# Development Permit & Development Variance Permit DP21-0009 / DVP21-0012



This permit relates to land in the City of Kelowna municipally known as 575 Patterson Avenue

and legally known as Lot 13 District Lot 14 ODYD Plan 3249

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

#### RM3 - Low Density Multiple Housing

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

<u>Date of Council Decision</u> November 16<sup>th</sup>, 2021

Decision By: COUNCIL

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

Existing Zone: RM3 – Low Density Multiple Housing

Future Land Use Designation: MRL – Multiple Unit Residential (Low Density)

### This is NOT a Building Permit.

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

#### **NOTICE**

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

Owner: Dream Chaser Management & Development Ltd., Inc. No. C1120607

Applicant: Dean Neveu – Dream Chaser Homes

\_\_\_\_\_

Terry Barton
Development Planning Department Manager
Planning & Development Services

Date



#### SCOPE OF APPROVAL

This Development Permit applies to and only to those lands within the Municipality as described above, and any and all buildings, structures and other development thereon.

This Development Permit is issued subject to compliance with all of the Bylaws of the Municipality applicable thereto, except as specifically varied or supplemented by this permit, noted in the Terms and Conditions below.

The issuance of a permit limits the permit holder to be in strict compliance with regulations of the Zoning Bylaw and all other Bylaws unless specific variances have been authorized by the Development Permit. No implied variances from bylaw provisions shall be granted by virtue of drawing notations that are inconsistent with bylaw provisions and that may not have been identified as required Variances by the applicant or Municipal staff.

#### 2. CONDITIONS OF APPROVAL

- a) The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A";
- b) The exterior design and finish of the building to be constructed on the land be in accordance with Schedule "B";
- c) Landscaping to be provided on the land be in accordance with Schedule "C"; and
- d) The applicant be required to post with the City a Landscape Performance Security deposit in the form of a "Letter of Credit" in the amount of 125% of the estimated value of the landscaping, as determined by a Registered Landscape Architect.
- e) That variance to the following section of the Zoning Bylaw No. 8000 be granted in accordance with Schedule "A":

# Section 8.2.19(a): Section 8 - Parking and Loading, Off-Street Parking Regulations, Accessible Parking Standards:

To vary the required accessible stall from 1 required to 0 proposed.

#### Table 8.3.1: Section 8 - Parking and Loading, Required Off-Street Parking Requirements, Residential Parking:

To vary the minimum required parking stalls from 9 required to 4 proposed (including visitor parking).

#### Section 13.9.6(e): RM3 - Low Density Multiple Housing Development Regulations

To vary the required side yard setback from 4.5m required to 2.0m proposed.

#### Section 13.9.6(g): RM3 - Low Density Multiple Housing Development Regulations

To vary the minimum distance between two principal dwellings from 3.0m required to 2.0m proposed.

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

#### 3. PERFORMANCE SECURITY

As a condition of the issuance of this Permit, Council is holding the security set out below to ensure that development is carried out in accordance with the terms and conditions of this Permit. Should any interest be earned upon the security, it shall accrue to the Developer and be paid to the Developer or his or her designate if the security is returned. The condition of the posting of the security is that should the Developer fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the Municipality may use enter into an agreement with the property owner of the day to have the work carried out, and any surplus shall be paid over to the property own of the day. Should the Developer carry out the development permitted by this Permit within the time set out above, the security shall be returned to the Developer or his or her designate. There is filed accordingly:

a) An Irrevocable Letter of Credit OR certified cheque in the amount of \$12,556,60

Before any bond or security required under this Permit is reduced or released, the Developer will provide the City with a statutory declaration certifying that all labour, material, workers' compensation and other taxes and costs have been paid.

#### 4. INDEMNIFICATION

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

ATTACHMENT

A

This forms part of application
# DP21-0009/DVP21-0012
City of
Planner
TC
Kelowna

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

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

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







PHONE: 604 - 499 - 6568



March 16, 2021

#### RE: Arborist Report for Davey Tree Experts - For property located at 575 Patterson Ave., Kelowna, BC

**Applicant:** Davey Tree Experts

C/o: Ralph Nevill

**Phone:** 250 – 801 - 6077

Email: Ralph.Nevill@davey.com

Due to concerns regarding the condition of a tree located at the address named above, an assessment was requested. This site was inspected on March 4, 2021. Seven photographs have been included as part of this report.

Limitations: This report is based on a visual assessment, from the ground only. No core or tissue samples were taken; no root crown excavations were performed. This report provides no undertakings regarding the future condition or behavior of the trees reviewed in it. Tree hazards and conditions do change over time, and the evaluation period for this report is valid for the day on which it was performed only. Trees should always be re-assessed if changes are noted, or after any major weather events. Recommendations are to serve only as a guideline for the retention and protection of the tree(s), and are made according to commonly accepted arboricultural practices, and do not guarantee the survival and/or safety of the specimen(s). No responsibility is assumed for any legal matters as a result of this report. The consultant shall not be required to give testimony or attend court by any reason of this report unless subsequent contractual arrangements are made, including payment of additional fees for such services. Loss or alteration of any part of this report invalidates the entire report. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without verbal or written consent of the consultant. No part of this report shall be conveyed by anyone to the public by any means without prior written consent of the consultant.

Yours truly,

Murill

Ralph Nevill – sent electronically

ISA Certified Arborist #WC-5232 AM

ISA TRAQ Certified Tree Risk Assessor

Ralph.Nevill@Davey.com





Tree #1 is assessed as being at high risk of scaffold limb failure due to significant decay. The deficient pruning history, the significant defects and the extensive decay throughout the scaffold limbs and union make this tree an unsuitable candidate for retention.

TREE	<b>SPECIES</b>	DBH	<b>HEIGHT</b>	Condition	OBSERVATIONS & RECOMMENDATIONS
#		(cm)	(m) est.		

This tree has three stems commencing at about 4ft. The canopy has been previously topped at about 18ft creating large pruning wounds. There are longitudinal cracks with extensive decay in the three main scaffold limbs which have poor attachment. The extensive decay extends into the union and trunk. In one of the stems there is a bird nest indicative of the significant extent of the decay. Small dead branches on the scaffold limbs are also observed. Despite the decline caused by decay, there is vigorous new twig growth at the extremity of the limbs which has developed a wide canopy contributing to the risk of the scaffold limb failure. Pruning the canopy to mitigate the risk of failure is not feasible due to the extent of the decay in the scaffold limbs, union and trunk.

Walnut
(Juglans
sp.)

Est. 50

10 Declining

The subject site front yard and the driveway are the targets

#### **RECOMMENDATIONS:**

Remove this tree; it is at high risk of scaffold limb failure due to decay within the scaffold limbs and union.

Likelihood of Failure = Probable
Likelihood of Impacting Target = High
Likelihood of Failure & Impact = Likely
Consequences of Failure = Significant
Overall Risk Rating = High







Bird nesting in the trunk indicative of extensive decay in the trunk.





There are longitudinal cracks with extensive decay in the three main scaffold limbs which have poor attachment. The extensive decay extends into the union and trunk.

















#### **DEVELOPMENT PERMIT GUIDELINES**

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

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

COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Authenticity and Regional Expression		•	•
Do landscaping and building form convey a character that is distinct to Kelowna and the Central Okanagan?	<b>√</b>		
Are materials in keeping with the character of the region?	✓		
Are colours used common in the region's natural landscape?	✓		
Does the design provide for a transition between the indoors and outdoors?	<b>√</b>		
Context			
Does the proposal maintain the established or envisioned architectural character of the neighbourhood?	<b>√</b>		
Does interim development consider neighbouring properties designated for more intensive development?	<b>√</b>		
Are façade treatments facing residential areas attractive and context sensitive?	✓		
Are architectural elements aligned from one building to the next?	<b>√</b>		
For exterior changes, is the original character of the building respected and enhanced?			✓
Is the design unique without visually dominating neighbouring buildings?	✓		
For developments with multiple buildings, is there a sense of architectural unity and cohesiveness?	<b>√</b>		
Relationship to the Street			
Do buildings create the desired streetscape rhythm?	✓		
Are parkade entrances located at grade?			<b>√</b>
For buildings with multiple street frontages, is equal emphasis given to each frontage?			<b>√</b>
Massing and Height			
Does the design mitigate the actual and perceived mass of buildings?	<b>✓</b>		
Does the height consider shading and view impacts for neighbouring properties and transition to less intensive areas?			
Human Scale		ı	1
Are architectural elements scaled for pedestrians?	✓		
Are façades articulated with indentations and projections?	<b>√</b>		



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



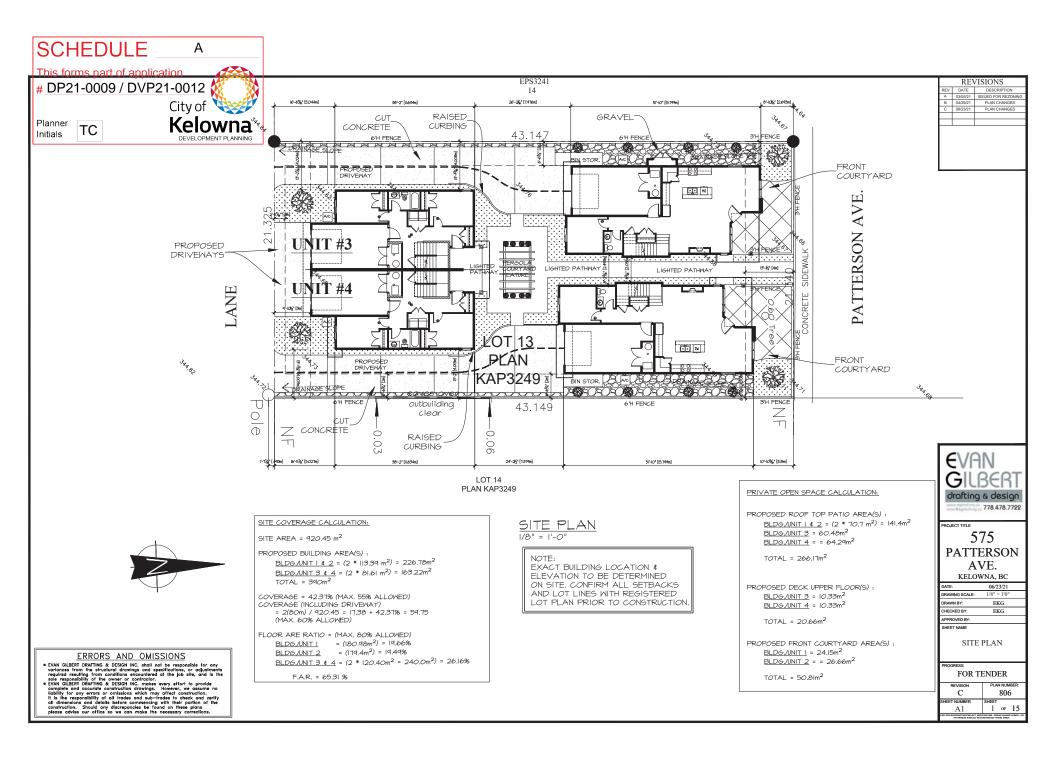
COMPREHENSIVE DEVELOPMENT PERMIT AREA **YES** NO N/A Do vehicle and service accesses have minimal impact on the streetscape and  $\checkmark$ public views? Is visible and secure bicycle parking provided in new parking structures and **Environmental Design and Green Building** Does the proposal consider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

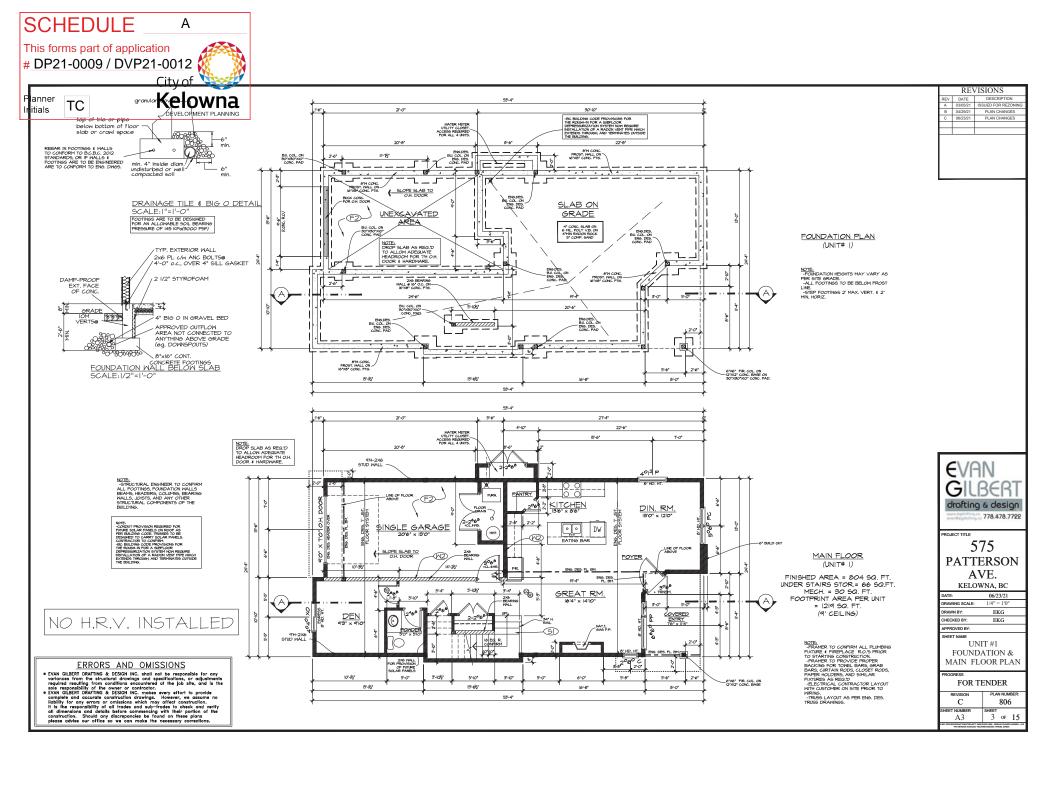


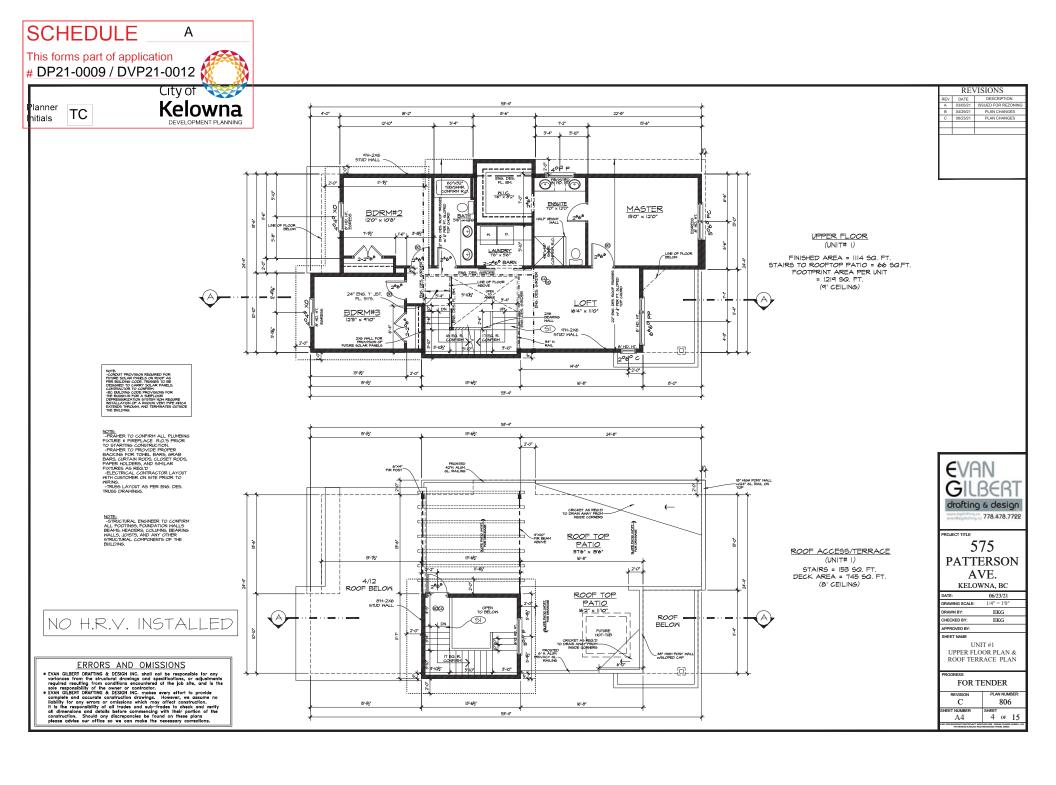
COMPREHENSIVE DEVELOPMENT PERMIT AREA YES NO N/A Do parking lots have one shade tree per four parking stalls?  $\checkmark$ Does the Landscape Architect's Landscape Water Conservation Report: Meet the requirements for Landscape Water Budget calculations for the  $\checkmark$ landscaped area? Indicate how the development complies with or varies from the  $\checkmark$ Landscape Water Conservation Guidelines? Landscape Water Conservation Guidelines Are plants grouped into "hydro-zones" of high, medium and low or unirrigated / **√** unwatered areas? Does at least 25% of the total landscaped area require no irrigation / watering?  $\checkmark$ Does at least 25% of the total landscaped area require low water use? **√** Does at most 50% of the total landscaped area require medium or high water use?  $\checkmark$ Is mulch cover provided for shrubs and groundcover to reduce soil evaporation?  $\checkmark$ **√** Do water features such as pools and fountains use recirculated water systems? Do landscape installation standards meet the requirements of the BC Landscape Standard and / or the Master Municipal Construction Document?  $\checkmark$ Are the required written declarations signed by a qualified Landscape Architect? *Irrigation System Guidelines* Is the Irrigation Plan prepared by a Qualified Professional?  $\checkmark$ Are irrigation circuits grouped into "hydro-zones" of high, medium and low or unirrigated / unwatered areas consistent with the landscaping plan? Is drip or low volume irrigation used?  $\checkmark$ Are the required written declarations signed by a qualified Certified Irrigation  $\checkmark$ Designer? Crime prevention Are CPTED practices as related to landscaping, siting, form and exterior design  $\checkmark$ included in the design? Are building materials vandalism resistant? Universal Accessible Design Is access for persons with disabilities integrated into the overall site plan and  $\checkmark$ clearly visible from the principal entrance? Are the site layout, services and amenities easy to understand and navigate?  $\checkmark$ Lakeside Development Are lakeside open spaces provided or enhanced?

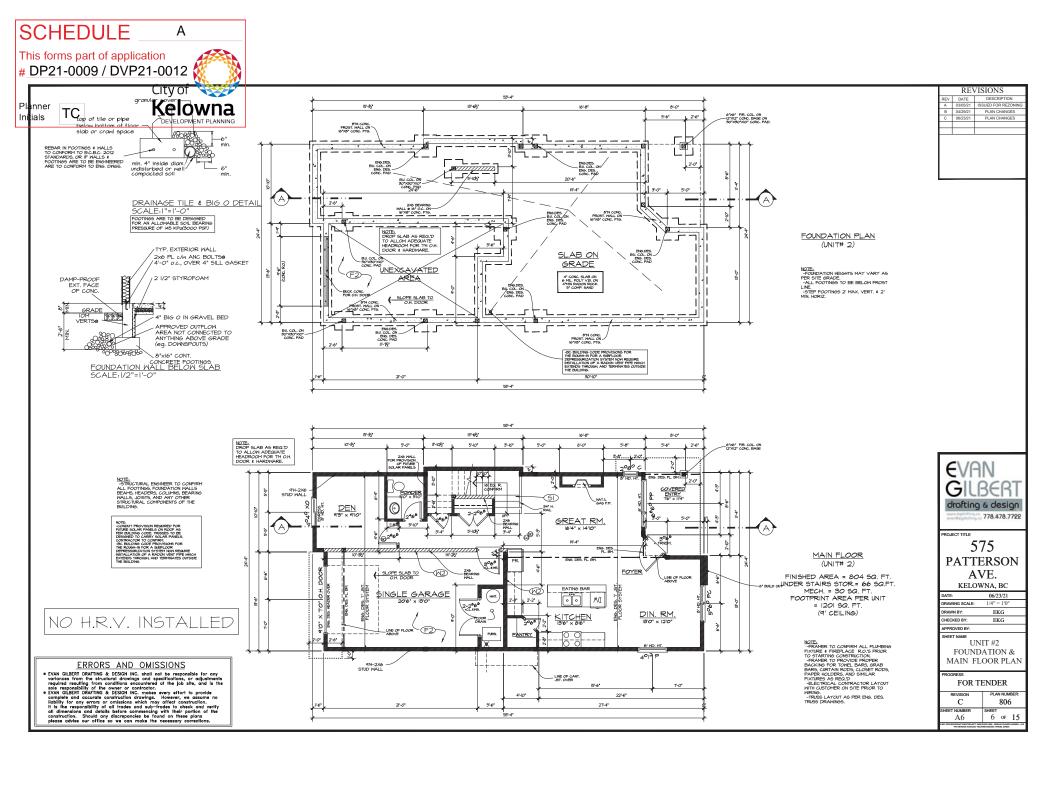
COMPREHENSIVE DEVELOPMENT PERMIT AREA	YES	NO	N/A
Are lake views protected?			<b>✓</b>
Does lakeside development act as a transition between the lake and inland development?			<b>√</b>
Signs			
Do signs contribute to the overall quality and character of the development?			✓
Is signage design consistent with the appearance and scale of the building?			<b>√</b>
Are signs located and scaled to be easily read by pedestrians?			<b>√</b>
For culturally significant buildings, is the signage inspired by historical influences?			<b>√</b>
Lighting			
Does lighting enhance public safety?			
Is "light trespass" onto adjacent residential areas minimized?			
Does lighting consider the effect on the façade, neighbouring buildings and open spaces?			
Is suitably scaled pedestrian lighting provided?			
Does exterior street lighting follow the International Dark Sky Model to limit light pollution?			

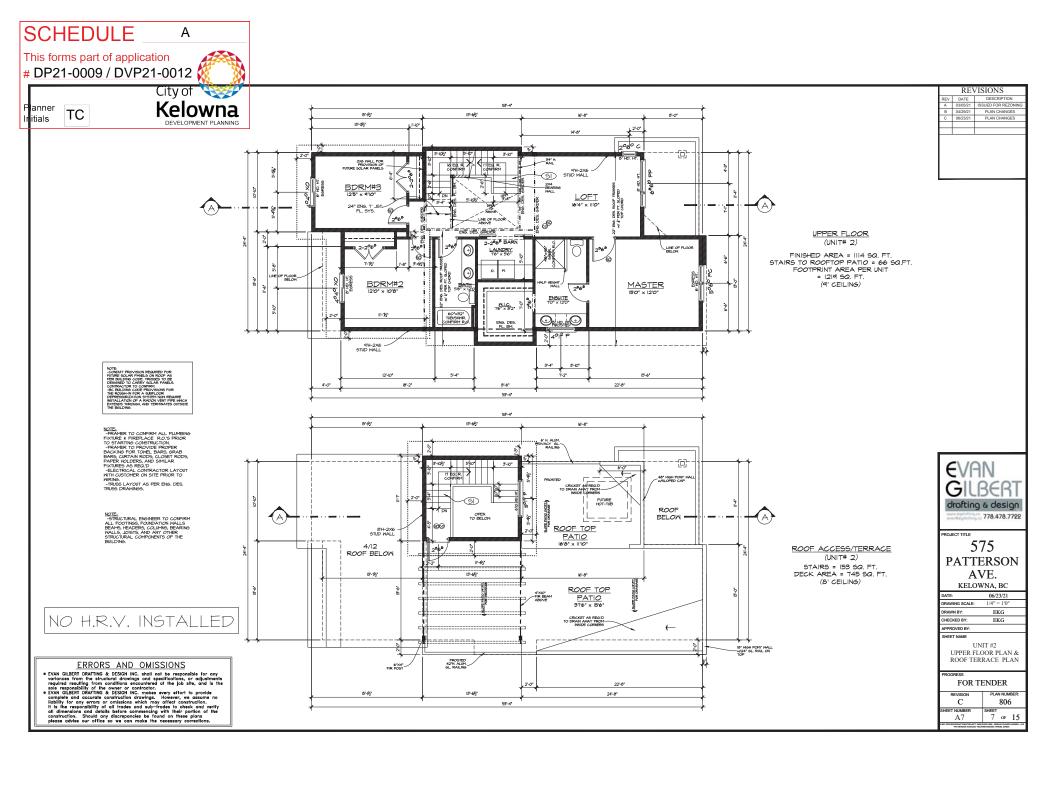














TC top of tile or pipe below bottom of floor slab or crawl space REBAR IN FOOTINGS & WALLS TO CONFORM TO B.C.B.C. 2012 STANDARDS, OR IF WALLS & FOOTINGS ARE TO BE ENGINEERED ARE TO CONFORM TO ENG. DWGS. min. 4" inside diam. undisturbed or well compacted soll

FOOTINGS ARE TO BE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 145 KPa(3000 PSF) TYP. EXTERIOR WALL / 2x6 PL c/w ANC BOLTS® /4'-0" o.c., OVER 4" SILL GASKET 2 1/2" STYROFOAM DAMP-PROOF GRADE IOM VERTS® 4" BIG O IN GRAVEL BED APPROVED OUTFLOW AREA NOT CONNECTED TO ANYTHING ABOVE GRADE (eg. DOWNSPOUTS) 8"x16" CONT FOUNDATION WALL BELOW SLAB

SCALE:1"=1'-0"

NOTE: -FOUNDATION HEIGHTS MAY VARY AS PER SITE GRADE. -ALL POOTINGS TO BE BELOW PROST LINE: -SITEP FOOTINGS 2' MAX. VERT. & 2' MIN. HORIZ.

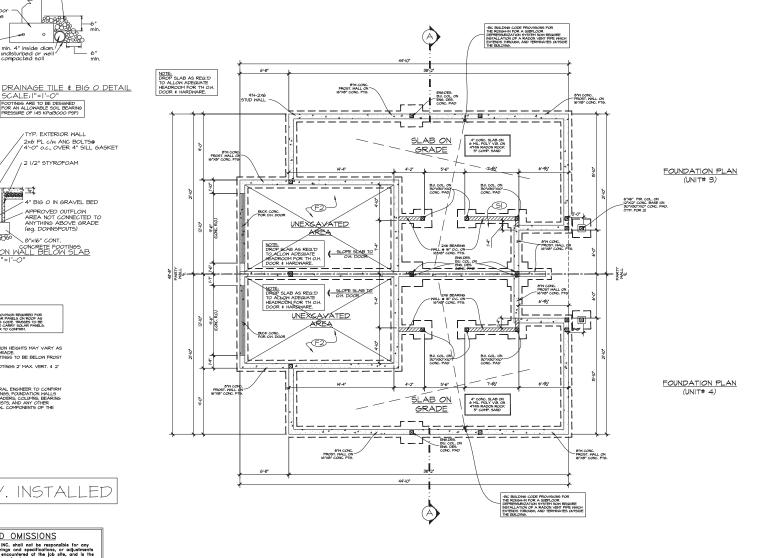
NOTE:
-STRUCTURAL ENGINEER TO CONFIRM
ALL FOOTINGS, FOUNDATION WALLS
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WALLS, JOSTS, AND ANY OTHER
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NO H.R.V. INSTALLED

#### ERRORS AND OMISSIONS

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REVISIONS

PLAN CHANGES

C 06/23/21

**EVAN** 

PROJECT TITLE

DRAWING SCALE:

CHECKED BY:

APPROVED BY:

C

A10

drafting & design

575

**PATTERSON** 

AVE.

KELOWNA, BC 06/23/21

UNIT #3 & #4 FOUNDATION PLAN

FOR TENDER

1/4" = 1'0" EKG

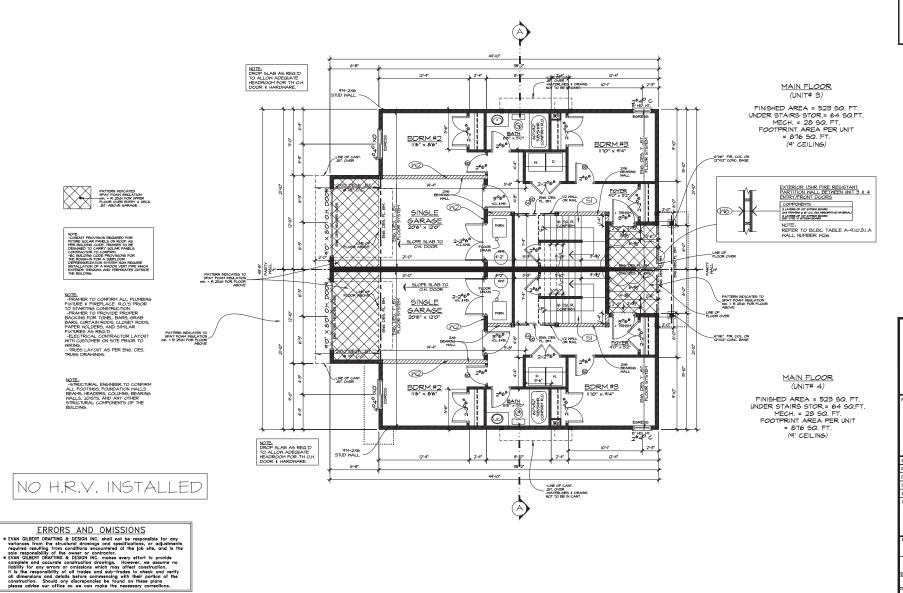
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778.478.7722



REVISIONS C 06/23/21 PLAN CHANGES



EVAN drafting & design 778.478.7722

PROJECT TITLE

575 **PATTERSON** AVE. KELOWNA, BC

DATE:	06/23/21	
DRAWING SCALE:	1/4" = 1'0"	
DRAWN BY:	EKG	
CHECKED BY:	EKG	
APPROVED BY:		

UNIT #3 & #4 MAIN FLOOR

PLAN

FOR TENDER

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REVISIONS C 06/23/21 PLAN CHANGES

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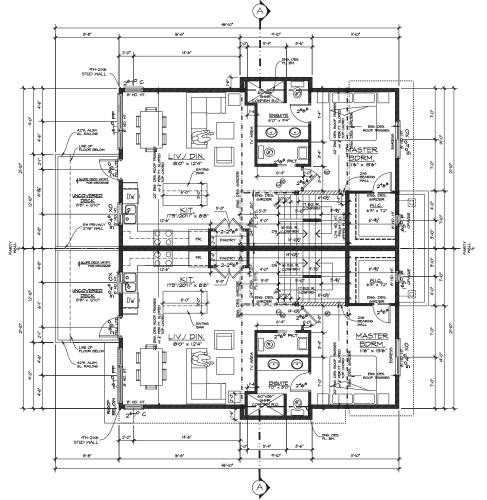
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UPPER FLOOR (UNIT# 3)

FINISHED AREA = 773 SQ. FT. (ACCESS STAIR TO ROOF TERRACE 75 SQ. FT.) DECK AREA = III SQ. FT. (9' CEILING)

> UPPER FLOOR (UNIT# 4)

FINISHED AREA = 773 SQ. FT. (ACCESS STAIR TO ROOF TERRACE 75 SQ. FT.) DECK AREA = III SQ. FT. (9' CEILING)



PROJECT TITLE

575 **PATTERSON** AVE. KELOWNA, BC

DATE:	06/23/21	
DRAWING SCALE:	1/4" = 1'0"	
DRAWN BY:	EKG	
CHECKED BY:	EKG	
APPROVED BY:		
CHEET NAME		

UNIT #3 & #4 UPPER FLOOR PLAN

FOR TENDER

REVISION	PLAN NUMBER:		
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Planner Initials

TC

Kelowna DEVELOPMENT PLANNING

REVISIONS | REV | DATE | A 03/05/21 | ISSUED FOR REZUMING | B 04/29/21 | PLAN CHANGES | O8/23/21 | PLAN CHANGES |

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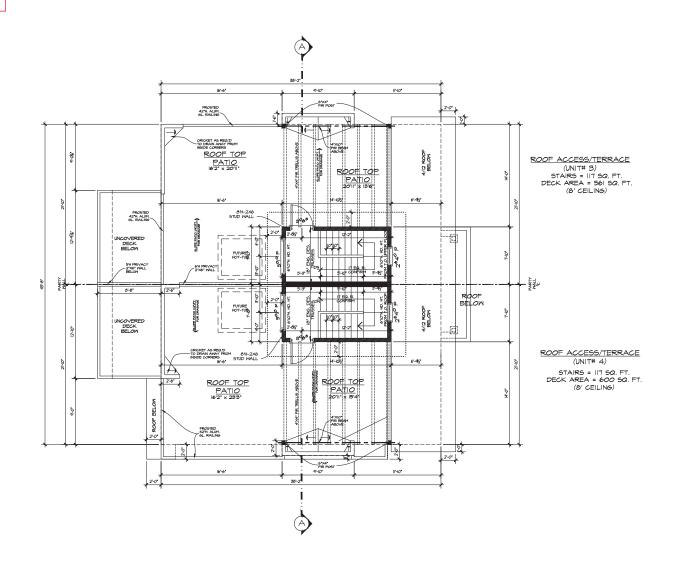
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**EVAN** drafting & design 778.478.7722

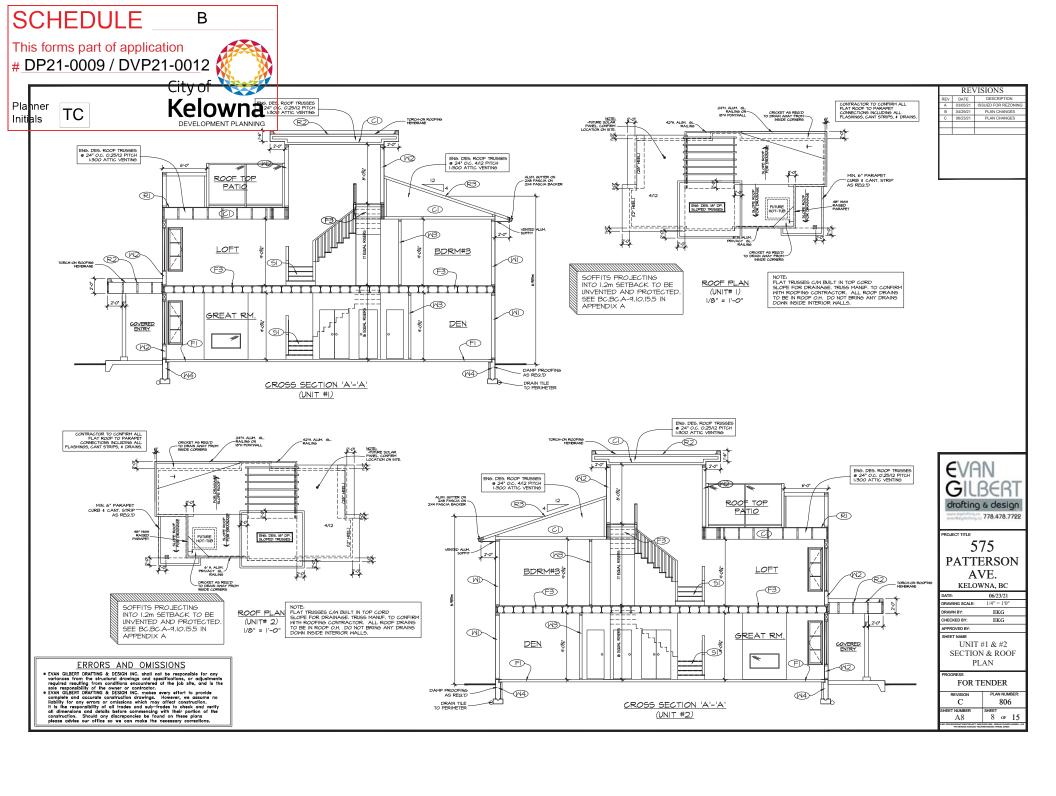
575 **PATTERSON** AVE. KELOWNA, BC

DATE:	06/23/21	
DRAWING SCALE:	1/4" = 1'0"	
DRAWN BY:	EKG	
CHECKED BY:	EKG	
APPROVED BY:		
CHEET NAME		

UNIT #3 & #4 ROOF ACCESS/ TERRACE PLAN

FOR TENDER

C 806 13 or 15 A13





REVISIONS C 06/23/21 PLAN CHANGES

EVAN

PROJECT TITLE

DRAWING SCALE:

CHECKED BY:

APPROVED BY:

C

A14

drafting & design 778.478.7722

575

**PATTERSON** AVE. KELOWNA, BC

UNIT #3 & #4

SECTION & ROOF PLAN

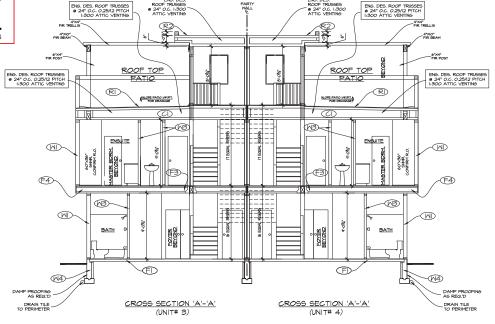
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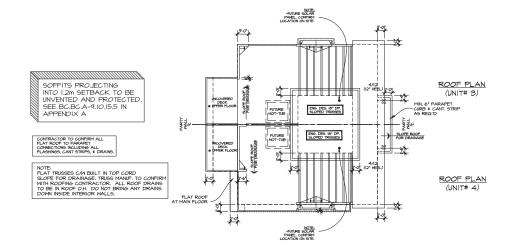
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EKG

EKG

806 14 of 15

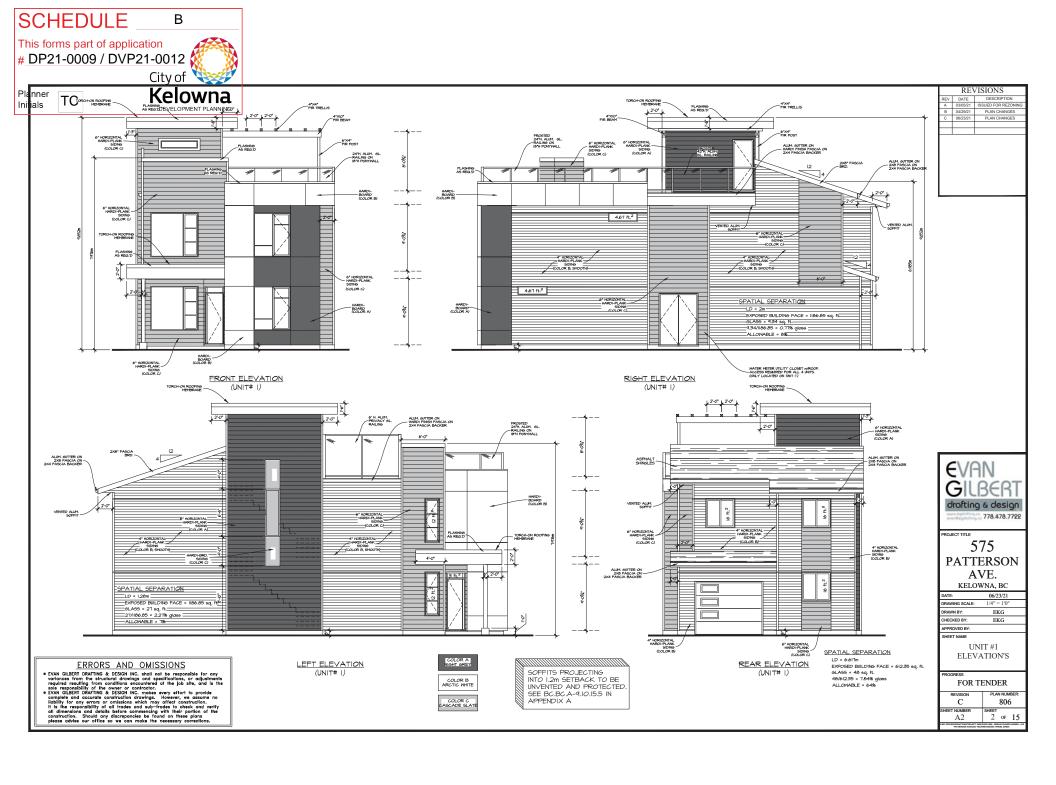


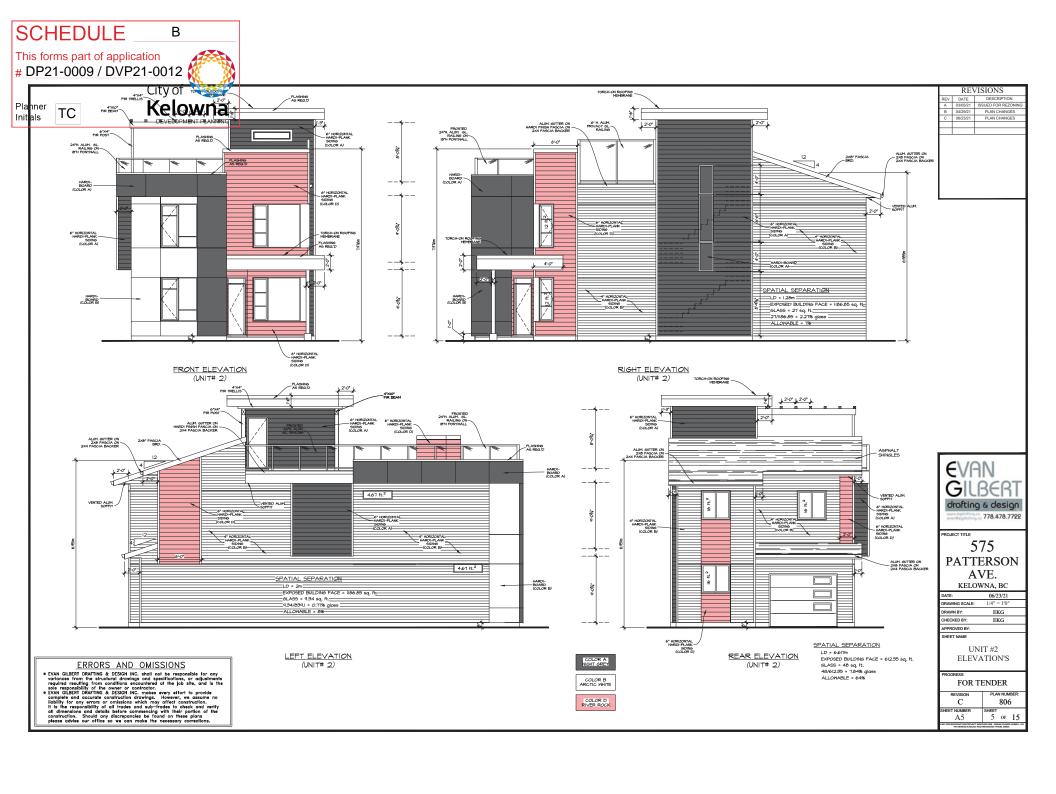


#### ERRORS AND OMISSIONS

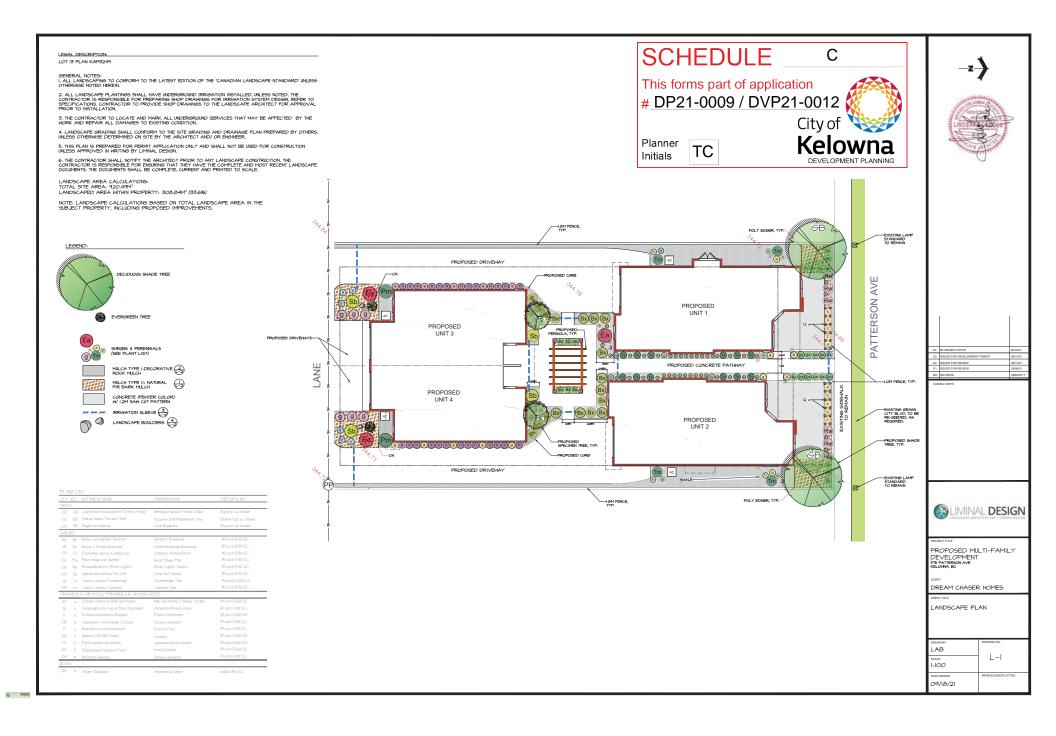
- EVAN GIBERT DATING & DESIGN INC. sholl not be responsible for any varioness from the structural drawings and specifications, or adjustments sole responsibility of the owner or controctor.

   EVAN GIBERT DARTING & DESIGN INC. makes every effort to provide complete and occurred construction drawings. However, we assume no complete and occurred construction drawings. However, we assume no it is the responsibility of all trades and sub-frodes to check and verify all dimensions and defails before commencing with their portion of the construction. Should any discrepancies be found on these plans please achies our riflets are even make the reseasory corrections.





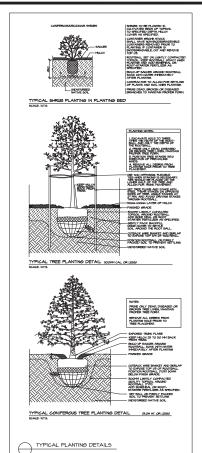




This forms part of application



# DP21-0009 / DVP21-0012



#### LANDSCAPE SPECIFICATIONS

#### GENERAL

 All landscape work undertaken shall conform to the <u>Canadian</u> andscape Standard, latest edition, unless otherwise specified. 2. The Contractor shall be responsible for locating all undergrown conflicts to the conflict of the vertical report any position conflicts to the conflict of the vertical report and position tettilise or site services must be reported immediately to the to exist solidaction of the Architect or the Owner's representative. The Contractor is responsible for all coles for damages.

The Contractor shall leave the site in a neat and tidy condition at the end of each scriting day and at the completion of the contract. The Contractor shall ensure public safety is maintained at all times during the contract.

 Materials substitutions will only be considered after a written list is submitted to the Architect prior to installation. The Contractor shall notify the Architect, in advance, at least 24 hours prior to requesting an on-site field review of the work.

A. TREE PROTECTION (FROM CANADIAN LANDSCAPE STANDARD 2ND ED.)

Critical Protection Zones for trees should be determined by referencing Toble I: Determining Critical Protection Zones for Trees.

 Physical protection barriers shall meet all applicable mulcipal bijous and requisitory requirements. As a minimum, protective fencing should be erected outside the drip-line or as shown in Table II. Skildelines for Determining Critical Protection Zones for Trees.

Signage should be provided at regular intervals along protective fencing indicating the function of the fencing, i.e. "Tree/Plant Protection Area - Do Not Enter."

T. Ances of trees and vegetation Critical Protection Zones shall be fence off by reach of the state of the s pars.

plysood hoarding mounted securely to steel or stundy
its. Posts should be installed no farther than 2.4m (6H).

section posts. Posts about 5e national or forther time 2-de (8th) 3e Board feeting consisting of posts servine of 4 data (8p dec 12\* to 47 set 1 a sourchy) in the ground ont adverting of least in (8th) down of 1 data (8

8. Protective fencing shall be removed only when all construction is fully completed.

#### B. SITE PREPARATION

Rough/finish subgrade and have rough grading approved by the Architect prior to houting and spreading topsoil. The Contractor is responsible for all survey.

responsible for all survey.

2. Remove excess rocks, builders, builgs roots, stumps or othin impediments not conductive to landscaping, dispose of these m of an approved dumping location off-site unless otherwise drive the Architect. Fordab the site to drain away from buildings to a with the Site Grading Plan or as directed by the Architect.

C. TOPSOIL & FINISH GRADING

Bristing stockplied or notive topsoil shall be screened to remove rocks, seeds, grass and other deleterious material before being accepted for lockscaping. She that greatel that be amended the concepted the foreinde

2. Imported topsoil shall be good quality, clean, loose well draining planting soil and shall be approved by the Architect prior to installation. The approved topsoil in seal than the following oil maximum 586 clay content and 50-50% sond content; by piril of between 50 and 10 and in minimum arganic content of 10%, Topsoil or 100 and 100 and in minimum arganic content of 10%, Topsoil or Imported topsoil may be requested by the Architect and shall be policy by the Controllor will fine engineering expeditionis in lend. Topsoil shall be spread over a loose, scarified subgrade to depths as specified.

Dryland Grass/VildFlower (hydroseeded/seeded) areas: Timm depth.

minimm, Loun gross (seeded or turf) areas: ISOmm depth minimm; Planting beds (simply areas: 450mm depth minimm; Finish grade topsoil areas to permit finish landscaping as shown on the drawings. Backfill tree pits with a minimum 300mm of topsoil around all sides of the nootball unless otherwise specified.

sides of the rodotal unless otherwise specifical.

A Think growth is privileg and inder-frienting lapsoil while removing all sispen as shows in the drawings or as directed by the Architect. In a consense of 25 for positive service accessed, privilegal, and a service of 25 for positive service accessing. Privilegal, the service of 25 for positive services accessing. Privilegal privilegal, and control of the privilegal control of 25 for positive services accessing a privilegal privilegal control from the control of 25 for positive services and positive services are positive services and positive services are positive services and positive services are positive services. The control of 25 for positive services are positive services and positive services are positive services.

#### D. PLANT MATERIAL

 All plant material shall be healthy, free of disease, pests, showing good growth characteristics and shall be No. I grade. Plant material shall be guaranteed for a period of one (i) year from date of final acceptance/contract completion.

All plant material delivered to the site must be individually labeled with botanical and common names and labels left in place until the Architect has inspected and approved planting.

4. The Contractor shall supply the necessary planting soil, fertilizers, bonemeal, insecticides and anti-desiscants as required to ensure proper planting procedure. The Contractor shall mointain the plant noterial will final acceptance of the καrk and to the satisfaction of the Architect.

Pintsh all planting beds with 15mm depth of medium grade, clean, Pir-bank much or rock much on landscape fabric to finished grade as shown or specified on the drawings.

 Provide sample of mulch to Architect for approval prior to leaterfalling. Avoid installing mich in areas of groundcover or annual plantings, unless otherwise directed by the Architect.

#### E. PLANTING MULCH

Linearation (\*\*Töhlad!\*). Contractor to provide samples of milch to Architect for approval prior to histolicition.
2. All trees and shribs located in gross or hydroseed areas, where milch is not shows shall be treated with "5mm depth areas medium fir milch adeading! Socialism from stem, histolicition for milch histolicition (\*\*Totalism from stem, histolicition for stem, histolicition for stem, histolicition for adealism stem, and applies little milch to finished grade, milch types and depths little milch to finished grade, milch types and depths little milch to finished grade, milch types and depths little milch to finished grade, milch types and depths little milch to finished grade, milch types and depths little milch to finished grade.

5. There of picting poels with minks to freshed grouts, minks higher of depth sizes.

Depth. Time

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#### F. LANDSCAPE MAINTENANCE

The Contractor shall be responsible for providing all materials, equipment and labour required for the purpose of maintaining all new and existing landscaping during the course of the contract.

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1. Measurement of the bioteclapsing by the correction that list lacks, but if the cutting of lient areas to 50ms (9.7 height and since time classing law grades assessed a feegal of 10ms (9.7. All grades) are seen of 10ms (1.7. height and since time control of all grades are seen in the cutting of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms). The cutting of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms). The cutting of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms). The cutting of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms). The cutting of 10ms (1.7. height and 10ms) are seen of 10ms (1.7. height and 10ms).

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A. Operation and adjalement of the intergrand sprinter system.

A. Operation and adjalement of the intergrand sprinter system

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5. The number of projects of certain chapters (subsprinted).

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6. The identity are recovered of gertages so that the site is left in a card and tall granded mental and subsprinter such day.

7. All forescope mathematic procedures shall be to a high standard and shall be often to the solidation for the Architect.



#### IRRIGATION SPECIFICATIONS

The Contractor shall schedule installation of the underground sprinkler system in conjunction with the installation of landscape work in the contract. During the contract, the Contractor shall have a qualified foreman, well versed in all aspects of irrigation work,

4. The Contractor is responsible for obtaining all necessary permits for electrical and plunibing connections as may be required. The Contractor shall be responsible for obtaining CSA approvals on parts or equipment if this is not provided by others.

parts or equipment if this is not provided by others.

5. The Controctor shall provide design and all the components the trigation system as specified on the approved shop drawing tissestitions for disternative parts still any be consistent if the Contractor sistents a list of proposed expols to the Owner's Representative, is uriting prior to beginning some. Approvide for design analism rejection of substitutions still be provided to the Contractor in sining by the Owner's representative.

6. The Contractor shall guarantee the installation and operation of the irrigation system for a period of one (I) year from the date of final acceptance of the contract. This guarantee shall not override a manifacturer's guarantee on parts # E is for a longer period of

The Contractor shall be responsible for initerting the system in the fall and starting the system the following spring as part of this contract.

Some Contractor shall provide the Cheen's Representative with an As-Bull reproductive noting of special in scale of the design drawing of the completed system before that acceptance to the solidation of the Cheen's Representative. The Contractor shall provide the Operations Manual for the controlled and any other information necessary for the regular operation or maintenance of the irrigation spaties.

#### A. PIPE AND FITTINGS

Pipe shall be buried a minimum of 400mm (lé\*) below finished grade and trenches must be backfilled with sand or approved non-obrasive moterial. Stores over 8mm diameter must be removed from trenches and shall not be used as backfill.

3. All manual and remote control valves, double check/backflow preventers, pressure reducing valves, under meters, filters, drain than 14th left filter filters and the control valves and the control than 14th left filter filters of public valves otherwise noted on the plan. Lockable plastits valve boxes must be approved by the Overs's Representative prior to installation.

#### C. SPRINKLERS

Spray sprinklers on risers shall be installed on suing joints and shall be set plants approximately 200mm (127 above Frield grade

Drip emitters shall be pressure compensating, self-flushing, with a discharge of 2.0 GPH. Set emitters slightly above finished grade for visual conformation of operation and ease of maintenance, unless noted otherwise on the plans.

5. All drip emitter zones and microjet zones shall include a 3/4\* diameter yetrainer filter, 3/4\* diameter pressure regulation valve and 3/4\* diameter isolation valve in a valve box with the zone

#### D. CONTROLLER

The controller shall be hard-sixed directly lato the nearest subbits electrical service panel or electrical action in accordance of the Owner's Representative. The Controller shall obtain all necessary permits, respectators and approvale from the local approving authority.

Interior Building installation: mount the controller in a location is shown on the drawings and as approved by the Owner's spresentative prior to installation.

4. Exterior Building installiction: mount the controller in a vanidal proof, seatherproof, lockable, 3.2mm (I/P) steel box, of a suitable steel for the irrigation controller. Finish the box with a minimal value of costs of next inflighting paint to match building colour or as directed by the Cheen's Representative.

5. Exterior Remote Location must the controller in a vandal proof, seatherproof, lockable, partied pedestal cabriet or 3.2mm (87) sheet box at a location as shown on the drawings. The Contractor shall be controlled to the characteristic controller of the characteristic controller of the characteristic control interest of the characteristic control interest.

The Contractor shall prepare and subsit shap drawings of any extension controller installation, including the details of sizes, malaratin and combination methods for the seather-proof look to howe the controller. Shop drawings must be approved by the Covier's Representative prior to construction or installation.

## MINAL DESIGN

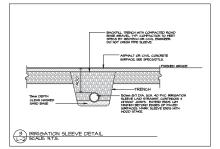
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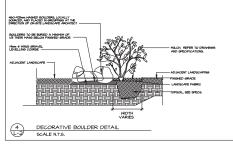
PROPOSED MULTI-FAMILY DEVELOPMENT 575 PATTERSON AVE KELOWNA, BC

DREAM CHASER HOMES

DETAILS & SPECIFICATIONS

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