















Biophilia Design Collective Ltd. 250.590.1156 Info@biophiliacollective.ca

CLIENT
H Development Group Ltd.

ADDRESS 1270 Pandora St Victoria, BC

DESIGNED BY

Bianca Bodley

DRAWN BY

EB/ KT



	ISSUED FOR	
1	DEVELOPMENT PERMIT	21/12/21
2	DEVELOPMENT PERMIT RESUBMISSION	22/04/04
3	DEVELOPMENT PERMIT RESUBMISSION	22/12/19

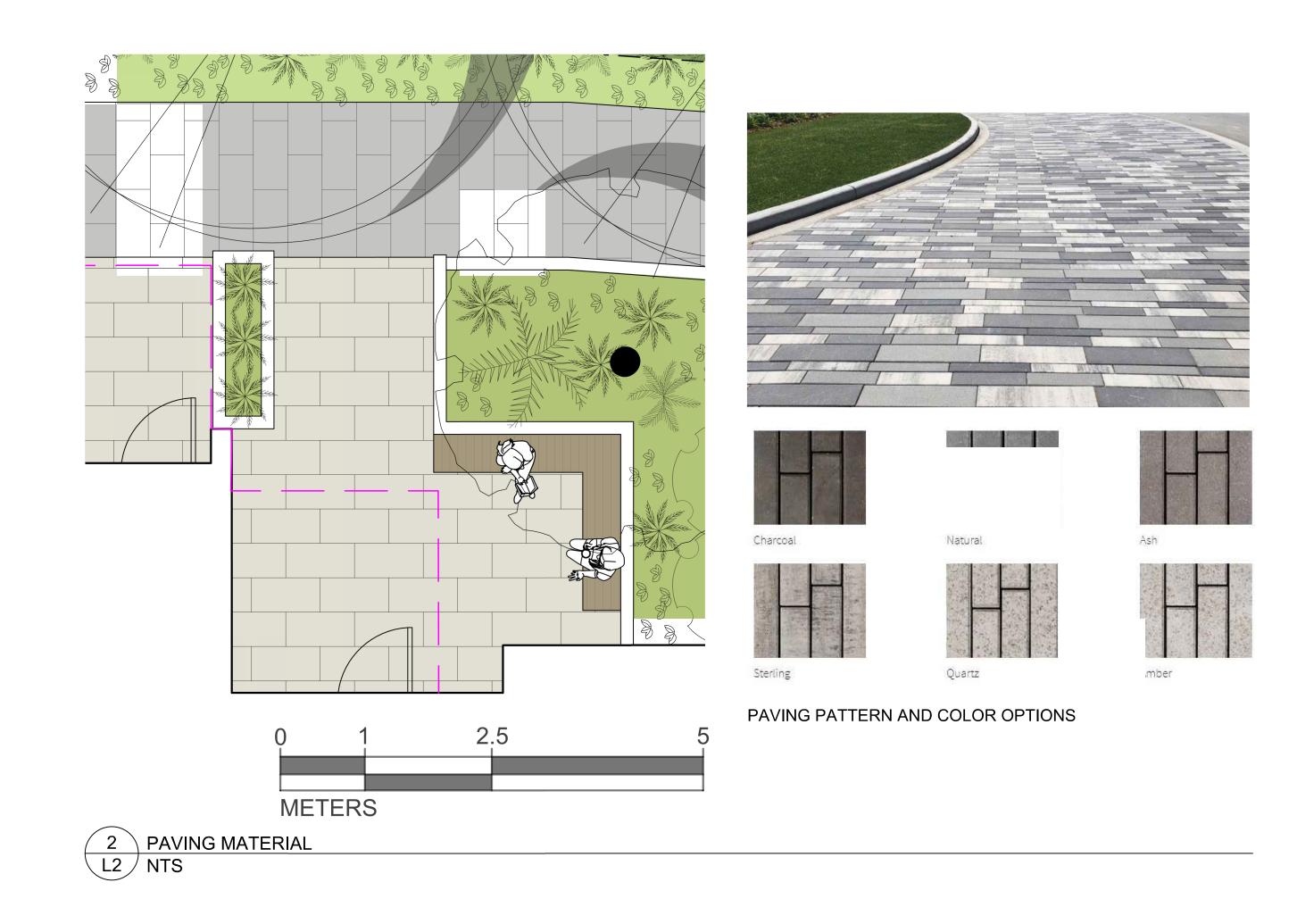
DEVELOPMENT PERMIT RESUBMISSION December 19, 2022

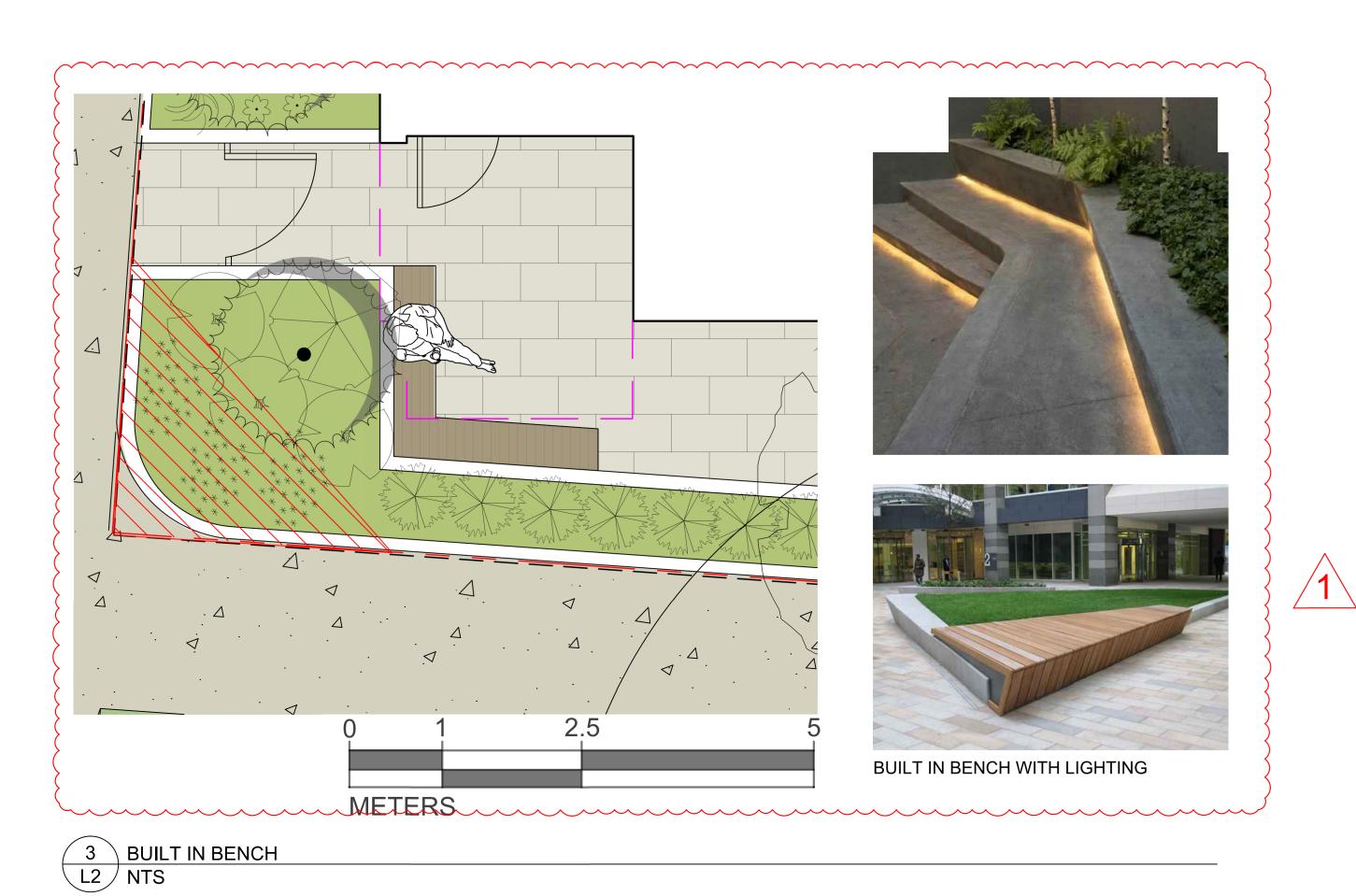
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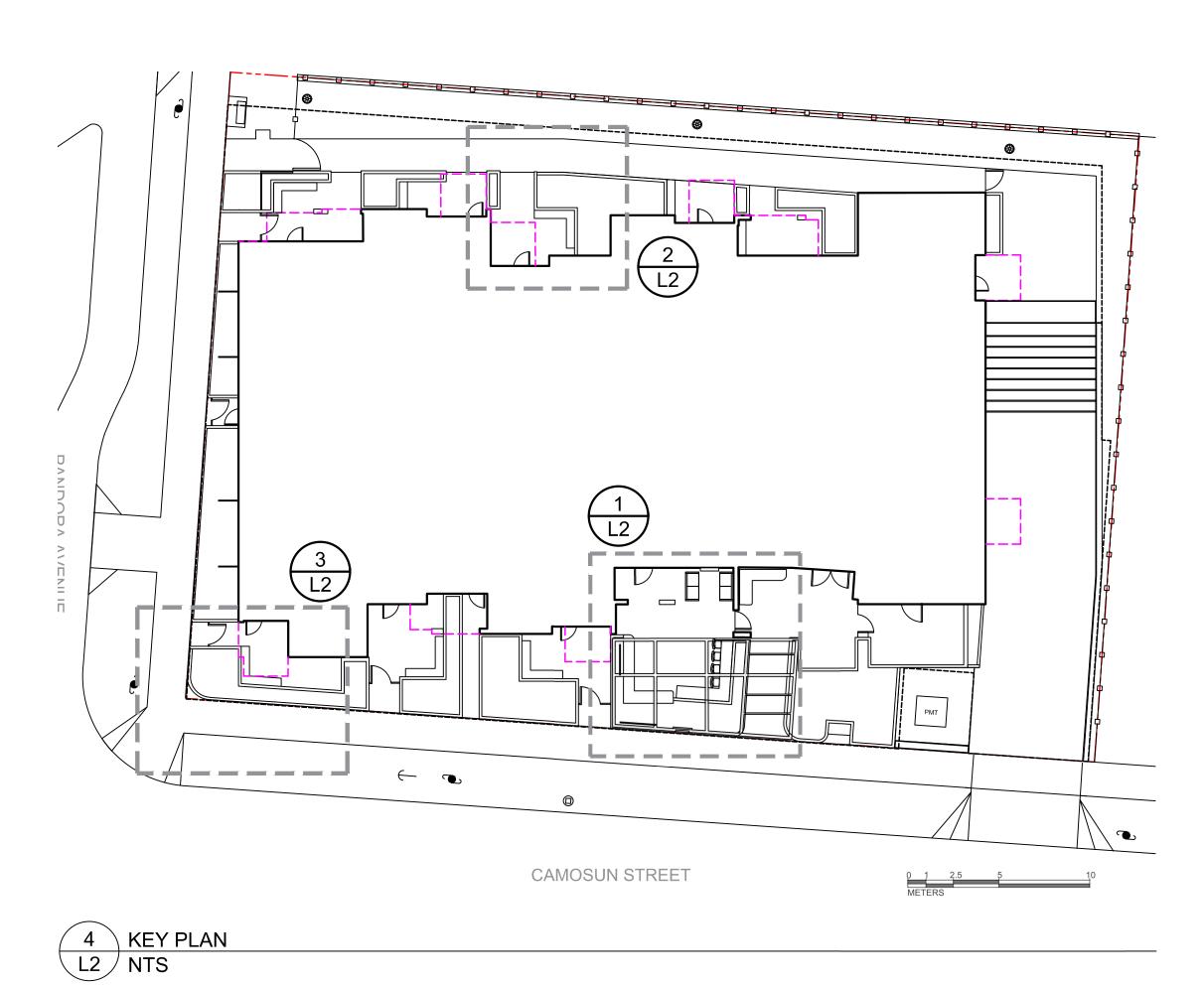


Landscape Site
Plan









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Scale: AS NOTED





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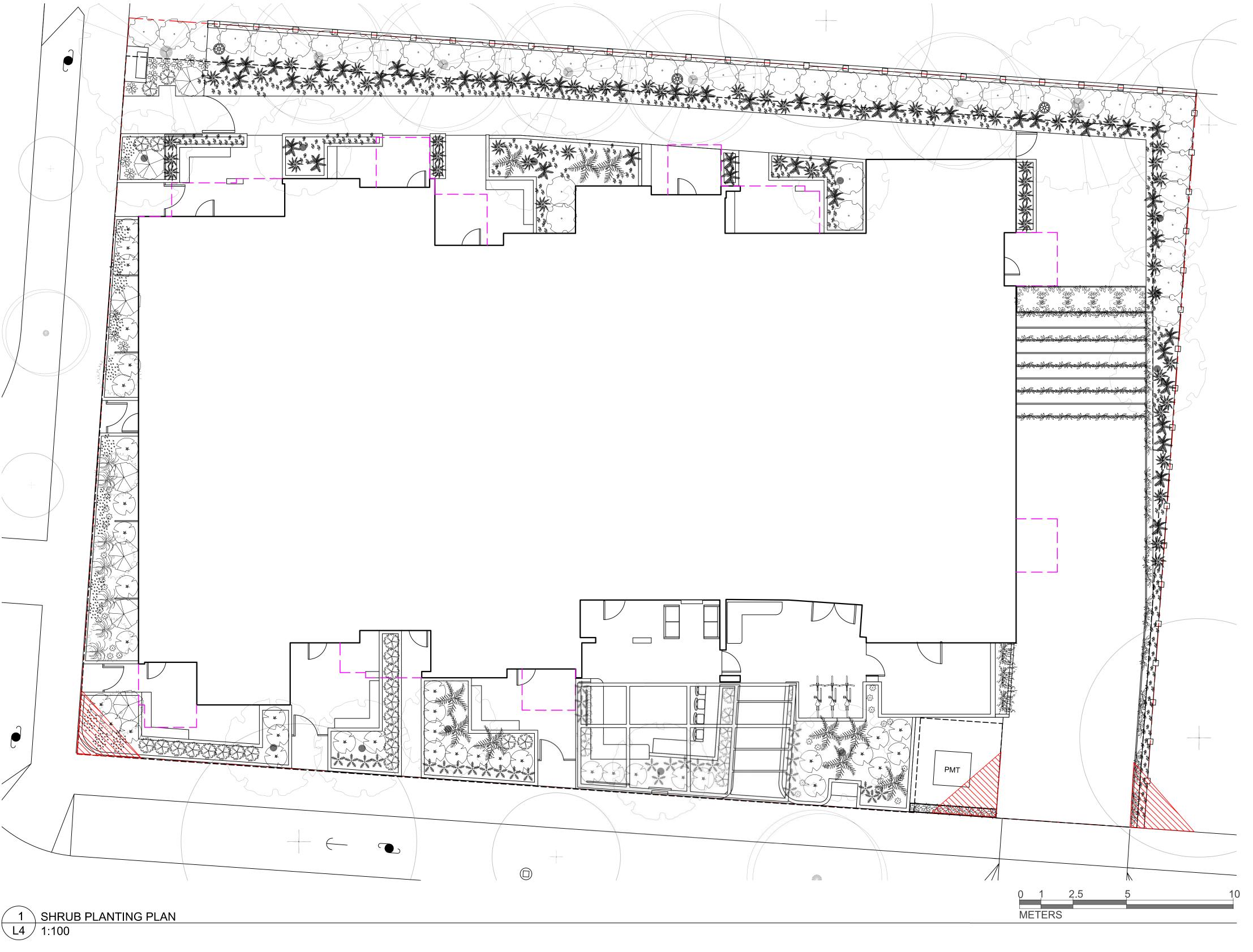
1270 Pandora St



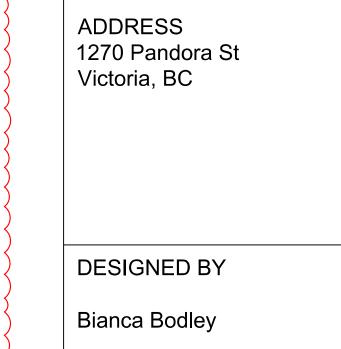
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PLANT SCHEDULE Maturity Maturity Quantity Symbol Latin Name Common Name (m) Miscanthus sinensis 30 0.6-0.9 Chinese Silver Grass 'Little Kitten' Arctostaphylos Massachusetts 100 0.3 10cm Yes uva-ursi Kinnikinnick 'Massachusetts' Mexican Orange 33 Choisya ternata 1.2-2.4 Blossom Black-eyed Susan 0.9 35 Rudbeckia hirta Cephalotaxus 15 0.6-0.9 0.9-1.2 harringtonia Plum Yew 'Prostrata' 0.15-0.3 0.3-0.6 80 0.3-0.9 0.3-0.9 60 #2 Adiantum aleuticum Maidenhair Fern Dwarf Mugo Pine 0.5-1.2 52 0.6-1.2 0.6-1.2 Polystichum munitum | Western Sword Fern Japanese Tassel Fern 16 0.6-0.9 polyblepharum 0.9 ostanthera cuneata Australian Mint Taxus x media #2 2.5-3 Hicks Yew Vaccinium ovatum | Evergreen Huckleberry Yes 1.5 0.3 Erica carnea Winter Heath 9-11 Hydrangea anomala | Creeping Hydrangea Woolly Thyme Yes 0.05-0.07 0.25-0.3 50 10cm pseudolanuginosus 1. PLANTS IN PLANT LISTS ARE SPECIFIED ACCORDING TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK AND SECTION 12, CONTAINER GROWN PLANTS FROM THE BC LANDSCAPE STANDARD, CURRENT EDITION



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Scale: 1:100



L4 SHRUB PLANTING PLAN

DATE: December, 2022

SUN PLANTING PALETTE







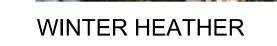




8







MEXICAN ORANGE FOUNTAIN GRASS BLOSSOM 'LITTLE KITTEN'

RUDBECKIA

AUSTRALIAN MINT BUSH

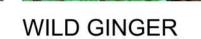
DWARF MUGO PINE



SHADE PLANTING PALETTE

MAIDENHAIR **FERN**















UPPER PATIO DESIGN INSPIRATION

PLANT	SCHEDULE	- OUTDOOR PAT	IO PLANTERS			
Quantity	Symbol	Latin Name	Common Name	Container	Height at Maturity (m)	Spread at Maturity (m)
4		Olea europaea	Olive tree	В&В	6-9	4-7
25		Lavandula angustifolia	English Lavender	10cm	70cm	90cm
35	306 306	Thymus vulgaris	Thyme	10cm	0.15-0.3m	0.15-0.3m
30	* * * * * * * *	Salvia officinalis	Common Sage	10cm	50cm	30cm



LAVENDER **THYME**

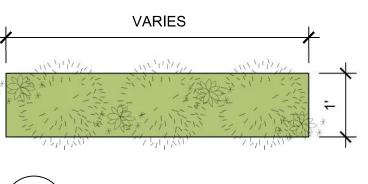
1. PLANTS IN PLANT LISTS ARE SPECIFIED ACCORDING TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK AND SECTION 12, CONTAINER GROWN PLANTS FROM THE BC LANDSCAPE STANDARD, CURRENT EDITION.

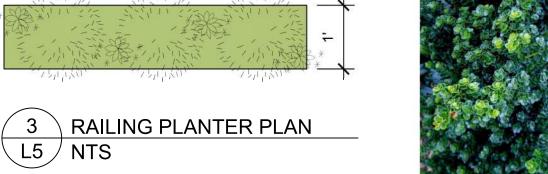
SAGE

OLIVE TREE

PLANTER ON PATIO TYP.

2 PLANTING PLAN FOR LEVEL 5





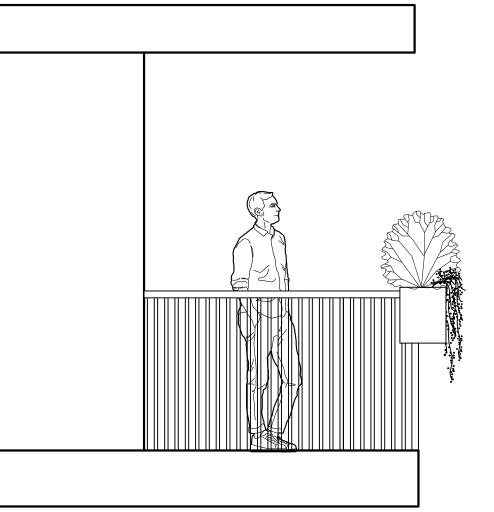


NOTES: PLANTS TO BE WATERED MANUALLY.

KINNIKINNICK

PLANT	PLANT SCHEDULE - BALCONY RAILING PLANTERS									
Quantity	Symbol	Latin Name	Common Name	Container	Height at Maturity (m)	Spread at Maturity (m)				
99		llex crenata 'Dwarf Pagoda'	Dwarf Pagoda Japanese Holly	#1	0.6	0.6				
30	****	Arctostaphylos uva-ursi	Kinnikinnick	10cm	0.2	4.5				
NOTES: 1. PLANTS	IN PLANT LISTS A	ARE SPECIFIED ACCORD	ING TO THE CANADIAN NU	RSERY LANDSCAF	E ASSOCIAT	ON CANADIA				

STANDARDS FOR NURSERY STOCK AND SECTION 12, CONTAINER GROWN PLANTS FROM THE BC LANDSCAPE STANDARD CURRENT EDITION.



4 RAILING PLANTER SECTION

L5 NTS



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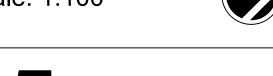
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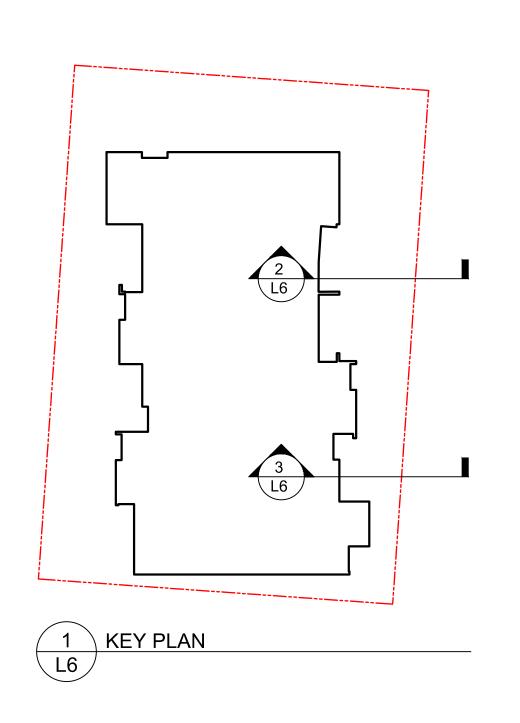
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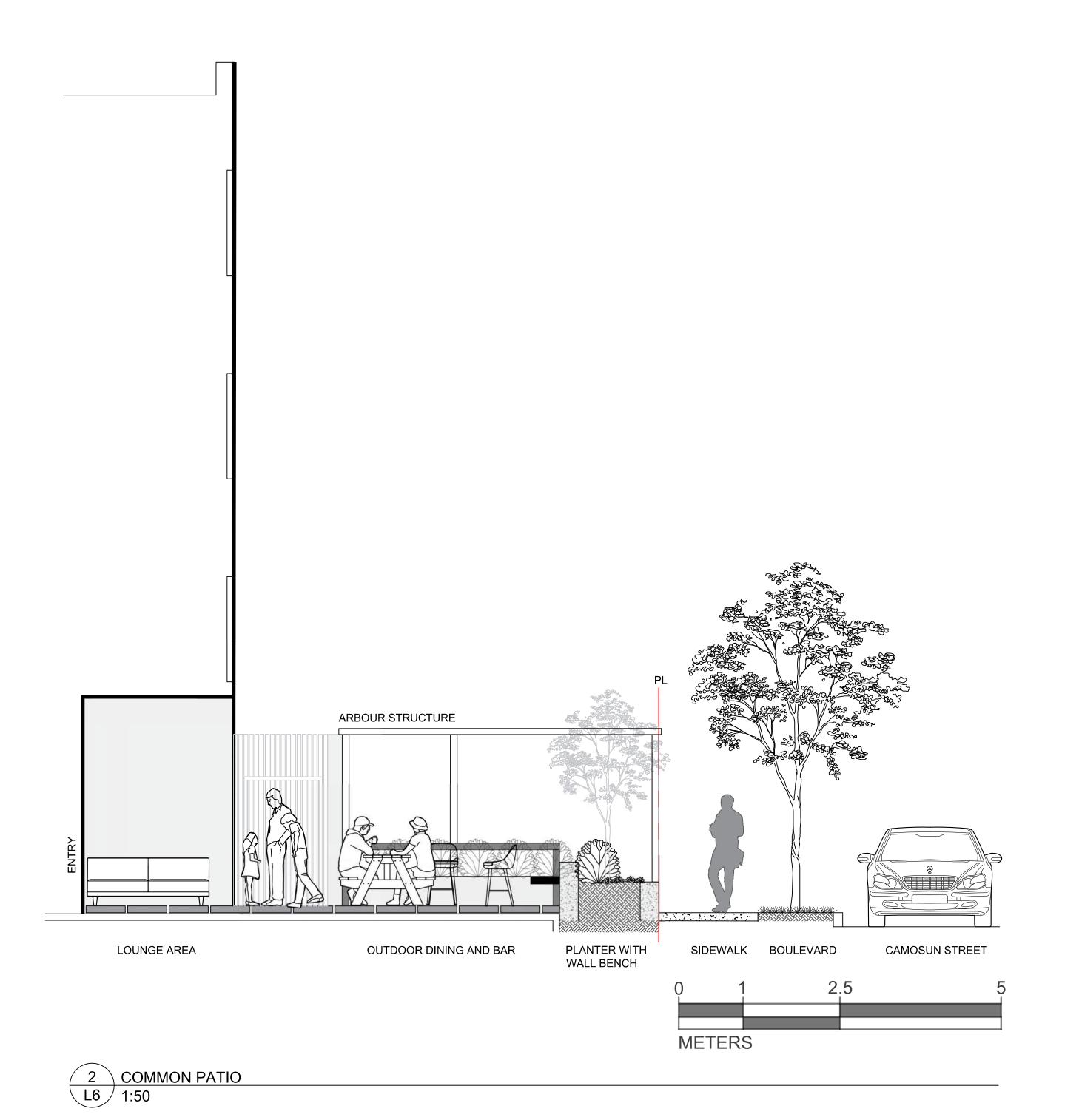
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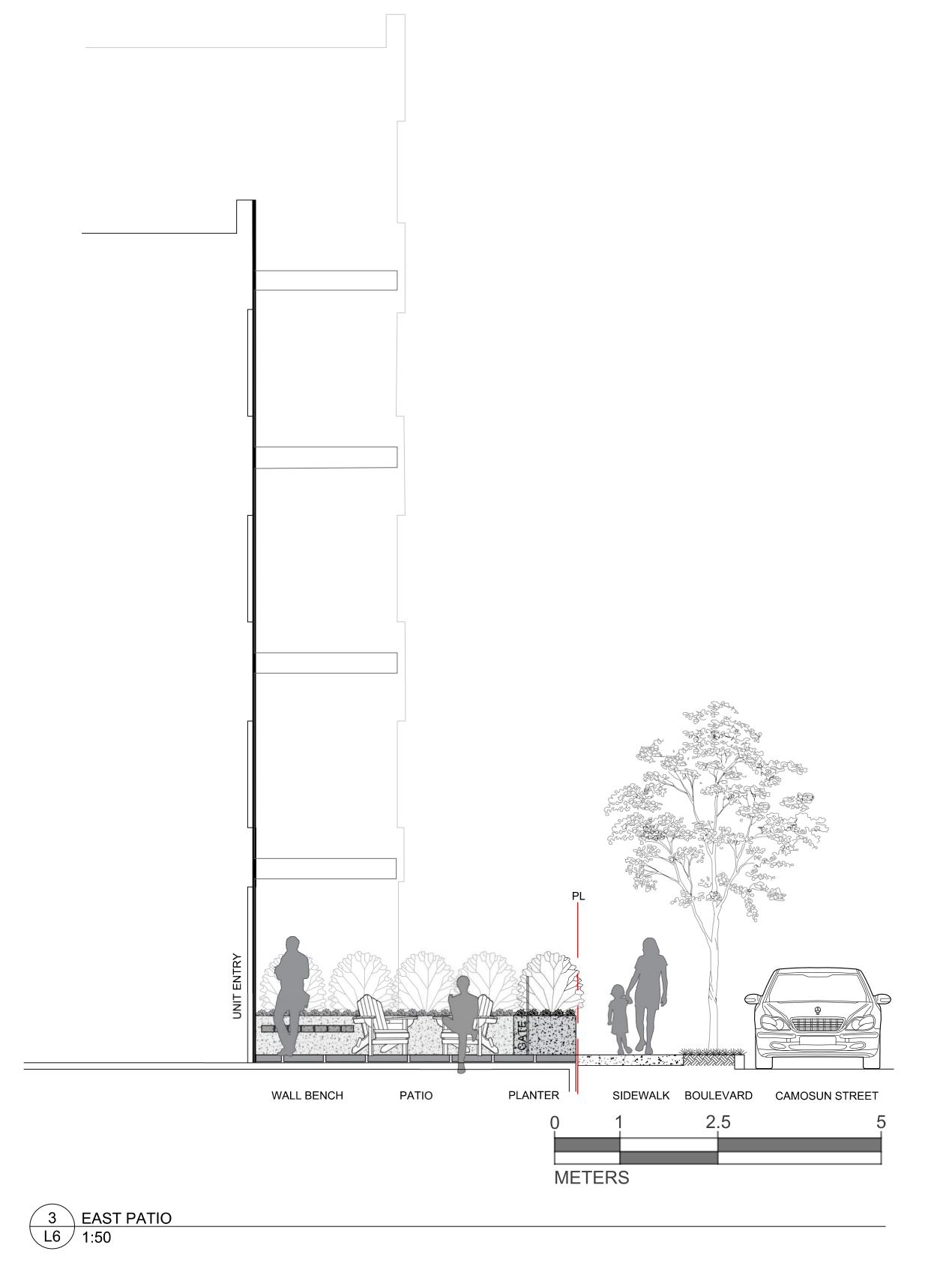


DATE: December, 2022

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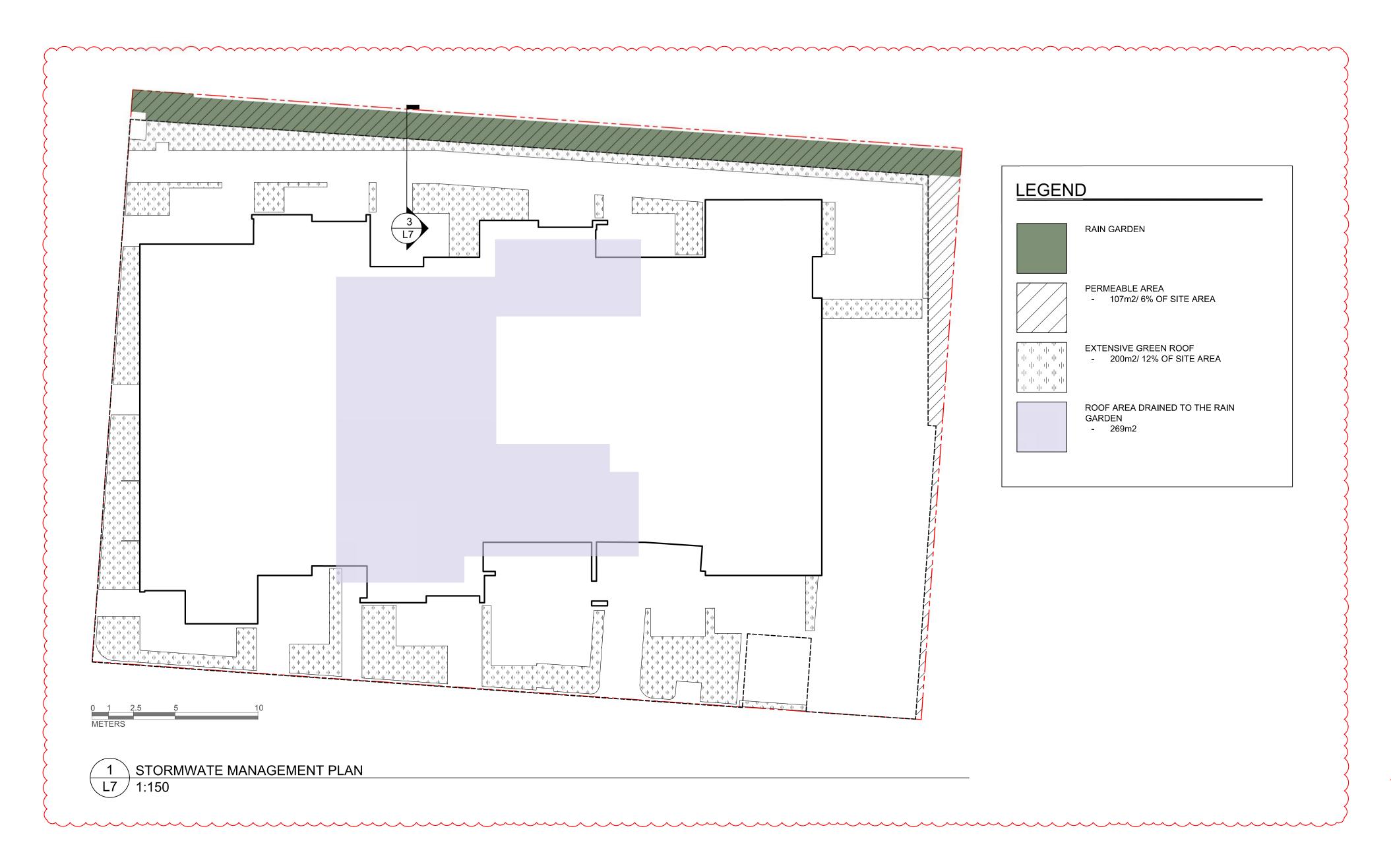
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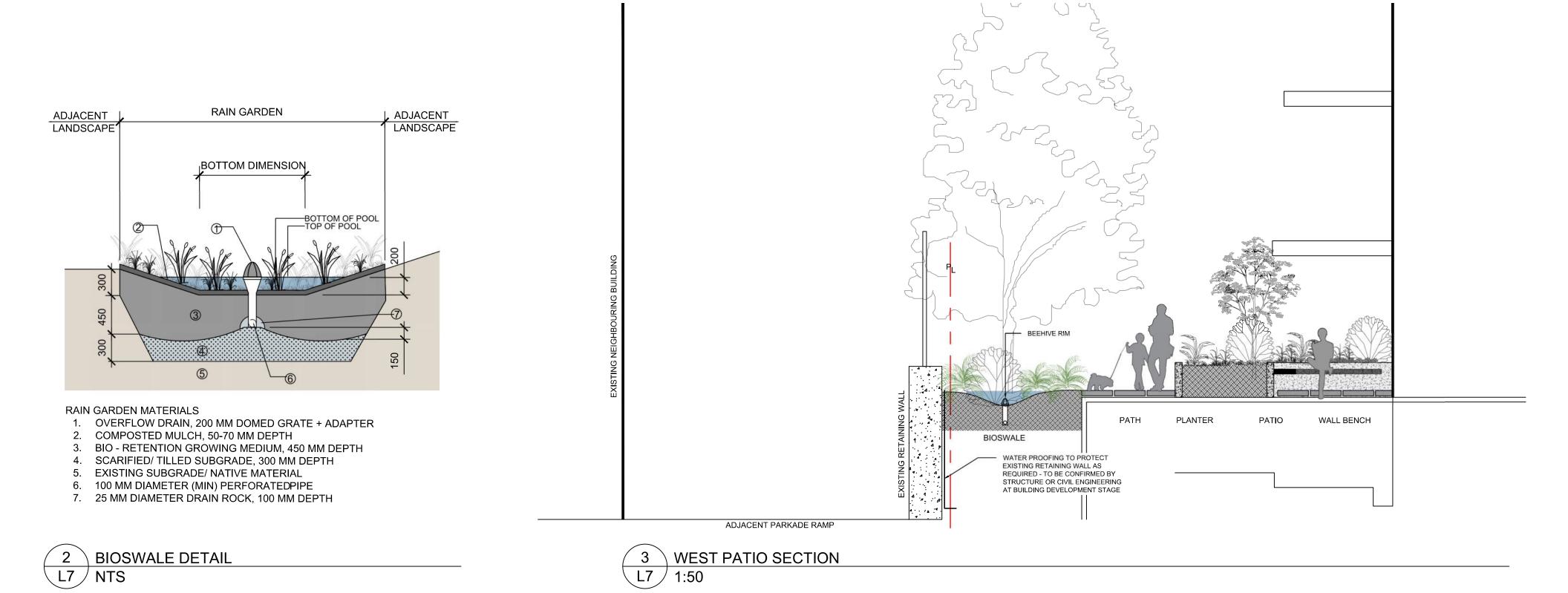
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L6 SECTIONS/ ELEVATION









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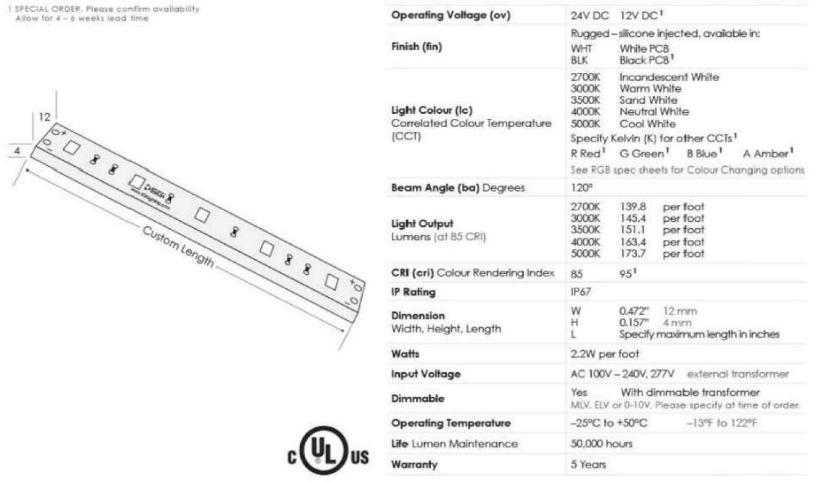
Scale: AS NOTED











Category	Family	Operating Voltage (ov)	Finish (fin)	Light Colour (Ic)	CRI (cri)
FLEX-P Professional	REG	12VDC ¹ 24VDC	WHT White BLK Black ¹	2700K IW 3000K WW 3500K SW 4000K NW 5000K CW R ¹ G ¹ B ¹ A ¹	85 95 ¹

REC1707

UCH1715

ANG2618

Cylinder 7" 1 Light Wall Light Black

SPECIFICATIONS Certifications/Qualifications Dark Sky Compliant www.kichler.com/warranty Base Backplate 5.00 X 4.75
Extension 7.00"
Weight 0.95 LBS
Height from center of Wall opening 3.50" (Spec Sheet) 7.00" 4.75" Light Source Lamp Included Not Included Lamp Type Light Source Incandescent Max or Nominal Watt # of Bulbs/LED Modules Socket Type Socket Wire Interior/Exterior Location Rating Mounting Style Mounting Weight Wall Mount 0.95 LBS

FIXTURE ATTRIBUTES Housing Primary Material ALUMINUM

GATE DOWNLIGHT

Product/Ordering Information SKU



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	-	DEVELOPMENT PERMIT DEVELOPMENT PERMIT RESUBMISSION

DEVELOPMENT PERMIT RESUBMISSION December 19, 2022

Scale: 1:100



L8 LIGHTING PLAN

DATE: December, 2022

LIGHTING LEGEND PLANTER DOWNLIGHT GATE DOWNLIGHT

⊕ OS-41 ⊕ OS-42 ⊕ OS-45 **TR-43** TR-44 extent of u/g parkade Project Arborist shall supervise excavation and vertical shoring for underground _parking along the north and west property lines within the PRZs of affected off-site trees. All off-site trees shall be assessed for stability and long-term viability post-excavation. **OS-40** TR-749 PROPOSED BUILDING TR-746 **⊕** <mark>M-48</mark> ₩ TR-851 TR-918 TR-748 PANDORA AVENUE **Tree Protection Fencing Detail** Modular steel panel fencing is recommended in order to reduce land-fill waste post-construction. Fencing panels shall be secured to the ground with rebar wired to panel frame. 16 x 24" all-weather signage will be attached with the following wording: For protected trees: **DO NOT ENTER** – Tree Protection Zone TREE PROTECTION FENCING SIGNAGE For replacement/landscape tree planting sites: DO NOT ENTER – Future Tree Planting Zone (Signs shall be 16x24" and made to sustain all weather conditions) In cases where steel-panel fencing is not practical or available, fencing shall be constructed with a wooden 2x4 frame (side, top and bottom rails) and back-bracing supports as required to ensure robust placement. Snow-fencing will then be

affixed to the frame using battens, zip-ties, staples, wire or nails.

DO NOT ENTER

Tree Protection Zone

Project Arborist: Gye and Associates Ltd. 250.883.4533

NO EXCAVATING

	TREE INVENTORY TABLES										
G&A Tree ID	Common Name	DBH (cm)	PRZr (m)	Crown Diameter (m)	Health	Structural Condition	Location	Retention Suitability	Species tolerance of disturbance	Comments	Action
OS-40	Cedar hedge	20	4	10	GOOD	GOOD	Off-site Non-Bylaw	SUITABLE	GOOD	Located above and behind ex. retaining wall	Retain
OS-41	Flowering cherry	49	7	5	GOOD	POOR	Off-site Non-Bylaw	SUITABLE	POOR	Overmature	Retain
OS-42	Black pine	53	10	13	FAIR	GOOD	Off-site Non-Bylaw	SUITABLE	GOOD		Retain
43	American ash	22	4	3	FAIR	GOOD	Boundary Non-Bylaw	SUITABLE	MODERATE	Conflicts with proposed parkade	Remove
44	White birch	16	3	3	Poor	FAIR	On-site Non-Bylaw	SUITABLE	POOR	Conflicts with proposed parkade	Remove
OS-45	Black pine	59	11	11	FAIR	GOOD	Off-site Bylaw	SUITABLE	GOOD		Retain
M-46	English hawthorn	27	5	6	GOOD	FAIR	Municipal Tree	SUITABLE	GOOD		Remove
M-47	Crablapple	10	2	6	GOOD	FAIR	Municipal Tree	SUITABLE	GOOD		Retain
M-48	English hawthorn	35	6	11	GOOD	FAIR	Municipal Tree	SUITABLE	GOOD		Retain
M-49	Deciduous sp.	8	1	3	GOOD	GOOD	Municipal Tree	SUITABLE	MODERATE		Retain
831	Lawson cypress	17	3	3	GOOD	GOOD	On-site Non-Bylaw	SUITABLE	GOOD		Remove
835	Flowering plum	16	3	3	GOOD	FAIR	On-site Non-Bylaw	SUITABLE	MODERATE	Recent crown reduction with heading cuts	Remove
851	Flowering plum	13	2	3	GOOD	FAIR	On-site Non-Bylaw	SUITABLE	MODERATE	Recent crown reduction with heading cuts	Remove
878	Japanese cedar	16	3	2	GOOD	FAIR	On-site Non-Bylaw	SUITABLE	MODERATE		Remove
918	Flowering plum	15	3	2	GOOD	FAIR	On-site Non-Bylaw	SUITABLE	MODERATE	Recent crown reduction with heading cuts	Remove
M-50	Deciduous sp.	12	2	3	GOOD	GOOD	Municipal Tree	SUITABLE	MODERATE		Retain
744	Ash sp.	47	8	12	GOOD	FAIR	On-site Bylaw	UNSUITABLE	MODERATE	Located within proposed building footprint	Remove
745	Red cedar	32	6	6	GOOD	GOOD	On-site Bylaw	SUITABLE	GOOD	Located within proposed building footprint	Remove
746	Flowering plum	45	8	12	FAIR	POOR	On-site Bylaw	UNSUITABLE	POOR	Located within proposed building footprint. Significant decay within main stem.	Remove - Hazaro Tree
M-836	English yew	20	4	4	Poor	POOR	Municipal Tree	SUITABLE	GOOD	Co-dependent with Tree 746. Conflicts with proposed parkade.	Remove
747	Apple sp.	27	5	8	FAIR	FAIR	On-site Non-Bylaw	SUITABLE	GOOD	Located within proposed building footprint	Remove
748	Laburnum sp.	55	10	8	GOOD	FAIR	On-site Bylaw	UNSUITABLE	GOOD	Located within proposed building footprint	Remove
749	Red cedar	99	18	14	GOOD	GOOD	On-site Bylaw	SUITABLE	MODERATE	Located within proposed building footprint	Remove

SOIL VOLUME CALCULUS

				No. of Replacement Trees Proposed (including Tree Minimum req's)			Total Soil Volume Required (m3)				Total Soil Volume Surplus/Deficit (m3)	
Planting Area ID	Area (m2)	Soil volume multiplier*	A. Total existing or proposed soil volume (m3)	B. # Small	C. # Medium	D. # Large	E. Small	F. Medium	G. Large	Total**		
					Onsite trees	;						
Acer x "Freemanii"	84	1	84	(5	C	N/A	5 x 15	N/A	75	9	
Acer griseum in individual planters	39	0.75	29	2	2 0	С	2 x 6	N/A	N/A	. 12	27	
Quercus palustris	33	1	33	(0 2	С	N/A	2 x 15	N/A	30	3	
		Replac	ement Tree Total:	9	9							

Planting Area OSA X If B=1, Bx8 | If C=1, Cx20 | If D=1, Dx35 | E+F+G If B>1, Bx6 | If C>1, Cx15 | If D>1, Dx30

* On ground (excluding exposed bedrock): use a multiplier of 1. * On structure or bedrock: use depth of soil (m).

* For soil cells: use multiplier of 0.92.

* For structural soil: use multiplier of 0.2

*† Total must not exceed value in column A ("Estimated ex. soil volume"). If Total exceeds value in column A, then the number or size of proposed replacement trees must be reduced.

PROTECTED TREE IMPACT SUMMARY TABLE (focus on Replacement trees) # of EXISTING Total # of Bylaw otal # of Replacement **RESIDUAL** Total # of Bylaw **Non-Protected Trees** POST-CONSTRUCTION) | NET CHANGE (C+D)-B Protected Trees to be and Landscape Trees **Protected Trees** Nominated as **REMOVED** TREE TOTAL (A-B+C+D) to be Planted* **Replacement Trees** Tree Status 19 Onsite trees Offsite trees Municipal trees

Sufficient soil volume to support the proposed new or replacement trees must be provided on site and demonstrated by the calculations made in Schedule "E"(g). If soil volume is insufficient, replacement trees will not be permitted.

* Refer to Schedule "F"

REPLACEMENT TREE CALCU	LUS		
	Count	Multiplier	Tot
ONSITE Replacement tree requirement (including "Tree	e Minimum"	')	
A. Protected trees removed	5	X 1	
B. Replacement trees proposed per Schedule "E", B. Part 1	0	X 1	
C. Replacement trees proposed per Schedule "E", C. Part 2	-0	X 0.5	
D. Replacement trees proposed per Schedule "E", D. Part 3	9	X 1	
E. Total replacement trees proposed (B + C + D) Round down to nearest whole number			
F. Onsite replacement tree deficit (A - E) Record 0 if negative number			
ONSITE Minimum trees per lot requirement (onsite trees)	
G. Tree minimum on lot*			
H. Protected trees retained (other than specimen trees)	0	X 1	
I. Specimen trees retained	0	X 3	
J. Trees per lot deficit (G - (B + C + H + I)) Record 0 if negative number			
OFFSITE Minimum replacement tree requiremen	t (offsite tre	es)	
K. Protected trees removed (municipal)	1	X 1	
L. Replacement trees proposed per Schedule "E", Part 1 or Part 3	1	X 1	
M. Replacement trees proposed per Schedule "E", Part 2	0	X 0.5	
N. Total replacement trees proposed (L + M) Round down to nearest when the results of the control of the contro	nole number	,	
O. Offsite replacement tree deficit (K - N) Record 0 if negative number			
Cash-in-lieu requirement			
P. Onsite trees proposed for cash-in-lieu Enter F. or J., whichever is the greater number			
Q. Offsite trees proposed for cash-in-lieu Enter O.			
R. Cash-in-lieu proposed ((P + Q) X \$2,000)			

TREE PRESERVATION MEASURES **City of Victoria Tree Bylaw 21-035**

1. Pre-construction meeting to review Tree Plan: Before demolition and site preparation begins, the owner and contractor shall meet with the arborist to review the placement of fencing and other tree

protection measures within this plan. a) The Project Arborist shall clearly mark the boundaries of all

areas to be fenced and protected. b) Access routes and areas for trade parking and materials storage will be identified with the contractor.

2. Tree Fencing:

a) Tree protection fencing shall be installed to the Ciity of Victoria standards at the locations indicated on this drawing prior to demolition or building permit being issued (see fencing detail on plan). b) Tree protection fencing and armouring shall be maintained in good

condition throughout the duration of the project. c) Requests to temporarily remove or move tree fencing must be

reviewed by the project arborist for approval.

3. Tree Management Plan posting:

a) A full-sized weather-proof copy of this tree plan shall be posted in plain sight in the site office.

b) The general contractor shall ensure that all relevant sub-trades are familiar with the drawing and tree protection measures.

4. Site servicing and excavations: The project arborist shall be present to oversee excavation, service trenching, stump removal, site grading within, or adjacent to, the tree protection areas (TPAs). Areas of sensitivty are indicated on the plan as SPECIAL MEASURES

5. Root & branch pruning and protection:

a) Any tree roots or branches damaged during site work shall be pruned back to undamaged tissue by the arborist. b) The vertical face of excavated cuts adjacent to the TPAs shall be

securely covered with heavy plastic sheeting to prevent soil desiccation and erosion.

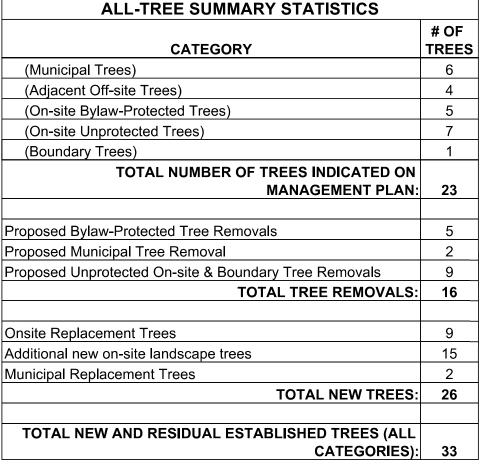
7. Mulching & Irrigation: Retained trees adjacent to the excavated areas shall be top-dressed with 100mm of leaf mould or clean (disease-free) tree chip mulch and irrigated bi-weekly during the dry summer period to a minimum effective depth of 30cm.

8. **Temporary access**: If temporary access is required within a tree protection area (TPA), the contractor shall notify the project arborist in advance and review the access requirements and any additional protective measures prescribed by the arborist.

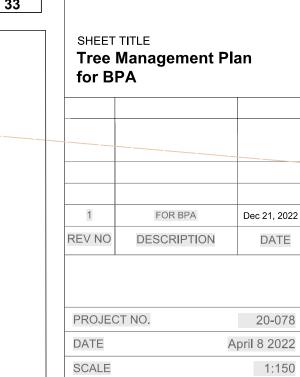
9. Soil armouring: If it is not possible to fence the entire PRZ, the unprotected portion of the PRZ shall be armoured with two overlapping layers of 3/4" plywood. (See drawing for recommended soil armouring

10. Storage restrictions: No equipment, materials or excavated soil shall be placed or stored within the TPAs.

11. Replacement planting: Nine (9) replacement trees will be planted in compensation for the removal of five (5) protected trees and to achieve the City's "Tree Minimum" requirement for this site area. The size of the replacement trees shall respect the City of Victoria Tree Protection Bylaw standards. Tree types and planting locations shall be approved by the City of Victoria and detailed in the Tree Replacement and Landscape Planting Plan drawings prepared by the Landscape



1270/1286 Pandora Ave + 1516 Camosun St, Victoria, BC



LM

T - 1

DRAWN BY

SHEET NO.

LEGEND CONIFER TREE CANOPY Trees to be retained TREE CENTRE TREE FENCING PROTECTED ROOT ZONE TREE TAG # −TR-# OFF-SITE TREE TAG # **DECIDUOUS** MUNICIPAL TREE TAG # Trees to be removed REMOVE TREE SYMBOL-