

LEGEND

- SYMBOL**
- MEADOW: EAGLE LAKE NATURES TURF MATS
 - SOD: MANDERLEY LESS WATER SOD ON 150mm DEPTH TOPSOIL
 - MULCH: SHREDDED BARK MULCH
 - WOOD DECKING: YELLOW BALAU
 - PERMEABLE PAVERS
 - PRECAST PAVER SLABS
 - CONCRETE TO MATCH EXISTING TRAIN STATION CROSSINGS/ PLAZA
 - TYPICAL BENCH
 - TIVOLI CATENARY LIGHTS

SITE ELEMENTS

- N-01 ENTRY PLAZA W/ BISTRO TABLES
- N-02 ART WALL
- N-03 WOOD PATIO DECK ON SLEEPERS TO MINIMIZE ROOT DISTURBANCE
- N-04 EXISTING GINKGO TREE TO BE PROTECTED
- N-05 MEADOW W/ CONCRETE PAVER SLAB STEPPING STONES
- N-06 LIGHT SCREEN FENCE W/ GRASS HEDGE
- N-07 BOULEVARD PLANTING AREA
- N-08 FLUSH CONCRETE CURB
- N-09 TYPICAL DECORATIVE BOLLARDS TO DEFINE ROAD EDGE
- N-10 DECORATIVE PEDESTRIAN LIGHT FIXTURE W/ HANGING BASKETS + SPEAKERS
- N-11 ENLARGED CONCRETE CROSSING TO CONTINUE PLAZA WIDTH ACROSS ENTRY
- N-12 FLUSH CONCRETE CROSSINGS TO MATCH EXISTING TRAIN STATION FINISH



PLANT LIST

Deciduous Trees	Common Name	Planting Size	Qty
Symbol	Scientific Name	Swedish Columnar Aspen 75mm CAL. B&B, Min. 900mm WD X 600mm Depth Root Ball.	11
Pte	Populus tremuloides 'Erecta'		
Grasses	Common Name	Planting Size	Qty
Symbol	Scientific Name	Karl Foerster Feather Reed Grass 15cm, #2 pot	84
Kf	Calamagrotis acutifolia 'Karl Foerster'		

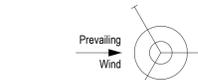
Note:

In case of discrepancy between planting plan and plant list quantities shown on plant list shall take precedence.

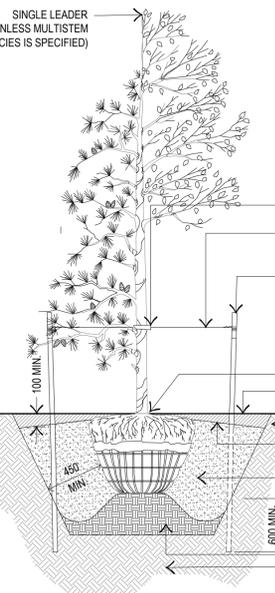
GENERAL NOTES

- ALL LANDSCAPE CONSTRUCTION, INCLUDING ALL HARD AND SOFT LANDSCAPING, TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT CITY OF KELOWNA SPECIFICATIONS OR AS NOTED ON THE DRAWINGS
- ALL TREES AND SHRUBS TO BE RETAINED SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION
- ALL PLANT MATERIAL SHALL MEET THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION AND BE TRUE TO TYPE AND SPECIES ALL PLANT MATERIAL SHALL BE LOCALLY GROWN ALBERTA NURSERY STOCK
- ALL PLANT MATERIAL TO BE LOCATED WITHIN MULCHED PLANTING BEDS OR INDIVIDUAL MULCHED TREE WELLS
- ALL PLANTING BEDS TO HAVE A MIN. 75mm DEPTH BARK MULCH
- ALL LANDSCAPE AREAS TO BE EQUIPPED WITH AN AUTOMATIC LOW-WATER HIGH EFFICIENCY IRRIGATION SYSTEM.

TREE STAKING PLAN



CONIFEROUS
Less than 3.0m height
40mm-100mm Caliper
Spade Hole Preparation for Basket or Ball & Burlap Trees



NOTES:

- ALL WORK COMPONENTS AND WORKMANSHIP TO CONFORM TO SPECIFICATION SECTION 02930 TREES, SHRUBS AND GROUNDCOVERS AS WELL AS THE RELATED SECTIONS.
- DO NOT ALLOW AIR POCKETS TO FORM WHEN BACK FILLING.
- STAKE BEYOND EDGE OF ROOT BALL. IF MINIMUM SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS OR IF IN THE BOULEVARD THE STAKES SHOULD BE IN LINE WITH THE DIRECTION OF TRAFFIC.
- ALL TREE STAKES TO MAINTAIN MIN. 1.0m CLEARANCE FROM ALL UG POWER, TELEPHONE AND GAS ALIGNMENTS.
- TREE SHOULD BE PLANTED 75mm-100mm BELOW GROUND LEVEL.
- T-BARS SHOULD BE HAMMERED DOWN INTO SOLID FOOTING (AT LEAST 400mm INTO SUB-SOIL BASE).
- IF TREE IS IN WIRE BASKET, CUT AND REMOVE STRAPPING AND THE HORIZONTAL VERTICAL WIRES OF THE WIRE BASKET TO A MINIMUM DEPTH OF 200mm FROM THE TOP OF THE ROOT BALL. PULL BACK BURLAP TO THIS SAME MINIMUM DEPTH.
- USE RUBBER STRAPS AT ENDS OF ALL GUY WIRES TO PROTECT THE TREE AT POINT OF CONTACT.
- PRUNE DEAD BRANCHES TO MAINTAIN NATURAL FORM OF TREE.
- DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO UG POWER, TELEPHONE AND GAS ALIGNMENTS (REFER TO SECTION 7.6.2 AND 7.6.3 WHEN CLEARANCE CANNOT BE MAINTAINED FOR ANY EXCAVATIONS).

- 12mm RUBBER STRAP POSITIONED AT APPROX 3/5 HT. - WIRE DOES NOT WRAP AROUND TREE
- 11 GAUGE GUY WIRE OR 2mm BRAIDED NYLON STRAP WITH FLUORESCENT ORANGE FLAGGING ON ALL GUY WIRES
- USE TWO VERTICAL STAKES PER TREE: TREE STAKES MIN. 2.0m LENGTH, PLAIN T-POSTS C/W 7 FURCHED HOLES OR TEETH NOTCHES
- ALL EXPOSED PORTIONS OF TREE STAKES FREE OF RUST, SCALED, PRIMED & PAINTED
- TOP 300mm OF ALL TREE STAKES TO PAINTED TO MATCH ANNUAL COLOUR CODES.
- ROOT FLARE AT GRADE
- 100mm MIN. MULCH, STARTING 50mm FROM ROOT FLARE (TRUNK) & EXTENDING THE HOLE SUBGRADE
- SLOPE TOPSOIL FROM ROOT FLARE TO EDGE OF HOLE TO FORM WELL
- CLASS 'B' TOPSOIL MIX MODERATELY PACKED - REFER TO TOPSOIL SPECIFICATIONS
- COMPACTED CLAY BELOW ROOT BALL
- UNDISTURBED NATIVE SOIL

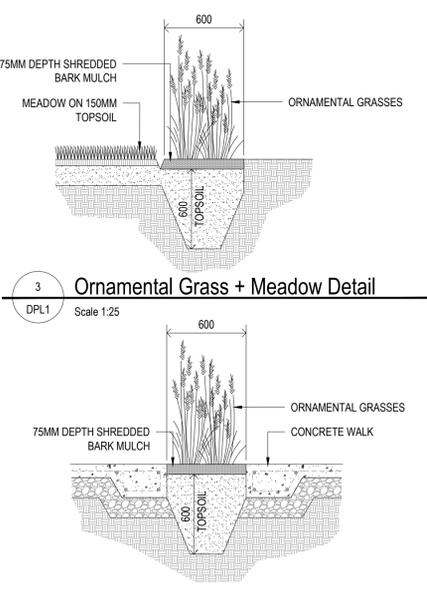
1 LANDSCAPE PLAN

DPL1 Scale 1:200



2 Design Precedents + Material Language

DPL1 Scale 1:25

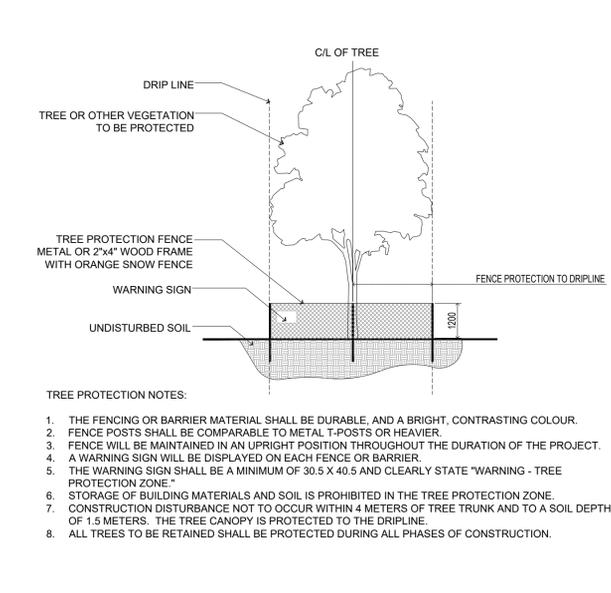


3 Ornamental Grass + Meadow Detail

DPL1 Scale 1:25

4 Ornamental Grass Planter

DPL1 Scale 1:25



TREE PROTECTION NOTES:

- THE FENCING OR BARRIER MATERIAL SHALL BE DURABLE, AND A BRIGHT, CONTRASTING COLOUR.
- FENCE POSTS SHALL BE COMPARABLE TO METAL T-POSTS OR HEAVIER.
- FENCE WILL BE MAINTAINED IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF THE PROJECT.
- A WARNING SIGN WILL BE DISPLAYED ON EACH FENCE OR BARRIER.
- THE WARNING SIGN SHALL BE A MINIMUM OF 30.5 X 40.5 AND CLEARLY STATE "WARNING - TREE PROTECTION ZONE"
- STORAGE OF BUILDING MATERIALS AND SOIL IS PROHIBITED IN THE TREE PROTECTION ZONE.
- CONSTRUCTION DISTURBANCE NOT TO OCCUR WITHIN 4 METERS OF TREE TRUNK AND TO A SOIL DEPTH OF 1.5 METERS. THE TREE CANOPY IS PROTECTED TO THE DRIPLINE.
- ALL TREES TO BE RETAINED SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

5 Tree Protection Detail

DPL1 NTS

6 Typical Tree Planting Detail

DPL1 1:25



Kasian Architecture
Interior Design
and Planning Ltd

1500 West Georgia Street, Suite 1685
Vancouver, BC Canada V6G 2Z6
T 604 683 4145 F 604 683 2827
www.kasian.com

SCHEDULE C

This forms part of application
HRA22-0001

Planner Initials **BC**

City of Kelowna
DEVELOPMENT PLANNING

REV	YYYY-MM-DD	ISSUED FOR DP	REVISION / DRAWING ISSUE	REVIEW
1	2022.10.18	ISSUED FOR DP		

CONSULTANT

PERMIT STAMP



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PROJECT

KELOWNA TRAIN STATION

KELOWNA, BC

DRAWING TITLE

LANDSCAPE PLAN

DRAWING ISSUE

ISSUED FOR DP

PROJECT NO.	PLOT DATE	2022-04-28	DRAWN	Author
230109	SCALE		REVIEWED	Checker
DRAWING NO.	DPL-1			1

[SMM]

SCHEDULE		C
This forms part of application		
# HRA22-0001		
Planner Initials	BC	 City of Kelowna <small>DEVELOPMENT PLANNING</small>

Kelowna Train Station 1175+1177 Ellis Street | Budget Cost Estimate: On Site Landscape Works

Date: September 25, 2023

Project Name: Kelowna Train Station

Prepared by: Scatliff+ Miller+ Murray inc. [SMM]

1.0 Softscape

Item	Description	Qty	Unit	Unit Cost	Total Estimated Cost
1.1	Deciduous Trees - 75mm caliper	11	ea	\$700.00	\$7,700.00
1.2	Ornamental Grasses	84	ea	\$25.00	\$2,100.00
1.3	Sod	24	m2	\$9.00	\$216.00
1.4	Meadow	52	m2	\$90.00	\$4,680.00
1.5	Wood Bark Mulch	66	m2	\$35.00	\$2,310.00
1.6	Topsoil	40	m3	\$50.00	\$2,000.00
1.7	Irrigation	1	ls	\$25000.00	\$25,000.00

Softscape Sub-total: \$44,006.00

2.0 Hardscape

Item	Description	Qty	Unit	Unit Cost	Total Estimated Cost
2.1	Wood Decking	79	m2	\$300.00	\$23,700.00
2.2	Precast Pavers	32	ea	\$150.00	\$4,800.00
2.3	Permeable Pavers	166	m2	\$235.00	\$39,010.00

Hardscape Sub-total: \$67,510.00

3.0 Site Furnishings

Item	Description	Qty	Unit	Unit Cost	Total Estimated Cost
3.1	Benches	2	ea	\$3000.00	\$6,000.00
3.2	Bike Racks	3	ea	\$1500.00	\$4,500.00
3.3	Landscape Lighting	1	ls	\$15000.00	\$15,000.00

Site Furnishings Sub-total: \$25,500.00

TOTAL ON SITE LANDSCAPE WORKS: \$137,016.00
25% of total value \$34,254.00

GRAND TOTAL ON SITE LANDSCAPE WORKS: \$171,270.00

[SMM]

SCHEDULE		C
This forms part of application		
# HRA22-0001		
Planner Initials	BC	 City of Kelowna DEVELOPMENT PLANNING

We trust you will find the above in order.

Sincerely,

SCATLIFF+MILLER+MURRAY landscape architects



Deron Miller Principal BES MLArch BCSLA AALA CSLA