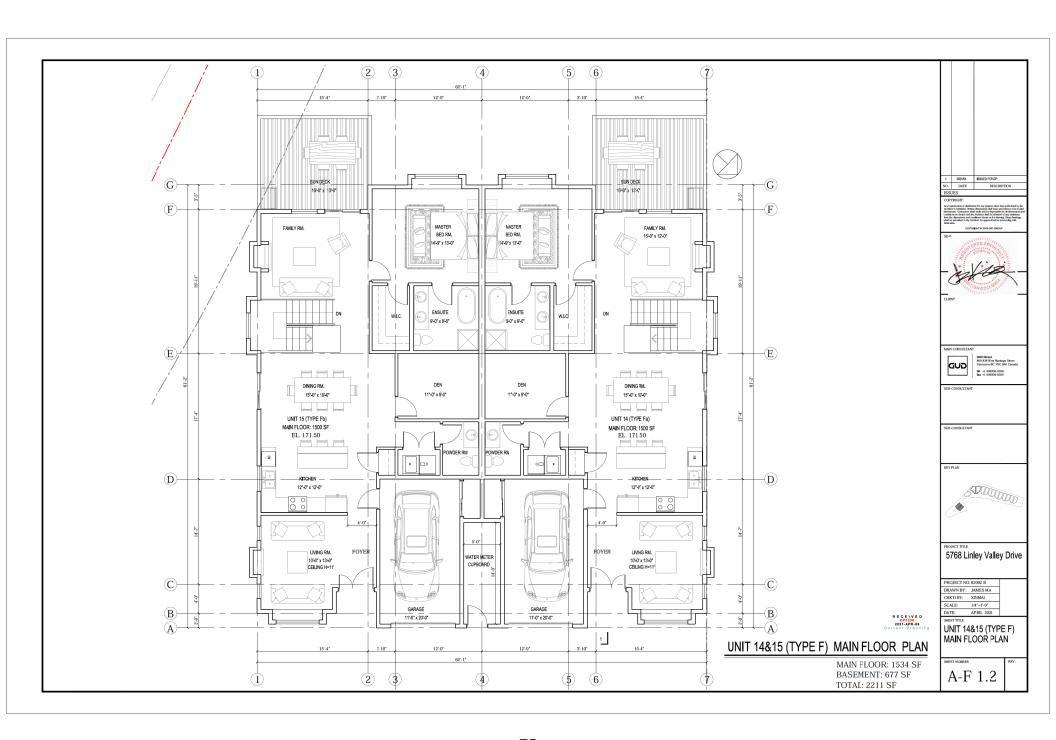


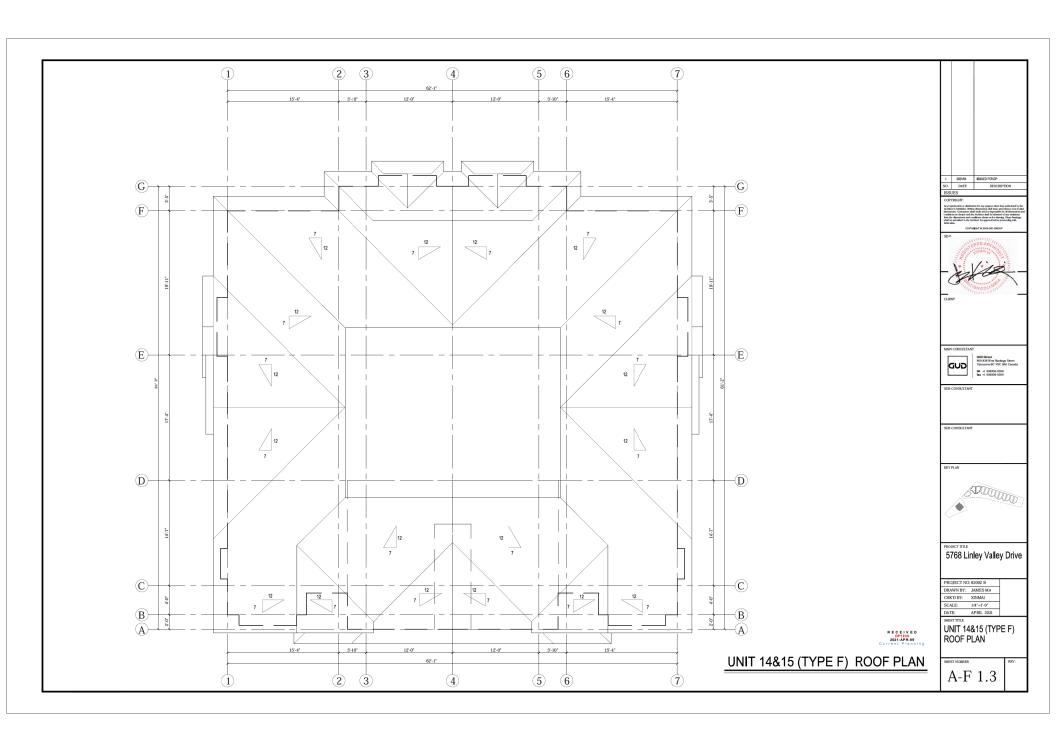


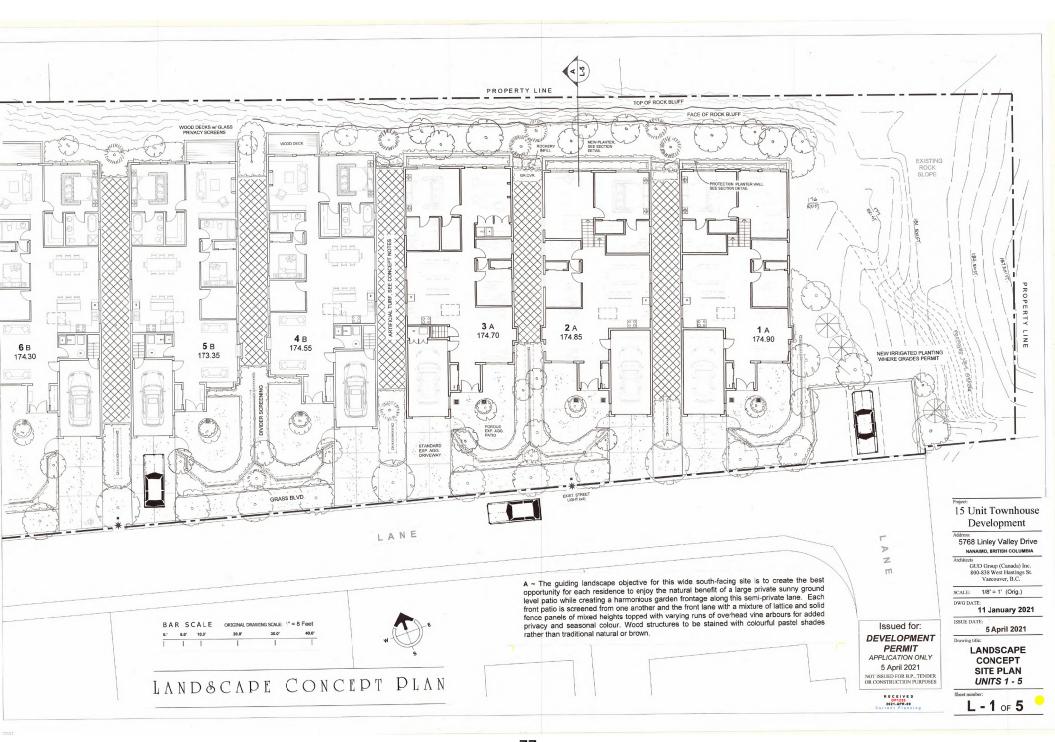


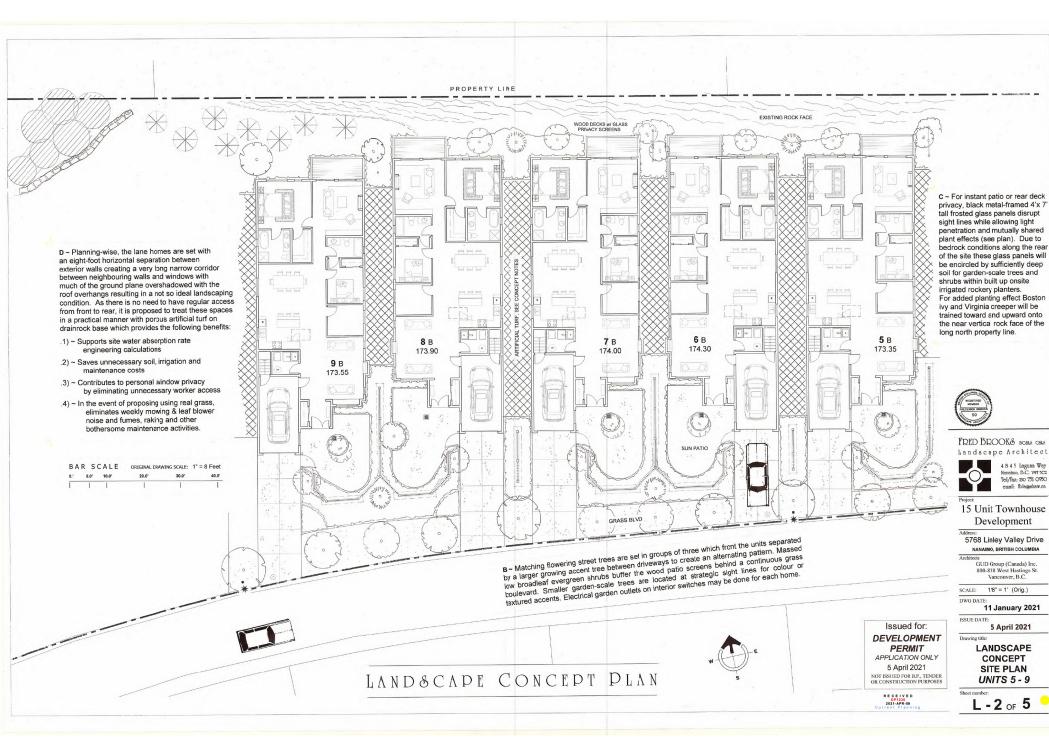




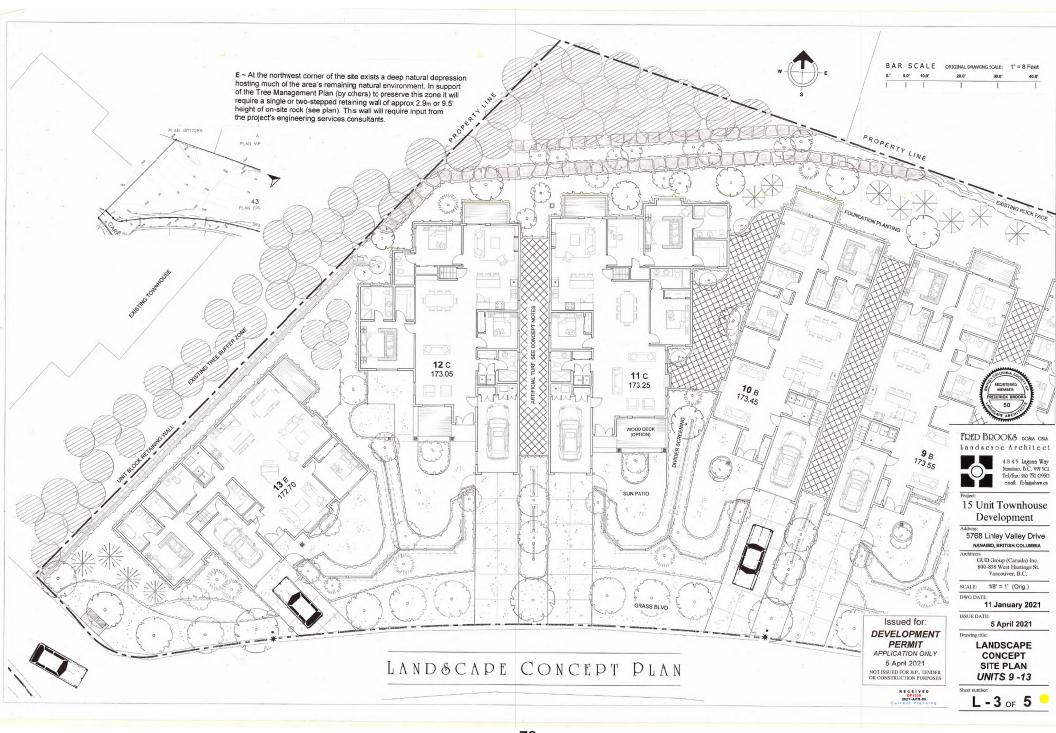


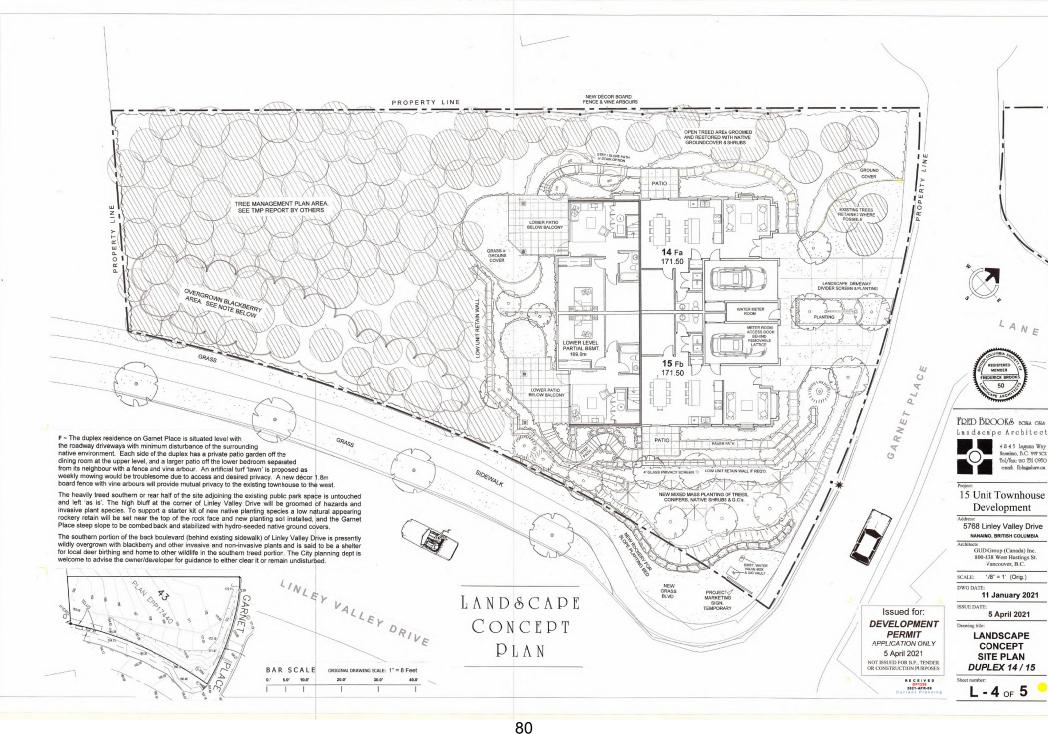






email: fbla@shaw.ca





#### AUTOMATIC LANDSCAPE IRRIGATION SPECIFICATION

WORKMANSHIP

Fred Brooks LMBCLA Nanaimo, BC ©

PROPOSED LANDSCAPE IRRIGATION IS A BELOW-GRADE DRIP SYSTEM, ALL ON SEASONAL TIMER CONTROL. POP-UP SPRAY HEADS FOR GRASS ONLY. A DETAILED SPECIFICATION WILL ACCOMPANY TECHNICAL LANDSCAPE DWGS

The objective is to supply the required amount of water to the landscape planting / soil areas for the successful establishment and continued health of all existing and new plant material without under-watering, over-watering or missed spot watering due to either design, parts or installation factors, timing controls or blockage or screening by existing or new plant material, structures or site grading & contours. It is recommended that the bidder carefully review the site and bid documents and base his price on the overall intent of the drawings and these specifications.

The responsibility of an acceptable operating system rests solely with the on-site installer of the system, and not the designer, unless they are the same party.

Therefore, compliance with or deviation from any drawings is not an acceptable reason for lack of owner's acceptance of part or all of the system when it is charged & declared operational. The landscape irrigation contractor/installer shall ensure the delivery of a fully functional system with all rees and plants receiving adequate water for a healthy

All system to be single manufacturer brand, TORO quality or approved equal. Be aware that the use of 'thin wall' piping is usually not a savings for the owner in the long run. Selection & use of optimum materials and best workmanship methods in the beginning will usually result in a quality job, avoiding callbacks and plant failure problems when plant material is under landscaper's warranty. Note on your bid what wall thickness & brand of piping you are proposing to use, as this will be confirmed at installation.

- 1.2 Locate all U/G control valve boxes in convenient but unobtrusive locations
- 1.3 I.C. shall ensure that all new trees receive not less than 4 litres of water daily during summer growing season, and more water if subject to dry, hot or wind desiccating environment.
- 1.4 Irrig Cont'r shall provide two sets of "as-built" irrigation drawings and specifications to owner prior to acceptance of system, and provide one copy of manufacturer's control station manual to owner and leave one copy securely attached to controller in clear protective case
- 1.5 Irrig. Contractor shall provide one year warranty on workmanship and all parts of the system from date of first operational start up of the system, with confirming letter to

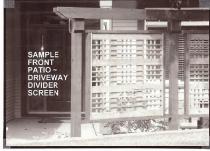
1.6 - A signed/dated conv of this spec	shall be attached to your quote. I.C.:	Date:



#### LANDSCAPE SPECIFICATION

- 1) Plant material to conform to current BCNTA/BCSLA Guide Spec'n, for Nurserv stock
- 2) Landscape Contractor shall be responsible to locate all underground services prior to any excavation by referencing available civil drawings (by others) or "Call First" line at 1
- 3) Landscape Contractor to provide seven days notice to Landscape Architect prior to commencement of landscape site work to allow for site meeting and drawing review, especially regarding possible building architect change orders and non-conforming site
- 4) Landscape Contractor shall ensure that all slopes or paved surfaces which may slope or direct surface water into a landscape area shall not collect or puddle in a soil area but be directed and removed to an acceptable dispersement or drainage area via a surface
- 5) Planting soil for tree wells shall be structurally and nutritionally capable of encouraging health vigorous plant growth. pH shall range from 5.5 to 7.5
- 6) Grass areas (turf or seed) shall have 5" new soil base. Shrub planting areas shall have 16" rew soil base. New trees shall have 12" (300 mm.) of new soi around and below the root ball. Tree hole excavations shall drain immediately (field test) to prevent root rot, suffocation and drowning. Hardpan subgrades shall be fractured or trenched to an approved run-off destination before topsoil placement.
- 7) If B&B, cut all cords and peel back or cut away B&B sacking, and trunk wrap
- 8) -Apply 'Acer' slow release pellet fertilizer over all planting areas per manufacturer's instructions before applying max, 2" of approved landscape mulch over planting areas
- 9) -- Stake all trees to 6 foot height (1.8m) with approved wood or steel stakes and nonabrasive and non-constricting ties. Nursery pot stakes are not acceptable.
- 10) -Instal approved tree stem bark protectors (Arborquard or equal) on all trees in grass or turf areas which will be at risk of weed-eater type tools, lawnmower strikes, and deer or
- 11) Remove all nursery marker flags but leave on plant name tags
- 12) All plant material shall be guaranteed in writing to the owner for one year against death due to unhealthy supply and/or improper installation conditions and/or wrong selection of species or variety or plants. One year period begins at date of Landscape

andscape	Contractor:	Date:	



#### Landscape Concept ~

- A ~ The guiding landscape objective for this wide south-facing site is to create the best opportunity for each residence to enjoy the natural benefit of a large private supply ground level patio while creating a harmonious garden frontage along this semi-private lane.

  Each front patio is screened from one another and the front lane with a mixture of lattice and solid fence panels of mixed heights topped with varying runs of overhead vine arbours for added privacy and seasonal colour. Electrical garden outlets on interior switches may be done for each home. Wood patio privacy structures to be stained with colourful pastel shades rather than traditional natural or brown tones.
- B ~ Matching flowering street trees are set in groups of three which front the units separated by a larger growing accent tree between driveways to create an alternating pattern. Massed low broadleaf evergreen shrubs buffer the wood patio screens behind a continuous grass boulevard. Smaller garden-scale trees are located at strategic sight lines for colour or textured accents.
- C ~ For instant patio or rear deck privacy, black metal-framed 4'x 7' tall frosted or 'water glass' panels will disrupt sight lines while allowing light penetration and mutually shared plant effects (see rear wood deck plan). Due to bedrock conditions along the rear of the site these glass panels will be encircled by sufficiently deep soil for garden-scale trees and shrubs within built up onsite irrigated rockery planters. For added planting effect Boston ivy and Virginia creeper will be trained toward and upward onto the near vertical rock face of the long north property line.
- D ~ Planning-wise, the lane homes are set with an eight-foot horizontal separation between exterior walls creating a very long narrow alley between neighbouring walls and windows with much of the ground plane overshadowed with the roof overhangs resulting in a not so ideal landscaping condition. As there is no need to have regular access from front to rear, it is proposed to treat these spaces in a practical manner with porous artificial turf on drainrock base which provides the following benefit
- 1) ~ Supports site water absorption rate engineering calculations
- 2) ~ Saves unnecessary soil, irrigation and maintenance costs
- 3) ~ Contributes to personal window privacy by eliminating worker access
- 4) ~ In the event of proposing using real grass, eliminates weekly moving & leaf ver noise and fumes, raking and other bothe some maintenance activities
- F ~ At the northwest corner of the site exists a deep natural depression hosting much of the area's remaining natural environment. In support of the Tree Management Plan (by others) to preserve this zone the site will require a single or two-stepped retaining wall of approx 2.9m or 9.5' full height comprised of on-site rock (see plan). This wall will require input from the project's engineering services.
- F ~ The duplex residence on Garnet Place is situated level with the roadway driveways with minimum disturbance of the surrounding native environment. Each side of the duplex has a private patio garden off the dining room at the upper level, and a larger patio off the lower bedroom separated from its neighbour with a fence and vine arbour. An artificial turf 'lawn' is proposed as weekly mowing would be troublesome due to access and desired privacy. A new décor 1.8m board fence with vine arbours will provide mutual privacy to the existing townhouse to the west

The heavily treed southwest or rear half of the duplex site adjoining the existing public park space is untouched and left 'as is'. The high bluff at the corner of Garnet Place & Linley Valley Drive will be groomed of hazards and invasive plant species. To support a starter kit of new native planting species a low natural appearing rockery retain will be set near the top of the rock face and new planting soil installed, and the Garnet Place steep slope to be combed back and stabilized with hydro-seeded native ground covers.

The southern portion of the back boulevard (behind existing sidewalk) of Linley Valley Drive is presently wildly overgrown with blackberry and other invasive and non-invasive plants and is said to be a shelter for local deer birthing and home to other wildlife in the southern treed portion. The City planning dept is welcome to advise the owner/developer for guidance to either clear it or remain undisturbed.

FRED BROOKS I MBCSLA Nanaimo B.C.



LINE	TREES - DECIDUOUS		GAL
1.	Acer rubrum	red maple	15
2	Acer circinatum	vine maple	5
3	Acer palmatum atro.	Japan maple, red	15
4	Acer palmatum atro.	Japanese maple, green	7
5	Cornus nutalli "eddii"	Dogwood Eddie's white wonder	15
3	Liriodendron tulipifera	tulip tree	15
7	Magnolia sieboldii	Ovama magnolia	5
3	Parrotia persica	Persian parrotia	7
9	Prunus Shirotae flowering cherry		7
10	Rhus typhina	sumac	7
*1	Saphora japonica regent	Pagoda tree	15
-2			
13	TREES & SHRUBS - CONIFEROUS		
14	Pinus nigra 'fastigiate'	Austrian pine 'upright'	7
*5	Sciadopiys vereticulata	Japan umbrella pine	7
16	Pius nigra	Black pine	7
.7	Juniperus Chinensis	spreading juniper	3
-8	Pseuodotsuga menzesii	Douglas fir	5
.9			
20	SHRUBS - BROAD LEAF EVERGRE	EN	
21	Acuba japonica 'gold spot'	gold spot acuba	3
22	Euonymus 'emerald & gold'	low ht variety	2
23	Euonymus 'emerald gaiety'	med ht variety	2
24	Rhodo - mid-size habit	rhododendron, mix	5
25	Pieris iaponica Mntn. Fire	lily valley shrub	3
26	Prunus laurocer, 'zabeliana'	Zabel's laurel	3
27	Skimmia reevesiana	skimmia	3
28	Viburnum davidi	David's viburnum	3
19			
10	SHRUBS - DECIDUOUS		
31	Azalea knaphill & exbury	decid azalea	5
12	Cornus alba elegantissima	varigated dogwood shrub	3 3
13	Rosaceae, semi-deciduous	Meidiland rose	3
34	Hydrangea macrophyllum Hibiscus syriacus	hydrangea hibiscus	3
35 36	Magnolia stellata	star magnolia	3
37	iviagriolia stellata	star magnona	- 3
38	GROUNDCOVER & VINES		
39	Fern varieties	large' evergreen	1
40	Gaultheria shallon	Salal (fillers)	1
41	Mahonia aquifolium	Oregon grape	1
42	Mahonia nervosa	Mahonia, low	1
43	Parthenocissus tri.	Boston invy, rock bluff	1
14	Partheocissus cingefolia	Virginia creeper	1
45	Clematis varieties, mixed	clematis vine	1
46	Ciomato vanotico, minea	0.011.00.0	
47	Seeded wildflower meadow mix t	rom Richarson Seed	
48			
19	PERENNIALS	" OR ALTERNATES "	
50	Rudbeckia 'goldstrum'	Rudbeckia;Leucsmithium	1
51	Hosta varieties selected		1
52	Other perenial selections at plan	ating time	1

LANDSCAPE PLANT LIST FOR SELECTION AT WORKING DWG STAGE

COMMON NAME

SIZE

BOTANICAL NAME



Issued for:

DEVELOPMENT

PERMIT

APPLICATION ONLY

5 April 2021

NOT ISSUED FOR B.P., TENDER

2021-APR-09 rrent Plann

FRED BROOKS BCSLA CSLA Landscape Architect



Tel/fax: 250 751 0950 email: fbla@shaw.ca

15 Unit Townhouse Development

5768 Linley Valley Drive NANAIMO, BRITISH COLUMBIA GUD Group (Canada) Inc

800-838 West Hastings St. Vancouver, B.C.

SCALE-~ Noted ~ DWG DATE

11 January 2021

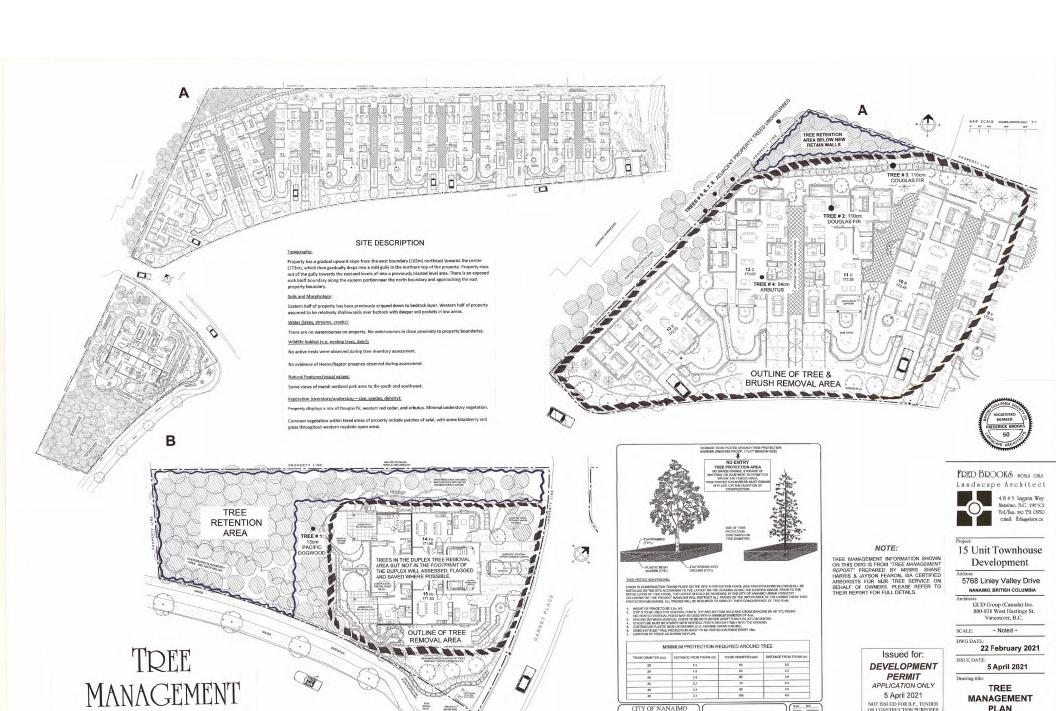
ISSUE DATE 5 April 2021

Drawing title: LANDSCAPE SPECIFICATIONS & DETAILS

OR CONSTRUCTION PURPOSES RECEIVED

Sheet number L - 5 of 5





82

PLAN

CITY OF NANAIMO

TREE

MANAGEMENT

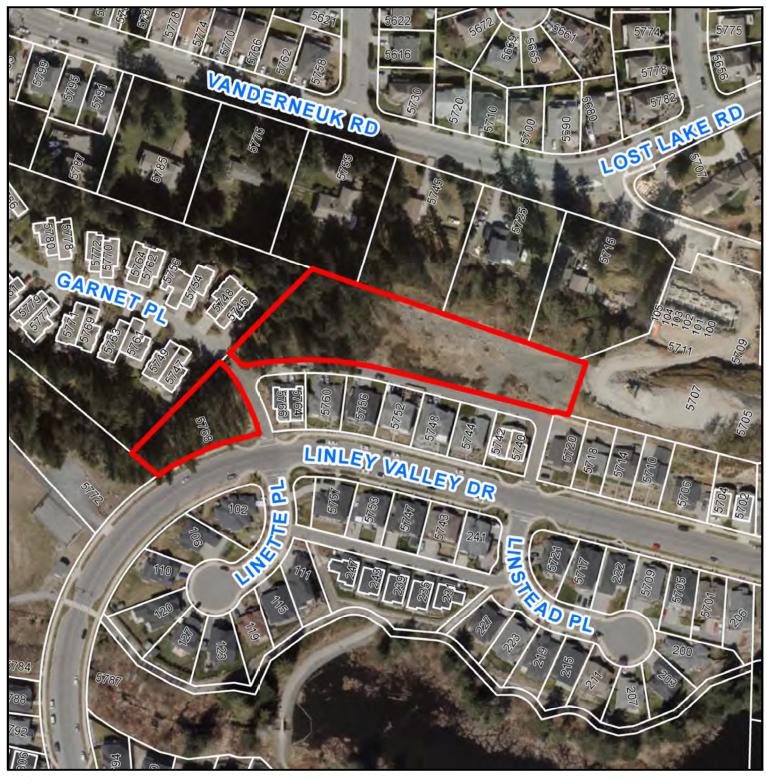
PLAN

L - 6 of 6

5 April 2021

NOT ISSUED FOR B.P., TENDER OR CONSTRUCTION PURPOSES

# **AERIAL PHOTO**





# **DEVELOPMENT PERMIT APPLICATION NO. DP001230**



5768 LINLEY VALLEY DRIVE

# **Development Permit Application No:**

# DP001231

**Application Detail** 

MIXED-USE DEVELOPMENT (3 BUILDINGS)

- 1 FIVE-STOREY RESIDENTIAL BUILDING
  - 49 RESIDENTIAL UNITS; and,
- 2 COMMERCIAL BUILDINGS
  - 1 THREE-STOREY COMMERCIAL BUILDING
  - 1 CAFÉ BUILDING

**Civic Address:** 

**5730 TURNER ROAD** 

**Applicant:** 

RAYMOND DE BEELD ARCHITECTURE

Owner:

INSIGHT HOLDINGS LTD.

## STAFF DESIGN COMMENT

#### DEVELOPMENT PERMIT APPLICATION NO. DP001231-5730 TURNER ROAD

Applicant/Architect: RAYMOND DE BEELD ARCHITECT INC.

Owners: INSIGHT HOLDINGS LTD.

Landscape Architect: KINSHIP DESIGN ART ECOLOGY

## SUBJECT PROPERTY AND SITE CONTEXT:

Zoning	COR3 – Community Corridor
Location	The subject property is located in North Nanaimo with one corner of the triangular shaped lot at the intersection of Uplands Drive and Turner Road, and another corner of the lot at the Turner Road/Linley Valley Drive roundabout.
Total Area	7,355m <sup>2</sup>
Official	Map 1 – Future Land Use Plan - Corridor
Community Plan	Map 3 – Development Permit Area No. 9 - Commercial, Industrial, Institutional,
(OCP)	Multiple Family and Mixed Commercial/Residential development.
Relevant Design Guidelines	General Development Permit Area Design Guidelines

The subject property is a vacant, triangular shaped parcel with two road frontages. Commercial uses, including Longwood Station, are located at the intersection to the south and west of the subject property. The adjacent property to the northwest, at 5050 Uplands Drive is a mixed use commercial and multi-family development. A new multi-family development is proposed to the east at 6030 Linley Valley Drive.

### PROPOSED DEVELOPMENT

The applicant is proposing a five storey multi-family building with 49 rental units (24 two bedroom units and 25 one bedroom units), a three storey commercial building, and a separate café building with a vaulted ceiling. A floor area ratio of 0.88 is proposed, which complies with the density permitted in the COR3 zone for mixed-use developments.

## Site Design

The café building and commercial building are sited on the west side of the property such that they face the existing commercial uses at the Uplands and Turner Road intersection. The residential building is L-shaped, and is sited on the southeast portion of the property with strong street presence on both frontages. The site will be accessed by an existing driveway at the north end of the property. A grove of trees in the northern corner of the property will be maintained and enhanced along the Molecey Creek riparian corridor. Surface parking is provided along the western side property line, and under-the-building parking is located under the residential and commercial building.

#### Staff Comments:

- The surface parking areas and parking garage entrance are screened from the street as is recommended in the design guidelines.
- Consider a raised pedestrian crossing in front of the parking garage entrance, and to the residential garbage enclosure.

## **Building Design**

The residential building is five storeys in height with a traditional pitched roofline, and is sited on the lowest part of the site which allows for the under-the-building parking garage. The massing is divided into columns consisting of balconies and changes in exterior materials, including horizontal wood-like siding, vertical grey siding, white fibre cement panel and timber details. Architectural concrete is proposed for the exposed portions of the underground parking garage, and glass railings are proposed for the balconies. The primary building entrance is adjacent to the parking garage entrance on the north elevation, with additional connections from the ground floor units to the Turner Road public sidewalk. Bike storage and electric vehicle (EV) parking are provided in the parking garage. Several rooftop patios are provided on different storeys of the building.

The commercial building is three storeys in height with a pitched roofline. The primary entrance to the building is on the west end, and entrances to the building are located from the Turner Road public sidewalk. The south elevation, facing Turner Road, contains generous glazing, white signage panels, and balconies on the third storey which offer articulation to the building facade. The north elevation is stepped, with a different façade material accenting each step.

The café building is single storey with two sections of vaulted sloped roofline at the ends, and a peaked roofline at the centre to reflect the roofline of the other two buildings. The exterior materials are also wood-like siding and white fiber cement panel. South facing outdoor patios will be located at the front of the café building.

#### Staff Comments:

- To better relate to the two storey residences on the adjacant property to the north, consider ways to reduce the perceived height and further articulate the north end of the residential building.
- For the commercial building consider the following:
  - adding more detail and transparency to the west elevation;
  - incorporating a corner feature for the primary entrance area, to better relate the entrance towards Turner Road; and
  - ways to activate the ground floor and entrances on the south elevation of the commercial building to better relate to Turner Road.
- Consider adding more transparency to the west elevation of the café building.

## Landscape Design

The landscaped area along the property frontage, between the buildings and Turner Road, will contain a bioswale, several retained trees, and layered plantings. A public pedestrian path, with attractive stone wall features, is provided through the site and connects the public sidewalks,

the building entrances and the surface parking areas. A plaza area is provided between the commercial building and the residential building, which will contain shade trees, benches and a pedestrian connection from the public sidewalk to the surface parking area. At the northern end of the residential building are stepped retaining walls which will be planted with trees and shrubs to screen the foundation wall of the parking garage. Along the northwest property line is a 1.8m wide landscape buffer which includes four existing cedar trees, black chain link fence and a garbage enclosure with a green roof. The café garbage/recycling area is adjacent to the café building and is screened with a cedar board fence.

#### Staff Comments:

- To allow café garbage bins to be rolled to the loading space without causing damage, consider a more durable material for the enclosure gate.
- Provide a cross section to show the proposed retaining walls between the residential building and Turner Road.
- Provide a site lighting plan and show proposed lighting for the entrances, pedestrian paths, plaza area and parking areas.
- Look at opportunities to reduce the parking and increase tree retention in the northern corner of the site to buffer the development from the adjacent lower density residential development.

## **PROPOSED VARIANCES**

## **Building Height**

A variance is proposed to the maximum permitted building height of the multi-family residential building from 14m to 18.96m, a proposed variance of 4.96m.

A variance is proposed to the maximum permitted building height of the commercial building from 14m to 16.3m, a proposed variance of 2.3m.

#### Minimum Landscape Treatment Level

The Zoning Bylaw requires a minimum landscape buffer width of 1.8 m along the side property line, and the landscape buffer width is proposed to be varied to 1.37m adjacent to the surface parking spaces, and to 0m adjacent to the café building and four parking spaces near the café building.

## Setback for Garbage and Recycling Containers

The Zoning Bylaw requires a minimum setback of 3m from any lot line for garbage and recycling enclosures, and the proposed setback for the residential garbage and recycling enclosure is 1.8m, a proposed variance of 1.2m.



May 28, 2021

## 5730 Turner Road – Development Permit Design Rationale

## **Project**

Mixed-use project development includes 3 buildings (49 Unit 5 story Residential, 3 stories CRU, and 1 double height storey cafe building) with underground shared parkade structure located underneath the residential and CRU buildings. The site includes surface parking on the northwest side of the lot.

## **Background**

Development to provide high-quality rental accommodation, corporate business spaces, and a cafe with patios adjacent at the corner intersection of Turner Road and Uplands Drive.

## Site Layout

The building's settings are dictated by the irregular-shaped lot, the statutory right of way, and the site's sloped nature. The proposed building's location utilizes the south portion of the lot while dedicating the north portion of the lot for tree preservation while maintaining the riparian buffer (7.5m) at the far north corner of the parcel. The residential building is located at the southeast corner of Turner Road (at the roundabout). The CRU building is located 9m to the west of the residential building, retaining views and creating a courtyard space buffer between the residential and the CRU building, connecting the street front of the Turner Road into the development. The cafe building is located on a dominant location at the west corner of the lot on Uplands Drive, having patios facing southeast, sharing a common plaza with the CRU building. The statutory right of way is shared between the proposed development and the neighbouring site to the west, it provides access to the surface parking, garbage enclosure and to the parkade.

## **Pedestrian Circulation**

The whole development is linked via a pedestrian walkway crossing the site from the southwest (common corner plaza) to Turner Road at the northeast edge of the lot. The proposed walkway aims to encourage accessible use, connecting recreational amenities and building main entrances. As a result, most pedestrian-accessible areas are designed to allow handicap accessibility.

#### Vehicle Circulation

The project employs the statutory right of way as the main driveway entrance into the development to the rear surface parking from Turner Road at the northeast edge. The development proposes fire department access to the buildings from the site parameter along Turner Road from the south.

## **Parking**

A total of 124 parking stalls were provided for the development, 73 surface parking stalls located at the rear yard of the lot and 51 underground parking provided in the parkade shared between residential and CRU use. Single entrance/exit provided to the parkade, located close to the residential entrance from the northwest end of the residential building.



#### Form

The proposed complex consists of 3 buildings. The residential massing is located at the southeast corner of the lot at the roundabout, separated from the CRU building to its west by a spacious courtyard designed as a garden space serving residents while maintaining both buildings' views. Although the residential building is the highest building on the lot, it sits on the lowest part of the site to maintain the buildings' hierarchy towards Uplands Drive. Common roof decks/patios on both end-side of the residential building provide magnificent views, especially the northeast rooftop patio, which is situated to offer northern views to the ocean. The patios are also designed to be used as traditional socializing spaces and stepping the building back from the adjacent CRU building as a response to its height. Meanwhile, the Cafe building (the lowest in height) is located at the intersection of Turner Road and Upland Drive, far southwest of the lot. It is integrated with a patio-plaza shared with the CRU building that serves as a public realm and the primary pinpoint into the site. It offers a refuge for pedestrians, residents and workers to enjoy. Furthermore, the idea of having a wider separation between the proposed buildings is an attempt to leave as much as an open area as possible for landscaping and common spaces.

The primary buildings form's main statement is inspired by traditional architecture framed into a contemporary design context and requirements. This is mainly elaborated by elevating height levels, projection and recessing facade elements such as balconies, and incorporating large and imposing pitched roofs and gables facing different directions while defining each building's primary/secondary entry points.

#### Material & Colour

The facade colour scheme incorporates soft natural colour. Low-maintenance wood sidings are applied with neutral vertical grey siding expressing the building's base and edges, harmonizing it with the parkade's concrete wall finish. The facade is interspersed with the white panel to add distinctness to areas where the highlight/exposure seems required.

## **Exterior Lighting**

The design suggests up-light for the main entrance canopies and down-light for exits, patios and balconies. For the exterior, bollard lighting is proposed along the exterior pathway, and within common spaces and courtyards, recessed wall lighting is suggested in public plazas and around the seating areas.

#### **Kev Features**

Traditional/new classic high-end apartment, CRU and cafe buildings within the mixed-use neighbourhood. Shared terrace and decks. Common public spaces. Accessible friendly.

#### Raymond de Beeld, Architect AIBC





May 28, 2021

## 5730 Turner Road – Development Permit Variance Rationale

## **Garbage and Landscape Setbacks:**

## Requirement:

Garbage Setback: 3.0mLandscape Buffer: 1.8m

#### Provided:

- Garbage enclosure at northwest of the Cafe Building = 0m.
- Garbage enclosure at northeast along statutory right of way = 1.8m.
- Landscape Buffer at north edge of the lot = varies 0.0m to 1.8m.

#### Variance:

- Garbage enclosure at northwest of the Cafe Building = 3m.
- Garbage enclosure at northeast along statutory right of way = 1.2m.
- Landscape Buffer at north edge of the lot = varies 1.8m to 0.0m.

## Rationale:

- All garbage enclosures are located away from adjacent neighbouring buildings and properly screened with landscape wall and roof.
- Garbage enclosure at northeast is located along the statutory right of way on the same path of neighbouring garbage enclosure; this allows a convenient garbage pick up and easy access to the users, especially for the residential occupants.
- The garbage enclosure at the northwest of the cafe building located at the back yard of the building. It is hidden from the rest of the development with direct connection to the servicing rooms of the building.
- The narrowed landscape buffer is necessary to provide an adequate path for handicap accessible pedestrian walkway crossing the site.

## **Building Height:**

## Requirement:

- 14m from the average finished grade.
- 18m, if 75% parking is underneath a building.

### Provided:

- 18.96m (5 storeys + parkade) Residential building.
- 16.30m (3 storeys + parkade) CRU building.
- 6.82m (1 double-height storey) Cafe Building.



#### Variance:

- Residential building = 4.96m.
- CRU building = 2.30m.

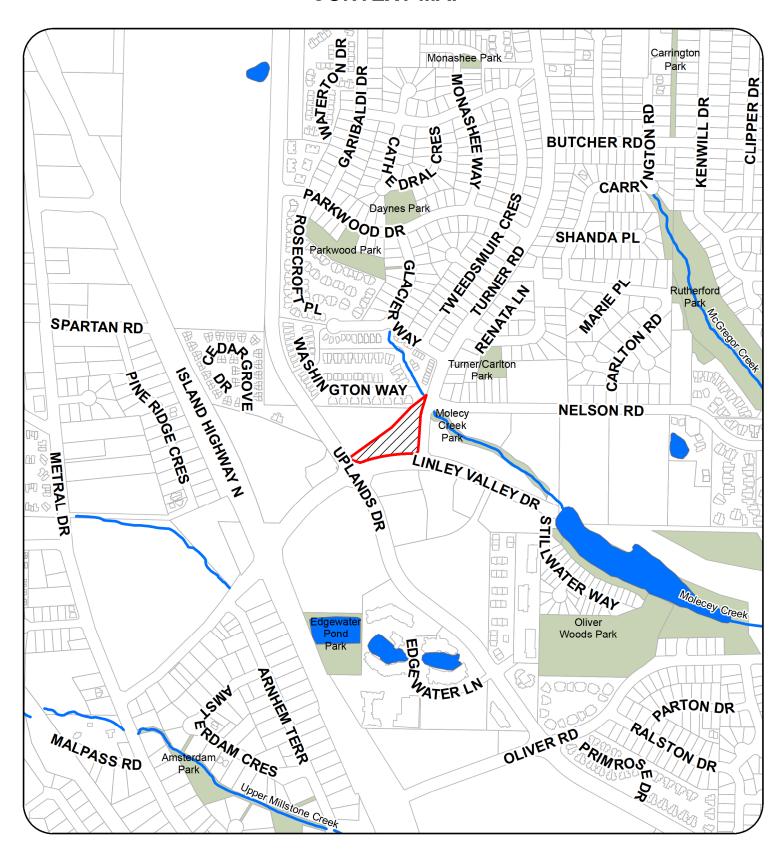
#### Rationale:

- The city allows up to a maximum of 18m of building height which can reduce the height variance to 0.96m (and only be required for residential building) if a shared parking method is used. While it is not possible to dedicate 80% of the parking unassigned and keeping the parking in the parkade assigned.
- The proposed building's heights are measured to the top of the pitched roof's ridge, which primarily serves to form the character of the development. The proposed design of the buildings is an attempt to offer a more traditional presence at the Turner Road rather than a contemporary/ flat roof architecture.
- The development proposes 3 separate buildings; although the site is sloping up toward Uplands Drive, it was crucial from the design point of view to deliver the hierarchy in height to follow the site's natural grade and avoid a significant amount of cut and fill.
- The development is proposing 0.88 of density and 29.6% of site coverage, which allows more pedestrian/ public integrated spaces than building coverage.
- The proposal does not disturb or limit the views from any neighbouring development, and vice versa since most of the development's buildings are sitting adjacent to Turner road. Besides, it leaves a significant buffer between the proposed buildings and the neighbouring developments.

## Raymond de Beeld, Architect AIBC



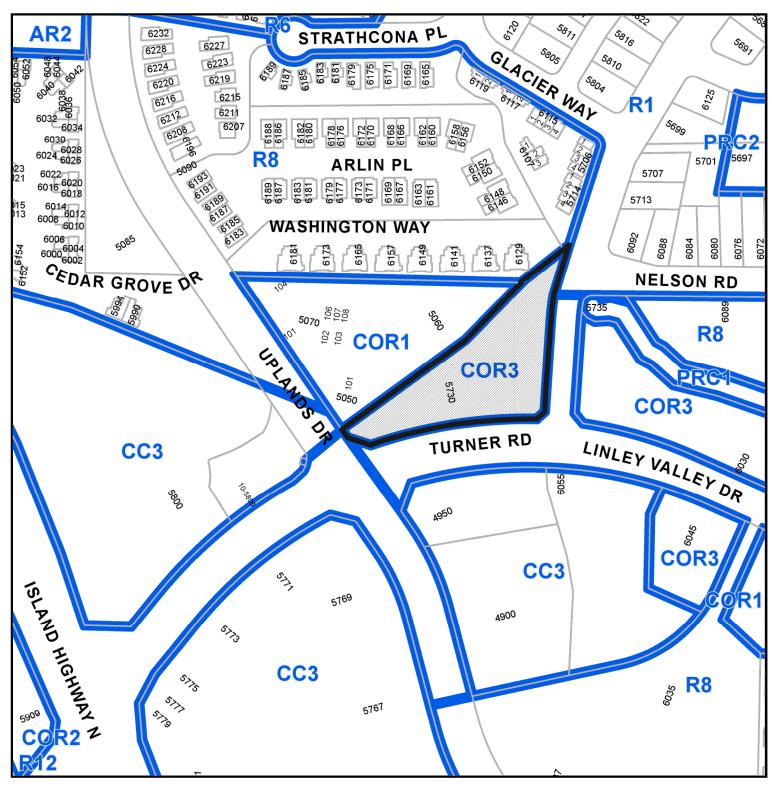
## **CONTEXT MAP**







## **LOCATION PLAN**





## **DEVELOPMENT PERMIT APPLICATION NO. DP001231**

Subject Property LEGA

CIVIC: 5730 Turner Road

LEGAL: Lot 10, District Lots 20 and 30, Wellington District, Plan VIP65104





	5750 Turner Road, Na					
egal Address:	LOT 10 DWM# LOTS	20 & 30, Wellington District,	Pan VP65104			
Seeings	CORS - Community C	ondor				
Topaty (Lot) Area:			m2		8079	
royery p. oq mess.		79,176	7,355.4		1,82	
Building Areas/Units						
Toor Level	Total Area (FIZ)	Total Ame (m2)		OF A* (PG)	(FA* (m2)	
1 - Carle 1 (Meet Bide) 1 - Carle 2 (East Bide)	3,836	356		1,602	148	
Tital Cafe	3,836	356		1,529	321	
JRU Foor Level 3 Foor - Uilly-Parking 1 Foor - Prencial 2 Foor - Prencial 3 Foor - Office	Total Area (FIZ) 4.992	Total Ame (m2)	)	GFA* (FG)	(FA* (m2)	
1 Floor - Comply along		431		4,476	415	
2 Floor - Firencial	4,605	431		4,635	431	
3 Fibor - Office	2,710	262		2,710	262	
Total CRU Residential	16,972	1,877		12,371	1,149	
Sport and	Total Area (TST)	Total Ama (m2)		OF AT INCO	CFA* (HZ)	
Secritoral Differ - Utiliy Paking	14,529	1,350		801	74	
3 Fibor - Residental 2 Fibor - Residental	10,876	1,010		10,876	1,010	
2 Pitor - Residental 3 Pitor - Residental	10,876	1,010		10,876	1,010	
A Figur - Restantel	10,876	1,010		10,676	1,010	
A Fixor - Residental 5 Fixor - Residental	9,862	898		12,876 9,662		
Total Residential	67,695	6,289		63,967	5,014	
Tutal All Buildings	88,502	6,222		69,867	6,491	
Residential Units						
			Numi	ser of Units		
Belrom				26 24		
Bedroom Idals Number of Units	_			49		
				**		
Carlo Seets						
			Numb	er of Seats		
1 - Carlo 7 (Carlo State)				24 51		
3 - Cafe 1 (West Bide) 3 - Cafe 2 (Seat Bide) fotal Number of Seats				76		
oning Requirements						
M Buildings the Coverage (%)		Required 60.5%			ropseed 29.6%	
lite Coverage (Ame m2) VAR for COVID Zone (didlonal FAR for Mixed Used Use		4.413			2,176	
AR for CORD Zone		0.79				
dditional FAR for Mixed Used Use		0.50			0.86	
telal FAR		1,28				
Building Settecks & Height Requirements						
		Required 3.0m			3.00m	
Sdg Minimum Front Yard Selback		3.0m			5.00m	
Bdg Maximum Front Yard Setherix (50%) Bdg Flasking Side Yard		6.0m		Less than 50% 90.30m		
age halleng soo varo Sog Side Yard 1 sebeck Sog Side Yard 2 sebsok Sog Deer sebeck (South West) Justing Height (Fled & Philated)	3.0m 0.0m		1.6m			
8dg filde Yard 2 eattack		3.0m 7.5m		NA		
Edg Rear selback (South West)		7.5m			84N)	
Milling Height (Flat & Philited)		14.0m			6.82	
building Height (w/ 75% parking below or beneat) Not Application)		10.0m			NA.	
Animum Required Height (Above Grade)		2				
Bdg Minimum Front Yard Selback Bdg Mixemum Front Yard Selback (50%)		3.0m			3.35	
5dg Madmum Front Yard Setback (50%)		8.0m		Mor	e than 50% 49,15m	
Bdg Resking Gde Yard Bdg Gde Yard 1 satteck		9.00			21.90m	
Bóg Side Yard 2 eilitback Bóg Reer selfselk (South Wed) Aukling Height (Flat & Phithed)		3.0m		(NA)		
Hig Rear setback (South West)		7.6m			(NA)	
sutting Height (Flat & Pitched)		14.0m		16.50		
Subding Height (w/ 75% parking below or beneat). Not Applicative)		18.0m			NA.	
Animum Required Height (Above Grade)		2			1	
Sdg Minimum Front Yard Delback		3.0m			3.19	
Bdg Maxemum Frant Yard Setbeck (50%) Bdg Flanking Side Yard		6.0m 3.0m		Mo	9 than 50% 5.0m	_
tog Hanking seer hard tog tide Yard I selbadi		0.0m			29 Om	
		3.0m				
Stig Peer selbed: (South West) bilding Height (Flat & Phithed)		7.6m			(44)	
sutting Height (Flat & Pitched)		14.0m			18.90	_
kullding Height (m² 75% padding below or benealt) Not Applicable)		15.0m			NA.	
Brimum Required Height (Above Grade)		2			6	
Car Parking Provided		Bylaws Requirements Ratio	Received Partition	Proposed Number of Parking	Required vs. Proposed	Tetals
terking Types			Required Parking	69		-
terking Types						1
Perking Types Required (min.) Titlel Required Imail Car Allowed (max.)		40%	50			
Perking Types Required (min.) Titlel Required Imail Car Allowed (max.)		40%	50		-	
harking Types  Inquier Car Required (min.) Y.d.s Required  Imail Car Allowed (max.)  Consoline Per King Timograph of (101-1000)  Allotton Parking of or Residential (Mulding)		40% 6 1/22	60 6 8	- ;		Provide:
harking Types  Inquier Car Required (min.) Y.d.s Required  Imail Car Allowed (max.)  Consoline Per King Timograph of (101-1000)  Allotton Parking of or Residential (Mulding)		40% 6 1/22	60 6 8	- ;		Provide
harking Types Regular Car Required (rein.) Y did Required Insel Car Allowed (rein.) consister free lang frequired (101-1000) dation Pasking if or Residendia Budding). W Pasking Regulared (Standard/Streat). R.L. SV Pasking Regulared (Standard/Streat).		40%	50 5 13 26 2	5 3 13 28 2	1	
harking Types  Inquier Car Required (min.) Y.d.d Required  Innul Car Allowed (max.)  Venesable Thirting Required (1911-1900)  Astron Parking & or Residential Dukding)  V Parking Required (Standard/Smal)  L. SV Parking Required (Standard/Smal)		40% 6 1/22	60 6 8	- ;	4 4 4 4	Patting Provide
Andrew Types  Impaire Car Housed (sixs.) Y.d.d Required impaired impaired (sixs.) Y.d.d Required (six.) Impaired (six.) Impair		40% 6 1/22	50 5 13 26 2	5 3 13 28 2	4 4 6 6 6	
harking Types Regular Car Required (rein.) Y did Required Insel Car Allowed (rein.) consister free lang frequired (101-1000) dation Pasking if or Residendia Budding). W Pasking Regulared (Standard/Streat). R.L. SV Pasking Regulared (Standard/Streat).		40% 5 5-022 10% 20%	50 5 13 26 2	5 3 13 28 2	4 4 4 6 4	124
Andrew Types  Impaire Car Housed (sixs.) Y.d.d Required impaired impaired (sixs.) Y.d.d Required (six.) Impaired (six.) Impair		40% 6 52 10% 20% Bylaws Requirements	50 5 5 13 20 2 2 134	5 3 13 28 2 124	Regulated vs. Proposed	
Whiting Types Impact Car Wagased (rich ) V.d.d Regulard Imail Car Adoved (rich ) Imail Carlos (ric	Ratio Pecilinit	40% 6 52 10% 20% Bylaws Requirements	50 5 5 13 20 2 2 134	9 3 13 28 28 2 124 124 Frephend Number of Facking		124
whiting Types Car Minaged (no. ) Y did Projected Stranged Car Minaged (no. ) Y did Projected Stranged Car Minaged (10. ) Y did Projected Stranged Car Minaged (10. ) Y did Stranged	0.10	40% 6 5 102 10% 20% 20% 20% 20% 20% 20% 20% 20% 20% 2	50 5 5 13 26 2 114	5 3 13 28 20 2 124 Preposed Number of Parking	Flequined vs. Proposed	124
Varing Types or Wingsand (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed datus Parkey frequired for Mayer of Mayer of Mayer datus Parkey frequired (min.) 164 Reputed datus parkey for min. 164 Reputed datus parkey for min. 164 Reputed parkey for Parkey Reputed for min. 164 Reputed for min. 16	0.10	40% 6 5-102 10% 20% Bylans Requirements Trial Number of Units	80 6 5 13 99 2 134 Parking Required 6 21.5	5 3 13 28 28 2 124 124 Preposed Number of Parking 5 2	Required vs. Proposed	
Varing Types or Wingsand (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed mind Car Mayer of min (min.) 164 Reputed datus Parkey frequired for Mayer of Mayer of Mayer datus Parkey frequired (min.) 164 Reputed datus parkey for min. 164 Reputed datus parkey for min. 164 Reputed parkey for Parkey Reputed for min. 164 Reputed for min. 16	0.10	40% 5 502 10% 20% Bylans Requirements Tetal Number of Units 46 Total Area (OFA)	50 5 5 13 26 2 114	5 3 13 28 20 2 124 Preposed Number of Parking	Flequined vs. Proposed	0 Long Ten
Varling Types  The Standard Core. Y 64 Required  The Standard Core. The Standard Core.  The S	0.15 0.50 Ratio Pening	40% 6 5-102 10% 20% Bylans Requirements Trial Number of Units	80 6 5 13 99 2 134 Parking Required 6 21.5	5 3 13 28 28 2 124 124 Preposed Number of Parking 5 2	Required vs. Proposed	0 Long Ter

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Turner Rd Mixed Use

5730 Turner Road, Nanaimo

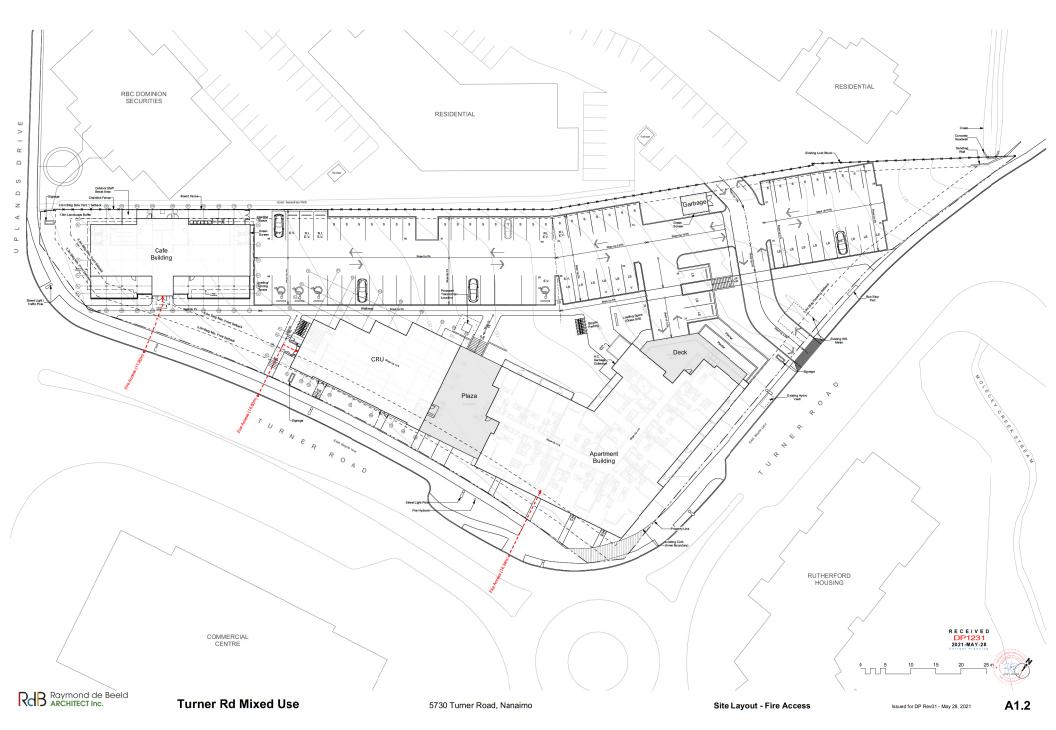
Site Context, Project Data

Issued for DP Rev01 - May 28, 2021

A0.1

Project Description				<u> </u>			
	5730 Turner Road, Na						
Legal Address:		20 & 30, Wellington District,	Plan VIP65104				
-	COR3 – Community C	ft2	m2		acre		
Property (Lot) Area:		79,176	7,355.4	1.82			
Building Areas/Units							
Cafe							
floor Level	Total Area (ft2)	Total Area (m2)		GFA* (ft2)	GFA* (m2)		
.1 - Cafe 1 (West Side) .1 - Cafe 2 (East Side)	3,835	356		1597 1,932	148 179		
Total Cafe	3,835	356		3,529	328		
CRU	T-4-1 4 (60)	T-4-14 (0)		0544 (60)	0514 (0)		
Floor Level  O Floor – Utility/Parking	Total Area (ft2) 4,992	Total Area (m2) 464		GFA* (ft2) 551	GFA* (m2) 51		
1 Floor – Financial	4,635	431		4,475	416		
2 Floor – Financial 3 Floor – Office	4,635 2,710	431 252		4,635 2,710	431 252		
Total CRU	16,972	1,577		12,371	1,149		
Residential							
Floor Level .0 Floor – Utility/Parking	Total Area (ft2) 14,529	Total Area (m2) 1,350		GFA* (ft2) 801	GFA* (m2) 74		
1 Floor – Residential	10,876	1,010		10,876	1,010		
2 Floor – Residential	10,876	1,010		10,876	1,010		
.3 Floor – Residential .4 Floor – Residential	10,876 10,876	1,010 1,010		10,876 10,876	1,010 1,010		
.5 Floor – Residential	9,662	898		9,662	898		
Total All Buildings	67,695	6,289		53,967	5,014		
Total All Buildings	88,502	8,222		69,867	6,491		
Residential Units							
Unit Types  Bedroom			Numb	er of Units 25			
! Bedroom				24			
otals Number of Units				49			
Cafe Seats							
Cafe Unit			Numb	er of Seats			
.1 - Cafe 1 (West Side)		<u> </u>		24 51			
.1 - Cafe 2 (East Side)  Total Number of Seats				75			
Coning Requirements		Required			roposed		
Site Coverage (%)		60.0%			29.6%		
Site Coverage (Area m2)		4,413			2,176		
AR for COR3 Zone Additional FAR for Mixed Used Use		0.75 0.50			0.88		
Total FAR		1.25			0.00		
Building Setbacks & Height Requirements Cafe		Required			roposed		
Bldg Minimum Front Yard Setback		3.0m			3.03m		
Bldg Maximum Front Yard Setback (50%)		6.0m		Less than 50%			
Bldg Flanking Side Yard Bldg Side Yard 1 setback	3.0m			93.30m 1.8m			
Bldg Side Yard 2 setback	0.0m 3.0m			(N/A)			
Bldg Rear setback (South West)	7.5m		(N/A)				
Building Height (Flat & Pitched)		14.0m		6.82			
Building Height (w/ 75% parking below or beneath) Not Applicable)		18.0m			N/A		
Minimum Required Height (Above Grade)		2			1		
CRU Bldg Minimum Front Yard Setback		3.0m			3.35		
Bldg Maximum Front Yard Setback (50%)		6.0m		Mor	e than 50%		
Bldg Flanking Side Yard		3.0m		49.15m			
Bldg Side Yard 1 setback Bldg Side Yard 2 setback		0.0m 3.0m		21.90m			
Bldg Rear setback (South West)		7.5m		(N/A) (N/A)			
Building Height (Flat & Pitched)		14.0m		16.30			
Building Height (w/ 75% parking below or beneath)		18.0m		N/A			
Not Applicable)  Minimum Required Height (Above Grade)		2			3		
Residential							
Bldg Minimum Front Yard Setback		3.0m			3.19		
Bldg Maximum Front Yard Setback (50%) Bldg Flanking Side Yard		6.0m 3.0m		Mor	More than 50% 3.0m		
Bldg Side Yard 1 setback		0.0m		29.0m			
Bldg Side Yard 2 setback Bldg Rear setback (South West)		3.0m 7.5m		(N/A) (N/A)			
Building Height (Flat & Pitched)		7.5m 14.0m		(N/A) 18.96			
Building Height (w/ 75% parking below or beneath)		18.0m					
Not Applicable)				N/A			
Minimum Required Height (Above Grade)		2			5		
Car Parking Provided							
Parking Types		Bylaws Requirements	Boguired B	Proposed Number of Parking	Required vs. Proposed	Totals	
Regular Car Required (min.) Total Required		Ratio	Required Parking 124	69			
Small Car Allowed (max.)		40%	50	47	-3	1	
Accessible Parking Required (101-1000)		5 1/22	5	5 3	0	Parkin	
/isitors Parking (For Residential Building) EV Parking Required (Standard/Small)		10%	13	3 13	0	Provide	
R.I. EV Parking Required (Standard/Small)		20%	26	26	0		
oading Space Totals (Not Including Loading Space)			2 124	2 124	0 0	124	
Cause (Not more any Loading Space)			129	147		124	
Bicycle Parking Requirements							
Residential		Bylaws Requirements		Proposed Number of Barking	Paguired ve Branca d	0	
Concellia	Ratio Per/Unit	Total Number of Units	Parking Required	Proposed Number of Parking	Required vs. Proposed	"	
Short Term) – Horizontal Parking	0.10	49	5	5	0	Long Te	
	0.50	49	24.5	27	2.5	30	
Long Term) - Horizontal Parking			Bankin - 1				
CRU	Ratio Per/m2	Total Area (GFA)	Parking Required 6	Proposed Number of Parking 6	Required vs. Proposed	Short Te	
		Total Area (GFA) - 1,149		Proposed Number of Parking 6 3	Required vs. Proposed 0 2	Short Te	











Looking from Uplands Drive intersection toward east



Looking along Turner Road (south edge) toward roundabout at the east

Raymond de Beeld ARCHITECT Inc.



Looking from the roundabout at east toward Upland Drive intersection at the west



Looking at the roundabout at Turner Road and Linley Valley Drive intersection



Looking from the Roundabout to north along Turner Road East



Looking along Turner Road (east edge) to north toward the roundabout



Molecey Creek at the top north corner



Pedestrian dirt path crossing the site





Turner Rd Mixed Use

5730 Turner Road, Nanaimo

Streetscape

Issued for DP Rev01 - May 28, 2021

A0.2







1 NE ELEVATION Scale: N.T.S.



3 APARTMENT BUILDING N ELEVATION
Soller N.T.S.

NORTH ELEVATION
Scale: N.T.S.



4 APARTMENT BUILDING PLAZA
Solde: N.Y.S.

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1 APARTMENT BUILDING PLAZA
Scale: N.T.S.



2 WEST ELEVATION Scale: N.T.S.



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**Turner Rd Mixed Use** 

5730 Turner Road, Nanaimo

Perspectives 02

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A0.4

4 CAFE BUILDING SWELEVATION
Soale: N.T.S.





1 CAFE BUILDING W ELEVATION Scale: N.T.S.



2 CAFE BUILDING PLAZA W Scale: N.Y.S.



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Turner Rd Mixed Use 5730 Turner Road, Nanaimo

Perspectives 03

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A0.5





1 OFFICE BUILDING SOUTH STREET
Scale: N.T.S.



2 COMMON PLAZA SW Soale: N.T.S.



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3 COMMON PLAZA SE Soale: N.T.S.

**Turner Rd Mixed Use** 

5730 Turner Road, Nanaimo

Perspectives 04

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A0.6

4 STREET SE ELEVATION
Scale: N.T.S.





Rev01 - May 28, 2021 **A6.1** 

DP1231 2021-MAY-28

ELEVATIONS 01 Issued for DP Rev01 - May 28, 2021

5730 Turner Road, Nanaimo

**Turner Rd Mixed Use** 



1 Elevation - 03 Scale: 3/32" = 1'-0"



2 Elevation - 04 Scale: 3/32" = 1'-0"









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**Turner Rd Mixed Use** 



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2021-06-28

Residential - L5 Layout

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

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Turner Rd Mixed Use 5730 Turner Road, Nanaimo

Enlarged Plans - Residential Building L5

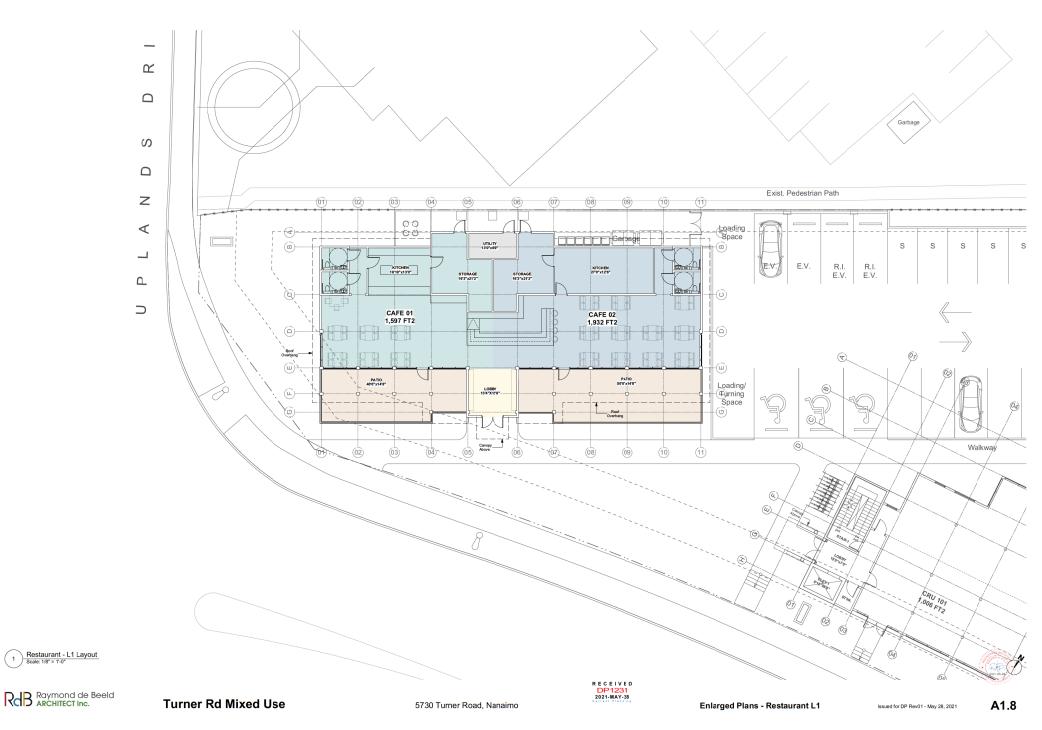


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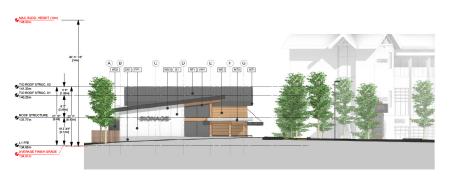
A1.7

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Issued for DP Rev01 - May 28, 2021







2 Elevation - 06 Scale: 3/32" = 11-0"

3 Elevation - 07 Scale: 3/32" = 1'-0"





# **TURNER ROAD MIXED-USE**

5730 TURNER ROAD Nanaimo, BC

# **Landscape Architectural Drawings**

Issued for Development Permit

## LANDSCAPE SHEETS

L0.00	Cover
L1.01	Design Rationale
L1.02	Landscape Plan
L1.03	Landscape Plan Rocftop Patio
L1.04	Landscape Sections
L1.05	Landscape Plants + Materials
L2.01	Tree Management Plan
L2.02	Tree Management Details







TURNER ROAD MIXED-USE
5730 Turner Road
Nanairro, BC

COVER



### **DESIGN** PRECEDENTS

### **PLANTINGS**







HARDSCAPE









### **BENCHES + SITE FURNITURE**









### LIGHTING + LANDSCAPE FEATURES









### **DESIGN** RATIONAL F

### CONTEXT

Harris Quarters, at 5730 Turner Road, is situated in a transitional landscape. In the urban context, the site lies between a vibrant City Commercial Centre to the west that includes Longwood Station, and quieter residential neighbourhoods to the north and east. The design responds to this pattern with a mix of public patios and open spaces at the western, more commercial portion of the site, transitioning to a more private courtyard and garden setting that provides a backvard to the rental apartments. A walkway oriented on the long axis of the parcel unifies spaces

Ecologically, an exposed high point near the intersection of Turner Road and Uplands Drive is reminiscent of the dry rocky outcroppings with arbutus that are characteristic of the rainshadow environment. A 13m elevation change from the southwest to the northeast creates a natural transition from that high pont through fragments of Douglas fir - salal forest to lower lying cedar and alder dominated riparian landscapes adjacent to Molecey Creek.

Positioned on a natural height of land, this new mixed-use community will enjoy expansive views northeast through a shallow valley to the ocean, and southwest over Longwood Station to Mount Benson.

### **DESIGN CONCEPT**

URBAN RAINSHADOW SCENARIO

The landscape design deliberately accentuates, amplifies and distorts the character and diversity of specific rainshadow ecosystems to create strong visual character and identity for the project, to delineate distinct spaces within the development, and to unify the site as a whole.

The planting palette relies on indigenous species layered with appropriate complementary ornamentals assembled together to replicate local natural systems within an urban environment.

Materials, including wood benches, stone walls and paving stones evoke the warmth, colours and textures found in the rainshadow, but are designed with clean, contemporary sophistication and creative flair.

Green infrastructure, necessary to manage rainwater on site, provides an ecological armature for the parcel. A bioswale, linking architecture, infrastructure and landscape, is designed to further emphasize the cyclical summer drought/ winter rain pattern :hat dictates so much of what thrives in the rainshadow.

### **DESIGN ELEMENTS**

### Commons

The Commons offers a shared urban patio-plaza for the office building and café to spill into the public realm. As the main entry into the site, the Commons is open and energetic but also offers a refuge for pedestrians, residents and workers to sit and enjoy a coffee or a bite to eat. Furnished with a mix of benches and platforms to accommodate all ages and allow for playful activities, the Commons is nestled into a space inspired by the high and dry arbutus-shore pine

### 2 Courtyard

The Courtyard s the space created between the office and residential building, connecting the street front on Turner Road to the more private Garden space serving residents. Vegetated edges surrounding and penetrating the Courtyard allow for a creative treatment of rainwater feeding into the bioswale, and create spaces to support the emergence of a novel urban environment inspired by the Douglas fir-salal ecosystem that dominates the rainshadow.

### 3 Garden

The Garden is a more private landscape designed to serve as a backyard for the residents of the residential apartments. The Garden provides a walking path within a shade garden and an lawn for open-ended play, picnicking and gathering with friends. It is welcoming to passers-by, but uses trees to create enclosure hinting at its semi-private nature.

### Rooftops

Rooftop patios for the office and residential buildings provide a shared private space for residents and workers. Offering expansive views out to the ocean and up to Mt. Benson. the Rooftops heighten the perception of one's position in Nanaimo. With privacy and ample exposure to sunlight, the Rooftops provide an ideal space to grow garden herbs and vegetables, and for communal eating and socializing.

5 Walkway
A bold Walkway bisects the project along the southwestnortheast axis. The Walkway provides a pecestrian oriented spine that unifies the site, and creates a visual connection to the Commercial City Centre and neighbourhoods beyond the parcel. The Walkway also serves as a clear division between the parking and vehicle dominated areas and the open spaces dedicated to people.

### 6 Bioswale

To manage rainwater on site, a bioswale captures and slows runoff from rooftops and impermeable areas. In addition to this practical function, the bioswale provides an ecological framework for the site, linking distinct spaces and novel urban ecosystems with water flowing through green infrastructure.

### Restoration

At the northeast limit of the parcel, a Restoration area provides a buffer between the development and the channelized portion of Molecey Creek. This area will be treated as an ecological infill site, with healthy trees protected to the extent possible, and dense plantings of replacement trees and understory plants inspired by the Western redcedar-foamflower site association that characterizes riparian areas in the rainshadow.

### **DESIGN ELEMENTS KEY PLAN**





NO. | DATE | ISSUE

PROJECT TURNER ROAD MIXED-USE 5730 Turner Road Nanaimo, BC **DESIGN RATIONALE** 

SCALE

PROJECT 20008

CB KS





NO. | DATE | ISSUE

1 04-13-21 DP SUBMISSI
2 05-28-21 DP REVISION

TURNER ROAD MIXED-USE
5730 Tunner Road
Nanalmo, BC

LANDSCAPE PLAN

L1.02





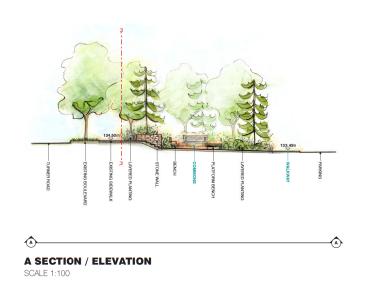
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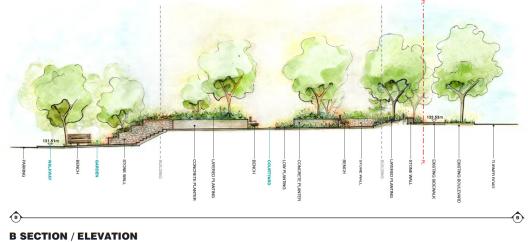
PROJECT TURNER ROAD MIXED-USE

5730 Tumer Road Nanaimo, BC

LANDSCAPE PLAN ROOFTOP PATIOS

PROJECT 20008 DB KS CB KS SCALE 1:250 DATE FEB 08, 2021 L1.03





B SECTION / ELEVATION SCALE 1:100

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1 04-13-21 DP SUBMISSION
2 05-28-21 DP REVISIONS

PROJECT
TURNER ROAD MIXED-USE
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LANDSCAPE SECTIONS

PROJECT 20008
DB KS

SCALE 1:100
DATE FEB 08, 2021

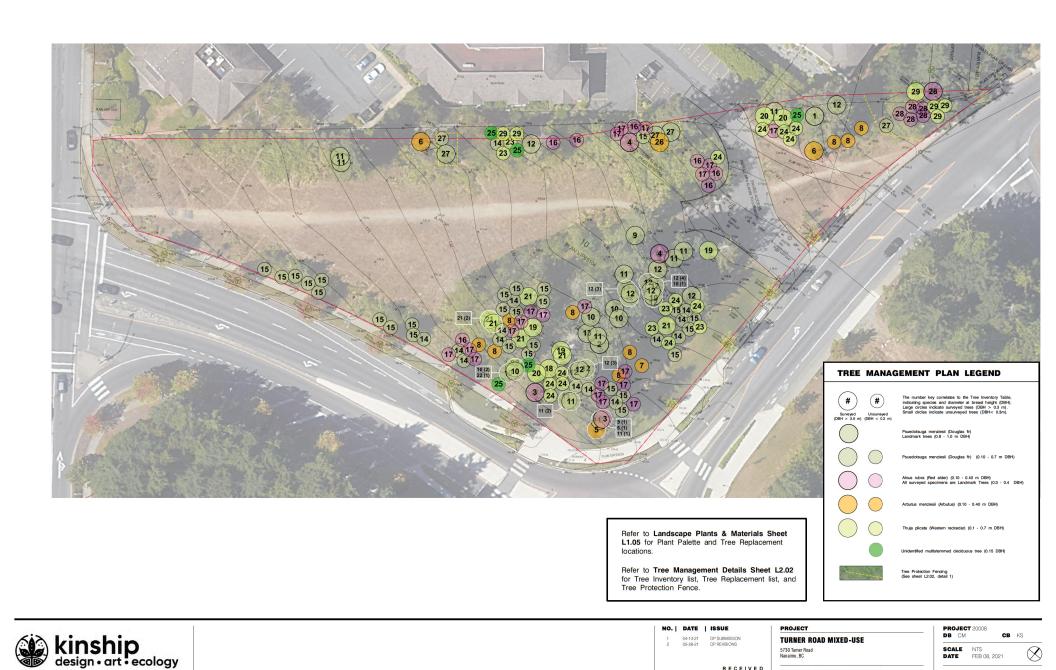
L1.04





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PLANTS + MATERIALS



1070 Nelson Street Nanaimo BC V9S 2K2 250-753-8093 RECEIVED DP1231 2021-MAY-28

TREE MANAGEMENT

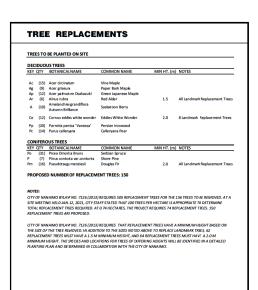
**PLAN** 

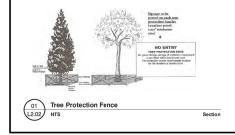
L2.01

Refer to Landscape Plants & Materials Sheet L1.05 for Plant Palette and Tree Replacement locations.

Refer to Tree Management Plan Sheet L2.01 for Existing Tree locations and Tree Protection Fencing location.

SIGN	IIFIC/	INT TREES TO BE REMO	VED		
KEY	QTY	BOTANICAL NAME	CCMMON NAME	DBH	NOTES
1	(1)	Psuedotsuga menziesii	Douglas Fir	1.0	Landmark
2	(1)	Psuedotsuga menziesii	Douglas Fir	0.8	Landmark
3	(2)	Alnus rubra	Red Alder	0.4	Landmark
4	(2)	Alnus rubra	Red Alder	0.3	Landmark
TRE	ES TO	BE REMOVED			
KEY	QTY	BOTANICAL NAME	CCMMON NAME	DBH	NOTES
5	(1)	Arbutus menziesii	Arbutus	0.4	
6	(1)	Arbutus menziesii Arbutus menziesii	Arbutus Arbutus	0.4	
7	(1)	Arbutus menziesii Arbutus menziesii	Arbutus	0.3	Unsurveyed
8	(2)	Arbutus menziesii Arbutus menziesii	Arbutus	0.15	Unsurveyed
9	(1)	Psuedotsuga menziesii	Douglas Fir	0.15	Olisui ve yev
10	(6)	Psuedotsuga menziesii	Douglas Fir	0.7	
11	(10)	Psuedotsuga menziesii	Douglas Fir	0.5	
12	(13)	Psuedotsuza menziesii	Douglas Fir	0.4	
13	(1)	Psuedotsuga menziesii	Douglas Fir	0.3	
14	(14)		Douglas Fir	0.2	Unsurveyed
15	(28)	Psuedotsuza menziesii	Douglas Fir	0.15	Unsurveyed
16	(7)	Alnus rubra	Red Alder	0.2	Unsurveyed
17	(20)	Alnus rubra	Red Alder	0.15	Unsurveyed
18	(1)	Thuja plicata	Western redcedar	0.7	
19	(3)	Thuja plicata	Western redcedar	0.6	
20	(4)	Thuja plicata	Western redcedar	0.5	
21	(6)	Thuja plicata	Western redcedar	0.4	
22	(1)	Thuja plicata	Western redcedar	0.3	
23	(5)	Thuja plicata	Western redcedar	0.2	Unsurveyed
24	(12)	Thuja plicata	Western redcedar	0.15	Unsurveyed
25	(5)	Unknown	Multi-Stemmed Deciduous	0.15	Unsurveyed
тот	AL NI	JMBER OF TREES TO BE	REMOVED: 156		
		BE RETAINED		PRII	Norm
KEY	ŲΤΥ	BOTANICAL NAME	CCMMON NAME	DBH	NOTES
26	(1)	Arbutus menziesii	Arbutus	0.3	
27	(5)	Psuedotsuga menziesii	Douglas Fir	0.15-0.7	
28	(5)	Alnus rubra	Red Alder	0.15-0.2	
29	161	Thuia plicata	Western redcedar	0.15-0.3	





### TREE PROTECTION FENCE

Prior to construction taking place on site a tee protection Prior to construction taking place on site a tree protection fence (see detail 01, sheet L2.02) shall be installed on site according to the layout as indicated on the Tree Management Plan (see sheet L2.01), the fence is to follow the existing grade.

Prior to the installation of this fence the layout should be reviewed by the City of Nanaimo Urban Forestry Coordinator.

The Project Manager will instruct all trades on the importance of following these tree protection measures. All trades will be required to sign off on their concurrence of

The fence is to remain in place for the duration of construction.

### NOTES:

- Height of fence to be 1.2m (4').
- 2'x 4" to be used for vertical posts, top and bottom rails and cross bracing (in an'X")round un-treated vertical posts may be used with a minimum diameter of 9 cm.
- Spacing between vertical posts to be no further apart than 3.7m (12') on centre.
- Structure must be sturdy with vertical posts driven firmly into ground.
- Continuous plastic mesh screening (e.g. orange snow fencing).
- Signs entitled "Tree Protection Area" to be posted on fence every 15m.
- Location of fence as shown on plan.



1 04-13-21 DP SUBMISSION 2 05-28-21 DP REVISIONS 2021-MAY-28

NO. | DATE | ISSUE

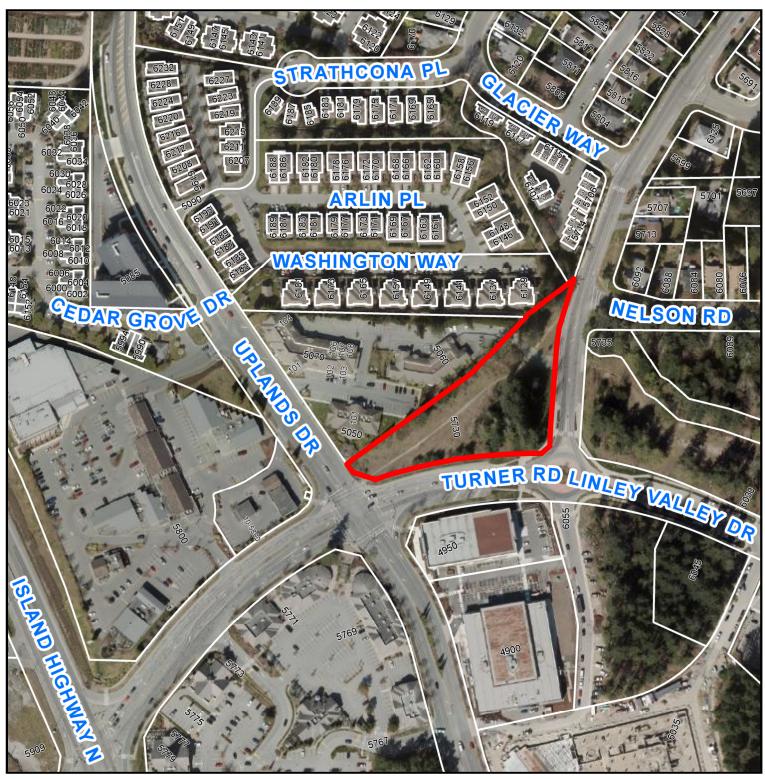
PROJECT TURNER ROAD MIXED-USE 5730 Turner Road Nanaimo, BC

TREE MANAGEMENT **DETAILS** 

PROJECT 20008 DB CM CB KS SCALE NTS DATE FEB 08, 2021

L2.02

# **AERIAL PHOTO**





# **DEVELOPMENT PERMIT APPLICATION NO. DP001231**

