

Date: 2016-01-13

Edgecombe Builders

101, 1290 St. Paul Street Kelowna, BC, V1Y 2C9
Phone: 778-484-7077



Attn: Kevin Edgecombe

Re: 15965 Sole2 – 1350 St. Paul Street Kelowna – Design Rationale

Dear Kevin,

For submittal to City of Kelowna regarding Design rationale for the above noted project. The name 'Sole' is a direct reference to the footprint of the building; in this case, the footprint is compact, efficient, and distinctly urban. Increased density is a common goal of many planners and Official Community Plans, including Kelowna's, to promote dynamic central centers. The C7 zoning allows for sufficient height, and benefits from an amendment to the BC Building Code, permits additional height for wood framed buildings. More units and more density will benefit the city in a number of ways as there will be an increased residential component in the city centre, critical mass, and improved aesthetics. The strategy of a compact, mixed use, attractive, and environmentally designed building also supports the business plan and would make the project financially viable.

The 'Sole 2' development will occupy the entire site, except for a public access strip on the south side of the property, creating a strong urban edge at the pedestrian level along St. Paul Street and fit into the flourishing urban fabric. Expansive parking lots create unsightly gaps in the urban rhythm. 'Sole' will house its vehicle and bicycle parking within a two storey concrete podium, with Commercial Retail Units on the street side, and offices on the third floor. The Residential floors above will be clad in a combination of cement board and metal panels (see Elevations). There will be inclusion of wood as an accent material in columns, canopies, and trellises. All units will have balconies. The roof patio will provide a landscaped oasis with a view toward the lake. Affordability is important to the success of the project, but so is quality. More compact unit sizes allow for materials that create an attractive potential first home for a young urban professional, a recent graduate, or a retired couple. Diversity is also what makes downtown living interesting and dynamic.

Sustainable strategies will be explored for durability of materials, efficiency of systems, and water use reduction. The target market values this approach. Again, increased density means increased efficiency. The design, materials, colors, and systems of the proposed 'Sole' building will be a positive addition to the City Centre and will encourage similar development strategies, consistent with your planning direction that will benefit the City of Kelowna.

Sincerely,

A handwritten signature in black ink, appearing to read 'Adam Bouzane', is written over a horizontal line.

Adam Bouzane for
Brian Quiring
Project Architect, CEO
MQN Architects

Brian F. Quiring
Architect AIBC, MAA, M.Arch

Vicki A. Topping
Architect AIBC, M.Arch. LEED AP+

100, 3313 - 32nd Avenue
Vernon, British Columbia
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Date: 2016-01-13

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Phone: 778-484-7077



Attn: Kevin Edgecombe

**Re: 15965 Sole2 – 1350 St. Paul Street Kelowna – Development
Permit Variance Rationale**

Dear Kevin,

Please refer to the below listed variance narrative for the above noted proposed project.

1. Internal Laneway size: Parking bylaw prescribes 7m width. Request variance allowing reduction to 6.0m. The approved and constructed Sole on St. Paul precedent is evoked and suggested for use on Sole 2. The main drive aisles would be wider than Sole on St. Paul, with aisle widths of 6.5m and 6.6m, as well as a greater portion of the stalls as large stalls than the predecessor.
2. Loading space: The proposed building has 100% site coverage precluding loading space. Request variance to reduce loading space requirement to 0. Precedent is Vernon bylaw which allows waiving of the loading space for the City Centre. Loading would be provided via temporary parking on St. Paul street, as with Sole on St. Paul.
- 3a. C7 Setback Above 15m Street side: The prescribed setback for this item is limited to no encroachment less than 3.0m, however our design proposed an encroachment of 0.1m to coincide with the original Sole 1 project design, form and character of the building. We also noted from the elevations, plans and rendering that only a portion of the total lot width varies this encroachment at the levels above 15m (approximately $68.2\text{ft}/105.6\text{ft} = 64.6\%$ of the St. Paul face).
- 3b. C7 Setback Above 15m Abutting property side: The prescribed setback for this item is limited to no encroachment less than 4.0m, however our design proposed an encroachment of 3.7m on the north project face, to coincide with the original Sole 1 project design, form and character of the building. We propose the variance for the above given; that the south side does not exhibit this restriction and rather demonstrates 5.3m clear offering 24.5% over compliance ($4.0\text{m}/5.3\text{m}$). The north side encroachment also falls below a 10% variance at 7.5% encroachment ratio ($3.7\text{m}/4.0\text{m} = 92.5\%$ compliance).

[Continued on next page]

Brian F. Quiring
Architect AIBC, MAA, M.Arch

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3c. C7 angle of incidence above 15m: The prescribed setback for this item is limited to and angle of incidence of 80°. Proposed development suggests an angle of incidence at 88.5° to coincide with the original Sole 1 project design, form and character of the building. We propose the variance for the above given; the previous mentioned variance noted in item 5a creates the increased angle due to the street side encroachment. This variance falls below a 10% variance at 9.6% ($80^\circ/88.5^\circ = 90.4\%$ compliance). Deviation from the required compliance would significantly alter the form and function of the suggested project.



3d. C7 maximum floor plate area above 15m. The prescribed maximum allowable area, for this lot is limited to 676m². The proposed design, which matches the original Sole project, only a few blocks to the north, exhibits a floor plate area of 956.7m². Though there is a significant deviation from the prescribed requirement, the suggested reduction would render the proposed project uneconomical and unfeasible. Utilizing the precedence of the success, form and character of the original Sole project to this proposed project, we believe that a variance for this item is reasonable.

3e. C7 maximum diagonal floor plate dimension above 15m. The prescribed maximum allowable diagonal distance, for this lot is limited to 39m. The proposed design, which matches the original Sole project, only a few blocks to the north, exhibits a diagonal floor plate distance of 48.1m. Following similar logic to 5b, there is a significant deviation from the prescribed requirement. The suggested reduction would render the proposed project uneconomical and unfeasible. Utilizing the precedence of the success, form and character of the original Sole project to this proposed project, we believe that a variance for this item is reasonable.

We believe that the aforementioned variances are reasonable, and are necessary to allow this project to proceed. Feel free to contact us at any time with questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Adam Bouzane', is written over a light blue horizontal line.

Adam Bouzane for
Brian Quiring
Project Architect, CEO
MQN Architects

Brian F. Quiring
Architect AIBC, MAA, M.Arch

Vicki A. Topping
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SOLE 2 - 1350 ST. PAUL STREET, KELOWNA, BC

EDGECOMBE BUILDERS



SOLE 2 - 1350 ST. PAUL STREET, KELOWNA, BC
ISSUED FOR DEVELOPMENT PERMIT
2018/01/13

ARCHITECTURAL
MQN ARCHITECTS

SUITE 100 - 3113 32ND AVENUE
VERNON, BRITISH COLUMBIA V1T 2M7
P. 250-542-1199 F. 250-542-5238

ARCHITECTURAL DRAWING LIST

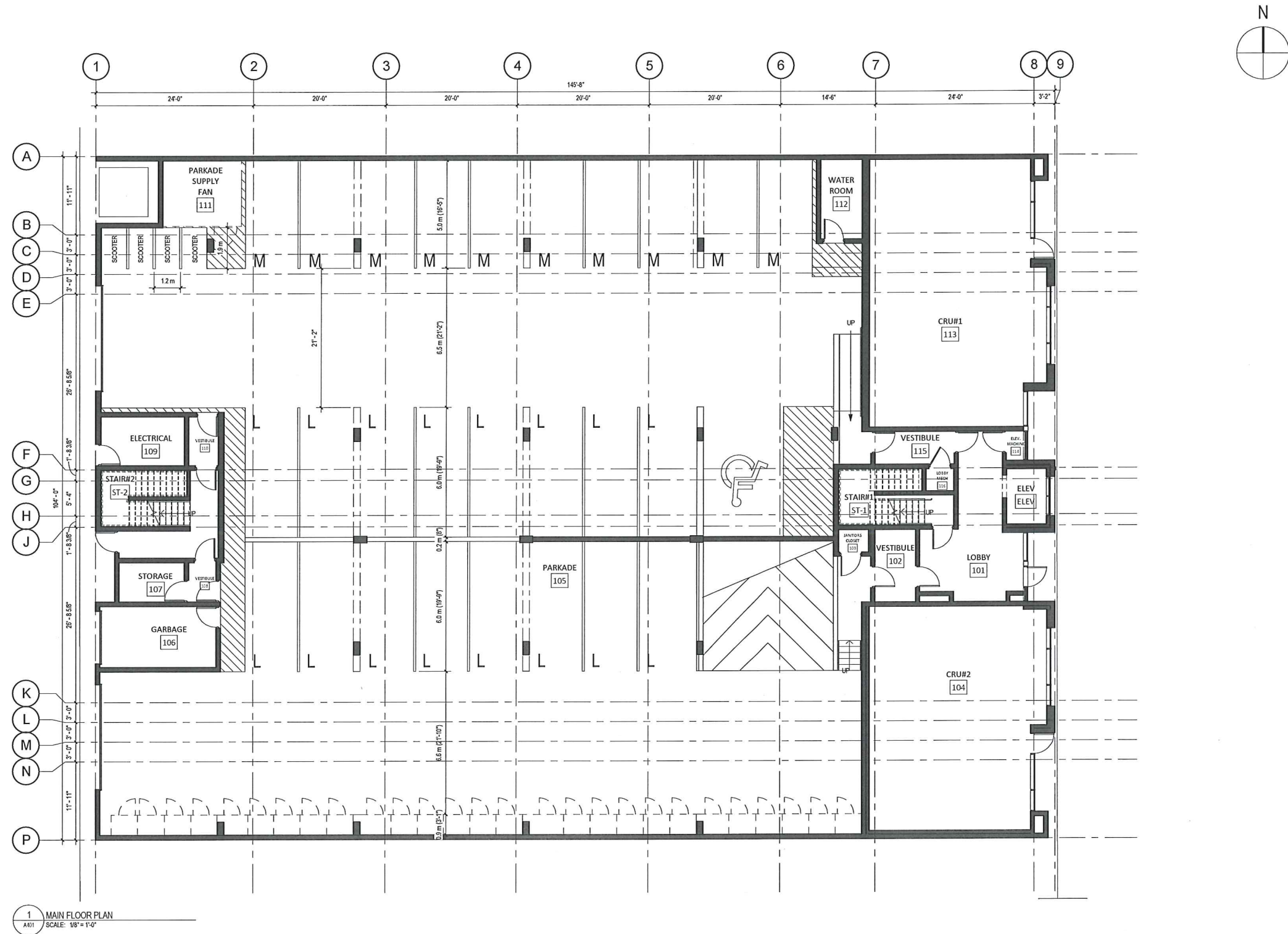
- A000 TITLE PAGE
- A101 SITE PLAN
- A201 MAIN FLOOR PLAN
- A202 SECOND FLOOR PLAN
- A203 THIRD FLOOR PLAN
- A204 FOURTH FLOOR PLAN
- A205 FIFTH FLOOR PLAN
- A206 SIXTH FLOOR PLAN
- A401 EXTERIOR ELEVATIONS

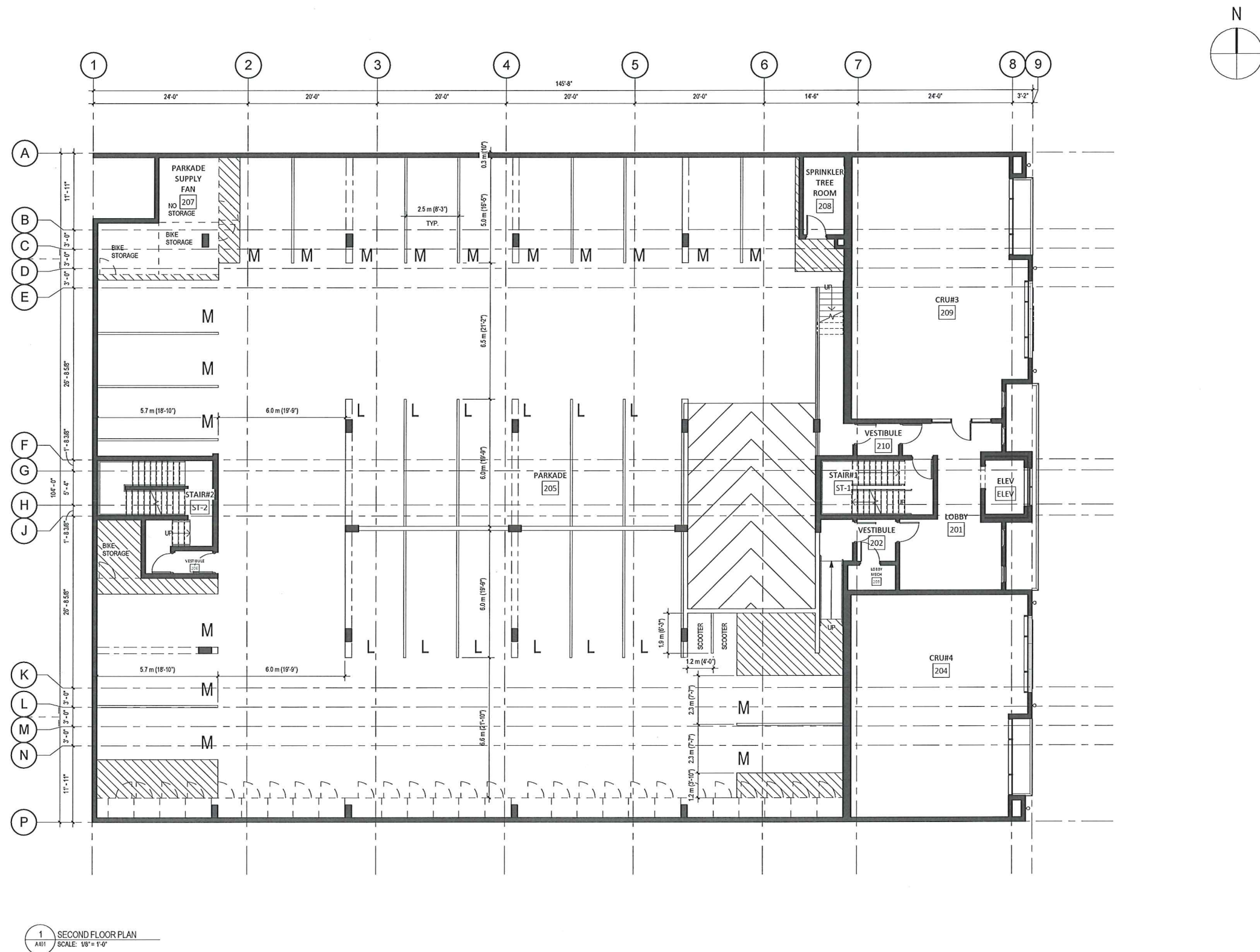
LANDSCAPE
BENCH SITE DESIGN

105-1289 ELLIS STREET
KELOWNA, BRITISH COLUMBIA V1Y 9X6
P. 250-860-6778

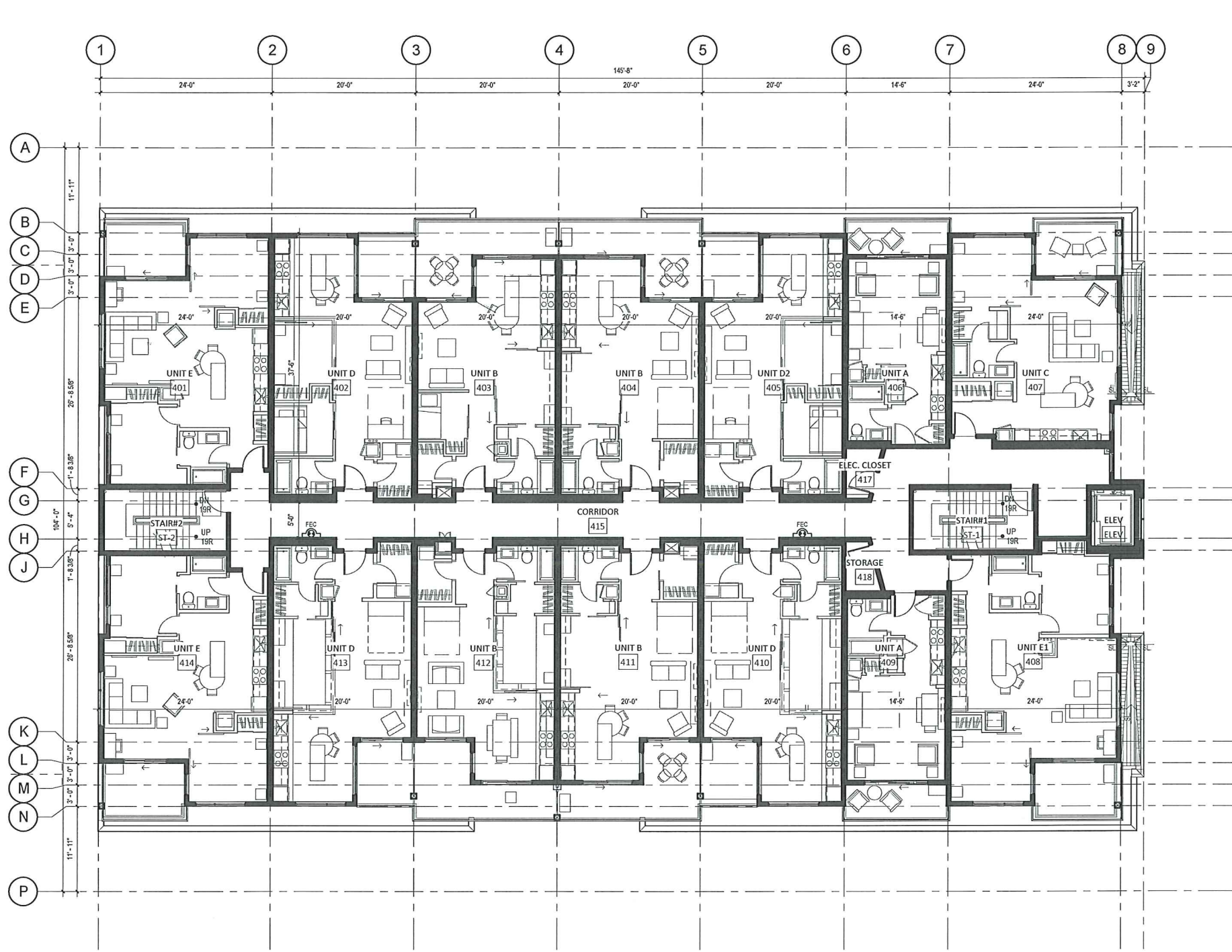
LANDSCAPE DRAWING LIST

- L-1.1 LANDSCAPE PLAN LEVEL 1
- L-1.2 LANDSCAPE PLAN LEVEL 3
- L-1.3 LANDSCAPE PLAN LEVEL 6

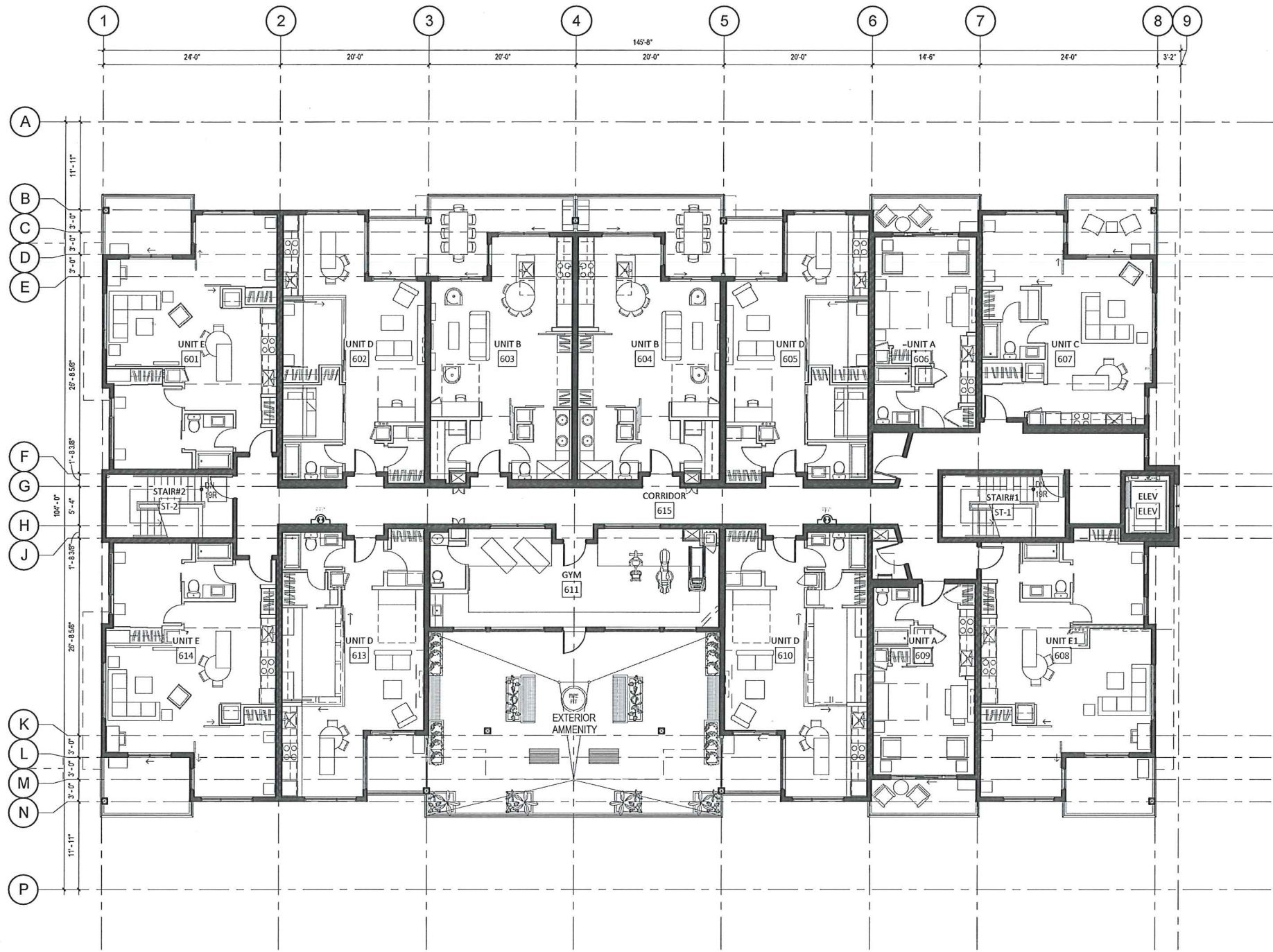




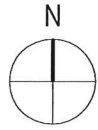
C:\Users\jdoon\Documents\15965\15965-1350STPAUL\15965-1350STPAUL.dwg



1
A401
FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 SIXTH FLOOR PLAN
A501 SCALE: 1/8" = 1'-0"



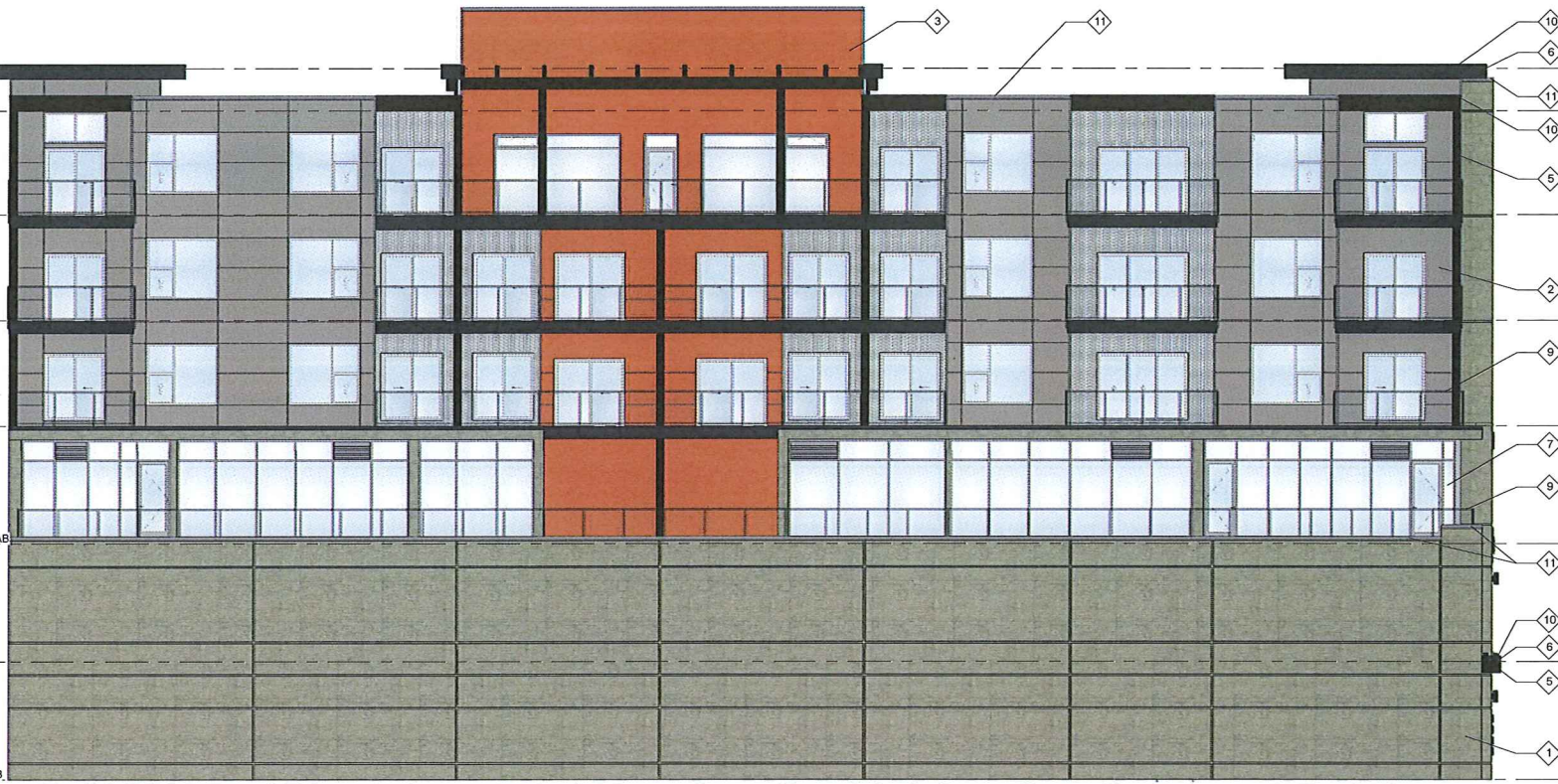


1 EAST ELEVATION
SCALE: 1: 100

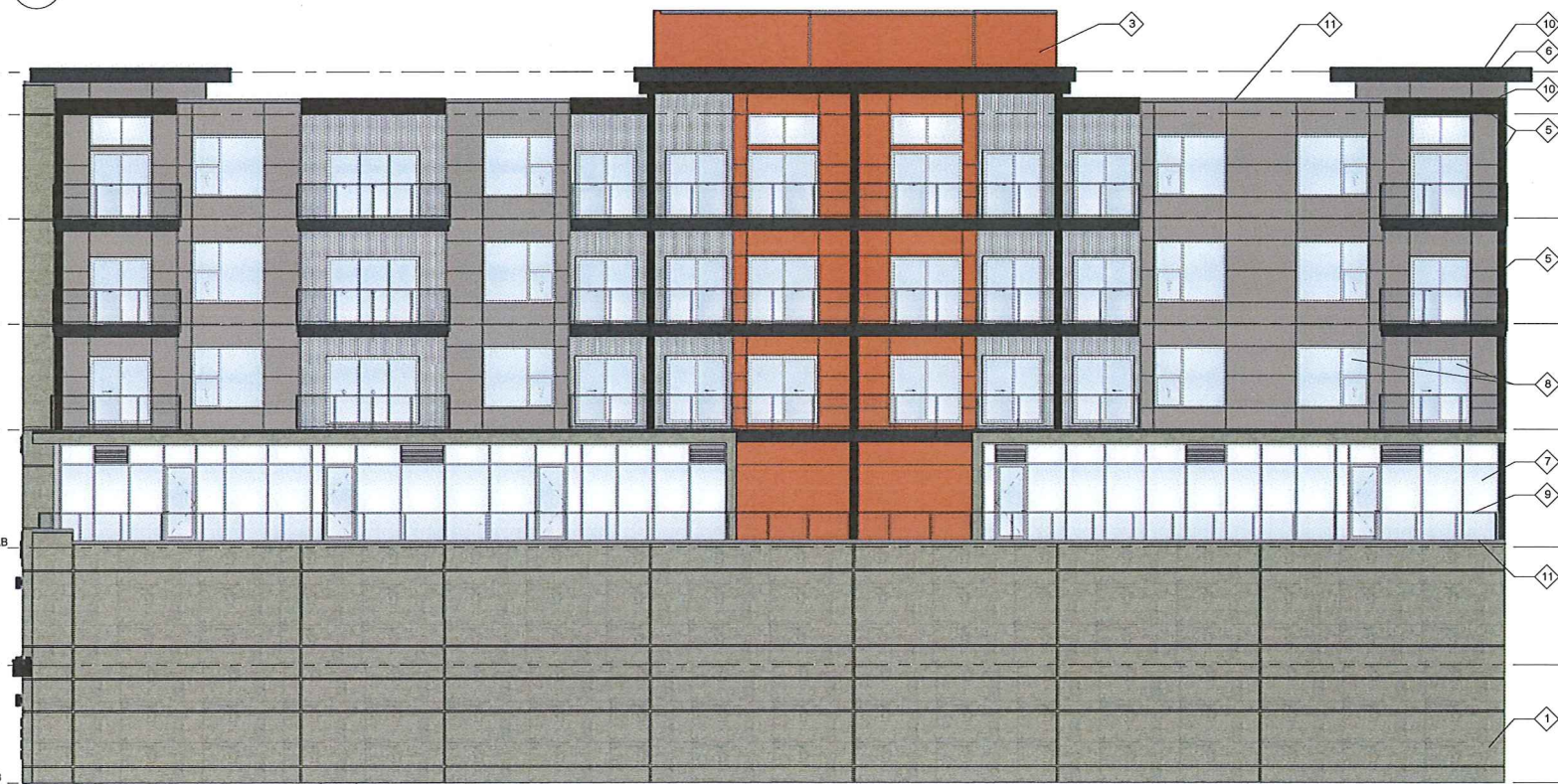


3 WEST ELEVATION
SCALE: 1: 100

T/O ROOF BROW SHEATHING
 70'-0"
 T/O ROOF JOISTS
 65'-10"
 T/O SIXTH FLOOR TOPPING
 55'-7 1/4"
 T/O FIFTH FLOOR TOPPING
 45'-2 3/8"
 T/O FOURTH FLOOR SLAB
 34'-9 1/2"
 T/O THIRD FLOOR SLAB
 23'-2 5/16"
 T/O SECOND FLOOR SLAB
 11'-7 5/32"
 T/O MAIN FLOOR SLAB
 0"



2 SOUTH ELEVATION
SCALE: 1: 100



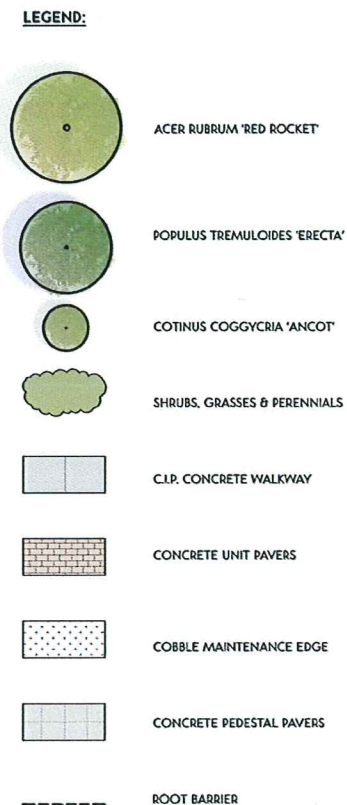
4 NORTH ELEVATION
SCALE: 1: 100

EXTERIOR FINISH LEGEND

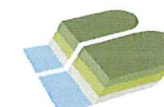
- | | | | | | | | |
|---|---|---|---|----|--|----|--|
| 1 | ARCHITECTURAL CONCRETE, CONE SNAP TIE FORMING
PROFILE: SMOOTH HORIZONTAL FORMS CW 2" REVEALS
COLOUR: NATURAL CONCRETE (NO TINT OR SEALER) | 5 | STAINED & SEALED HEAVY TIMBER FRAMING
FINISH: SATIN SHEEN ON PLANED & SANDED SURFACE
COLOUR: DARK WALNUT TRANSLUCENT STAIN ON FIR | 9 | EXTERIOR GLASS RAILING
FRAMING: ALUMINUM
COLOUR: CHARCOAL - TO MATCH <5> | 13 | PRESSED STEEL DOORS
PROFILE: SMOOTH
COLOUR: GALVALUME - TO MATCH <4>, <12> |
| 2 | TAUPE PTD. FIBER CEMENT VERTICAL SIDING
PROFILE: SMOOTH FINISH CW H-CHANNEL JOINT
COLOUR: BENJAMIN MOORE 'METROPOLIS' CC-546 | 6 | CHARCOAL HARDIE TRIM FASCIAS & BELLY BANDS
FINISH: SMOOTH
COLOUR: CHARCOAL | 10 | DARK GREY PREFINISHED METAL FLASHING & COLUMN'S
FINISH: SEMI-GLOSS
COLOUR: CHARCOAL - TO MATCH <5> | 14 | PREFINISHED SPANDREL PANEL IN ALUMINUM ASSEMBLY
FINISH: SMOOTH
COLOUR: CHARCOAL - TO MATCH <5> |
| 3 | ORANGE PTD. FIBER CEMENT VERTICAL SIDING
PROFILE: SMOOTH FINISH CW H-CHANNEL JOINT
COLOUR: BENJAMIN MOORE 'NAVAJO RED' 2171-10 | 7 | EXTERIOR CLEAR CURTAIN WALL GLAZING
FRAMING: ALUMINUM
COLOUR: GALVALUME | 11 | LIGHT GREY PREFINISHED METAL FLASHING
FINISH: SEMI-GLOSS
COLOUR: GALVALUME - TO MATCH <4> | 15 | 2 PLY SBS ROOF MEMBRANE
FINISH: SMOOTH
COLOUR: BLACK |
| 4 | GALVANIZED CORRUGATED METAL PANEL SIDING
PROFILE: 7/8" SINE WAVE CORRUGATED
COLOUR: GALVANIZED STEEL | 8 | EXTERIOR CLEAR GLAZING
FRAMING: VINYL
COLOUR: WHITE | 12 | OVERHEAD DOORS
PROFILE: SMOOTH
COLOUR: GALVANIZED STEEL | | |

EXTERIOR ELEVATIONS

SOLE 2 - 1350 ST. PAUL STREET, KELOWNA, BC



REVIEWS / ISSUED:

B E N C
SITE DESIGN

CLIENT

**SOLE DOWNTOWN
DEVELOPMENTS LTD.**
KELOWNA, B.C.

PROJECT:

SOLE 2
1350 ST. PAUL STREET
KELOWNA, B.C.

SHEET TITLE

LANDSCAPE PLAN
LEVEL 1

DESIGN BY	XS
DRAWN BY	SD
CHECKED BY	XS
PROJECT NO.	16-001
SCALE	1:100

SHEET NO.

L-1.1

TREES			
Botanical Name	Common Name	Size	Root
<i>Acer rubrum</i> 'Red Rocket'	Red rocket maple	6 cm. Cal.	B&B
<i>Populus tremuloides</i> 'Erecta'	Columnar Swedish aspen	6 cm. Cal.	B&B
SHRUBS			
Botanical Name	Common Name	Size/Spacing	Root
<i>Arctostaphylos uva-ursi</i>	Kinnikinnick	#01 Cont./0.6m O.C.	Potted
<i>Cotinus coggygria</i> 'Ancot'	Golden spirit smoketree	#05 Cont./ N/A	Potted
PERENNIALS & Grasses			
Botanical Name	Common Name	Size/Spacing	Root
<i>Alchemilla mollis</i>	Lady's mantle	#01 Cont./0.6m O.C.	Potted
<i>Calamagrostis brachytricha</i>	Korean feather reed grass	#01 Cont./0.60m O.C.	Potted
Echinacea 'White Swan'	White swan conellower	#01 Cont./0.60m O.C.	Potted
<i>Festuca idahoensis</i> 'Joseph'	Joseph Idaho fescue	#01 Cont./0.3m O.C.	Potted
<i>Helleborus orientalis</i>	Lenten rose	#01 Cont./0.45m O.C.	Potted
<i>Sesleria autumnalis</i>	Autumn moor grass	#01 Cont./0.3m O.C.	Potted

A PLANT MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MINIMUM STANDARDS ESTABLISHED IN THE LATEST EDITION OF THE B.C. LANDSCAPE STANDARDS, PUBLISHED BY B.C.N.T.A. AND B.C.S.L.A. AS WELL AS THE CITY OF KELOWNA LANDSCAPE STANDARDS IN BYLAW 7900.

B THE LANDSCAPE DESIGN DESIGNATED HEREIN IS CONCEPTUAL BUT REFLECTS THE MINIMUM CITY OF KELOWNA FORM A CITY DESIGN REQUIREMENT.

C PLANT MATERIAL SELECTIONS ARE CONCEPTUAL ONLY. FINAL PLANTING SELECTIONS MAY VARY DEPENDING UPON AVAILABILITY AT THE TIME OF CONSTRUCTION.

D TREES SHALL BE INSTALLED IN DEFINED SOIL PITS OR PLANTING BED AREAS. ADEQUATE SOIL VOLUME SHALL BE PROVIDED BASED ON THE SPECIFIED TREE SPECIES AND LOCATION.

E ORNAMENTAL SHRUB, GRASS AND PERENNIAL CLUSTERS ARE TO BE PLACED WITHIN DEFINED PLANTING BEDS. ALL PLANTING BEDS SHALL HAVE A MIN. OF 450mm (18") IMPORTED GROWING MEDIUM AND 75mm (3") OF COMPOSTED MULCH OR APPROVED EQUAL.

F A HIGH EFFICIENCY IRRIGATION SYSTEM SHALL BE INSTALLED FOR ALL ORNAMENTAL LANDSCAPE AREAS AND SHALL CONFORM TO THE CITY OF KELOWNA'S IRRIGATION STANDARDS IN BYLAW 7900.



TREES			
Botanical Name	Common Name	Size	Root
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<i>Calamagrostis brachytricha</i>	Korean feather reed grass	#01 Cont./0.60m O.C.	Potted
Echinacea 'White Swan'	White swan coneflower	#01 Cont./0.60m O.C.	Potted
<i>Festuca idahoensis</i> 'Joseph'	Joseph Idaho fescue	#01 Cont./0.3m O.C.	Potted
<i>Helleborus orientalis</i>	Lenten rose	#01 Cont./0.45m O.C.	Potted
<i>Sesleria autumnalis</i>	Autumn moor grass	#01 Cont./0.3m O.C.	Potted

A PLANT MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MINIMUM STANDARDS ESTABLISHED IN THE LATEST EDITION OF THE B.C. LANDSCAPE STANDARDS, PUBLISHED BY B.C.N.T.A. AND B.C.S.L.A. AS WELL AS THE CITY OF KELOWNA LANDSCAPE STANDARDS IN BYLAW 7900.

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F A HIGH EFFICIENCY IRRIGATION SYSTEM SHALL BE INSTALLED FOR ALL ORNAMENTAL LANDSCAPE AREAS AND SHALL CONFORM TO THE CITY OF KELOWNA'S IRRIGATION STANDARDS IN BYLAW 7900.

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CLIENT:

**SOLE DOWNTOWN
DEVELOPMENTS LTD.**
KELOWNA, B.C.

PROJECT:

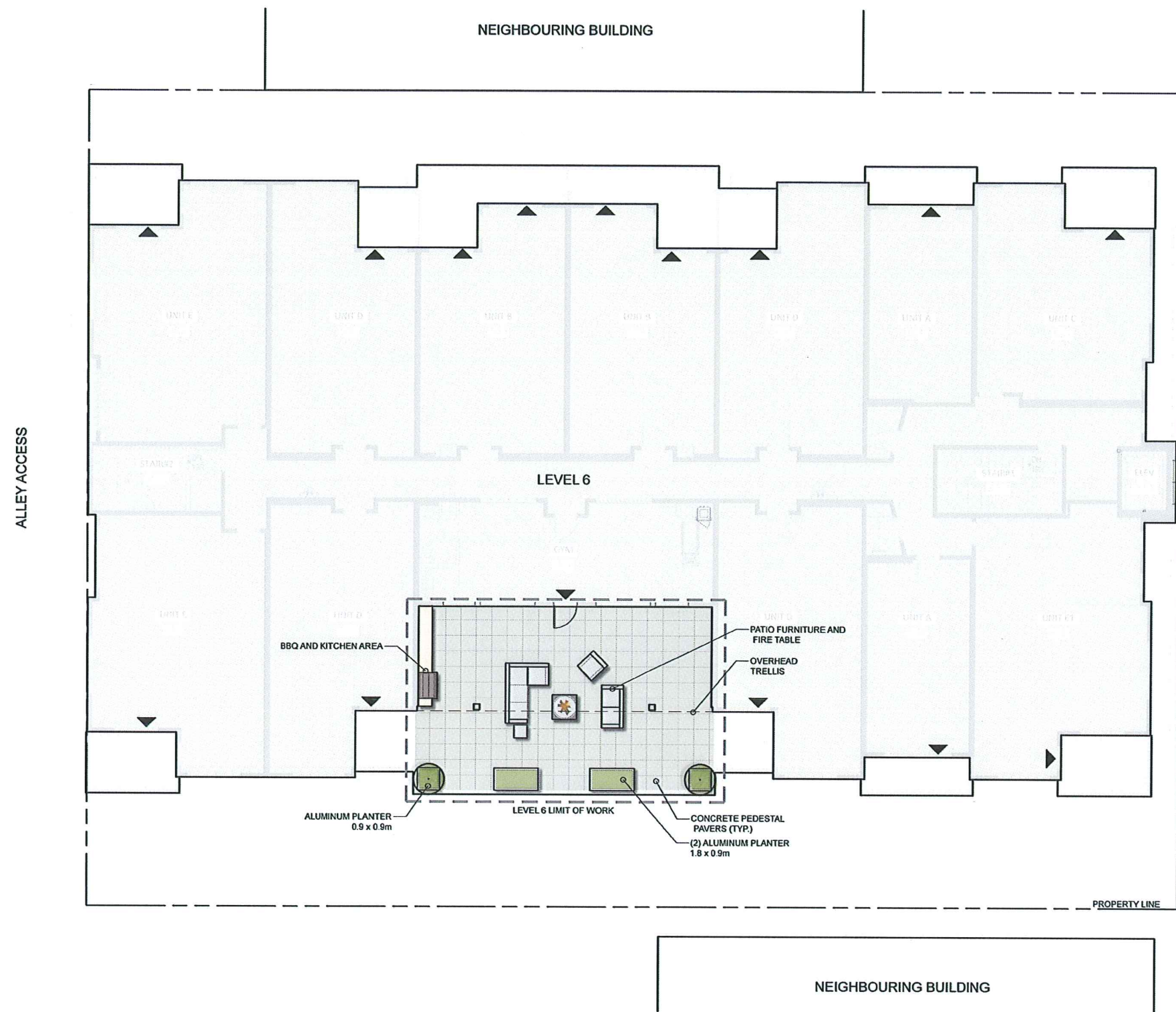
SOLE 2
1350 ST. PAUL STREET
KELOWNA, B.C.

SHEET TITLE
**LANDSCAPE PLAN
LEVEL 3**

DESIGN BY	XS
DRAWN BY	SD
CHECKED BY	XS
PROJECT NO.	16-001
SCALE	1:100

SHEET NO.

L-1.2



TREES			
Botanical Name	Common Name	Size	Root
<i>Acer rubrum</i> 'Red Rocket'	Red rocket maple	6 cm. Cal.	B&B
<i>Populus tremuloides</i> 'Erecta'	Columnar Swedish aspen	6 cm. Cal.	B&B
SHRUBS			
Botanical Name	Common Name	Size/Spacing	Root
<i>Arctostaphylos uva-ursi</i>	Kinnikinnick	#01 Cont./0.6m O.C.	Potted
<i>Cotinus coggygria</i> 'Ancot'	Golden spirit smoketree	#05 Cont./ N/A	Potted
PERENNIALS & Grasses			
Botanical Name	Common Name	Size/Spacing	Root
<i>Alchemilla mollis</i>	Lady's mantle	#01 Cont./0.6m O.C.	Potted
<i>Calamagrostis brachytricha</i>	Korean feather reed grass	#01 Cont./0.60m O.C.	Potted
<i>Echinacea</i> 'White Swan'	White swan coneflower	#01 Cont./0.60m O.C.	Potted
<i>Festuca idahoensis</i> 'Joseph'	Joseph Idaho fescue	#01 Cont./0.3m O.C.	Potted
<i>Helleborus orientalis</i>	Lenten rose	#01 Cont./0.45m O.C.	Potted
<i>Sesleria autumnalis</i>	Autumn moor grass	#01 Cont./0.3m O.C.	Potted

A PLANT MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MINIMUM STANDARDS ESTABLISHED IN THE LATEST EDITION OF THE B.C. LANDSCAPE STANDARDS, PUBLISHED BY B.C.N.T.A. AND B.C.S.L.A. AS WELL AS THE CITY OF KELLOWNA LANDSCAPE STANDARDS IN BYLAW 7900.










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E ORNAMENTAL SHRUB, GRASS AND PERENNIAL CLUSTERS ARE TO BE PLACED WITHIN DEFINED PLANTING BEDS. ALL PLANTING BEDS SHALL HAVE A MIN. OF 450mm (18") IMPORTED GROWING MEDIUM AND 75mm (3") OF COMPOSTED MULCH OR APPROVED EQUAL.

F A HIGH EFFICIENCY IRRIGATION SYSTEM SHALL BE INSTALLED FOR ALL ORNAMENTAL LANDSCAPE AREAS AND SHALL CONFORM TO THE CITY OF KELLOWNA'S IRRIGATION STANDARDS IN BYLAW 7900.

- LEGEND:**
- | | |
|---|------------------------------|
|  | ACER RUBRUM 'RED ROCKET' |
|  | POPULUS TREMULOIDES 'ERECTA' |
|  | COTINUS COGGYGRIA 'ANCOT' |
|  | SHRUBS, GRASSES & PERENNIALS |
|  | C.L.P. CONCRETE WALKWAY |
|  | CONCRETE UNIT PAVERS |
|  | COBBLE MAINTENANCE EDGE |
|  | CONCRETE PEDESTAL PAVERS |
|  | ROOT BARRIER |

[illegible]

[105-1289 Ellis street, Kelowna bc V7Y 9X6]
[1 250 860 6778]

**SOLE DOWNTOWN
DEVELOPMENTS LTD.**
KELOWNA, B.C.

SOLE 2
1350 ST. PAUL STREET
KELOWNA, B.C.

LANDSCAPE PLAN LEVEL 6

DESIGN BY	XS
DRAWN BY	SD
CHECKED BY	XS
PROJECT NO.	16-001
SCALE	1:100

L-1.3