#### LANDSCAPE RATIONALE

### **OVERVIEW**

The overall design intent is to integrate this project into both its' immediate natural environment and the evolving context of Lions Gate Village in adjacent North Vancouver. The powerful influences of the natural and man-made environments are explored and responded to in an integrated manner through the use of connections, character themes, and materials. The primary site influence is the Capilano River and its geomorphology with secondary influences of the iconic Cleveland Dam first nations imagery, and the adjacent industrial lands. The overall ground plane programming responds to the street presence, arrival sequence, common amenity zones at ground level, and adjacent public realm amenities. The design responds to the project's proximity to adjacent uses (Klahanie Park Family Housing, Marine Drive, and the Lions Gate Village redevelopment to the east), sustainability goals and to specific solar orientations.

Plant material throughout the site has been selected with a focus on native and drought tolerant plantings. Planting areas are also designed to assist in storm water management and the provision of shade in specific areas.

The overall feel of the landscape will be that of shared amenities and gracious open spaces for people of all ages and abilities. The public face of the project will be permeable and inviting.

#### STREET FRONTAGES

The eastern frontage is along the future roadway shared between North and West Vancouver. The streetscape along the west side of this new road will be coordinated with West Vancouver Parks and will include new sidewalk, bicycle pathway, street trees, and connections to the amenities in Lions Gate Village.

The 10-meter Marine Drive frontage setback area is under the control of Ministry of Transportation and Infrastructure (MOTI). Upgrades to their standards are proposed to provide an engaging urban frontage that is consistent with the District of North Vancouver Lions Gate Village properties to the east as well as providing articulated acoustic separation and visual screening. It is clearly recognized that this frontage is highly visible and requires a strong urban design response.

#### **ARRIVAL PLAZA**

Overall patterning of the plaza is intended to provide a unified ground plane that blurs the line between pedestrian and vehicle areas. The design narrative plays on themes derived from the geomorphology of Capilano River in an abstracted pattern. Granite plinths run through the area representing the canyon walls and boulders along the river edge. Paver patterning suggests gravel bars in the river. The plaza will accommodate emergency access, garbage pick-up, visitor drop off and temporary parking. Tree placement and planting areas provide a range of plaza seating opportunities for residents and the public. The arrival plaza provides a direct connection to Lions Gate Village and the bicycle and pedestrian pathway system leading to Klahanie Park, the Capilano River and Park Royal along Marine Drive.

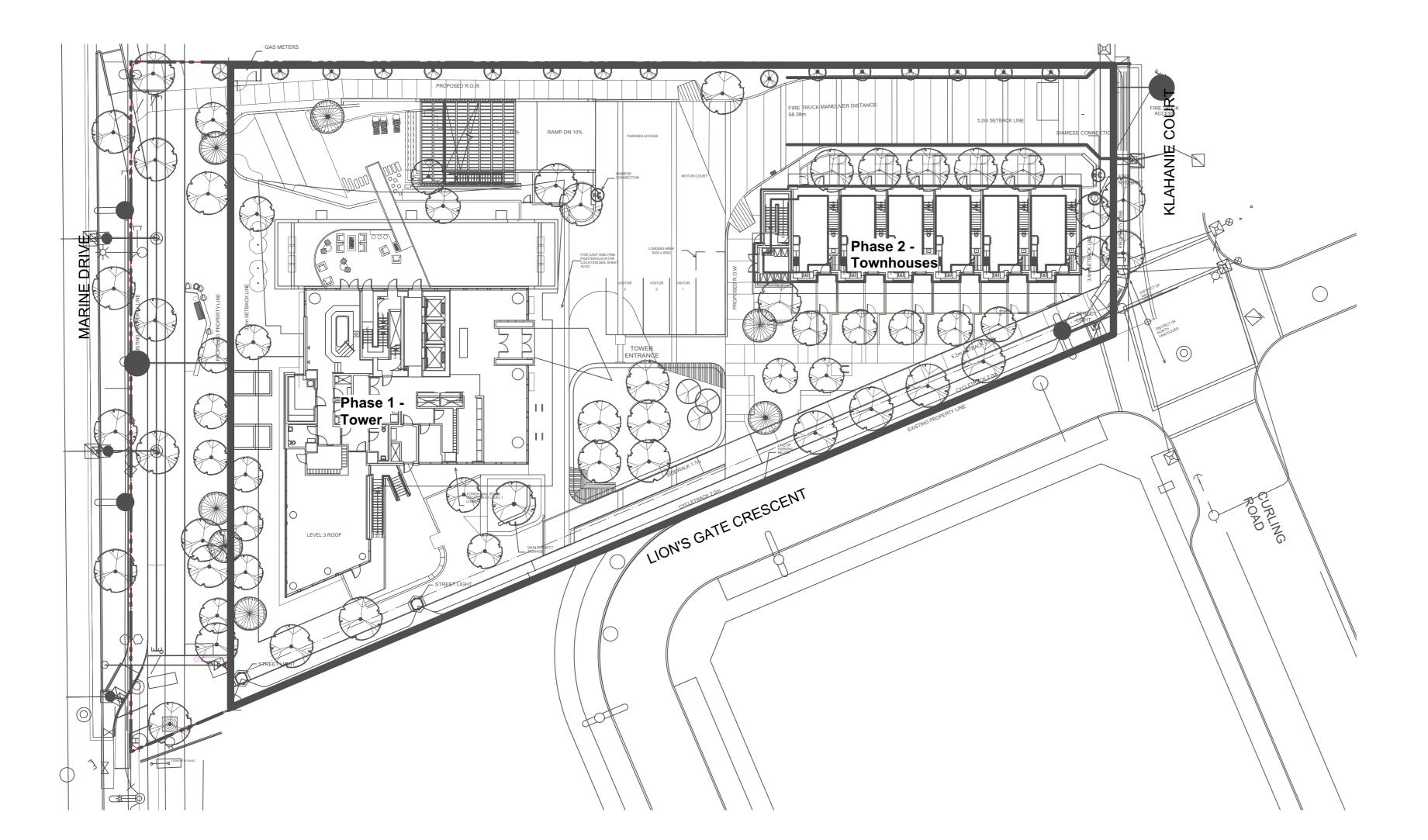
#### **COMMON OPEN SPACE**

The tower ground floor is composed of a sequence of common spaces including social gathering spaces, spa rooms and fitness facilities. Adjacent to these facilities a sequence of open spaces and amenities are provided at the south and west sides of the tower for the use of all tower residents. At the sunny southwest corner is an open lawn area that leads to a spine connecting to the water feature. A direct tower connection is provided from the west side of the tower. A garden walkway connects this amenity along the south property line to the children's play area and a central common terrace. The primary access to the southern commons is provided by a walkway from the tower lobby.

At level 25 of the tower, terraces are provided adjacent the two private residences. These garden rooms have been designed to respond to their solar and view orientation and to provide a range of garden characters contemplative, social, and communal.

#### SUSTAINABILITY

Sustainability goals will be achieved through use of drought tolerant native and adaptable plantings, significant landscape areas for rainwater capture, and provision for a high efficiency irrigation system.



# SENTINEL

for Denna (Sentinel) Properties Corp.

Civic Address: 303 Marine Drive, West Vancouver BC Legal Description:



### CONSULTANT TEAM

w www.etala.ca

OWNER: Denna (Sentinel)Properties Corp. ARCHITECT: DA Architects and Planners LANDSCAPE: eta Landscape Architecture CIVIL: Applin Martin

DRAWING LIST

L0.0	Cover Sheet
L0.1	Landscape Notes and Schedules
L0.2	Illustrative Plan
L1.0	Tree Management
L2.0	Public Realm Plan/Offsite
L2.1	Civil Servicing Plan
L3.1	Materials Plan - Ground - Phase 1 West
L3.2	Materials Plan - Ground - Phase 1 East
L3.3	Materials Plan - Ground - Phase 2
L3.4	Materials and Planting Plan - Level 3 & Level 25
L4.1	Fence and Wall Plan - Ground - Phase 1 West
L4.2	Fence and Wall Plan - Ground - Phase 1 East
L4.3	Fence and Wall Plan - Ground - Phase 2
L5.1	Landscape Lighting Plan - Ground
L5.2	Landscape Lighting Plan - Level 3 & Level 26
L6.1	Grading and Drainage - Ground - Phase 1 West
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L6.3	Grading and Drainage - Ground - Phase 2
L6.4	Grading and Drainage - Level 3 & Level 25
L7.1	Tree Plan - Ground
L7.2	Planting Plan - Ground - Phase 1 West
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L7.4	Planting Plan - Ground - Phase 2
L7.5	Planting Plan - Level 3 & Level 25
L8.1	Landscape Soil Depth Plan - Ground
L8.2	Soil Depth Plan - Level 3 & Level 25
L9.1	Irrigated Areas - Ground
L9.2	Irrigated Areas - Level 3 & Level 25
L10.1	Landscape Sections
L11.1	Details - Softscape
L11.2	Details - Softscape
L12.1	Details - Hardscape
L12.2	Details - Hardscape
L13.1	Details - Site Furnishings
L13.2	Details - Site Furnishings
L13.3	Details - Site Furnishings
L14.1	Details - Shop Drawings
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L15.0	Details - Fencing
L16.0	Details - Lighting
L17.0	Details - Water Feature
L18.0	Details - Signage

2019-11-15 Issue for Rezoning/DP Amendment 2019-12-19 Issue for BP

D 2020-01-06 Re-Issue for RZ/DP Amendment

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# SENTINEL

303 Marine Drive West Vancouver, BC

Drawing Title

### **Cover Sheet**

Legal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	<b>L0</b>
	42

#### **ALL PLANTS TO BE NURSERY GROWN** ALL PLANT MATERIALS AND LABOUR TO CONFORM TO THE CURRENT EDITION OF THE CSLA LANDSCAPE STANDARDS.

ALL PLANT MATERIAL TO BE INSPECTED PRIOR TO DELIVERY ON SITE. CONTRACTOR TO ARRANGE FOR INSPECTION AND MATERIAL TO ASSEMBLED IN ONE LOCATION FOR REVIEW.

IMPORTED GROWING MEDIA SHALL BE A SANDY LOAM OR LOAMY SAND TEXTURE (NO LESS THAN 50% SAND BY WEIGHT) CONTAINING 4 AND 15% ORGANIC MATTER (DRY WEIGHT

### GROWING MEDIA SHALL BE FREE FROM SUBSOIL.

WOOD INCLUDING WOODY PLANT PARTS, INVASIVE AND NOXIOUS PLANT AND THEIR REPRODUCIBLE PARTS, PLANT PATHOGENIC ORGANISMS, ORGANIC OR INORGANIC MATERIALS, TOXINS, STONES OVER 30mm (1.2"), ANY DEBRIS AND FOREIGN OBJECTS.

IMPORTED GROWING MEDIA SHALL CONFORM TO AND BE TREATED AS PER SECTION 6.2.3 TO 6.2.7 INCLUSIVE OF THE CURRENT EDITION CSLA LANDSCAPE STANDARDS.

GROWING MEDIUM SHALL CONFORM TO LEVEL 1 "WELL-GROOMED" AREAS: LOW TRAFFIC LAWN AREAS, TREES AND LARGE SHRUBS (1L IN TABLE T-6.3.5.1 OF THE CURRENT EDITION OF THE CSLA LANDSCAPE STANDARDS). IT SHALL POSSESS THE FOLLOWING QUALITIES:

#### **TEXTURE-**

\*COARSE GRAVEL (LARGER THAN 19mm AND SMALLER THAN 40mm): 0-1% \*ALL GRAVEL (LARGER THAN 2mm AND SMALLER THAN 40mm): 0-5% \*SAND (LARGER THAN 0.05mm AND SMALLER THAN 2mm): 50-70%

\*SILT (LARGER THAN 0.002mm AND SMALLER

THAN 0.05mm): 10-25% \*CLAY (SMALLER THAN 0.002mm): 0-20%

\*CLAY AND SILT COMBINED: MAXIMUM 25%

#### **ORGANIC CONTENT**: 3-10%

#### **Acidity (pH)**: 6.0-7.0

**DRAINAGE: PERCOLATION SHALL BE SUCH THAT NO STANDING WATER IS VISIBLE 60** MINUTES AFTER AT LEAST 10 MINUTES OF MODERATE TO HEAVY RAIN OR IRRIGATION.

MINIMUM SOIL DEPTH TO BE AS PER TABLE T 6.3.5.5 OF THE CURRENT EDITION CSLA LANDSCAPE STANDARDS:

	Over prepared subgrade where the subsoil drains rapidly	Over structures or where the subsoil drains poorly
TREES (10m3 PER TREE)	24"	30"
LARGE SHRUBS	24"	24"
GROUNDCOVERS	12"	9"
LAWN-IRRIGATED	6"	6"
LAWN-NOT IRRIGATED	6"	9"

### SOIL DEPTHS WILL BE CHECKED AT TIME OF SUBSTANTIAL COMPLETION REVIEW

SOIL FOR URBAN AGRICULTURE PLOTS IS TO BE URBAN GRO PROVIDED BY VERATEC, OR APPROVED ALTERNATIVE. SOIL FOR URBAN AGRICULTURE AREAS IS TO MEET OR EXCEED THE GUIDELINES FOR COMPOST QUALITY UNDER CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (CCME).

COMPOST IS TO BE TESTED AND RESULTS SUBMITTED TO CONSULTANT PRIOR TO DELIVERY TO SITE.

BEDS TO HAVE 2" MULCH LAYER (after settling) CONSISTING OF ORGANIC COMPOSTED

PLANTED AREAS TO HAVE PERMANENT HIGH EFFICIENCY IRRIGATION SYSTEM - SHOP DRAWINGS ARE TO BE PREPARED BY AN IABC CERTIFIED DESIGNER AND APPROVED BY LANDSCAPE ARCHITECT.

CONTRACTOR TO PROVIDE MAINTENANCE FOR 1 YEAR FOLLOWING SUBSTANTIAL COMPLETION.

CONTRACTOR TO PROVIDE WRITTEN 1 YEAR WARRANTY ON PLANT MATERIAL

CONTRACTOR TO PROVIDE COPY OF SOIL TEST TO LANDSCAPE CONSULTANT 3 WEEKS PRIOR TO DELIVERY ON-SITE. TEST TO BE PERFORMED BY AN INDEPENDENT LAB AND IS TO INCLUDE RECOMMENDATIONS FOR BOTH LAWN AND PLANTING BEDS.

CONSULTANT TO APPROVE SOIL BEFORE INSTALLATION. THIS DOES NOT PRECLUDE THE CONSULTANT FROM PERFORMING AN INDEPENDENT SOIL ANALYSIS AT TIME OF SUBSTANTIAL COMPLETION. CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF SOIL THAT DOES NOT MEET SPECIFICATIONS AT NO EXTRA COST TO CLIENT.

CONTRACTOR TO PROVIDE WRITTEN 1 YEAR WARRANTY ON SOIL SPECIFICATIONS.

AN INDEPENDENT SOIL TEST TO BE PROVIDED 1 WEEK PRIOR TO END OF 1 YEAR WARRANTY PERIOD CONTRACTOR TO PROVIDE SOIL AMENDMENTS TO BRING SOIL UP TO QUALITY RECOMMENDED IN SOILS REPORT.

### SITE INSPECTION

EXAMINE EXISTING SUBGRADE CONDITIONS AND SIGNIFY ACCEPTANCE IN WRITING TO

ASCERTAIN THE SIZE AND LOCATION OF ALL EXISTING SERVICES AND SUBGRADES PRIOR TO THE WORK.

IMMEDIATELY REPAIR DAMAGE RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTIONS AT NO COST TO THE OWNER.

ALL PRUNING TO BE IN ACCORDANCE WITH THE CSLA LANDSCAPE STANDARDS CURRENT EDITION.

### **PLANT COUNTS**

IN THE CASE OF ANY DISCREPANCY BETWEEN PLANT COUNTS ON PLANT LIST AND PLANT SYMBOLS ON DRAWING, THE DRAWINGS TAKES PRECEDENT. THE CONTRACTOR IS TO VERIFY ALL PLANT COUNTS AND NOTIFY CONSULTANT OF ANY DISCREPANCY.

PLANT LIST	-OFFSITE				
ID	QTY	LATIN NAME	COMMON NAME	SCHEDULED SIZE	NOTES
TREES					
Aps	2	Acer palmatum 'Seiryu'	Japanese Maple	5cm cal. B&B	full/bushy plants
Bn	2	Betulus nigra	river birch		low branching/ vary heights
Bnh	6	Betulus nigra 'Heritage'	river birch	3m/ B&B	multi-branching/ vary heights
Pio	3	Picea omorika	Serbian Spruce	3.5m ht/B&B	full/ bushy plants
Pot	1	Populus tremuloides	Quaking Aspen	6cm/ B&B	2m. std.
	0				
SHRUBS					
Bs	192	Blechnum spicant	deer fern	#2 cont.	full bushy plants
Feg	86	Festuca glauca	blue fescue	#1 cont.	full/ bushy plants
ls	107	Iris sibirica 'Caesar's Brother'	Caesar's Brother Siberian Iris	#2 cont.	staked
Jue	114	Juncus effuses	common rush	#1 cont	.3m o.c.
Lm	371	Liriope muscari 'Majestic'	Majestic Lilyturf	#2 cont.	staked
Lp	11	Lonicera pileata	box leaf honeysuckle	#2 cont.	full/ bushy plants
Mis	28	Miscanthus sinensis 'Morning Light"	morning light maiden grass	#3 cont.	full/ bushy plants
Mn	67	Mahonia nervosa	longleaf mahonia	#1 cont	full/ bushy plants
Mr	396	Mahonia repens	Creeping Oregon grape	#3 cont.	full/ bushy plants
Pah	7	Pennisetum alopecuroides 'Hameln'	dwarf fountain Grass	#1 contheavy	full/ bushy plants
Plo	6	Prunus laurocerasus 'Otto Luyken'	'Otto Luyken' English laurel	#5 cont.	full/ bushy plants
Pm	11	Polystichum munitum	Sword Fern	#3 cont.	full bushy plants
RhG	580	Rubeckia "Goldstrum"	Golden Coneflower	#2 cont	full/ bushy plants
Sh	37	Sarcococca hookeriana	sweet box	#2 cont.	Full, bushy plants
Sob	46	Salvia officinalis 'Bergarten'	sage	#1 cont.	full bushy plants
Stt	75	Stipa tenuissima	Mexican feather grass	#2 cont.	full/ bushy plants
Vo	269	Vaccinium ovatum	evergreen huckleberry	#3 cont.	full/ bushy plants
Vvi	8	Vaccinium vitis-idaea	cowberry	#3 cont.	full/ bushy plants
	0				
LAWN					
		Non-Netted, grown on sand			
NOTE: ALL L	ANDSCAP	<u>E TO CONFORM TO THE CURRENT E</u>	DITION OF THE CSLA LANDSCA	PE STANDARDS FOR L	<u>EVEL 2 'GROOMED' LANDSCAPE TREATMEN</u>

PLANT LIST					
D	QTY	LATIN NAME	COMMON NAME	SCHEDULED SIZE	NOTES
TREES.					
٩k	1	Abies koreana	Korean fir	3.0m ht/ B&B	full/ bushy/strong central leader
Aps	16	Acer palmatum 'Seiryu'	Japanese Maple	5cm cal. B&B	full/bushy plants
Bn	14	Betulus nigra	river birch		low branching/ vary heights
Bnh	1	Betulus nigra 'Heritage'	river birch	3m/ B&B	multi-branching/ vary heights
Cm	3	Cornus mas	Cornelian cherry dogwood	8cm	full, bushy plants
Pio	3	Picea omorika	Serbian Spruce	3.5m ht/B&B	full/ bushy plants
Pot	18	Populus tremuloides	Quaking Aspen	6cm/ B&B	2m. std.
	0				
SHRUBS/PE	 ERENNIALS	 6/GROUNDCOVER			
Ajp	57	Azalea japonica 'purple splendor'	evergreen azalea	#2 cont.	full/ bushy plants
auc	26	Arbutus unedo compacta	strawberry madrone	1mx 1m B&B	full/ bushy plants
Bc	201	Bergenia cordifolia Bressingham White	Heartleaf Bergenia	#1 cont.	full/ bushy plants/ heavy
Cakf	47	Calamagrostis x acutiflora 'Karl Forester'	Feather Reed Grass	#2 cont.	
Csk	28	Cornus sericea 'kelseyi'	Dwarf Red Osier dogwood	#2 cont.	full/bushy
Ct	127	Choisya ternata	Mexican mock orange	#3 cont.	full/ bushy plants
<u>-</u> a	12	Fragaris x ananassa	strawberry	SP4	full/ bushy plants
Feg	34	Festuca glauca	blue fescue	#1 cont.	full/ bushy plants
ha	143	Hebe pinguifolia	hebe	#2 cont.	full, bushy plants
ha	98	Hebe pinguifolia	hebe	#2 cont.	full, bushy plants
Hm	55	Hakonechloa macra	Japanese forest grass	#1 cont.	full/ bushy plants
Hs	188	Hemerocallis sp	day lily	#2 cont.	-
lcc	58	Ilex crenata compacta	Japanese Holly	#5 cont.	full/ bushy plants
Jue	121	Juncus effuses	common rush	#1 cont	.3m o.c.
Lm	833	Liriope muscari 'Majestic'	Majestic Lilyturf	#2 cont.	staked
Lp	9	Lonicera pileata	box leaf honeysuckle	#2 cont.	full/ bushy plants
Maa	28	Mahonia aquifolium	tall Oregon grape	#3 cont.	full/ bushy plants
Mis	30	Miscanthus sinensis 'Morning Light"	morning light maiden grass	#3 cont.	full/ bushy plants
Mn	19	Mahonia nervosa	longleaf mahonia	#1 cont	full/ bushy plants
Мр	77	Miscanthus sinensis 'Purpurascens'	Purple Silver Grass	#3 cont.	full/ bushy plants
Pah	148	Pennisetum alopecuroides 'Hameln'	dwarf fountain Grass	#1 contheavy	full/ bushy plants
Plo	47	Prunus laurocerasus 'Otto Luyken'	'Otto Luyken' English laurel	#5 cont.	full/ bushy plants
Plo	62	Prunus laurocerasus 'Otto Luyken'	'Otto Luyken' English laurel	#5 cont.	full/ bushy plants
RhG	409	Rubeckia "Goldstrum"	Golden Coneflower	#2 cont	full/ bushy plants
Sob	211	Salvia officinalis 'Bergarten'	sage	#1 cont.	full bushy plants
Stt	850	Stipa tenuissima	Mexican feather grass	#2 cont.	full/ bushy plants
Tmh	65	Taxus media 'Hicksii'	Anglojap Yew	1.2m/B&B	full. bushy plants
Vvi	133	Vaccinium vitis-idaea	cowberry	#3 cont.	full/ bushy plants
Wf	13	Wisteria floribunda 'Issai Perfect'	White Japanese Wisteria	#2 cont	full, bushy plants
***	0	Wistoria nonbanda 166611 Griedi	Willie dapanedo Wiotona	#2 95fit	Tail, Sacry Plante
LAWN					
		Non-Netted, grown on sand			

LANDSCAPE TREATMENT IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT LIST AND THE PLANTING PLAN, THE PLANTING PLAN TAKES PRECEDENCE.

	COMMON NAME	SCHEDULED SIZE	NOTES
	Korean fir	3.0m ht/ B&B	full/ husby/atrong control loader
'Seiryu'		5cm cal. B&B	full/ bushy/strong central leader full/bushy plants
Sellyu	Japanese Maple river birch		low branching/ vary heights
la vita a a!			
leritage'	river birch	3m/ B&B	multi-branching/ vary heights
	Cornelian cherry dogwood	8cm	full, bushy plants
	Serbian Spruce	3.5m ht/B&B	full/ bushy plants
oides	Quaking Aspen	6cm/ B&B	2m. std.
R			
ı 'purple splendor'	evergreen azalea	#2 cont.	full/ bushy plants
compacta	strawberry madrone	1mx 1m B&B	full/ bushy plants
olia Bressingham White	Heartleaf Bergenia	#1 cont.	full/ bushy plants/ heavy
c acutiflora 'Karl Forester'	Feather Reed Grass	#2 cont.	
'kelseyi'	Dwarf Red Osier dogwood	#2 cont.	full/bushy
	Mexican mock orange	#3 cont.	full/ bushy plants
assa	strawberry	SP4	full/ bushy plants
	blue fescue	#1 cont.	full/ bushy plants
1	hebe	#2 cont.	full, bushy plants
1	hebe	#2 cont.	full, bushy plants
acra	Japanese forest grass	#1 cont.	full/ bushy plants
)	day lily	#2 cont.	-
npacta	Japanese Holly	#5 cont.	full/ bushy plants
приски	common rush	#1 cont	.3m o.c.
'Majestic'	Majestic Lilyturf	#2 cont.	staked
ı ıvıajestic	box leaf honeysuckle	#2 cont.	full/ bushy plants
lium	tall Oregon grape	#3 cont.	full/ bushy plants
ensis 'Morning Light"	morning light maiden grass	#3 cont.	full/ bushy plants
sa	longleaf mahonia	#1 cont	full/ bushy plants
ensis 'Purpurascens'	Purple Silver Grass	#3 cont.	full/ bushy plants
pecuroides 'Hameln'	dwarf fountain Grass	#1 contheavy	full/ bushy plants
rasus 'Otto Luyken'	'Otto Luyken' English laurel	#5 cont.	full/ bushy plants
rasus 'Otto Luyken'	'Otto Luyken' English laurel	#5 cont.	full/ bushy plants
strum"	Golden Coneflower	#2 cont	full/ bushy plants
s 'Bergarten'	sage	#1 cont.	full bushy plants
a	Mexican feather grass	#2 cont.	full/ bushy plants
cksii'	Anglojap Yew	1.2m/B&B	full. bushy plants
idaea	cowberry	#3 cont.	full/ bushy plants
nda 'Issai Perfect'	White Japanese Wisteria	#2 cont	full, bushy plants
own on sand			

landscape architecture

1690 West 2nd Avenue Vancouver . BC . Canada . V6J 1H4

A 2019-07-17 Issued for DP

C 2019-12-19 Issue for BP

B 2019-11-15 Issue for Rezoning/DP Amendment

D 2020-01-06 Re-Issue for RZ/DP Amendment

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## **SENTINEL**

303 Marine Drive West Vancouver, BC

Drawing Title

### **Notes and Schedules**

Legal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L0.1
	42

ID	REFERENCE	SITE FURNISHINGS						
		DESCRIPTION	SIZE	MODEL	MANUFACTURER	COMMENT	COLOUR	QTY
0.4	4.0/1.40.0	OOLID TIMBED DEVICE:						
	1-3/L13.2	SOLID TIMBER BENCH		Ondon	custom		natural	
	4/L14.1	TIMBER SLAT BENCH		Ogden	Maglin		4 1	+
	3/L13.3, 4/L13.3	FOLDED TIMBER BENCH			custom	and and the said	natural	
	2/L13.1	BENCH -CONCRETE/WOOD		ED 5040	custom	concrete/wood	natural	
	2/L14.1	BIKE RACK		EP 5910	Equiparc		stainless	
	3/L14.1	BIKE REPAIR UNIT		DCDC 26	Dero	as nor Lione sets Cuideline	titomi	
	4/L14.2	LITTER CONTAINER		RSDC-36	Victor Stanley	as per Lions gate Guidelines	silianium	+
	3/L12.2	CUT GRANITE BLOCKS	varies	Customs	C			+
	1/L13.1	TIMBER PLATFORM	45054505	Custom	Custom	with DA frames	finish	
	1/L14.4	TREE GRATE	1525x1525mm	Coho	Urban Accessories	with PA frame	raw natural finish	+
	2/L12.2	SKATE STOPPER	25.4millimeters	Custom	Calva			
	5/L14.2	FIREPIT		Customs	Solus			
513	1/L17.1 - 6/L17.1	WATER FEATURE		Custom	Custom			
		PLAY ELEMENTS						
ID		DESCRIPTION	SIZE	MODEL	MANUFACTURER	COMMENT	COLOUR	QTY
	1/L14.2	PARKOUR PLAY STRUCTURE			Kompan			T
	6/L13.2	CHALKBOARD WALL			Custom	custom		
		WALL MOUNTED ACTIVITY						
	4/L13.2, 5/L13.2	PANELS			Custom	custom		+
	2/L14.1	BALANCE STILTS						
	3/L14.2	BALANCE POLES						+
<b>-</b> 6	7/L13.2	STEPPING STUMPS	varies					+
		MATERIALS						
D		DESCRIPTION	SIZE	MODEL	MANUFACTURER	COMMENT	COLOUR	QTY
И1	1/L12.1 & 2/L12.1	PAVER A - Vehicular	300x300x108mm	VS5	Expocrete		grey	
M2	1/L12.1 & 2/12.1	PAVER A - Vehicular	300x300x108mm	VS5	Expocrete	contrast band colour	charcoal	
M3	3/L12.1 & 4/L12.1	PAVER B - Pedestrian Plaza	150x300x108mm	VS5	Expocrete		dark grey	
M4		PAVER C - East Amenity Patio	305x610x100mm	Moduline	Expocrete		charcoal	
M5	4/L12.1	PAVER D - West Amenity Patio	tbd	Plank - Porcelain	TBD			
M6	4/L12.1	PAVER E - West Amenity Bridge	tbd	Plank - Porcelain	TBD			
M7		PAVER F - Play area	301x301x60mm	Nevada	Abbotsford Concrete		tbd	
M8	7/L12.1	PAVER G - Rooftops	tbd	plank paver		porcelain-co-ord with ID	tbd	
	7/L12.1	PAVER H - Rooftops	tbd			porcelain-co-ord with ID	tbd	
	8/L12.1	RESILIENT PLAY SURFACE			Softline	earth yellow/red bands		
					Zinco or approved			
	3/L11.2	GREEN ROOF			equivalent	Extensive, sedum bands		
	9/L12.1	GRANITE SETT BIKE BARRIER	1105millimeters	Custom			grey	
113	7/L12.1	ROOF PAVERS						
		FENCES AND WALLS						
ID		DESCRIPTION	SIZE	MODEL	MANUFACTURER	COMMENT	COLOUR	QTY
	1/L15.1	TOWNHOUSE FENCE	900mmT	TIMBER	Custom			
	2/L15.1	PERIMETER FENCE	1829mmT	TIMBER				
F3	1/L12.2	CIP CONCRETE WALL		Custom				
		LICHTING			Custom			
)		LIGHTING DESCRIPTION	TYPE	MODEL	MANUFACTURER	COMMENT		
	5/L16.1	BOLLARD LIGHT- PATHWAY	LED	IWAY	I GUZZINI	170mm dia x 990mm h	warm	
	4/L16.1	UNDERWATER LIGHT	LED	UW TUBE	BOCCA FLASHER	17 OHIIII GIA X SSUIIIII II	wallii	+
	7/L16.1	IN GROUND LIGHT	LED	MINI ZIP	SISTEMALUX			+
	3/L16.1	STEP/WALL LIGHT	LED	QUANTUM	GOCCIA			+
	6/L16.1	UPLIGHT	LED	I PRO	I GUZZINI			+
	U/ L   U.						-	+
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L	2/L16.1 1/L16.1	STRIP LIGHT POLE LIGHT	LED LED	TBC	SISTEMALUX TCB	TBC by lighting engineer		



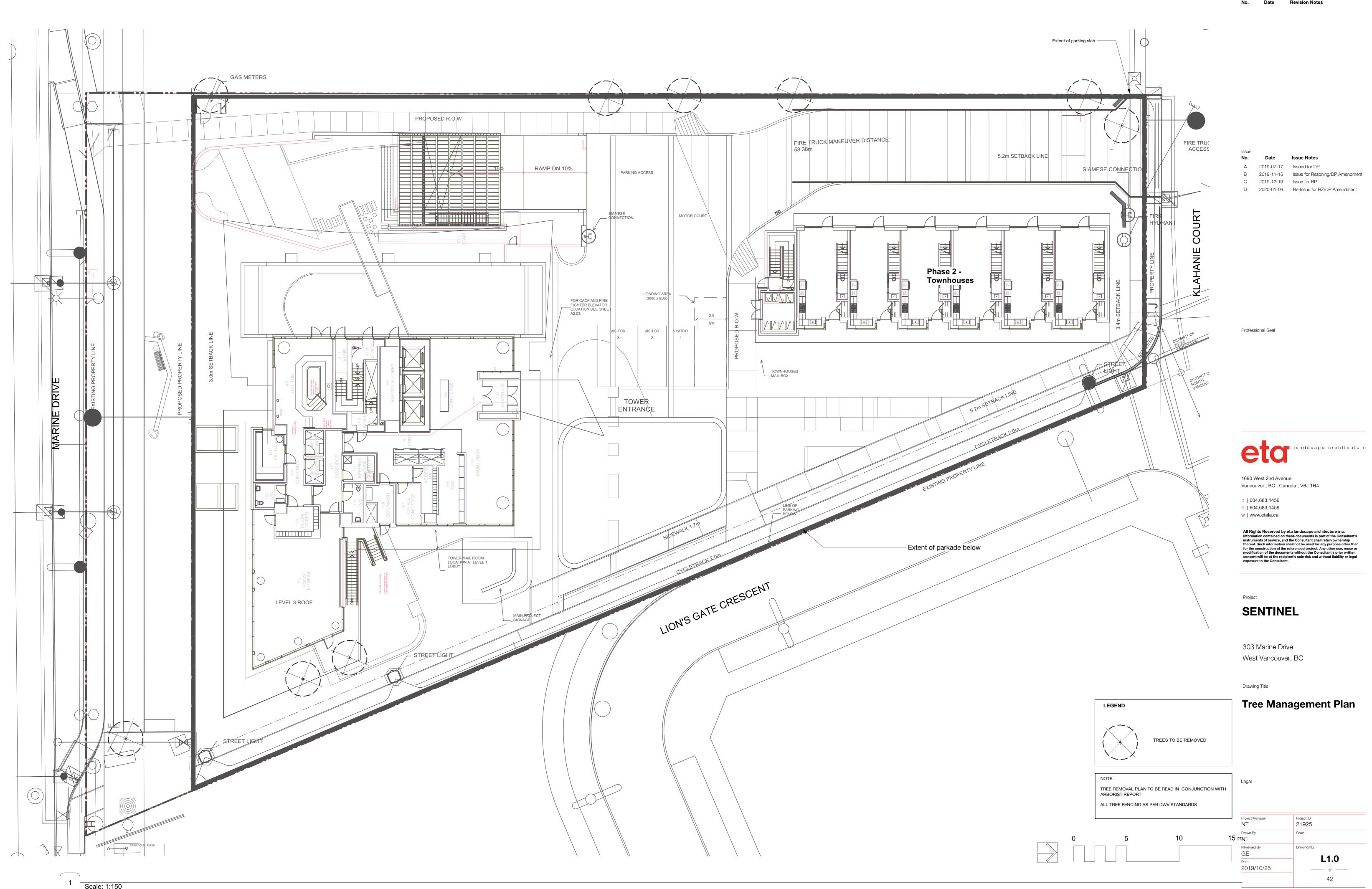
2019-11-15 Issue for Rezoning/DP Amendment

D 2020-01-06 Re-Issue for RZ/DP Amendment

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L0.2

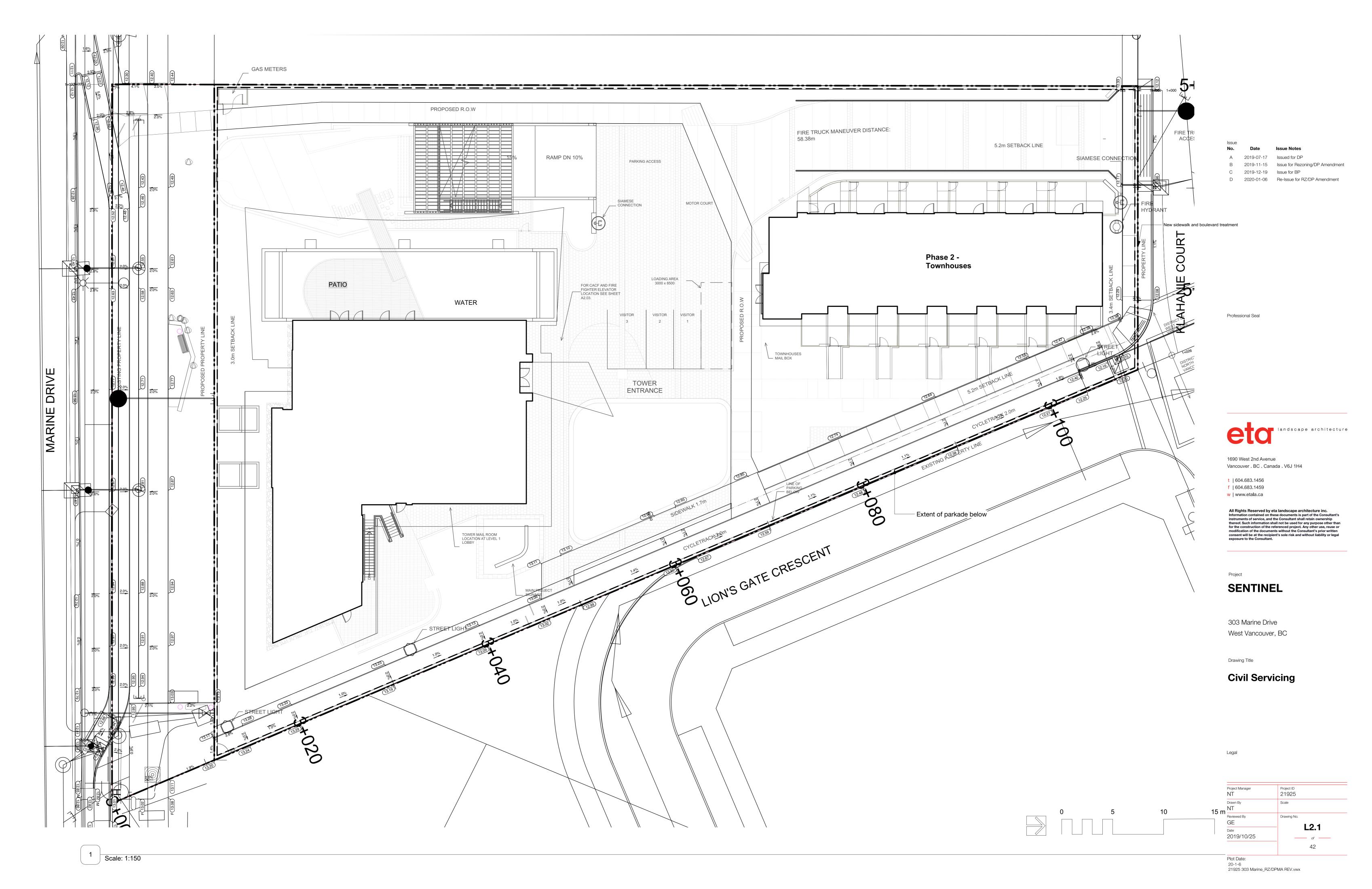
20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx



- Planted boulevard to Lions Gate Public Realm guidelines - Pedestrian connection New sidewalk and boulevard treatment as per DWV guidelines Proposed location siamese connection **GAS METERS** PROPOSED R.O.W 29-Mr -FIRE TRUCK MANEUVER DISTANCE: FIRE TRUCK ACCESS 5.2m SETBACK LINE RAMP DN 10% SIAMESE CONNECTI PARKING ACCESS 2019-11-15 Issue for Rezoning/DP Amendment 2019-12-19 Issue for BP 2020-01-06 Re-Issue for RZ/DP Amendment MOTOR COURT PATIO WATER Phase 2 -Townhouses LOADING AREA 3000 x 8500 FOR CACF AND FIRE FIGHTER ELEVATOR LOCATION SEE SHEET A2.03. Litter container to Lions Gate VISITOR VISITOR Professional Seal Public Realm guidelines Streetside plaza TOWNHOUSES MAIL BOX \_Boulders at intervals in planted boulevard Concrete/wood bench as per Lion's Gate Guidelines TOWER ENTRANCE Accessible curb ramp <sup>∆</sup>refer to civil eng. eto landscape architecture — 1.4m landscape boulevard \_Planted zone per MoH, typ. 1690 West 2nd Avenue 2m dedicated on street bike path
 Paint colour to match DNV Lions
 Gate Village Standards Vancouver . BC . Canada . V6J 1H4 t | 604.683.1456 f | 604.683.1459 Tree planting along public realm w/ native underplantings in continuious soil trench. w | www.etala.ca All Rights Reserved by eta landscape architecture inc.
Information contained on these documents is part of the Consultant's instruments of service, and the Consultant shall retain ownership thereof. Such information shall not be used for any purpose other than 10m3 soil volume per tree 2m asphalt bike path to Lions Gate – Public Realm guidelines for the construction of the referenced project. Any other use, reuse or modification of the documents without the Consultant's prior written consent will be at the recipient's sole risk and without liability or legal exposure to the Consultant. New 1.8m conc. sidewalk as per 21-Vo DWV guidelines Proposed streetlight, typ. Refer to electrical. Accessible curb ramp Residential pedestrian pathway connects to public 2m concrete sidewalk to Lions

– Gate Public Realm guidelines LION'S GATE CRESCENT SENTINEL 303 Marine Drive Residential pedestrian pathway connects to public West Vancouver, BC Bike lane converges Drawing Title pedestrian pathway - Bike Dismount barrier **Public Realm/Offsite** Final location of street trees to be coordinated with street light - location Legal Extent of parkade below Project Manager NT 21925 Custom timber bench Drawn By 15 m ──Vehicular concrete unit GE Date pavers, Paver B L2.0 2019/10/25 Bike repair station 42 Bike Dismount barrier Plot Date: 20-1-6 Scale: 1:150 21925 303 Marine\_RZ/DPMA REV.vwx

o. Date Revision N



1 | Scale: 1:100

2019-11-15 Issue for Rezoning/DP Amendment

Plot Date: 20-1-6

21925 303 Marine\_RZ/DPMA REV.vwx

MARINE DRIVE

1 | Scale: 1:100

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SENTINEL

303 Marine Drive

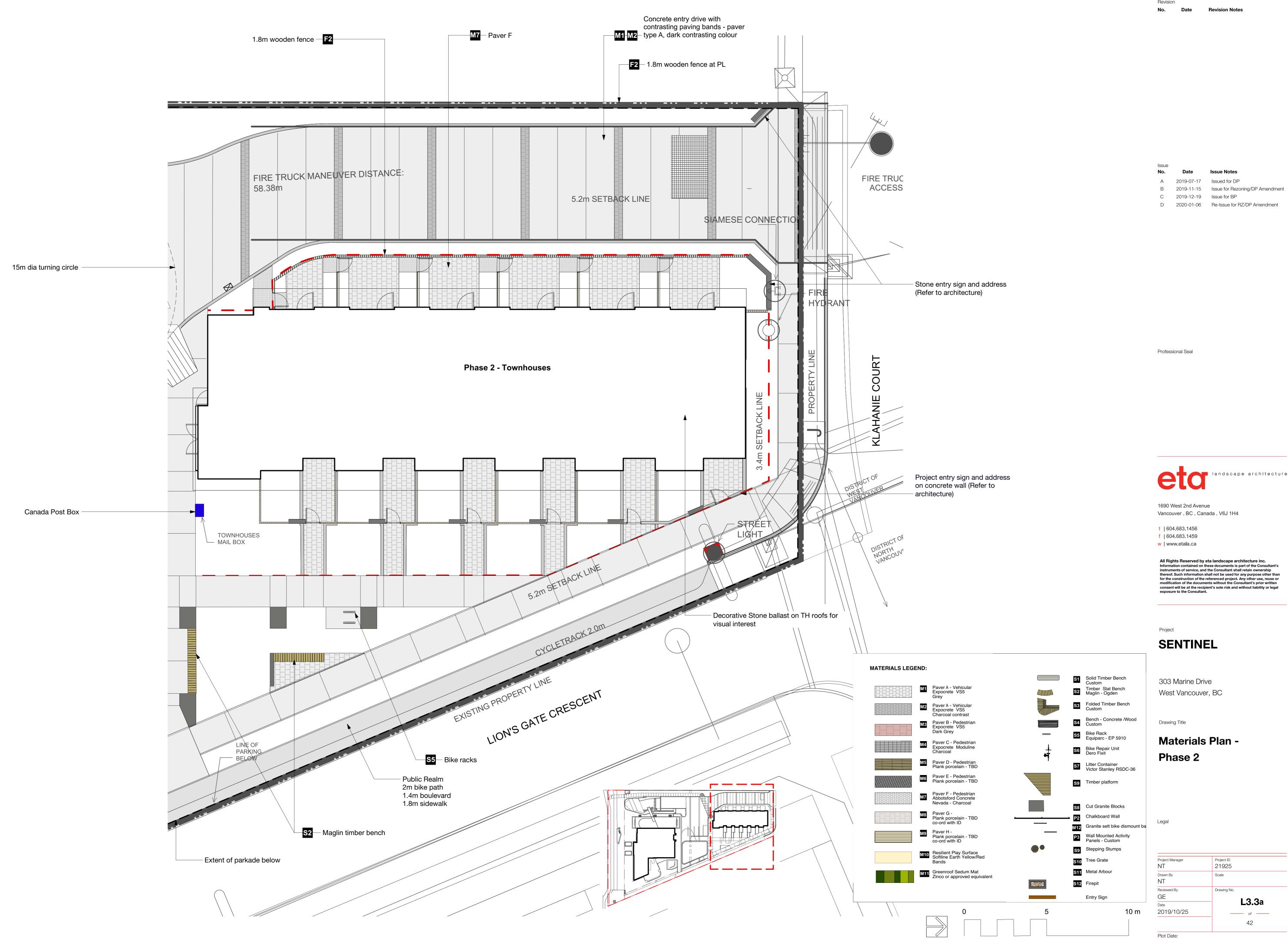
West Vancouver, BC

Drawing Title

Materials Plan -Ground East

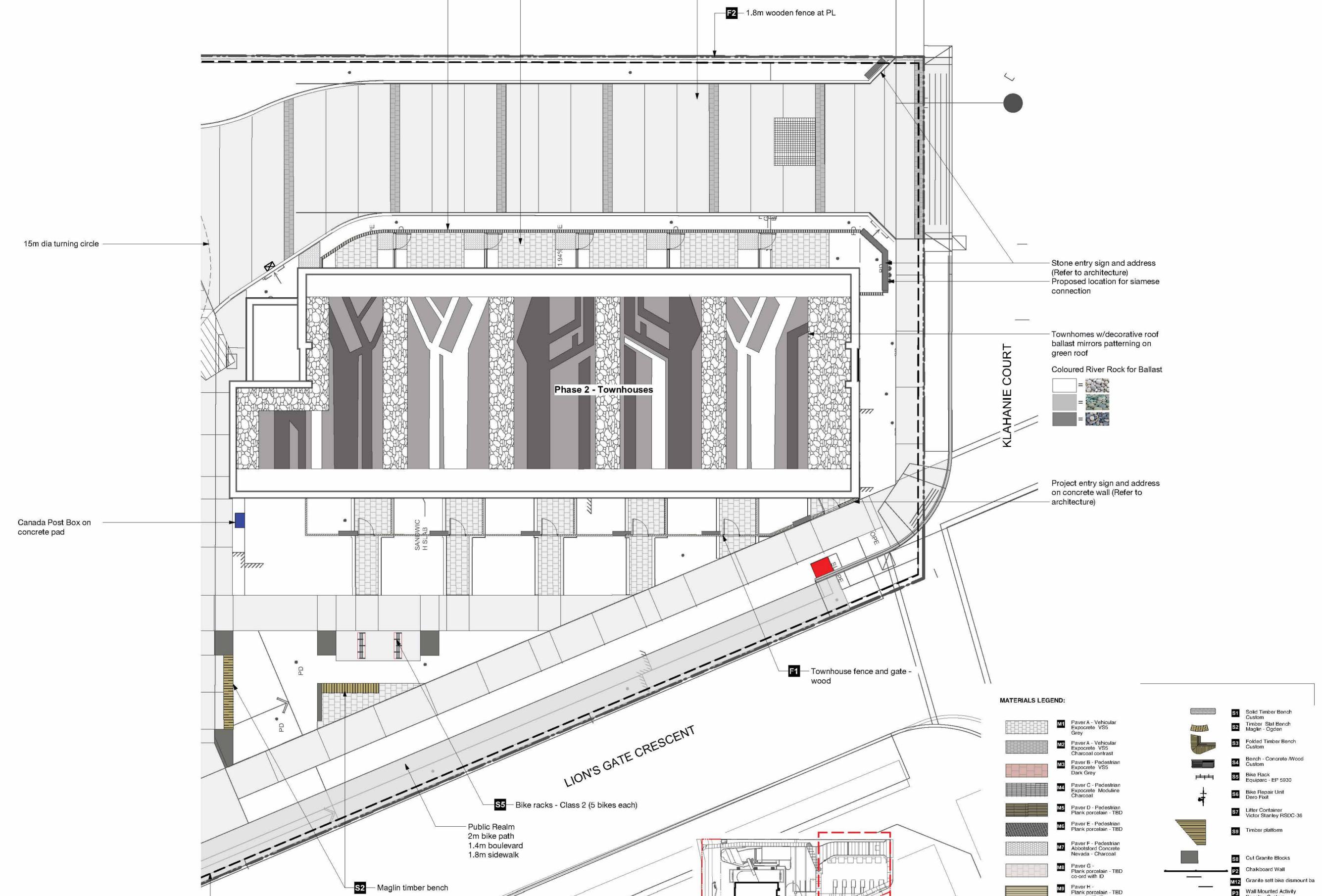
Legal

21925 303 Marine\_RZ/DPMA REV.vwx



1 | Scale: 1:100





**M7**— Paver F

1.8m wooden fence — F2—

Extent of parkade below

Concrete entry drive with contrasting paving bands - paver

M1

M2

type A, dark contrasting colour

2019-11-15 Issue for Rezoning/DP Amendment 2020-01-22 Issue for Excavation Permit D 2020-02-14 Issue for Pricing E 2020-02-14 Issue for Foundation Permit

F 2020-02-25 Issued for Review

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Project

## THE SENTINEL PHASE 1

200 Klahanie Court West Vancouver, BC

Drawing Title

Materials Plan -**North Roof Plan** 

P3 Wall Mounted Activity Panels - Custom

S9 Stepping Stumps

S10 Tree Grate

S11 Metal Arbour

Entry Sign

10 m

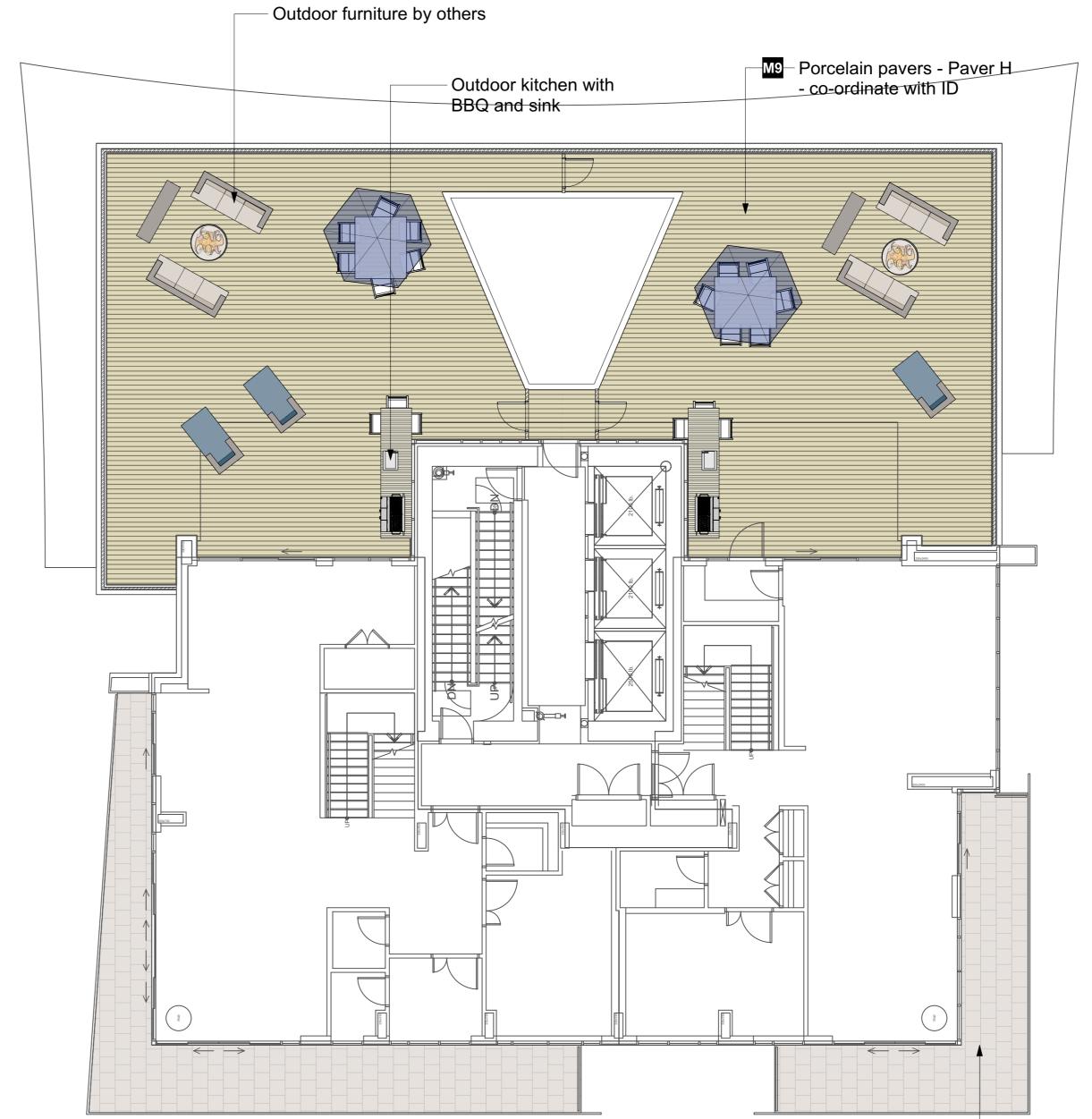
M10 Resilient Play Surface Softline Earth Yellow/Red

M11 Greenroof Sedum Mat Zinco or approved equivalent

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date	<b>L3.3</b> b
2019/10/25	of
	42

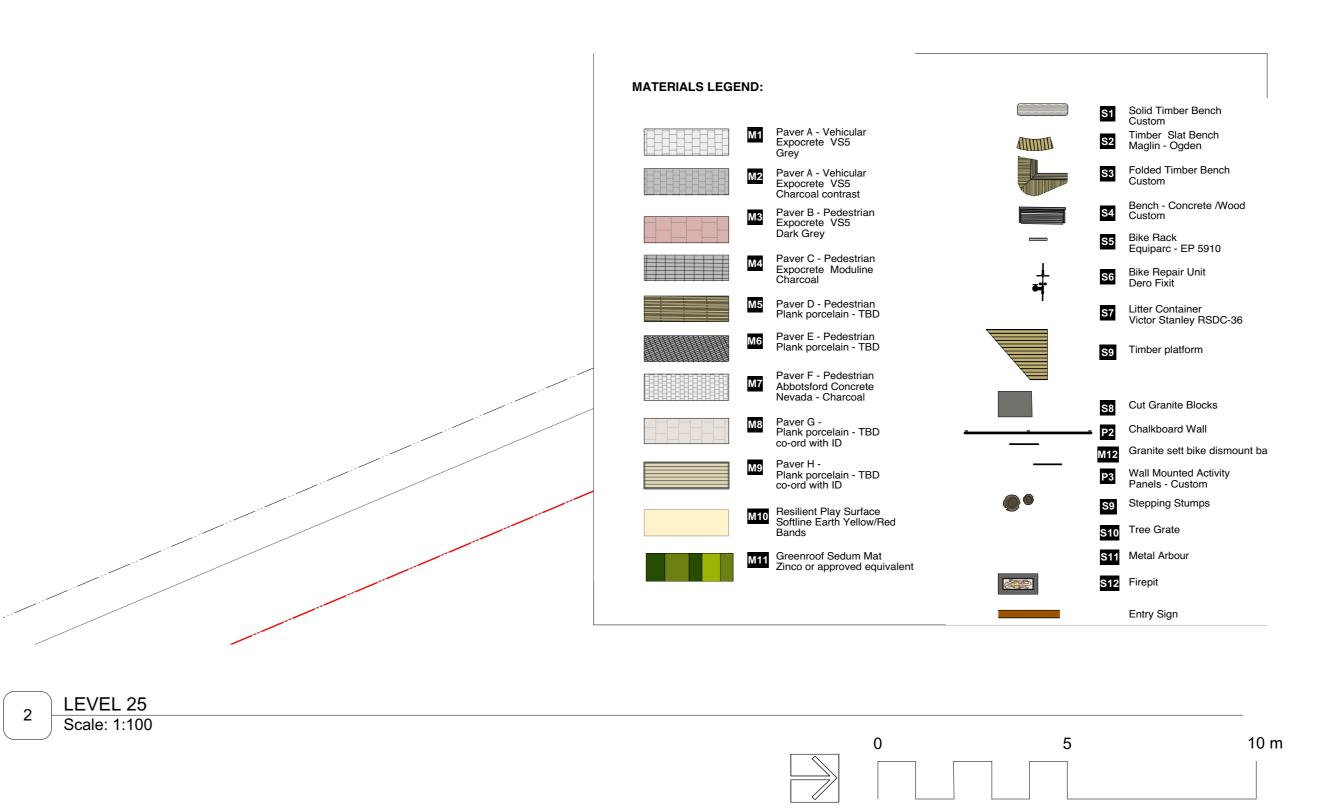
Plot Date: 20-2-27 21925 303 Marine\_BP.vwx





Porcelain pavers - Paver G

M8- - co-ordinate with ID



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303 Marine Drive West Vancouver, BC

Drawing Title

# Materials Plan Lev 3 & Lev 26

Legal

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Reviewed By GE	Drawing No.
<sup>Date</sup> 2019/10/25	<b>L3.4</b> — of —
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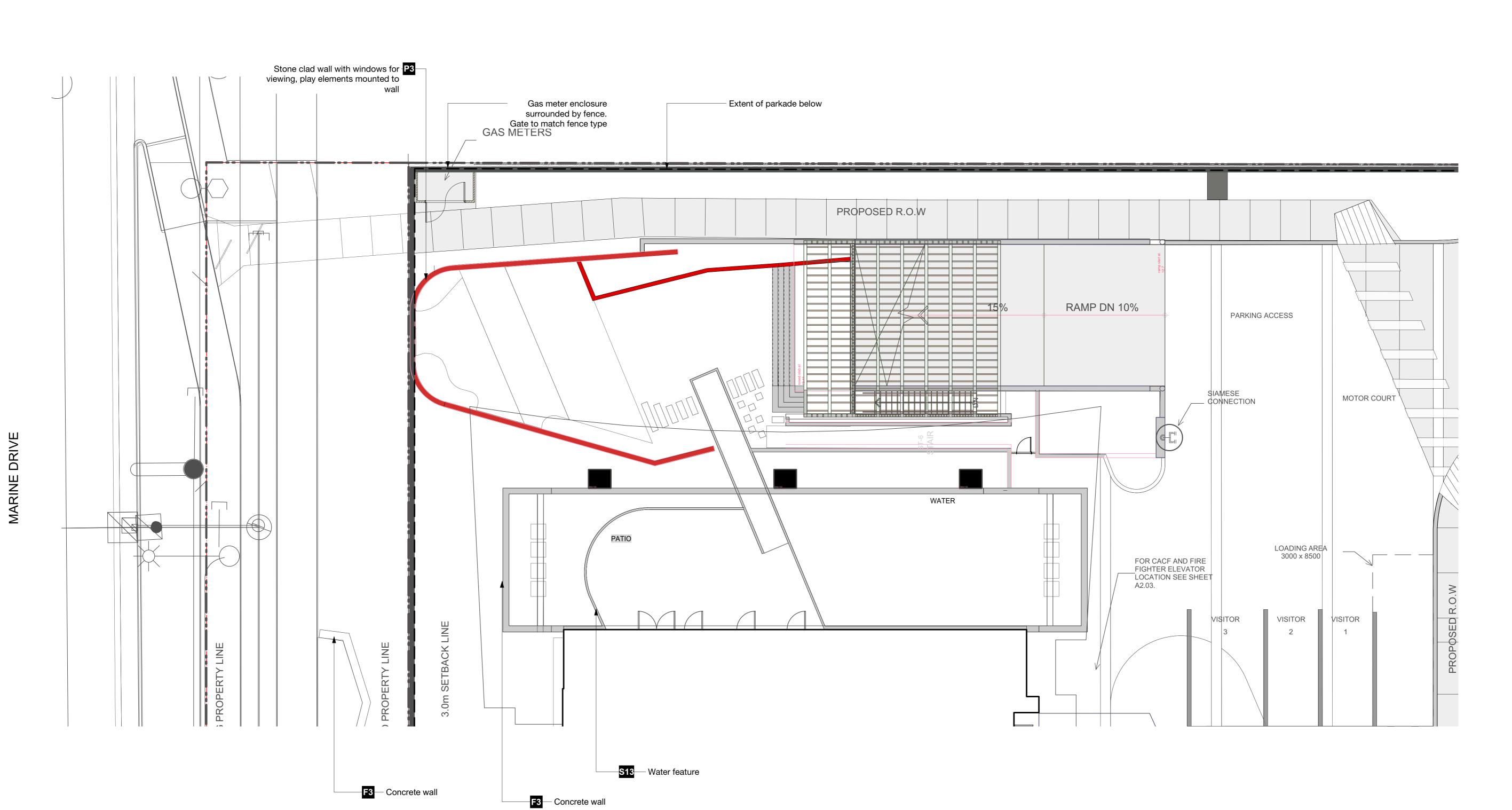
303 Marine Drive West Vancouver, BC

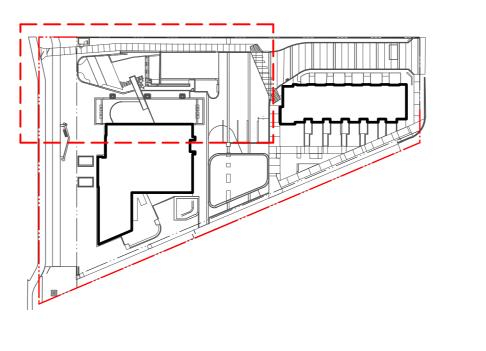
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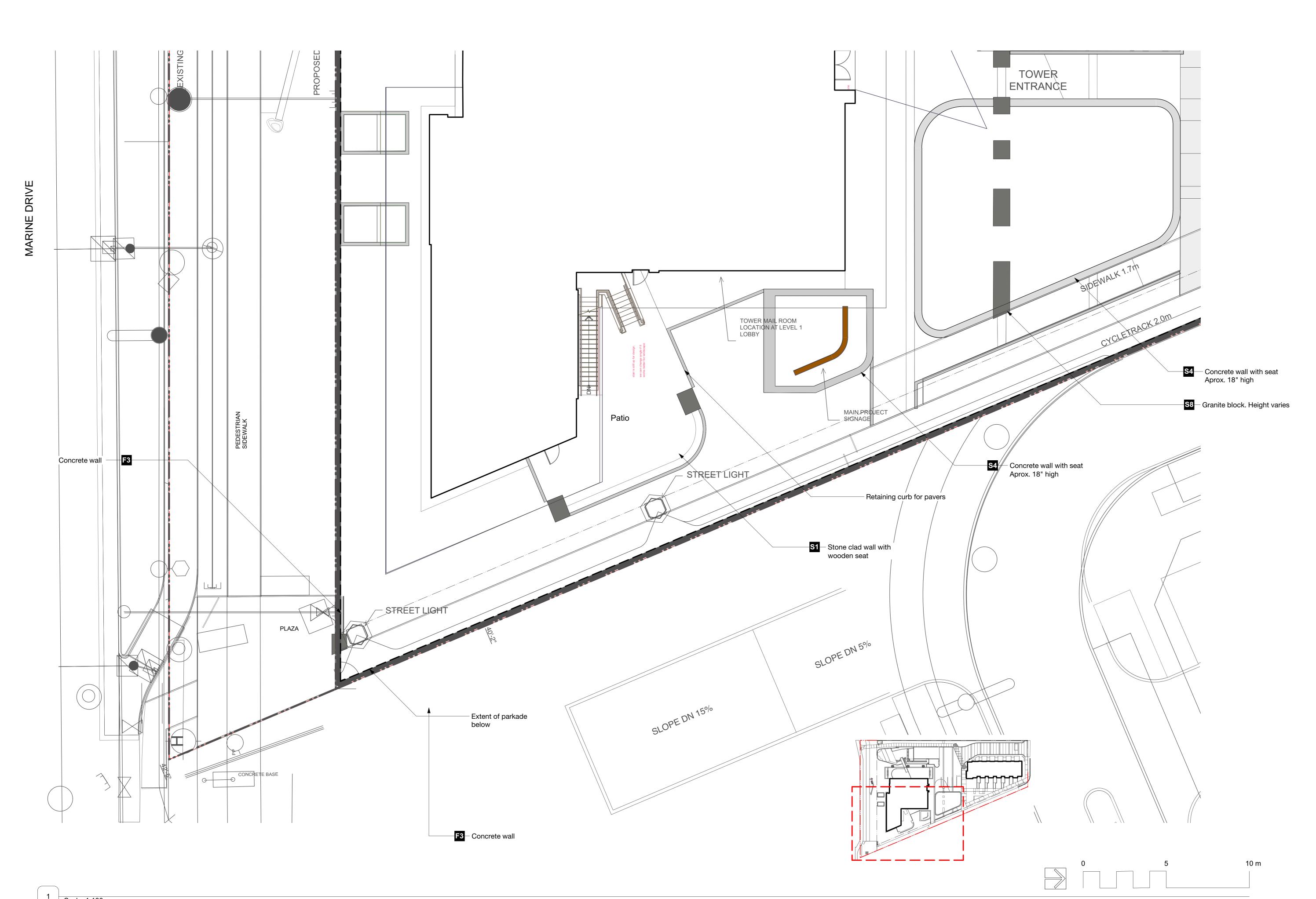
# Fence and Wall Plan - Ground West

l egal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L4.1
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Issue
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Project

**SENTINEL** 

303 Marine Drive

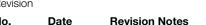
West Vancouver, BC

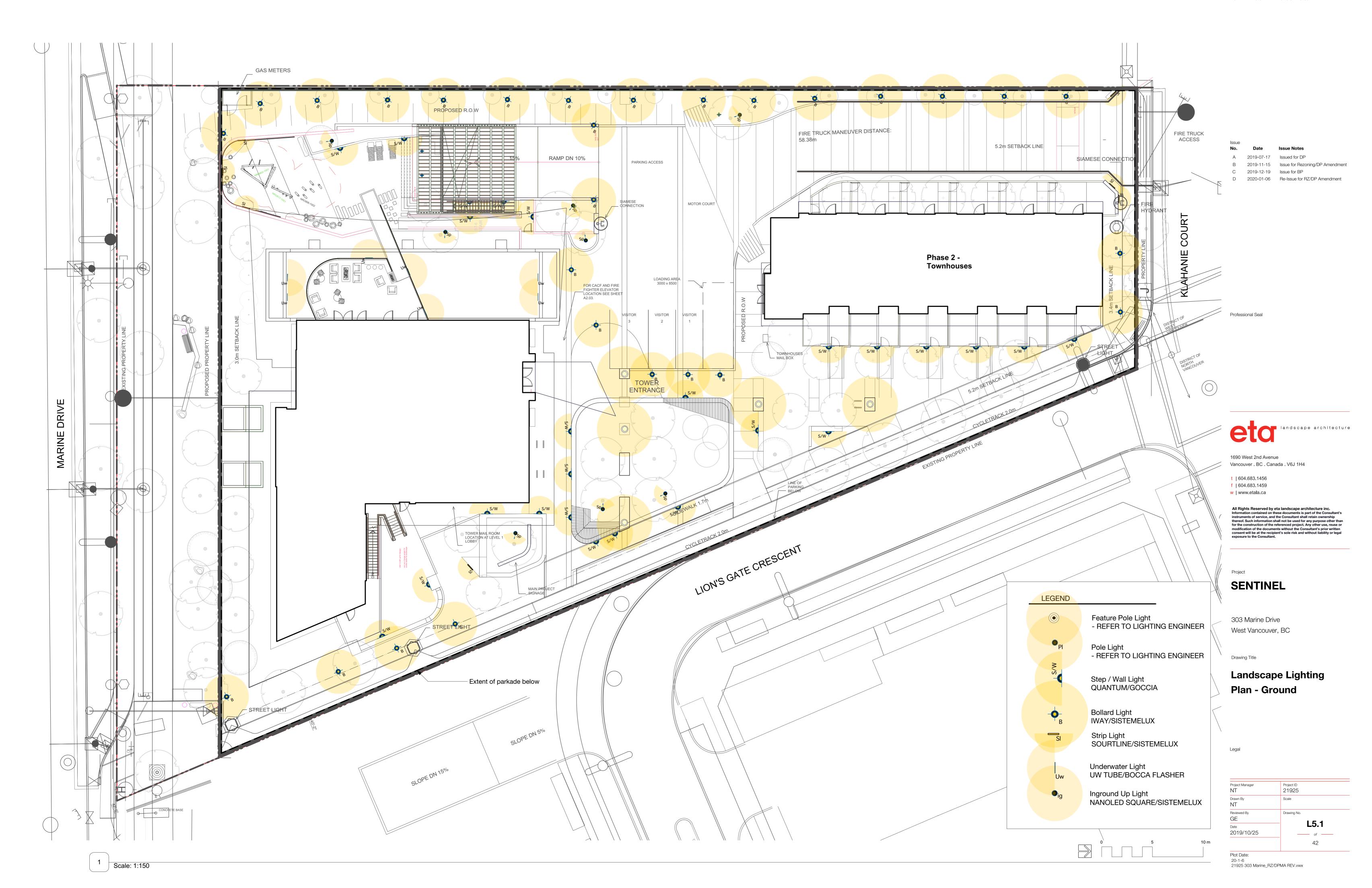
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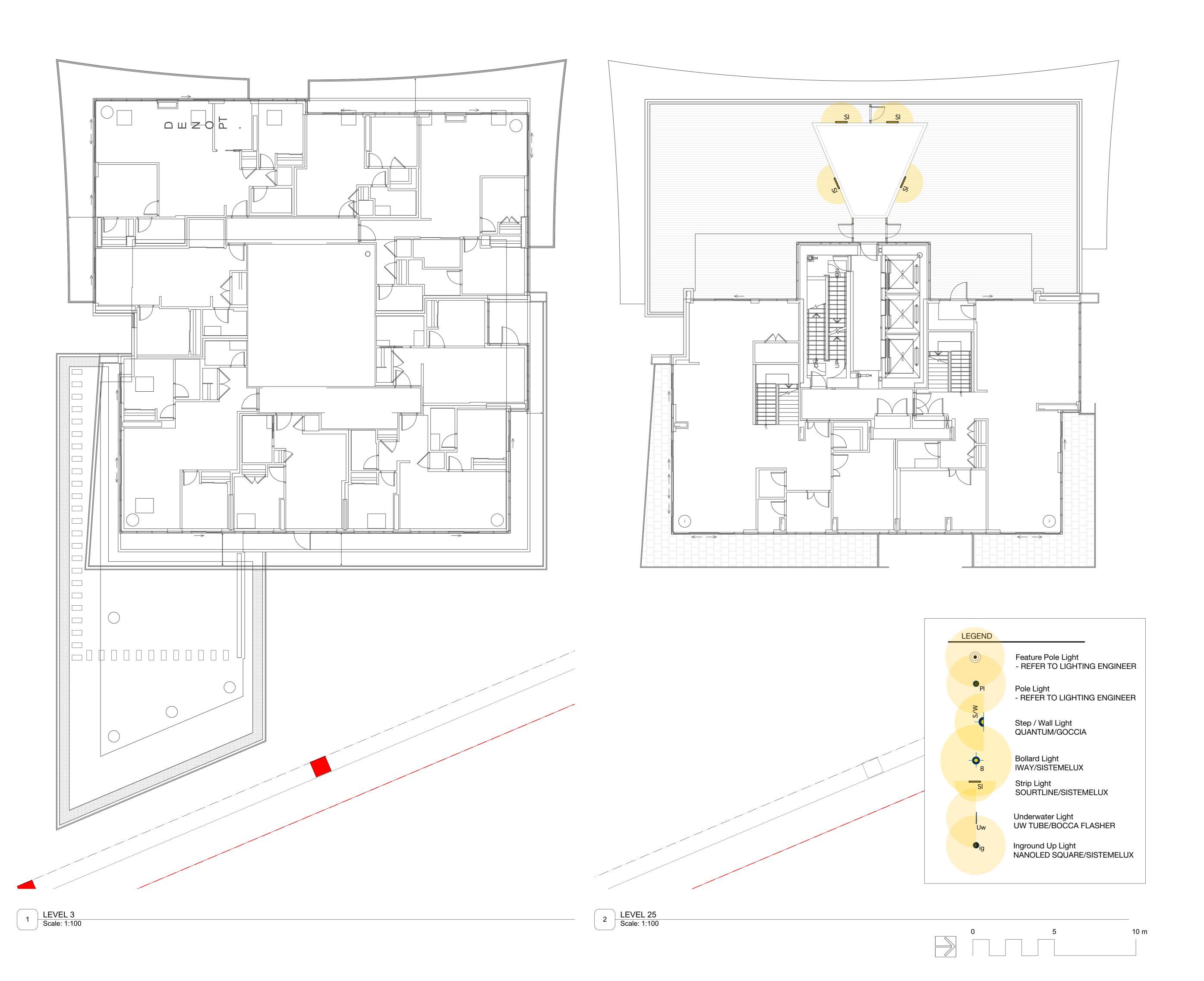
Fence and Wall Plan - Ground East

Lega

Project Manager NT	Project ID 21925
Drawn By	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L4.2
	42







Revision

sue o. Date Issue Notes

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# **SENTINEL**

303 Marine Drive West Vancouver, BC

Drawing Title

# Landscape Lighting Lev 3 & Lev 26

Legal

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Reviewed By GE	Drawing No.
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	42

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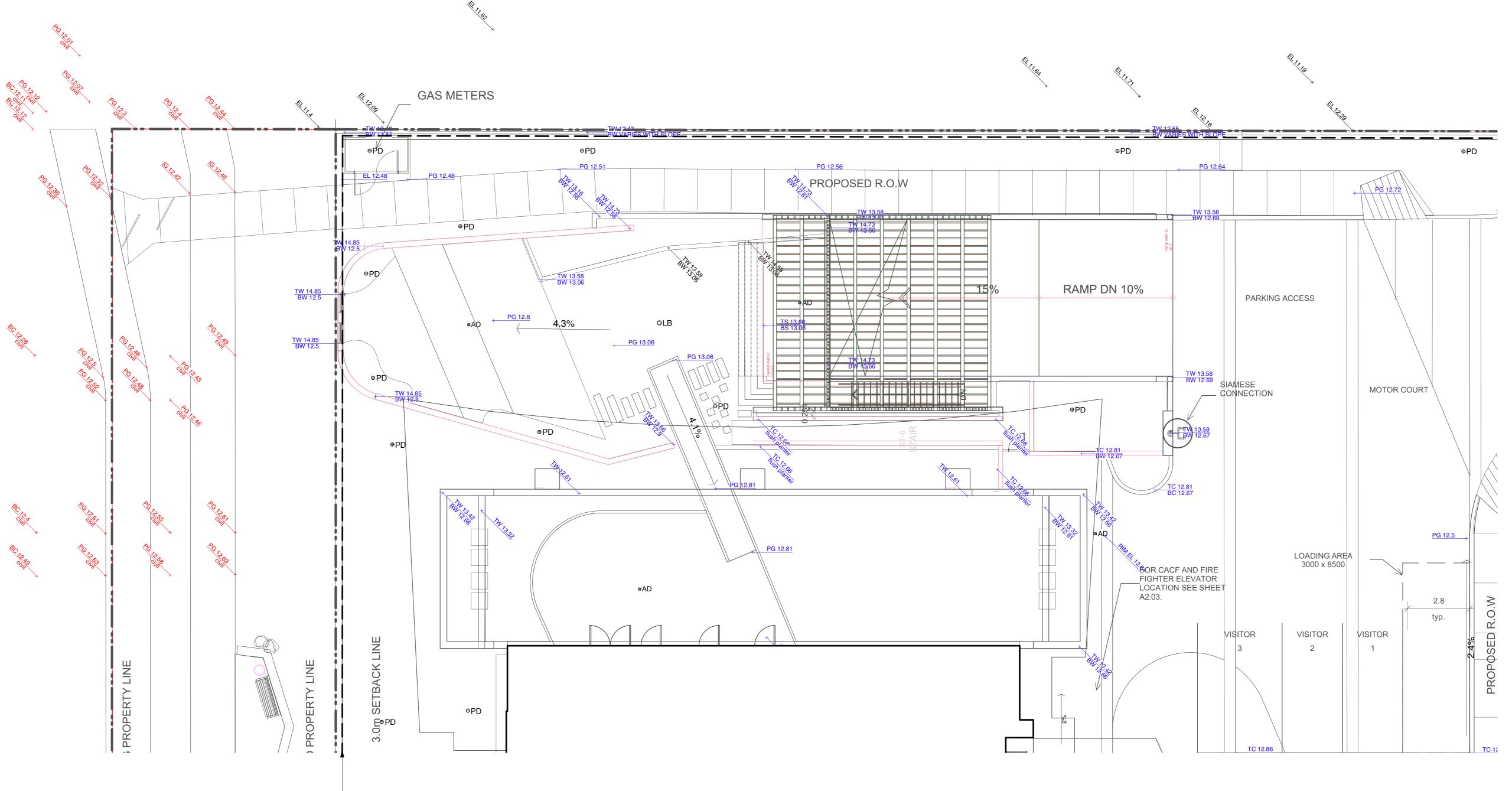
Drawing Title

# **Grading and Drainage -Ground West**

Legal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L6.1
	42

Plot Date: 20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx



Extent of parkade below

# LANDSCAPE GRADING & DRAINAGE LEGEND:

Top of wall
Bottom of wall TC 0
BW 0
HP 0
High point

olb Lawn Basin

⊕PD Planter Drain TD Trench Drain

Note: Additional slab area drains to be coordinated with architects/mechanical

\_\_\_\_\_

MARINE DRIVE

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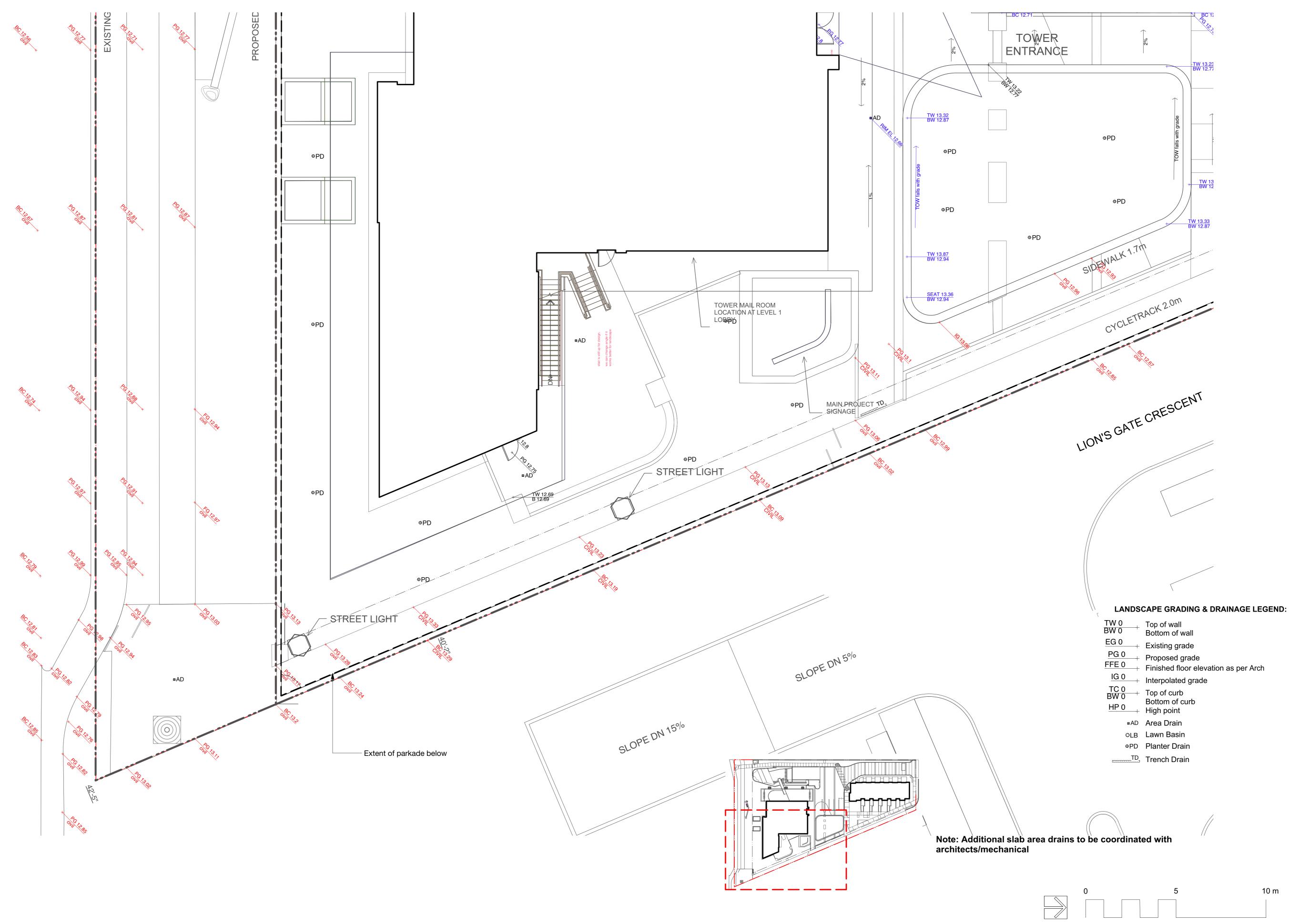
# SENTINEL

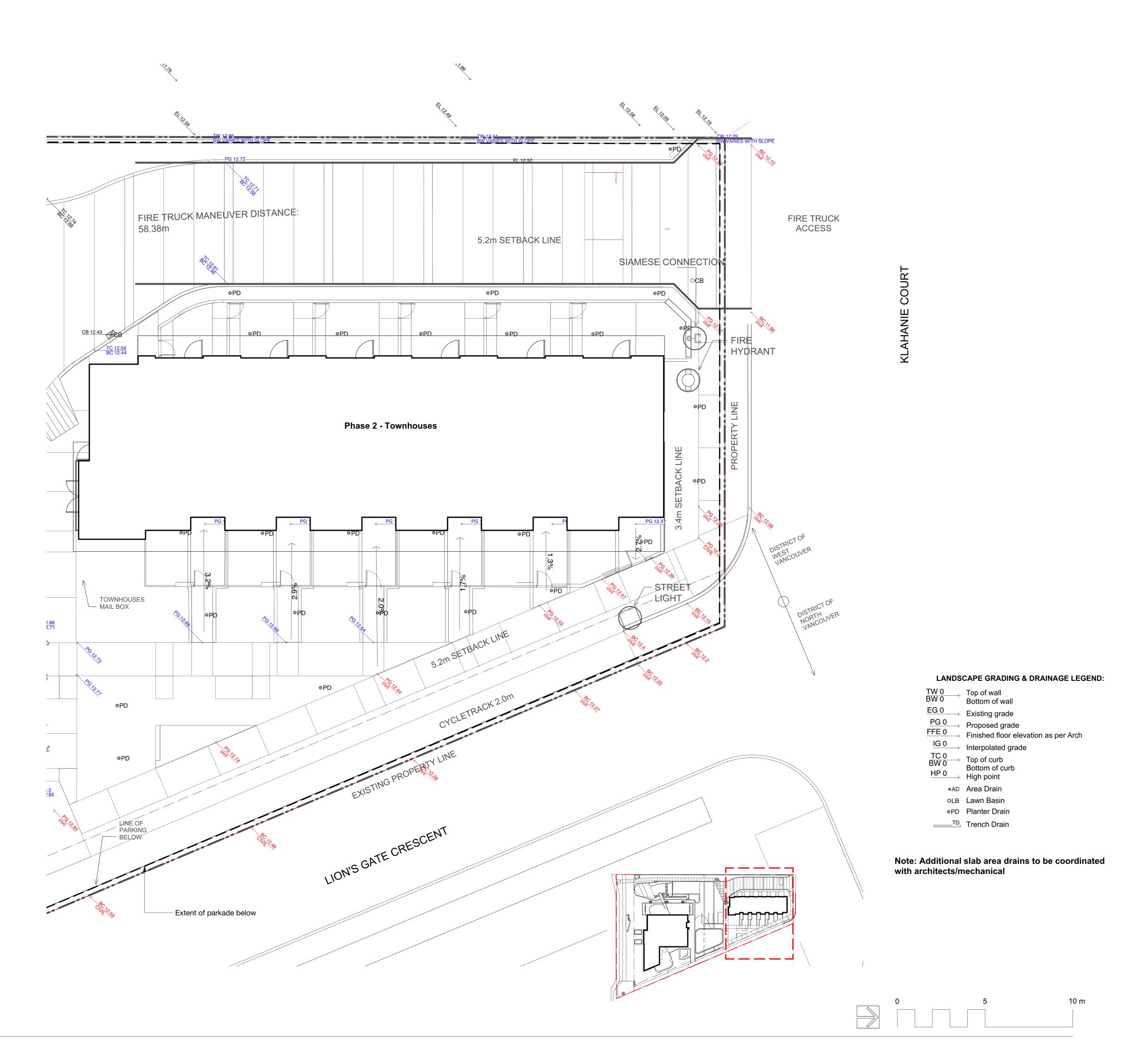
303 Marine Drive West Vancouver, BC

Drawing Title

# **Grading and Drainage -Ground East**

21925 Drawn By GE
Date
2019/10/25 L6.2 \_\_\_\_ of \_\_\_\_ 42





B 2019-11-15 Issue for Rezoning/DP Amendment

C 2019-12-19 Issue for BP D 2020-01-06 Re-Issue for RZ/DP Amendment

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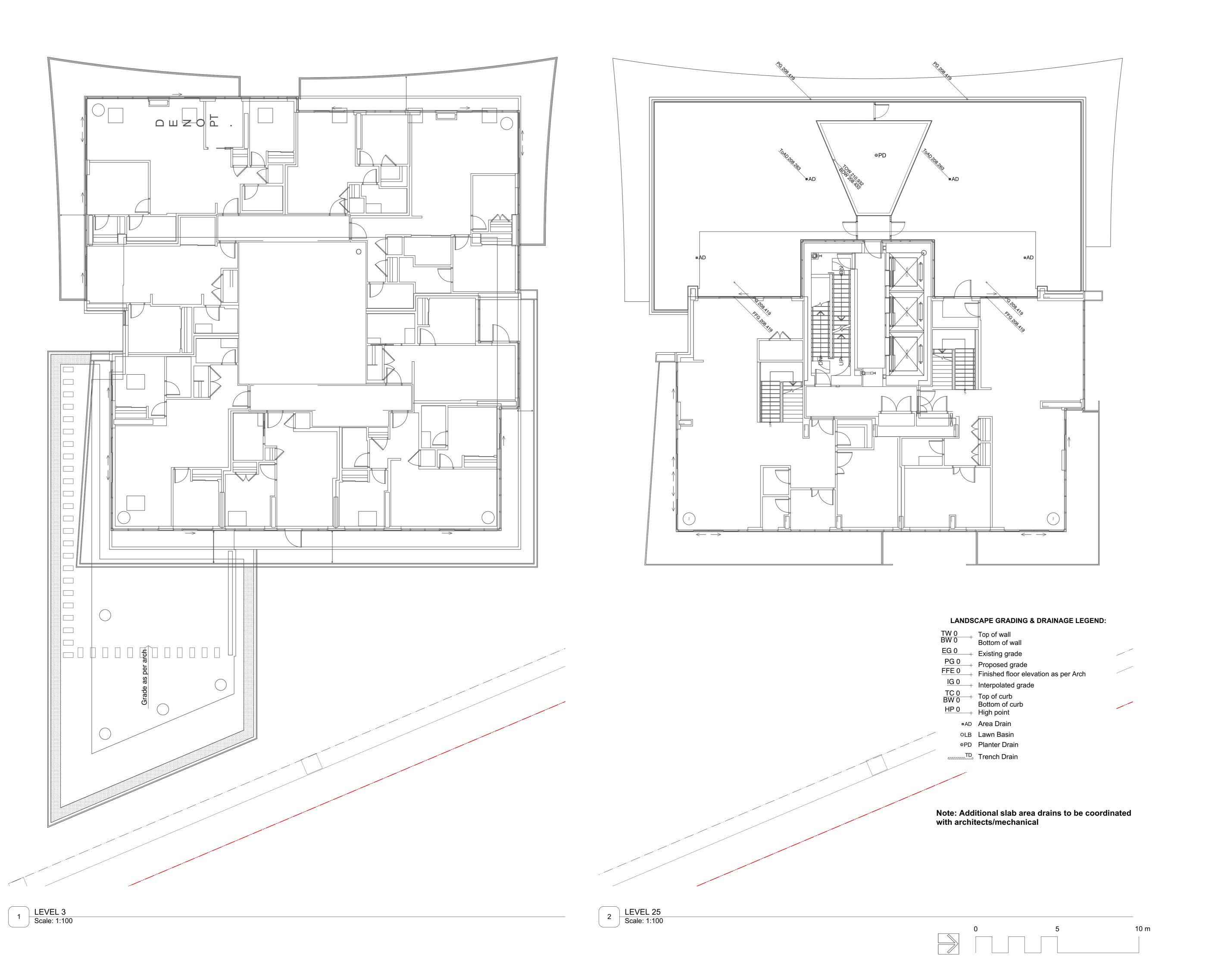
**SENTINEL** 

303 Marine Drive West Vancouver, BC

Drawing Title

**Grading and Drainage -**Phase 2

Project ID 21925 GE L6.3 2019/10/25 Plot Date: 20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx



Revision

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lssue **No. Date Issue Not** 

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**SENTINEL** 

303 Marine Drive

West Vancouver, BC

Drawing Title

Grading and Drainage Lev 3 & Lev 26

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Project Manager
NT
21925

Drawn By
NT

Reviewed By
GE
Date
2019/10/25

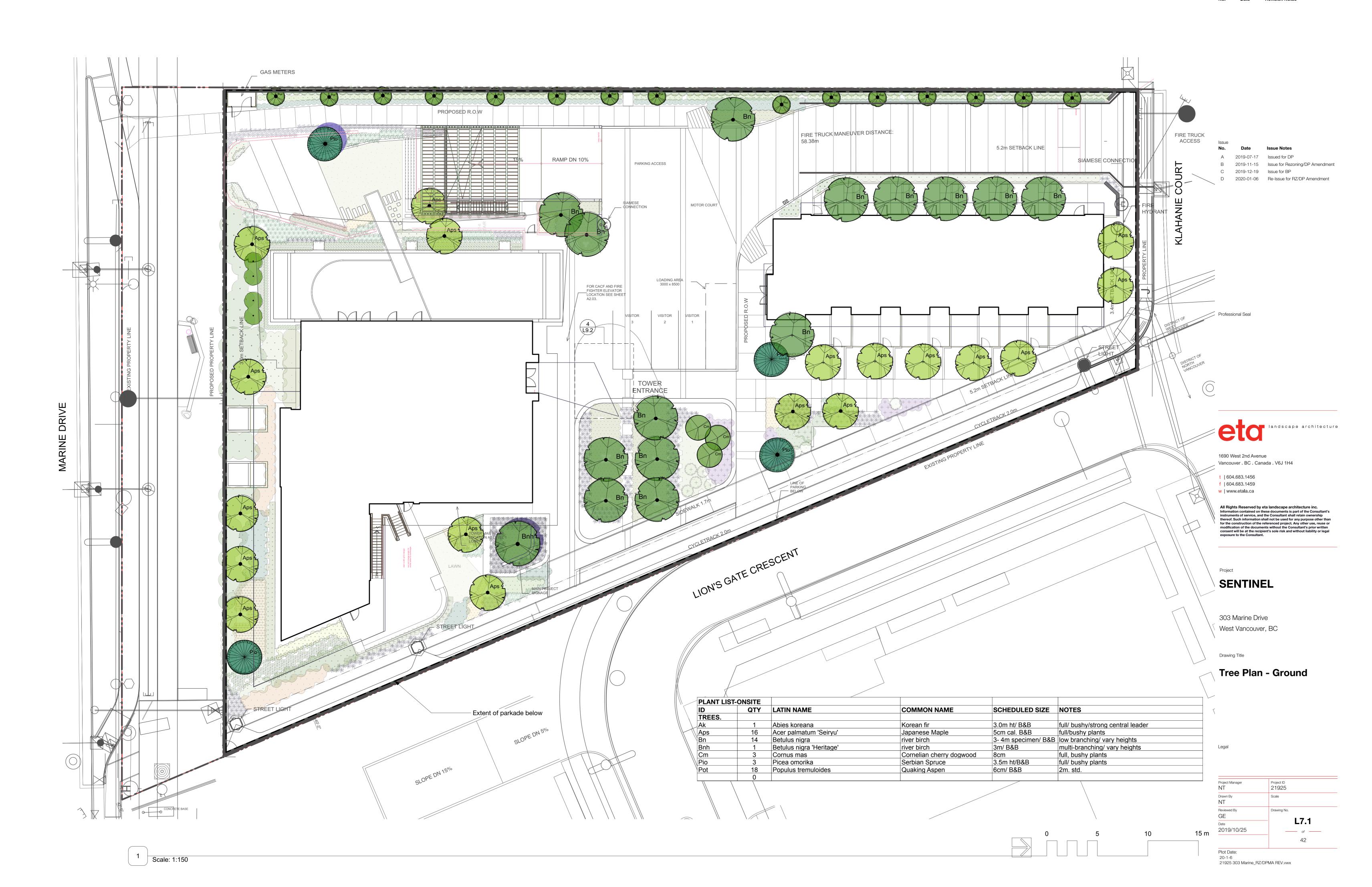
Project ID
21925

Scale

Drawing No.

L6.4

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Date Revision Notes

No. Date Issue Notes

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303 Marine Drive West Vancouver, BC

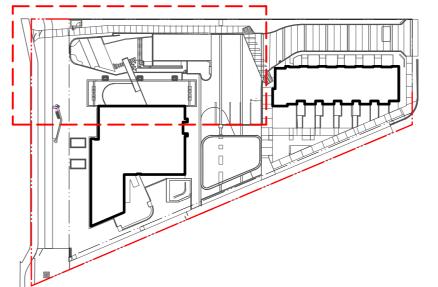
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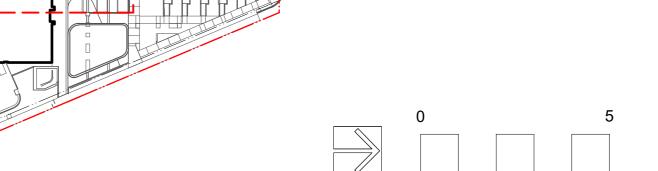
# Planting Plan - Ground West

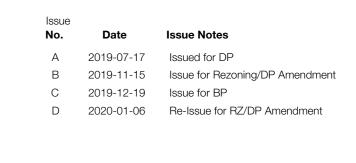
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303 Marine Drive West Vancouver, BC

Drawing Title

# Planting Plan -Ground East

Legal

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Orawn By NT	Scale
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Date 2019/10/25	<b>L7.3</b> — of —— 42





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303 Marine Drive West Vancouver, BC

Drawing Title

Planting Plan - Phase 2

Logo

Project Manager
NT
21925

Drawn By
NT

Reviewed By
GE
Date
2019/10/25

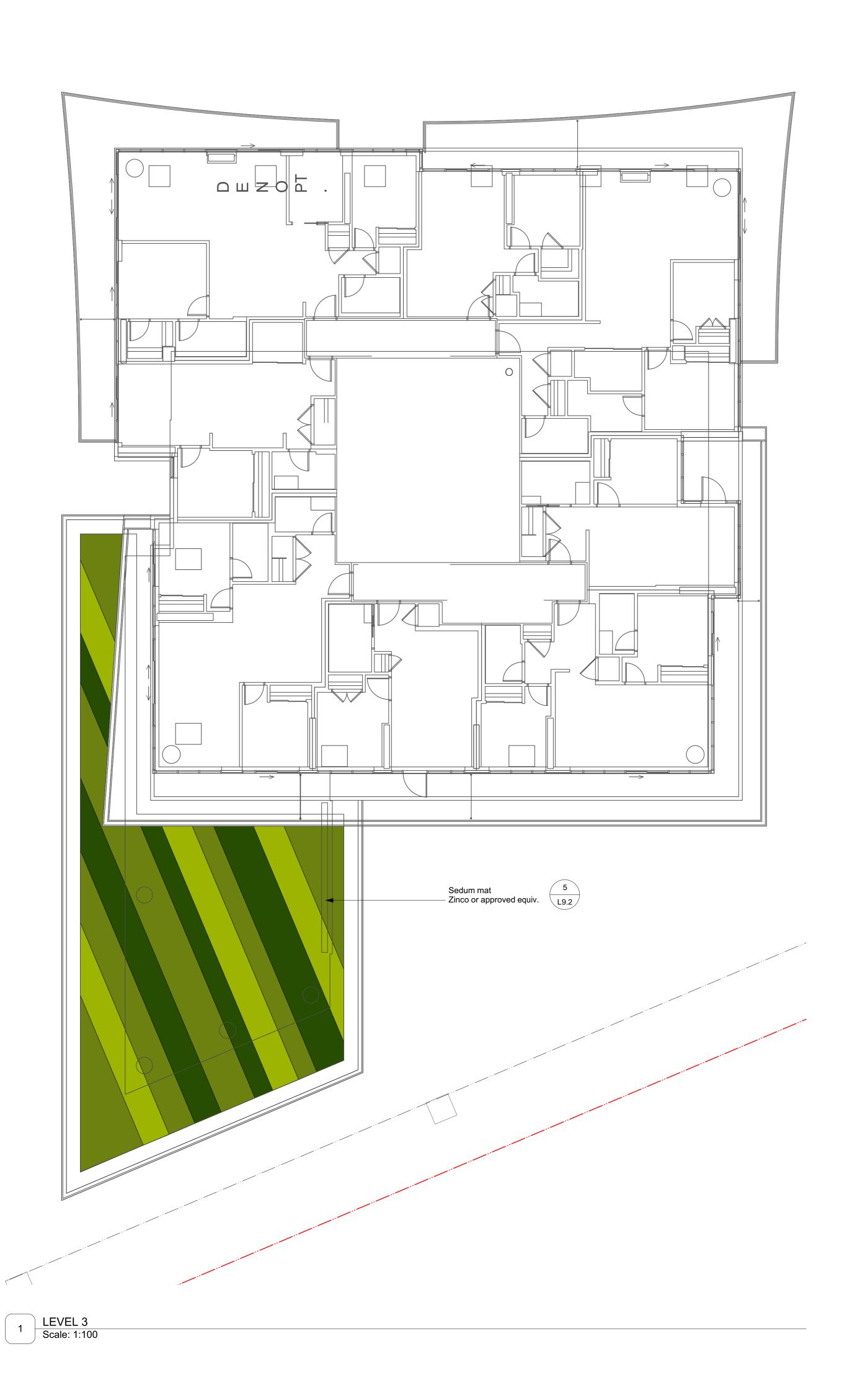
Project ID
21925

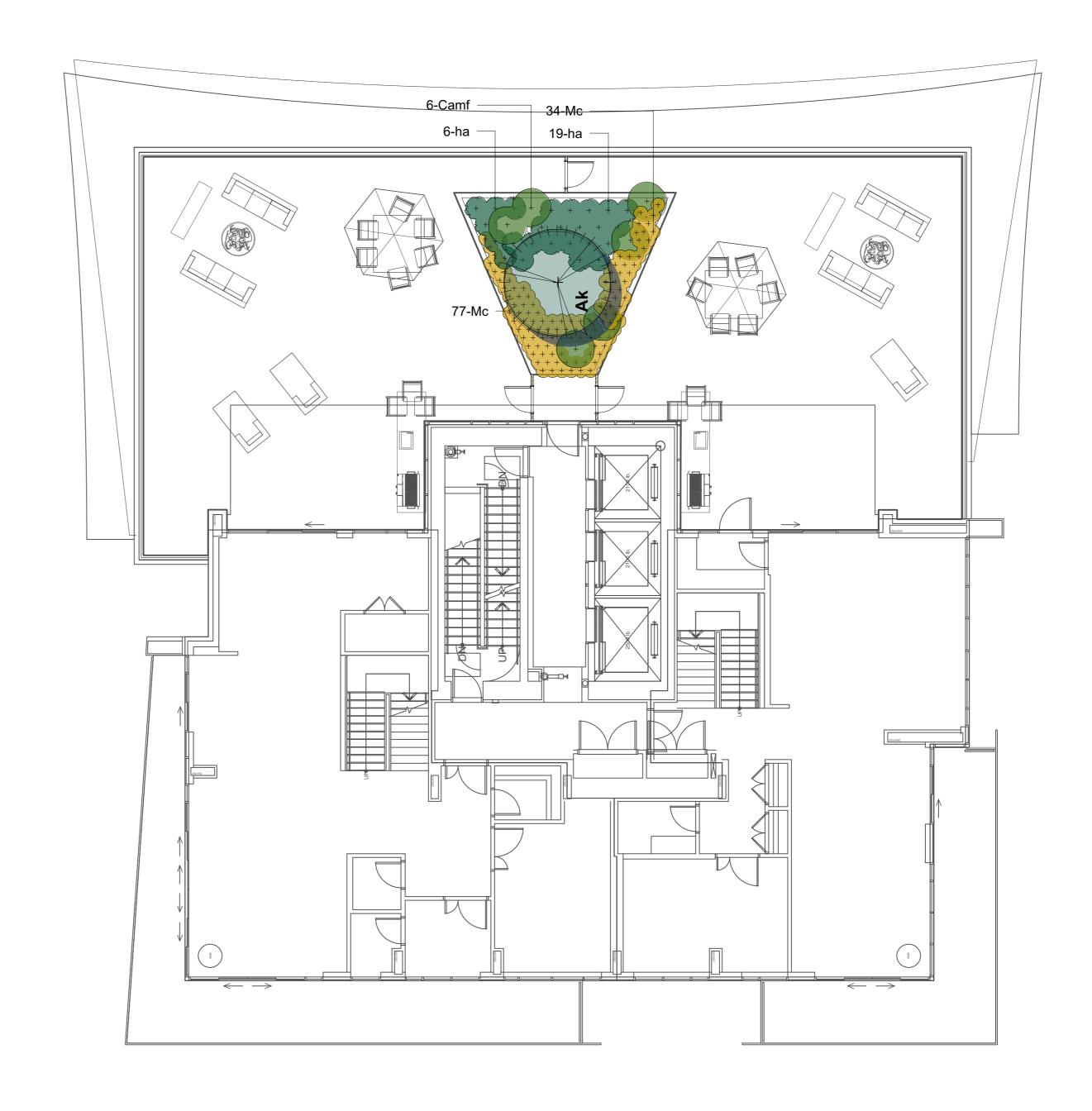
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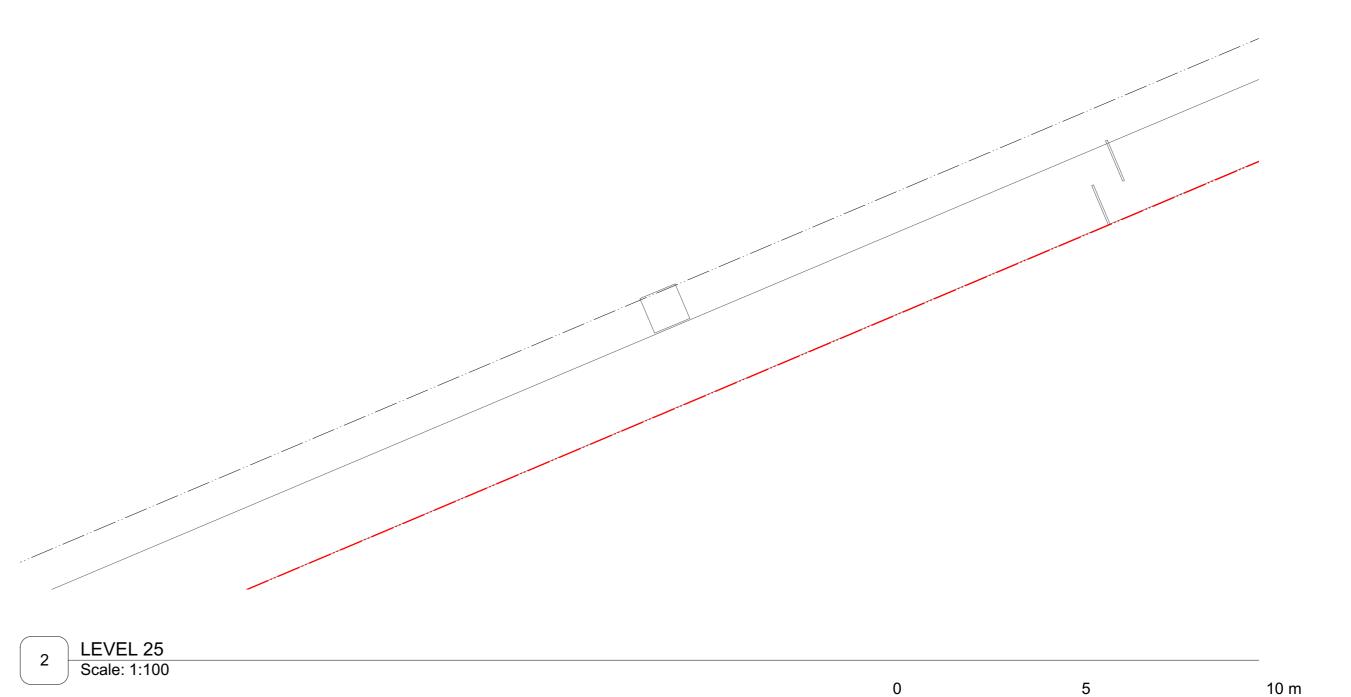
Drawing No.

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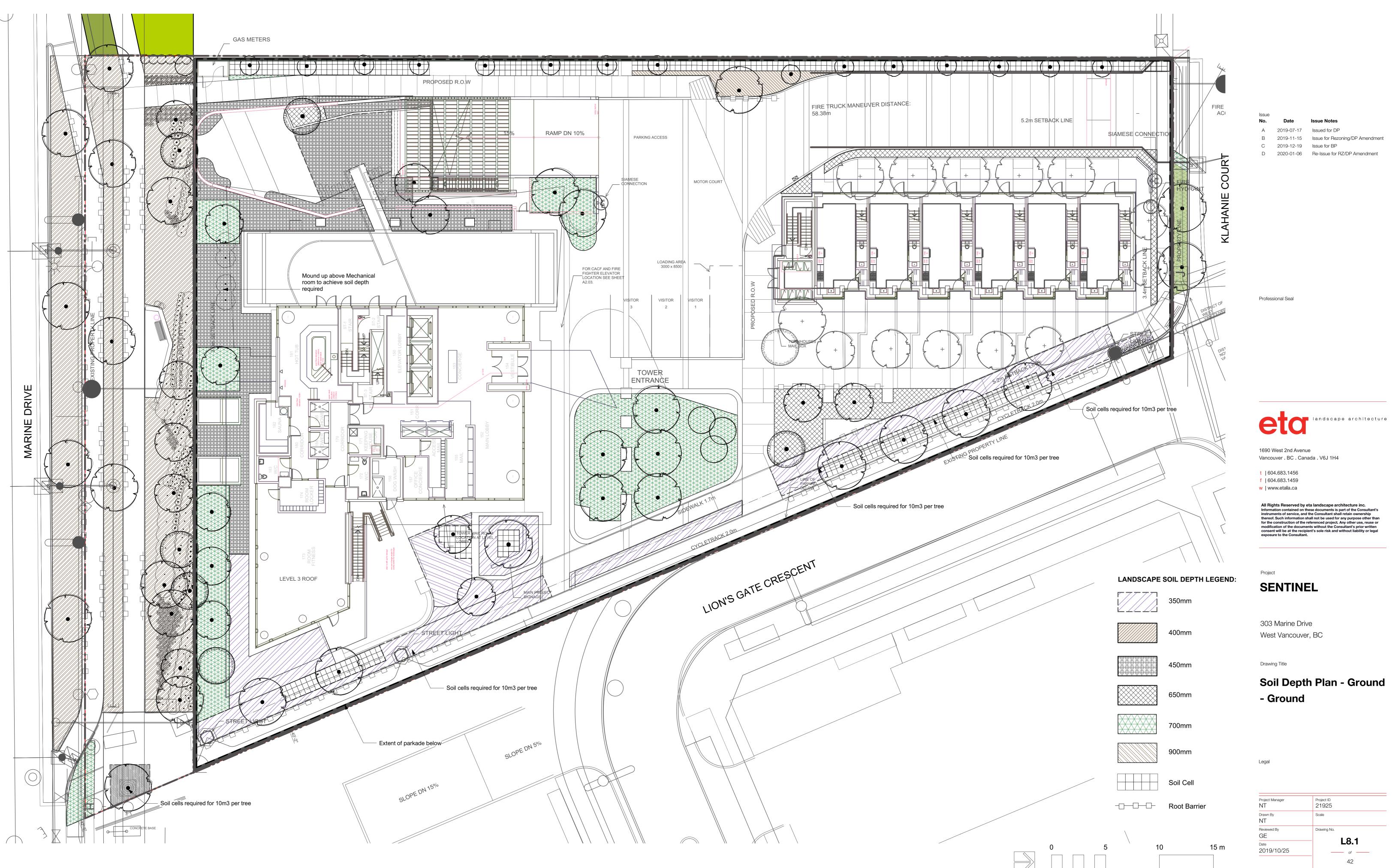
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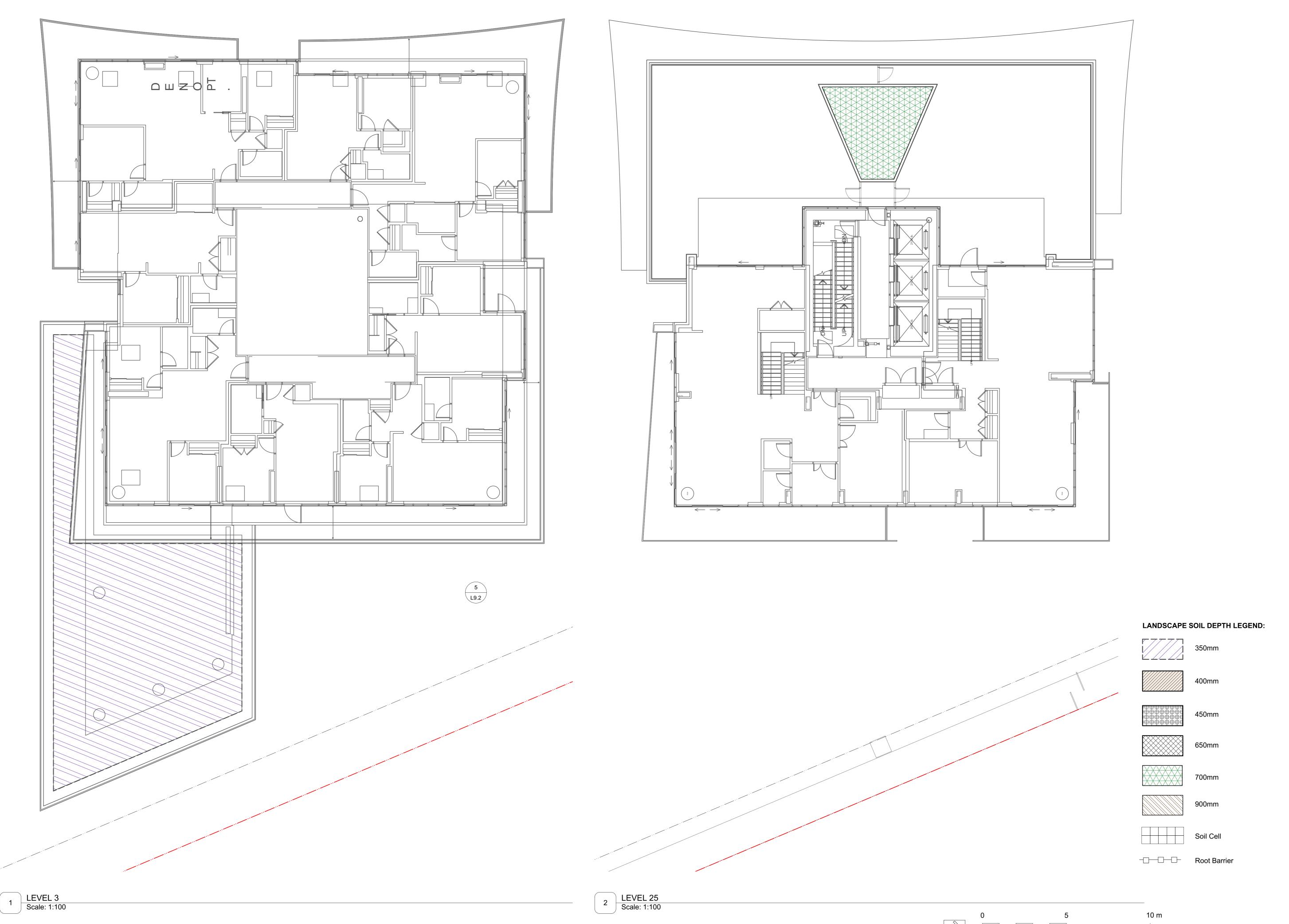
Planting Plan Lev 3 & Lev 26

Legal



Plot Date: 20-1-6

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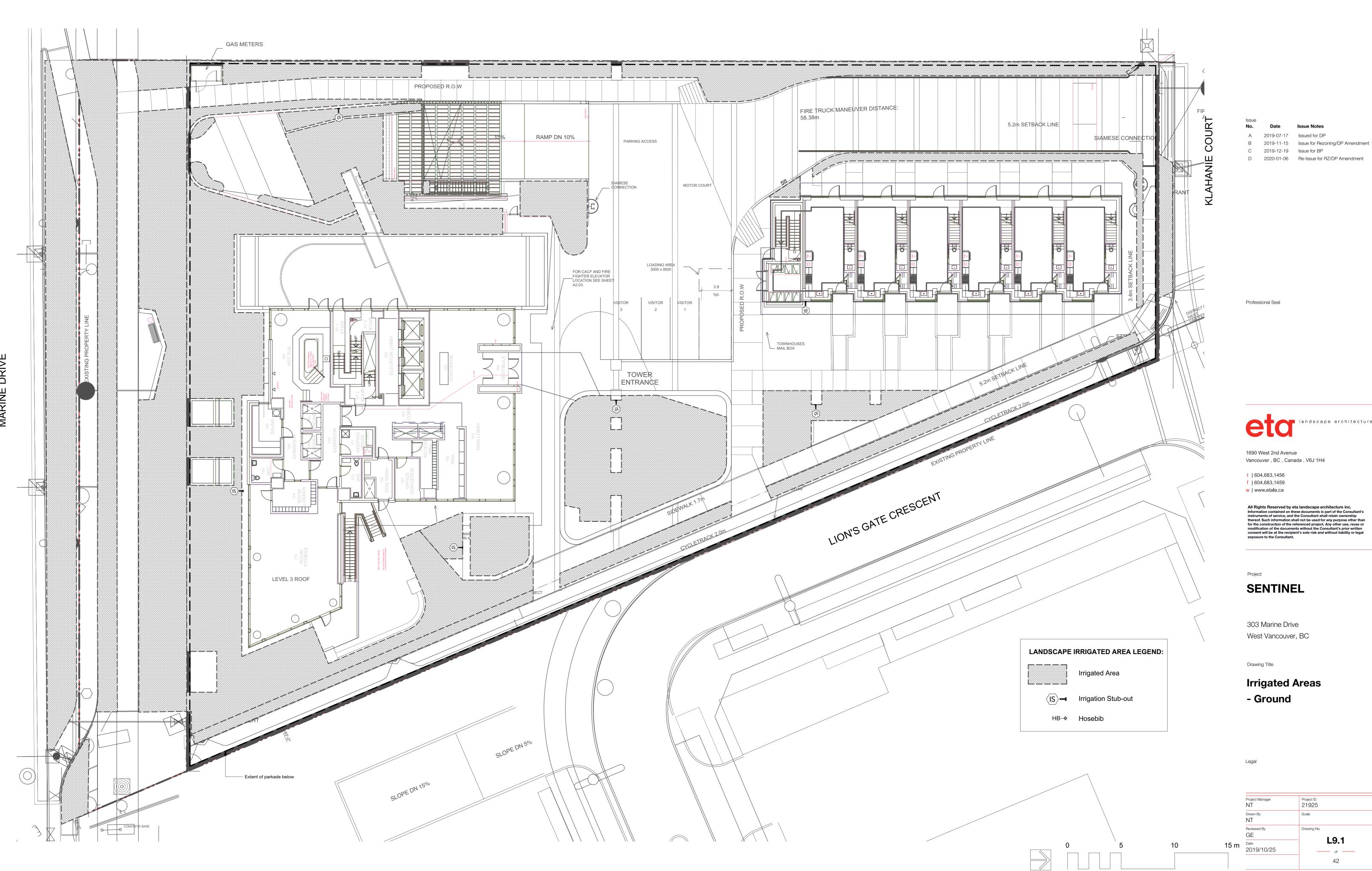
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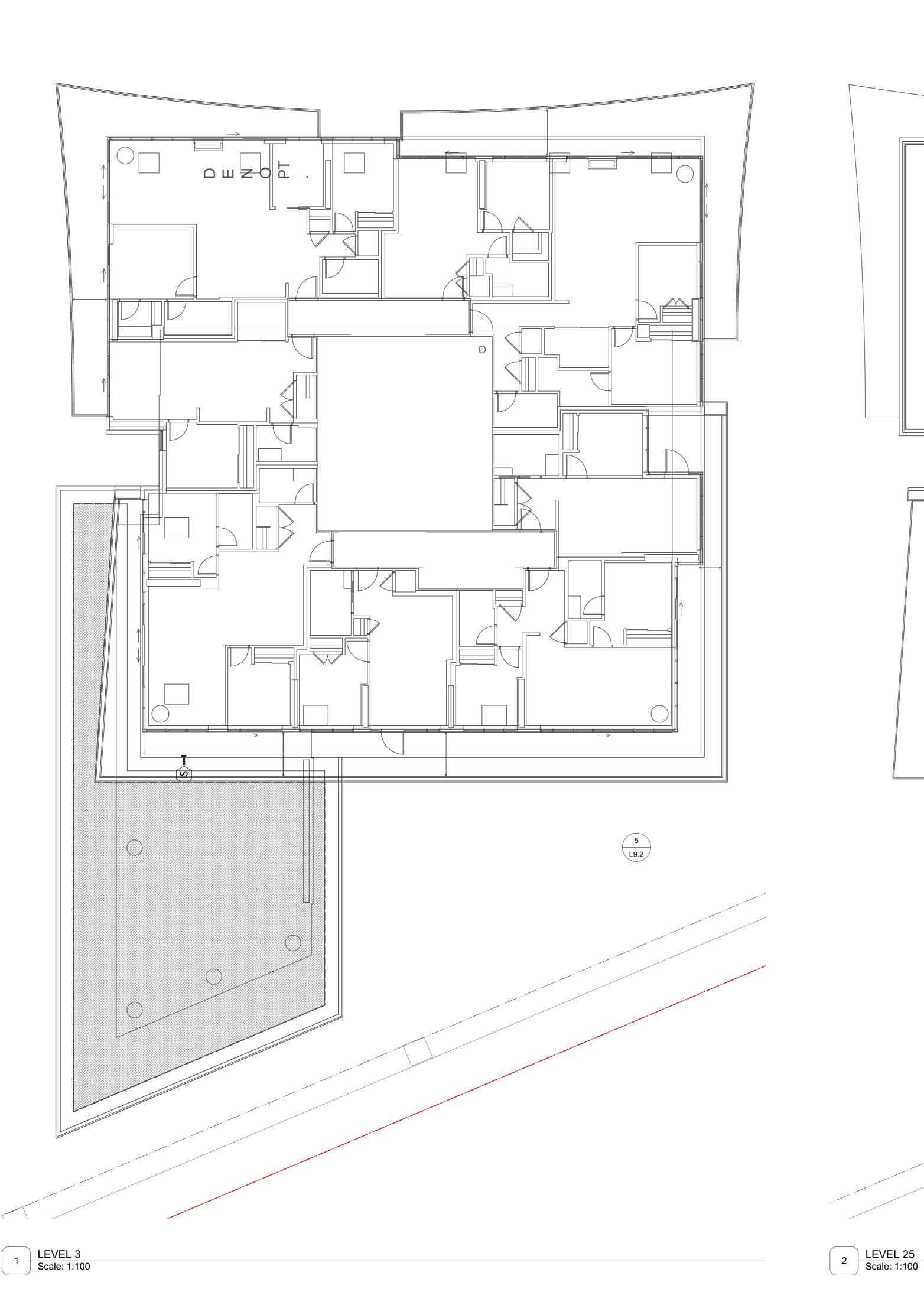
303 Marine Drive West Vancouver, BC

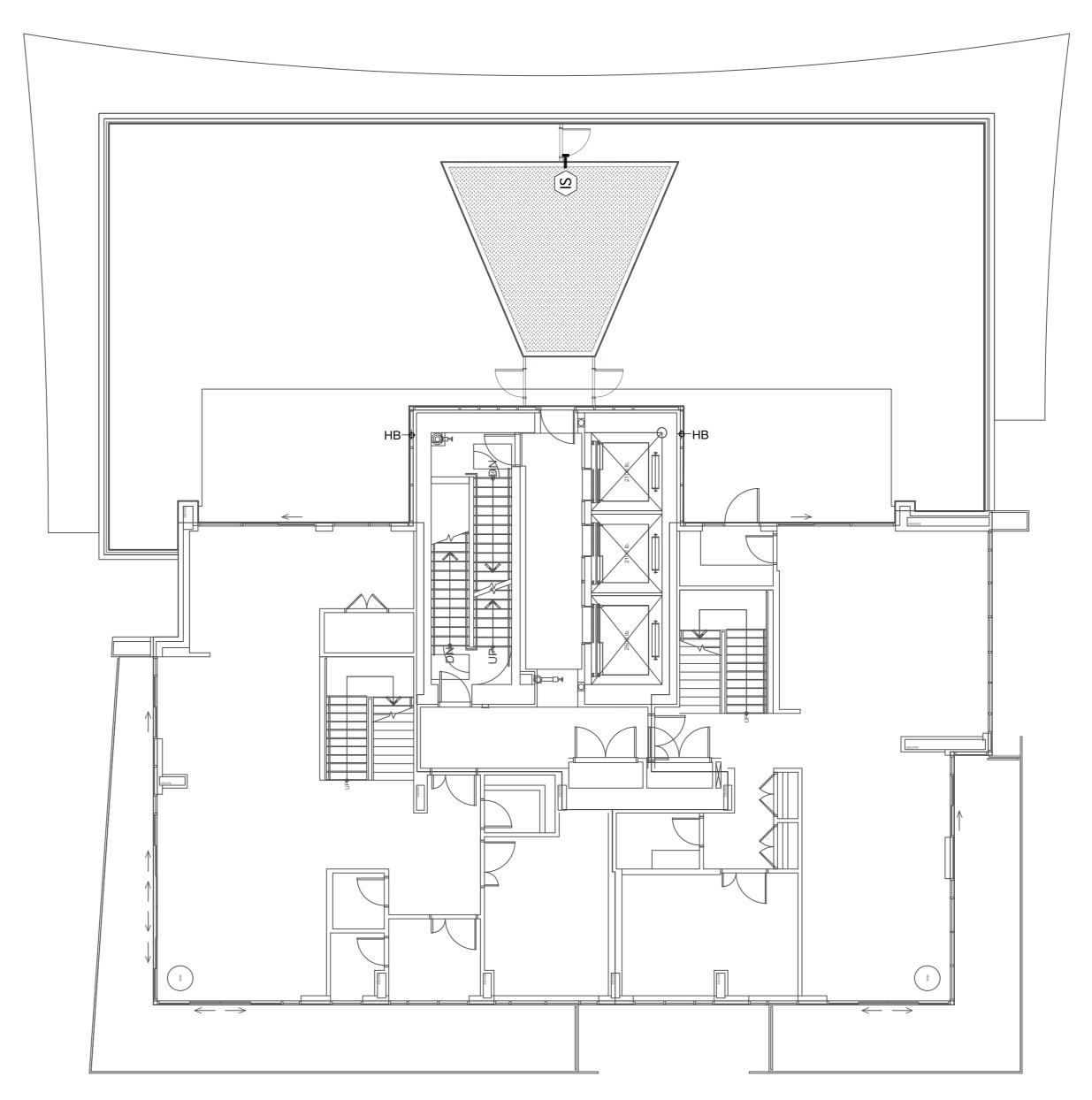
Drawing Title

Soil Depth Plan Lev 3 & Lev 26

Legal







### LANDSCAPE IRRIGATED AREA LEGEND:



Irrigated Area

⟨IS⟩ ■ Irrigation Stub-out

HB→ Hosebib

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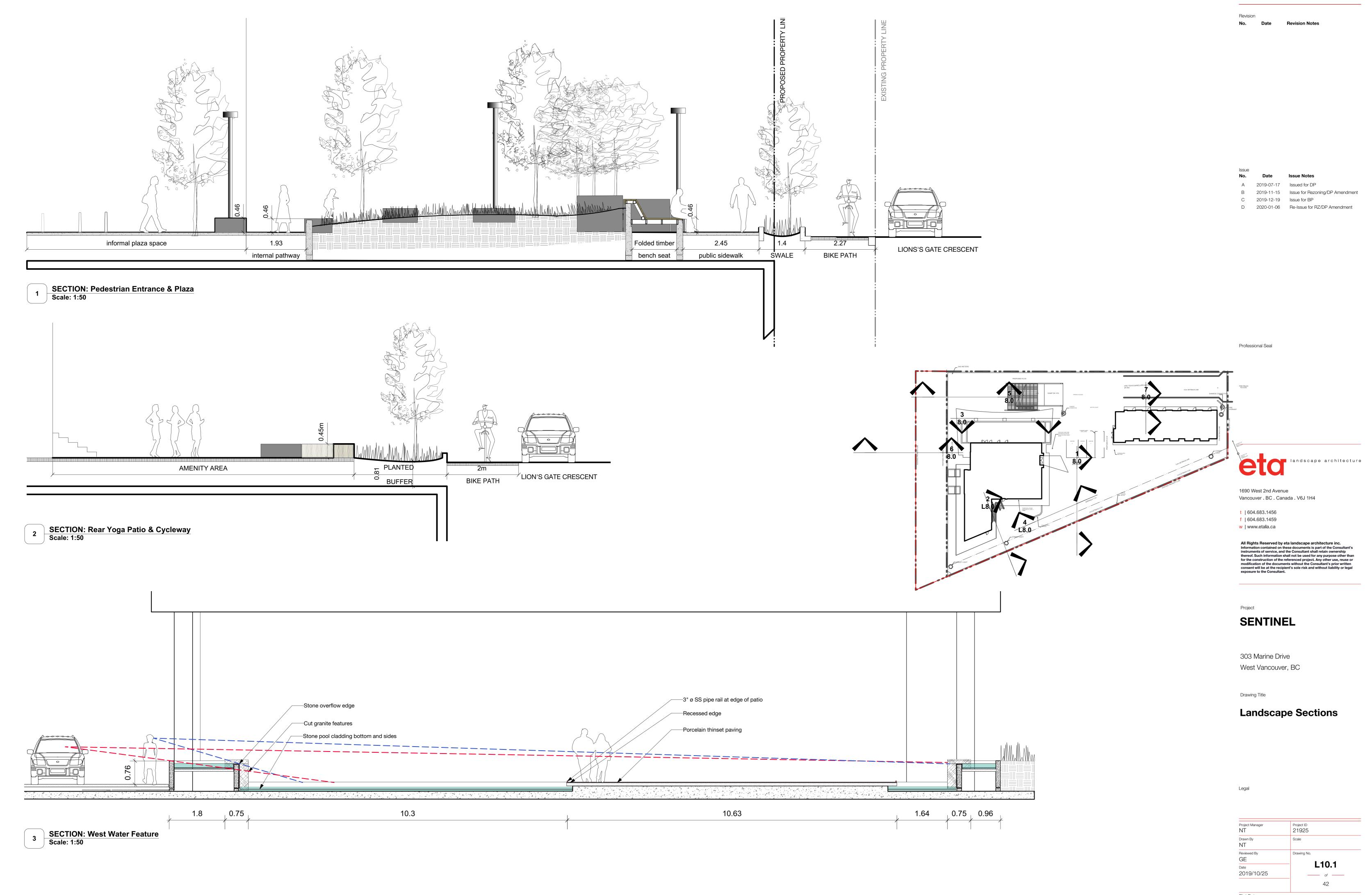
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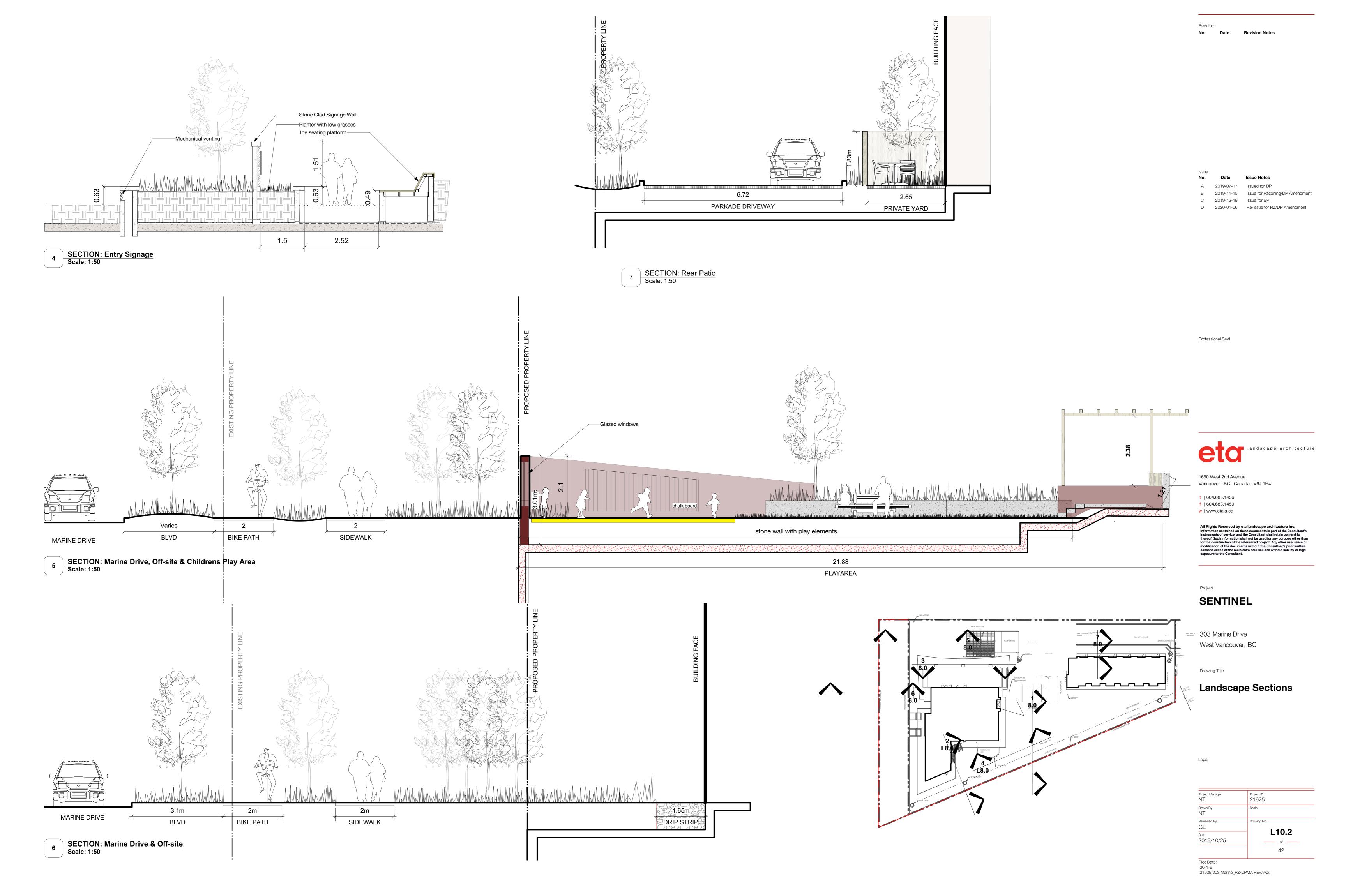
303 Marine Drive West Vancouver, BC

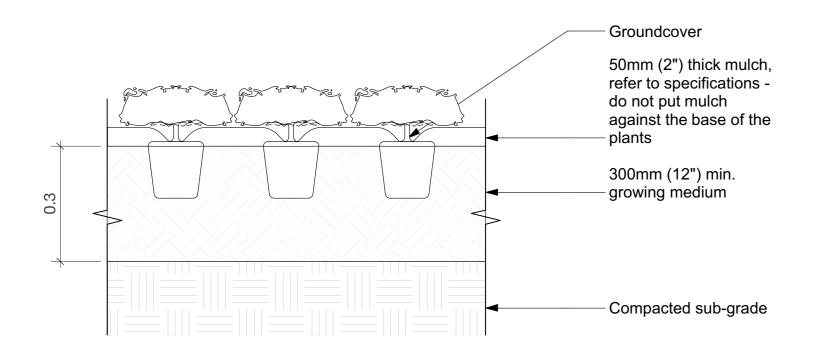
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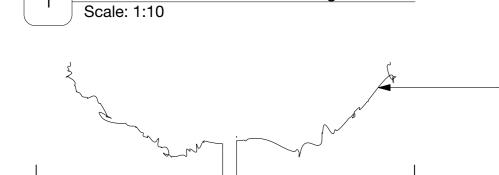
**Irrigated Areas** Lev 3 & Lev 26

21925 Drawn By Reviewed By GE 2019/10/25

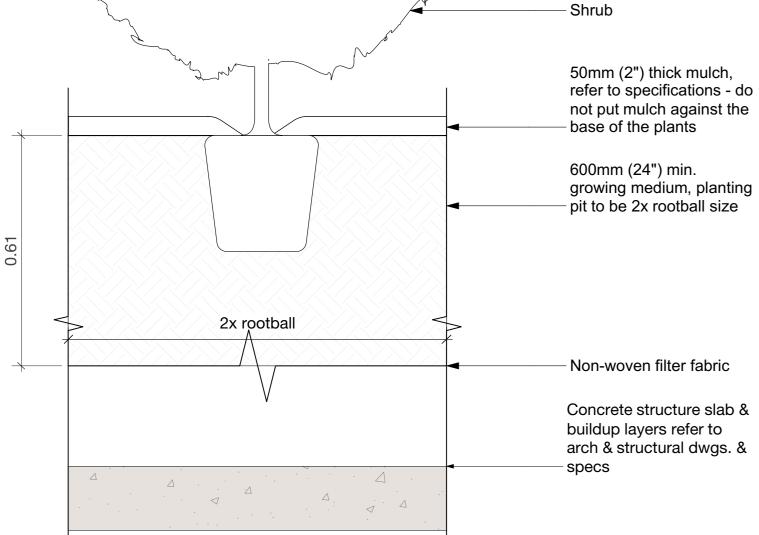




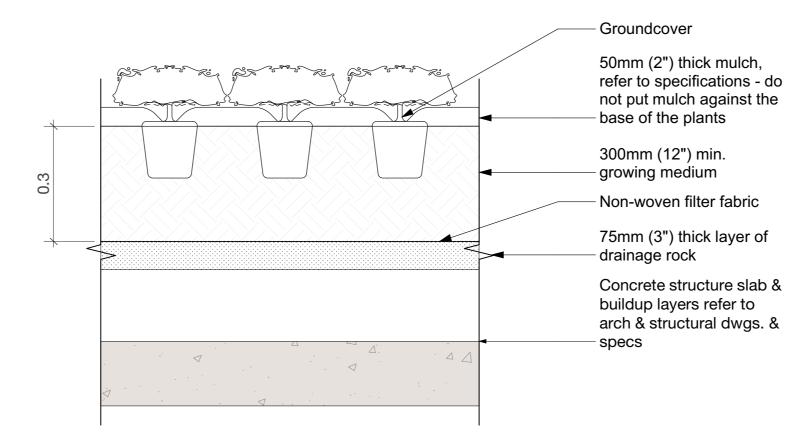




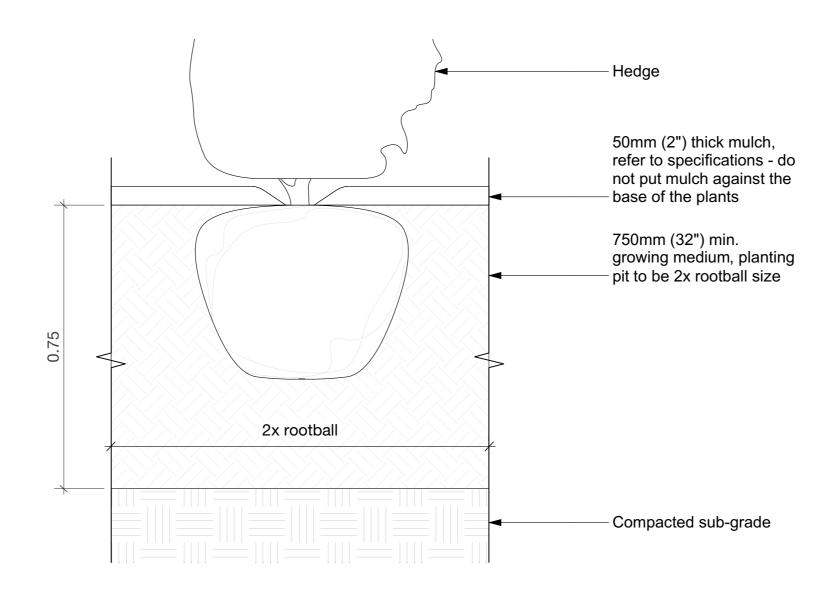
DETAIL: Groundcover Planting at Grade



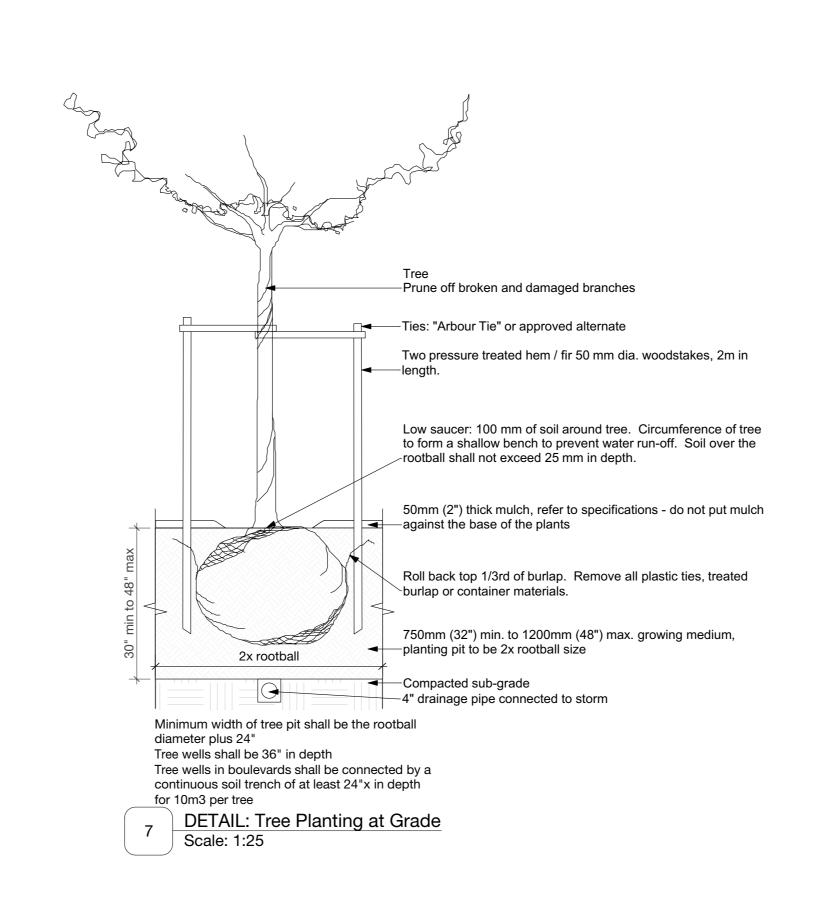
DETAIL: Shrub Planting on Slab Scale: 1:10

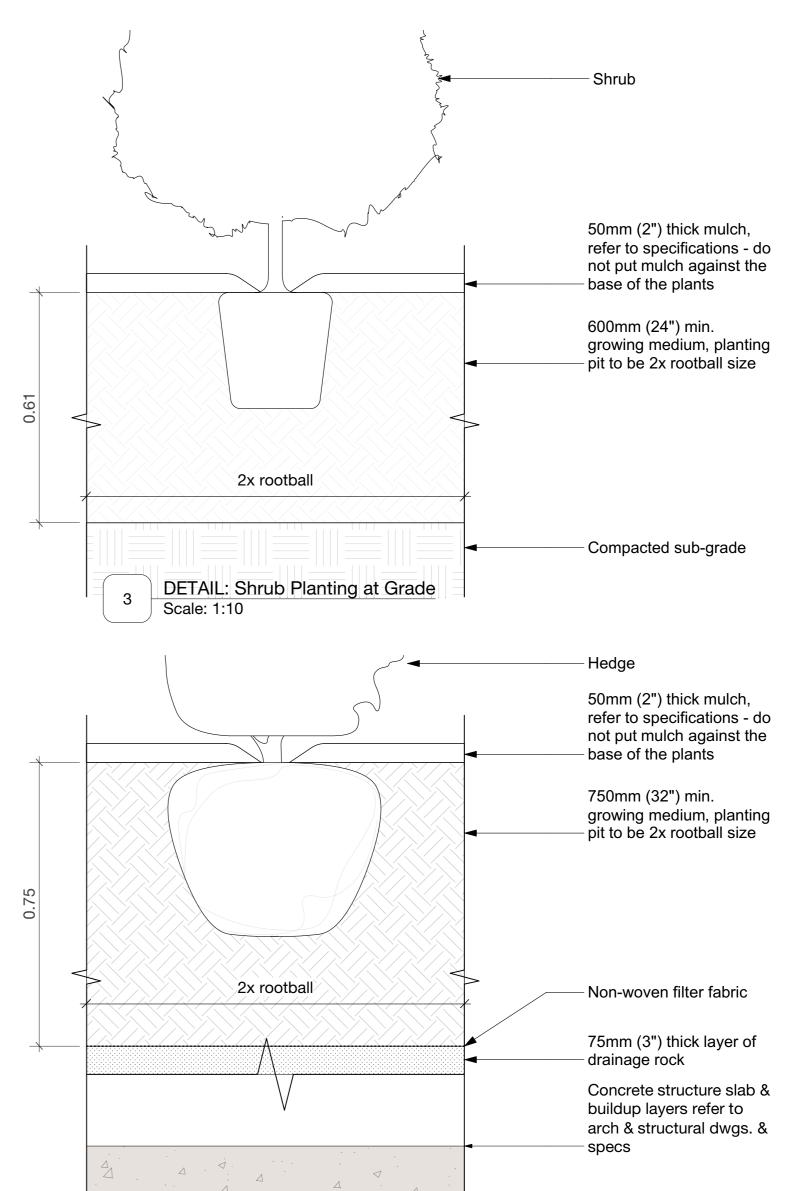


2 DETAIL: Groundcover Planting on Slab
Scale: 1:10

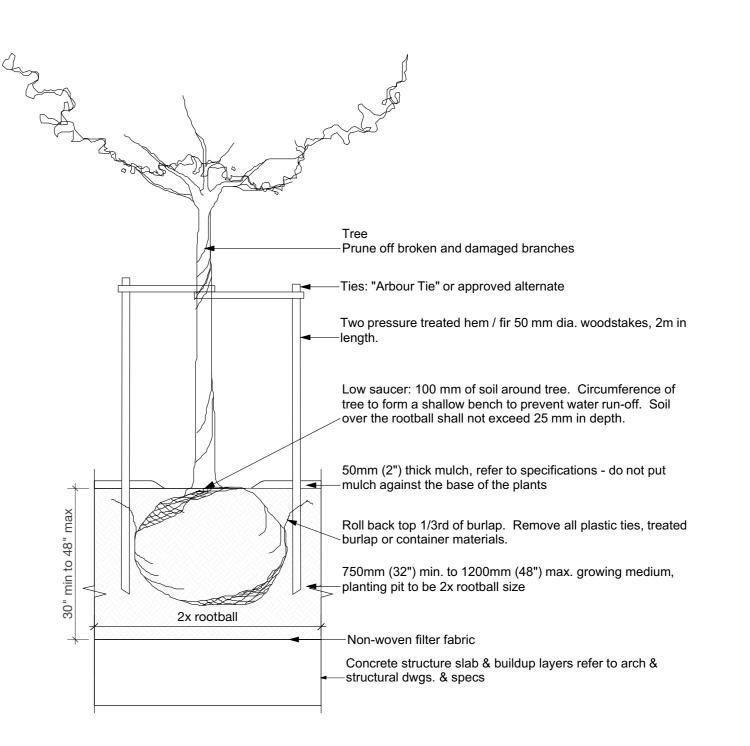


DETAIL: Hedge Planting at Grade
Scale: 1:10





DETAIL: Hedge Planting on Slab Scale: 1:10



DETAIL: Tree Planting on Slab Scale: 1:25



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Project

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303 Marine Drive West Vancouver, BC

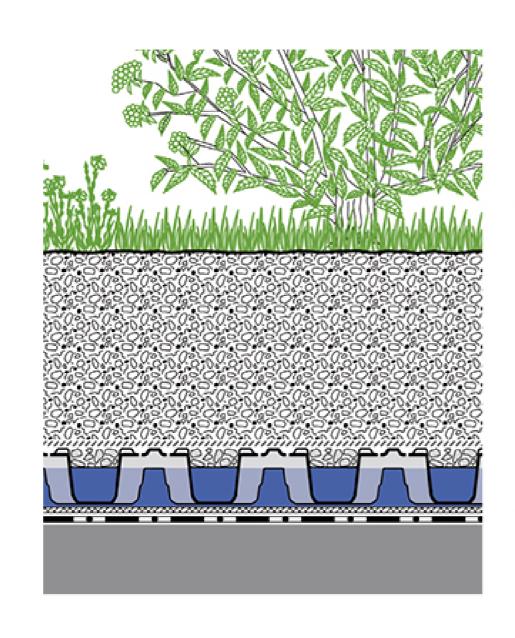
Drawing Title

### Details - Softscape

Legal

Project Manager	Project ID 21925
Orawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	<b>L11.1</b> — of —
	42
Plot Date:	

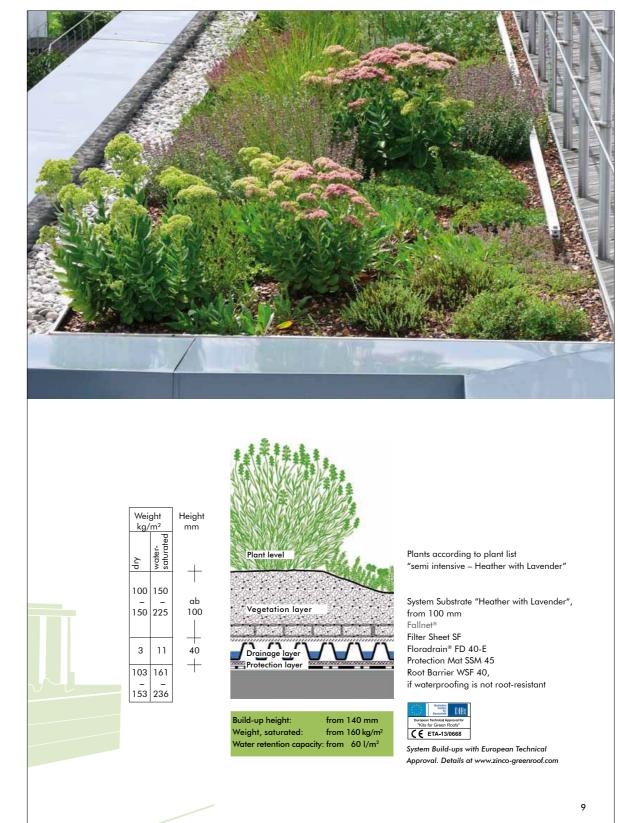
20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx



Lawn and perennials; with a deeper substrate level, bushes and small trees

System Substrate "Roof Garden" ≥ 200 mm

Filter Sheet SF Floradrain® FD 60 neo with Zincolit® Plus infill Protection Mat ISM 50 Root Barrier WSB 100-PO, if waterproofing is not root-resistant



2019-11-15 Issue for Rezoning/DP Amendment 2019-12-19 Issue for BP D 2020-01-06 Re-Issue for RZ/DP Amendment

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DNV DETAIL: Raingarden; Typical

District of North Vancouver Development Servicing Bylaw 8145

150mm DIA. PERFORATED DRAIN PIPE— TO RUN ALONG BOTTOM OF CHANNEL

TOP OF SIDEWALK BEHIND

100mm TO 150mm RIVER — ROCK AT BOTTOM OF RAIN GARDEN CHANNEL

COMPACTED OR UNDISTURBED-SUB-GRADE 150mm OF 19mm MINUS-CRUSHED COMPACTED BASE

Schedule A - PART 3: SUPPLEMENTAL STANDARD DETAIL DRAWINGS (SSDD)

- CATCH BASIN WITH DOMED GRATE RIM ELEV. OF CB TO BE SET AT MAX, WATER LEVEL. RIM ELEV. OF CB TO BE SET LOWER THAN SIDEWALK OR WEIR ELEVATION, WHICHEVER IS LOWEST.

— 450mm Total depth of engineered growing medium as per DSB supplementary specifications

SECTION D-D

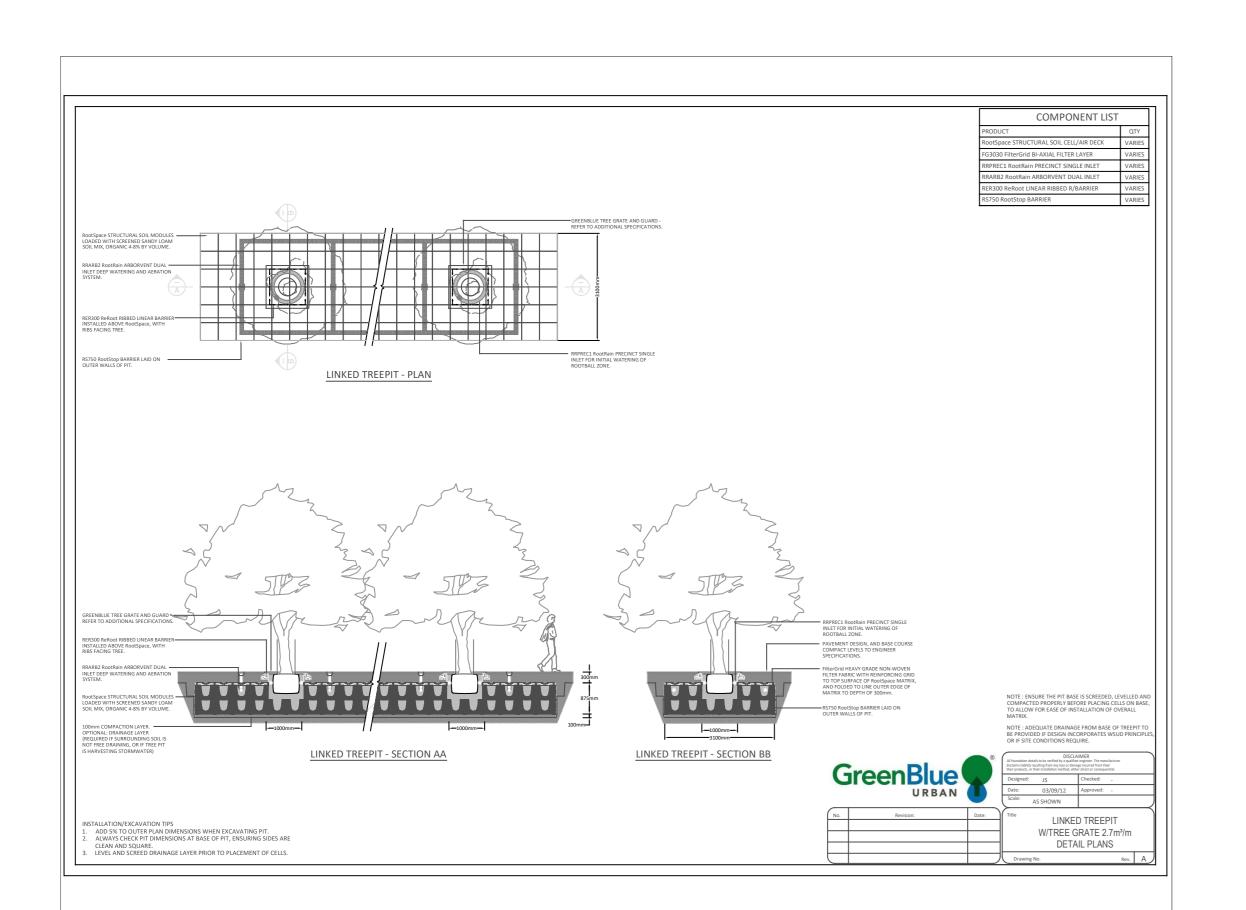
RAIN GARDEN - TYPICAL SECTIONS - SHEET 3 OF 3

DISTRICT OF NORTH VANCOUVER

—CATCH BASIN WITH DOMED GRATE, AS PER CIVIL.
RIM ELEV. OF CB TO BE SET AT MAX. WATER LEVEL.
RIM ELEV. OF CB TO BE SET LOWER THAN SIDEWALK
OR WEIR ELEVATION, WHICHEVER IS LOWEST.

Document: 3018732

-LOWLAND PLANTINGS/SUBMERSIBLES



DETAIL: Zinco Extensive Roof Product

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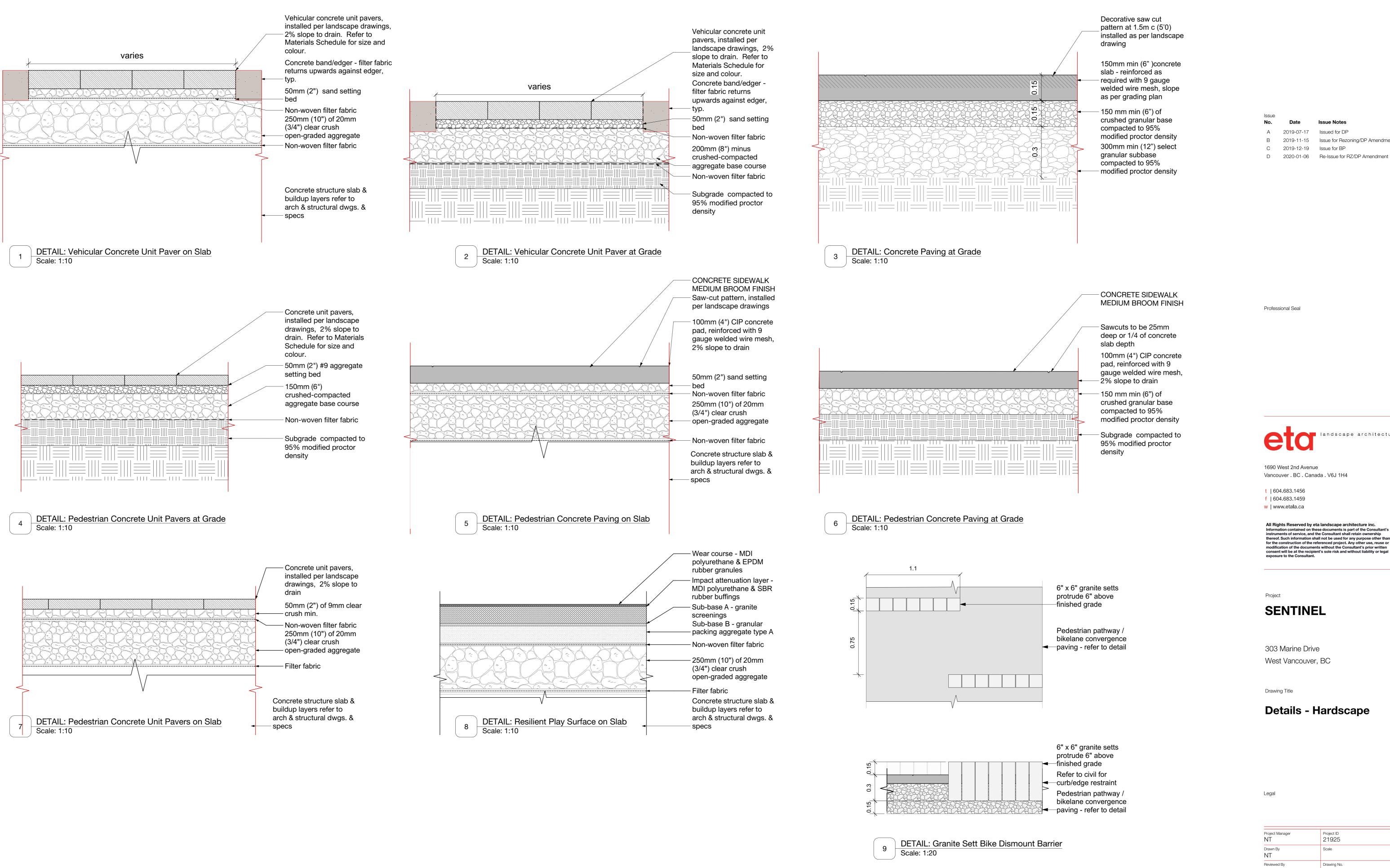
Drawing Title

**Details - Softscape** 

Project Manager NT	Project ID 21925
Drawn By NT	Scale
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	42

Plot Date: 20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx

3 DETAIL: Soil Cell



B 2019-11-15 Issue for Rezoning/DP Amendment

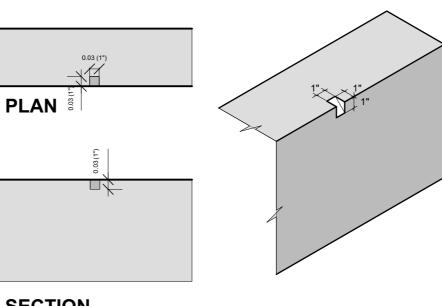
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Date 2019/10/25	L12.1 — of —
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DETAIL: CIP Concrete Planter Wall

voiding as required



2 DETAIL: Skate stopper Scale: 1:10

2019-12-19 Issue for BP

2019-11-15 Issue for Rezoning/DP Amendment

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Project

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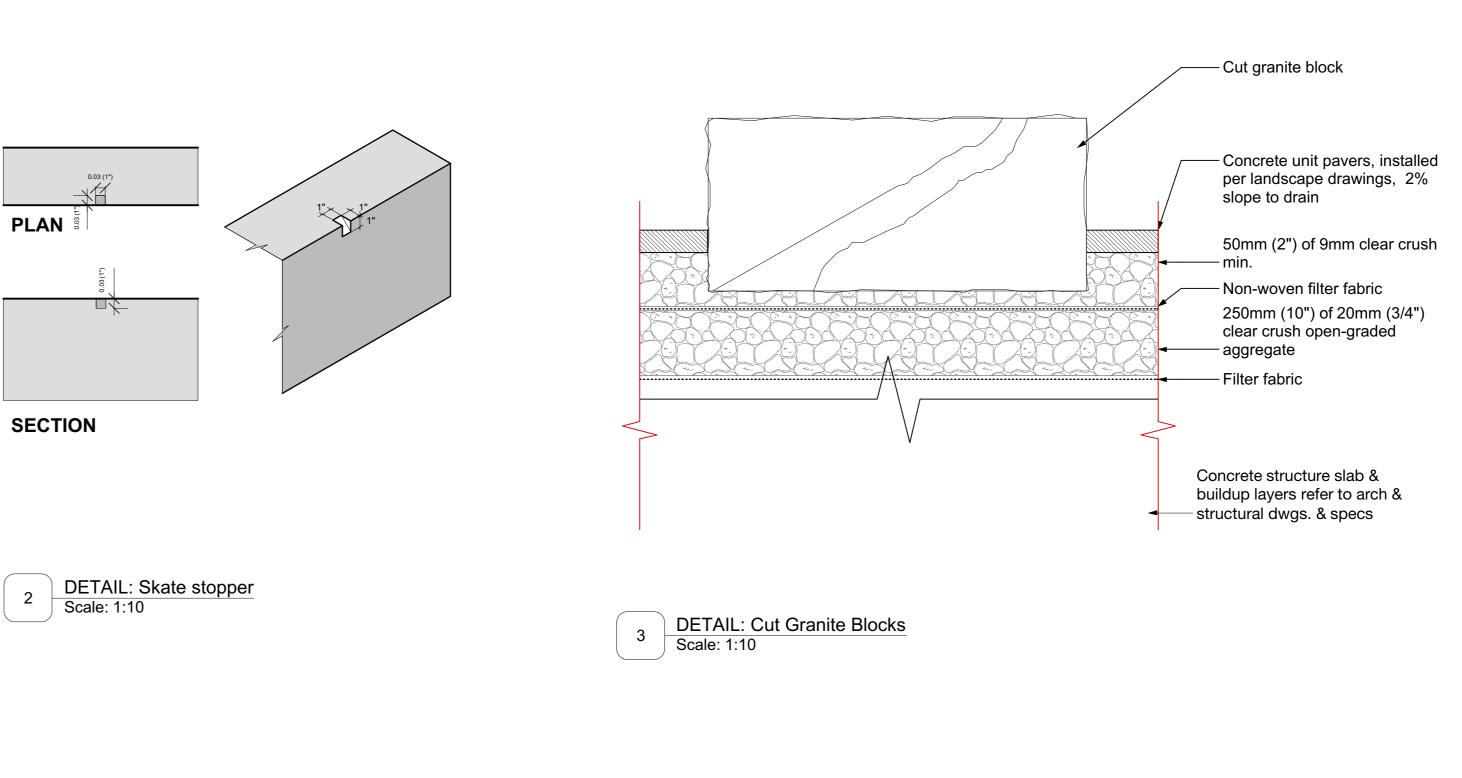
303 Marine Drive West Vancouver, BC

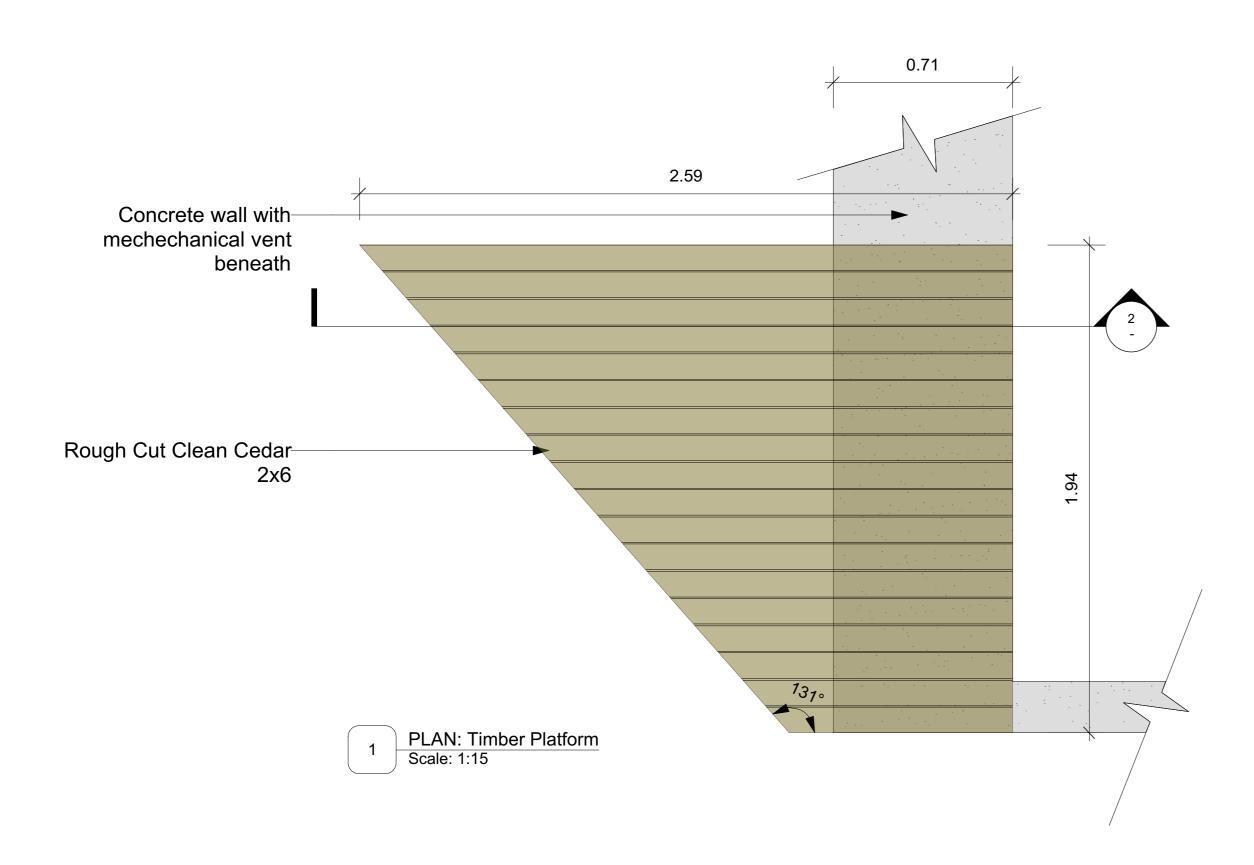
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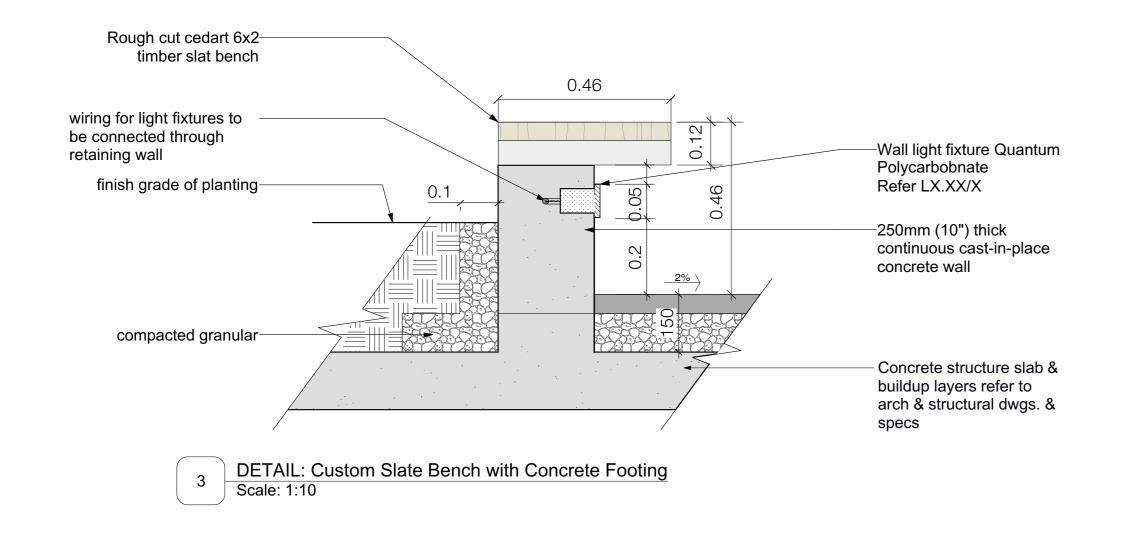
### Details - Hardscape

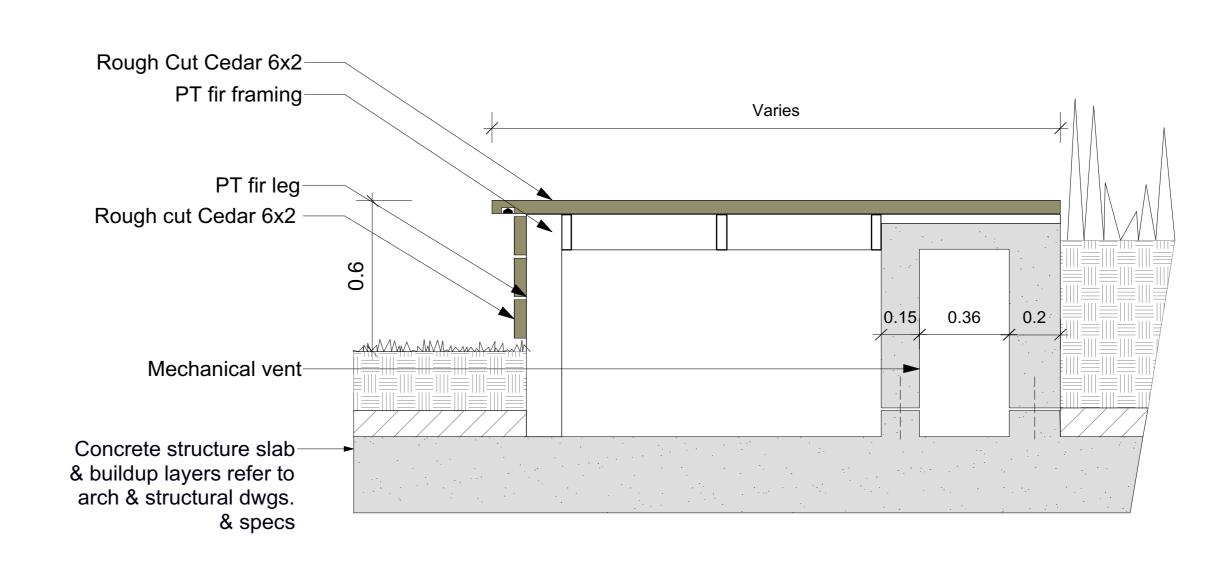
Legal

Project Manager NT	Project ID 21925
Drawn By	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L12.2
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2 SECTION: Timber Platform Scale: 1:15

Issue

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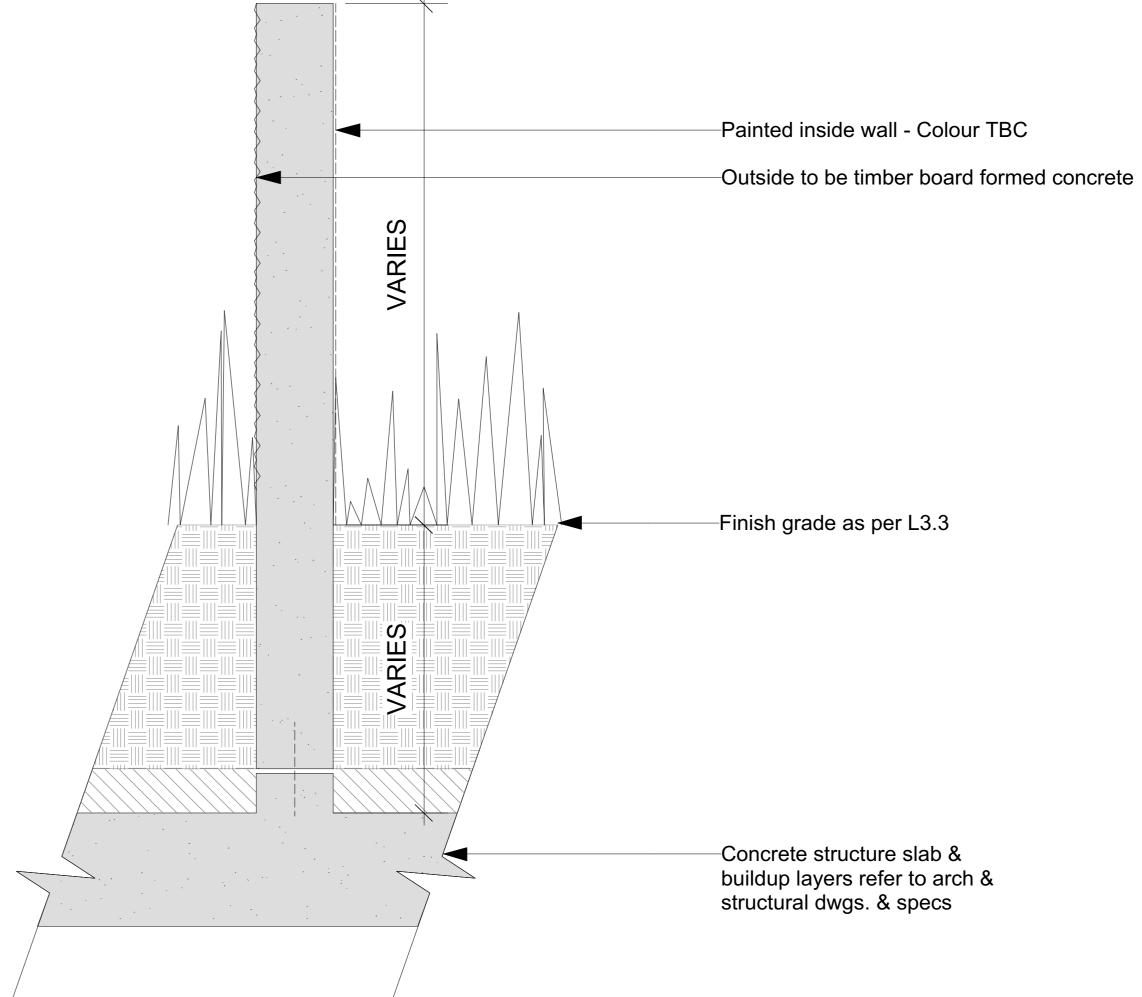
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**NOTE: Shop Drawings to be provided** 

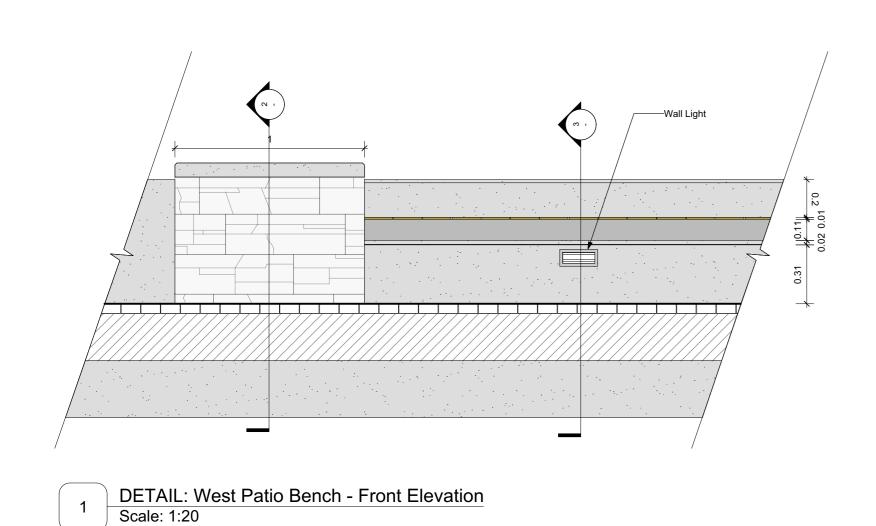


Project Manager NT	Project ID 21925
Drawn By	Scale
Reviewed By GE	Drawing No.
Date	L13.1
2019/10/25	of
	42

4 SECTION: Play Area Feature Wall Scale: 1:10

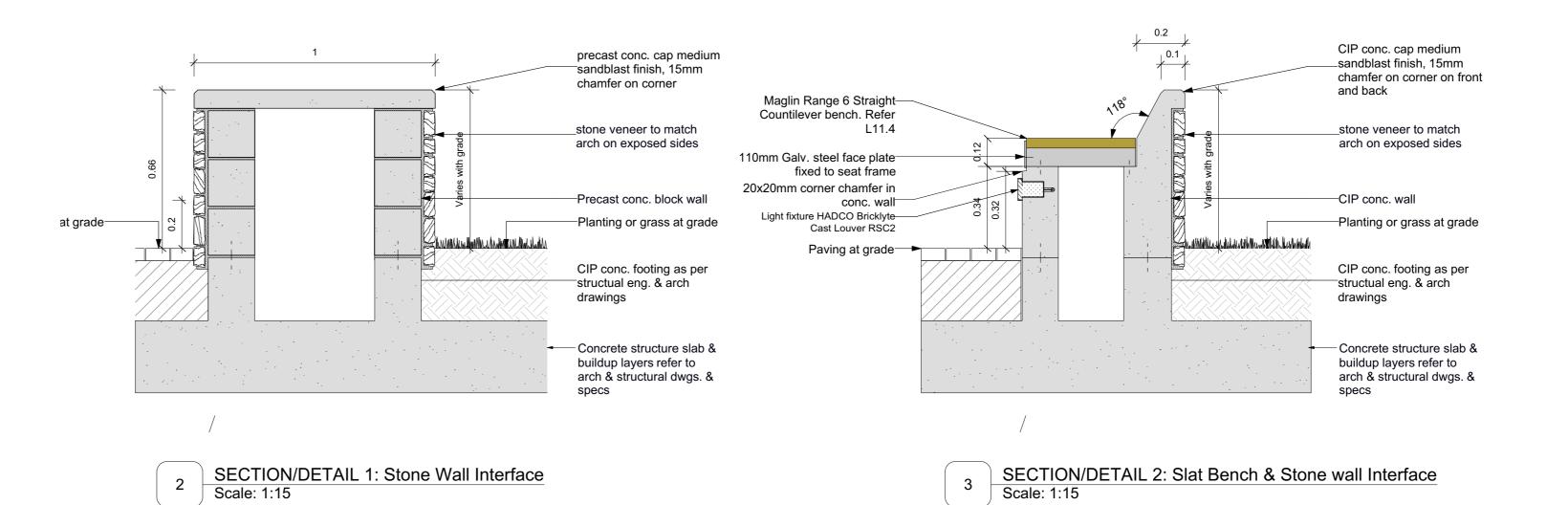


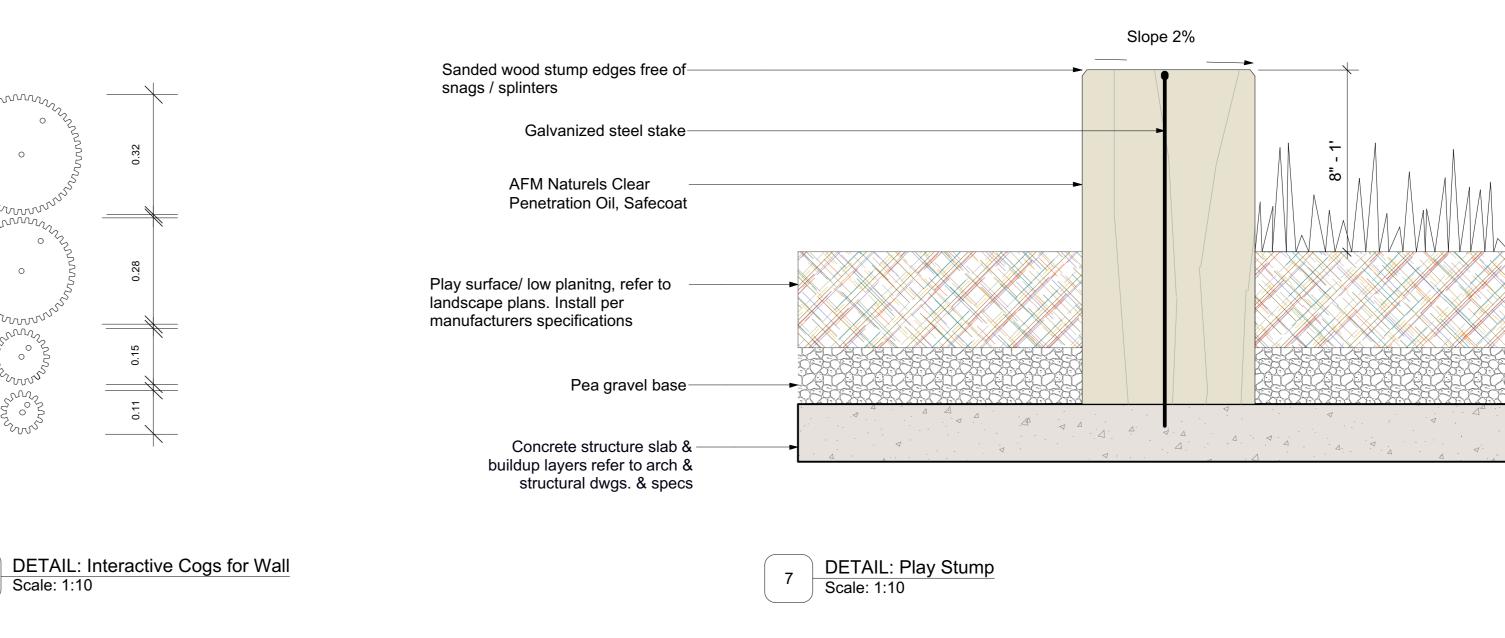
Max height 2' Min. height 8"

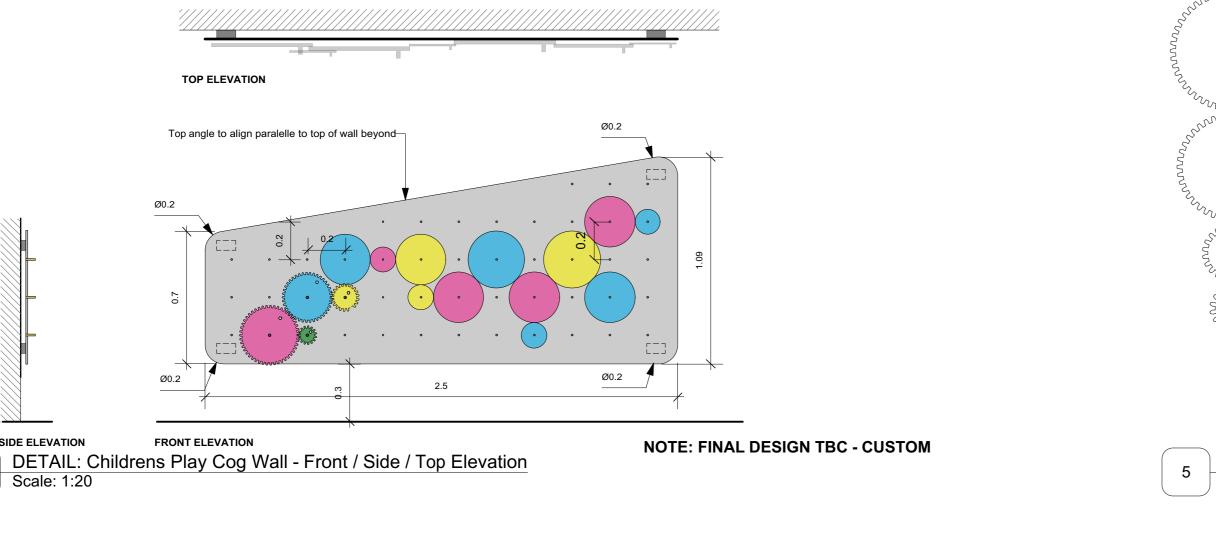


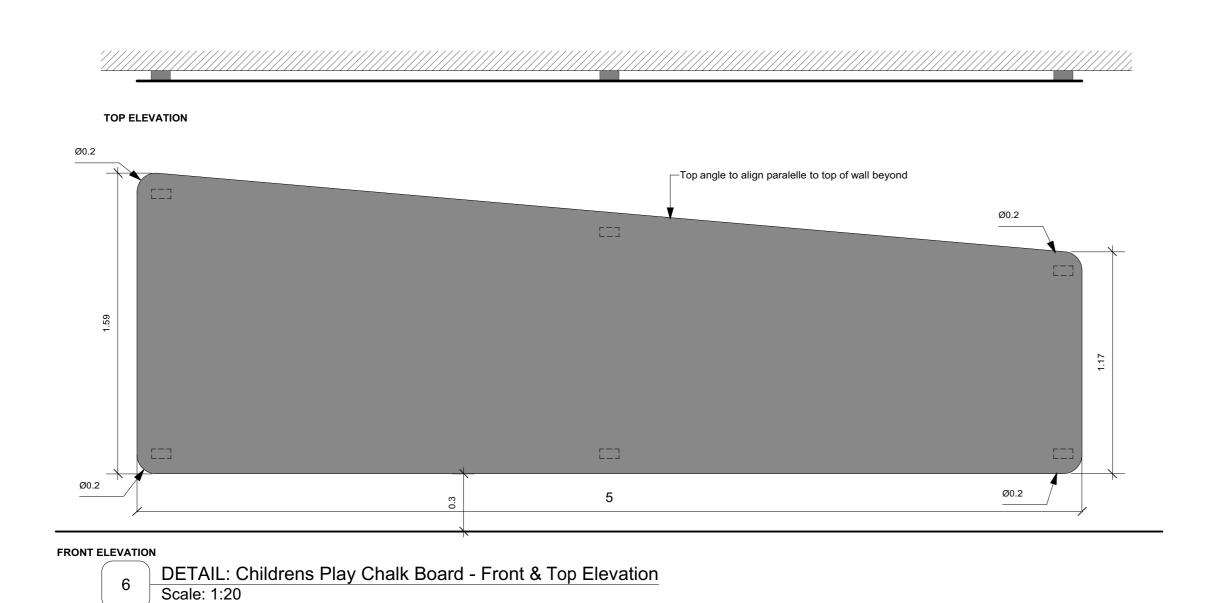
SIDE ELEVATION

Scale: 1:20

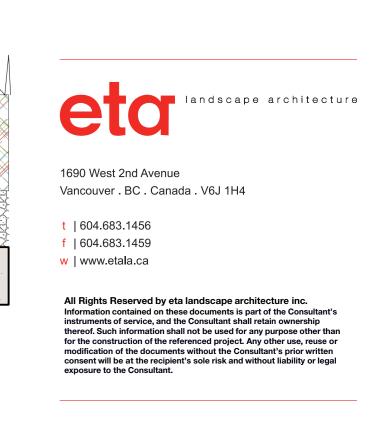








NOTE: Shop Drawings to be provided



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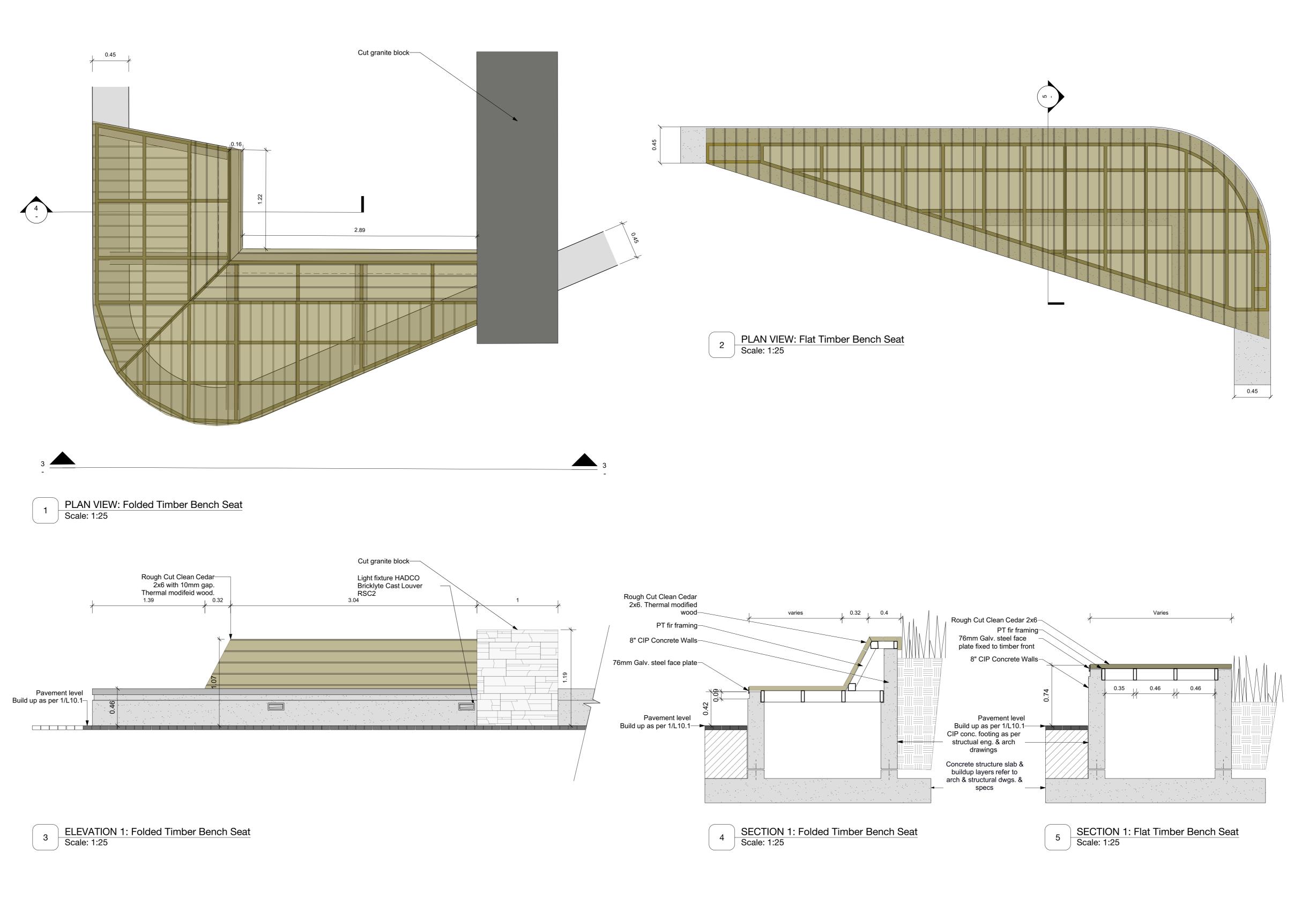
West Vancouver, BC

Drawing Title

**Details - Custom Furniture** Site Furnishings

Legal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
<sup>Date</sup> 2019/10/25	L13.2
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NOTE: Shop Drawings to be provided

Issue

No. Date Issue Notes

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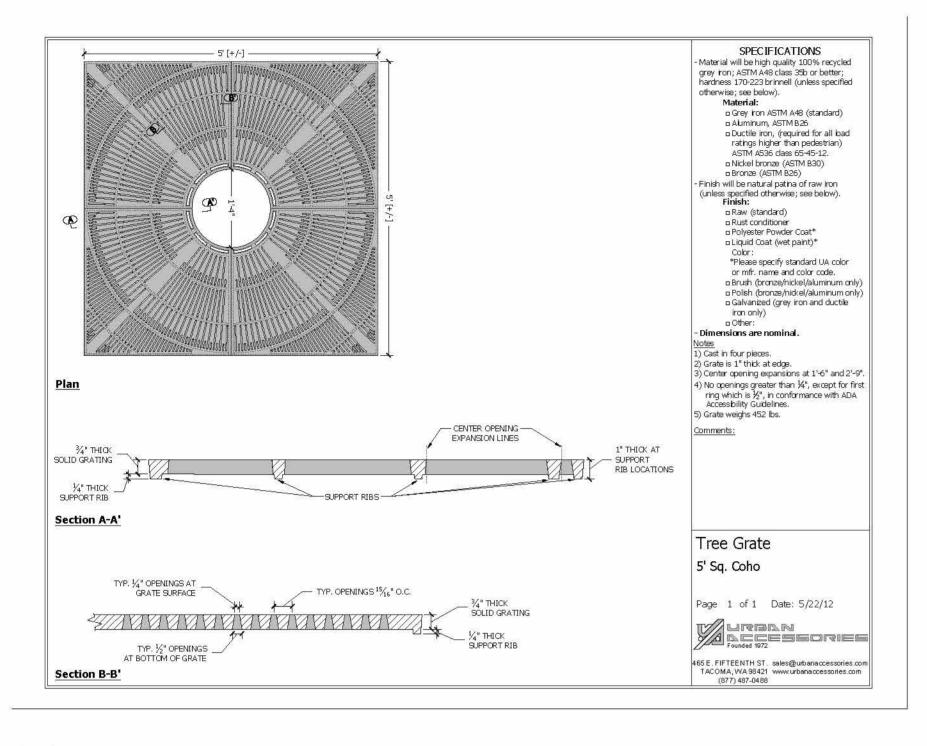
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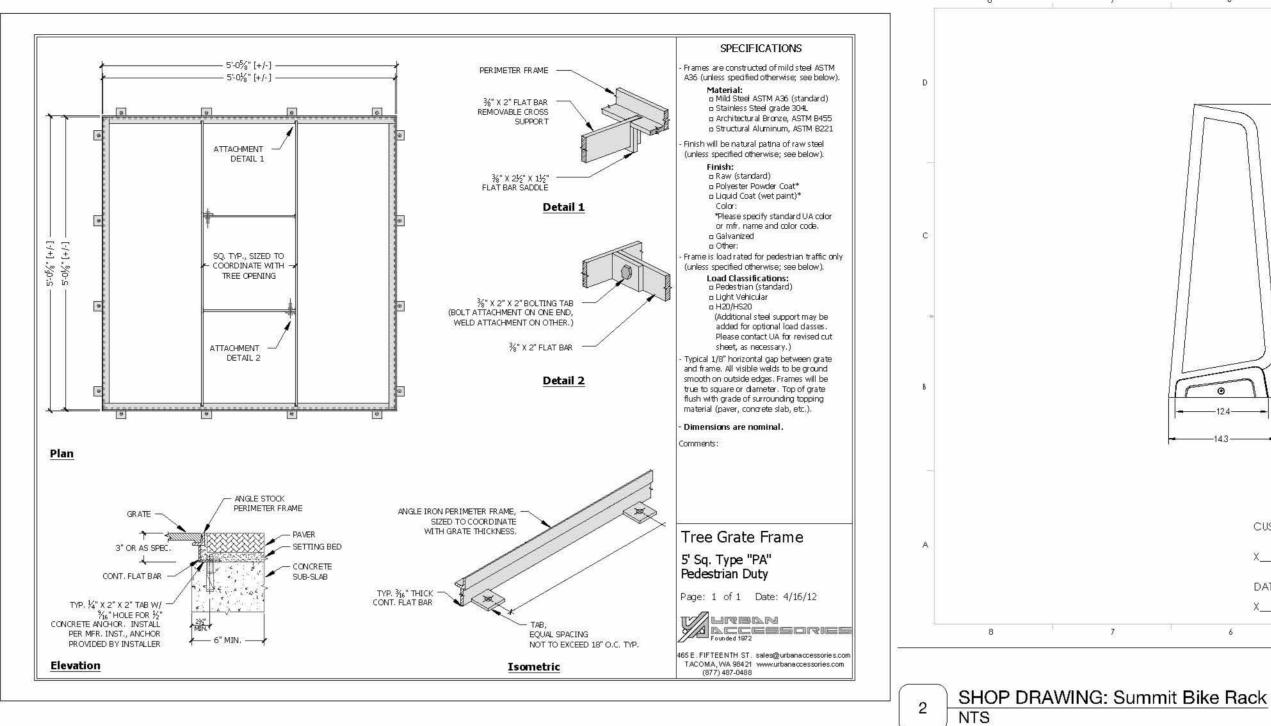
Details - Custom Furniture
Site Furnishings

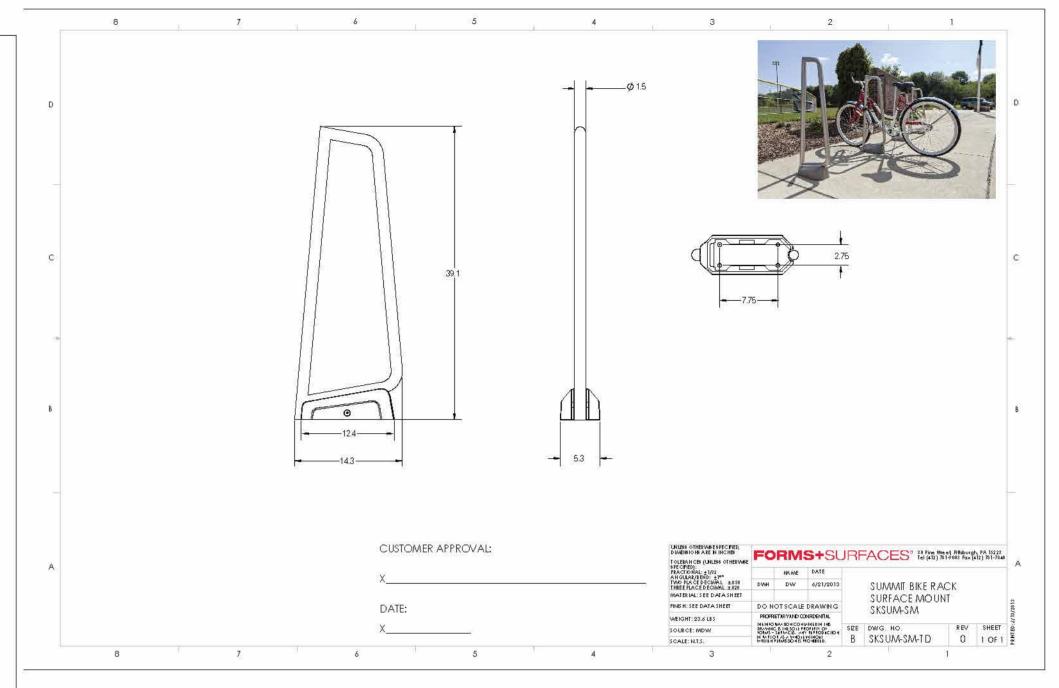
Legal

Project Manager NT	Project ID 21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L13.3 — of ——

Date Revision Note







 No.
 Date
 Issue Notes

 A
 2019-07-17
 Issued for DP

 B
 2019-11-15
 Issue for Rezoning/DP Amendment

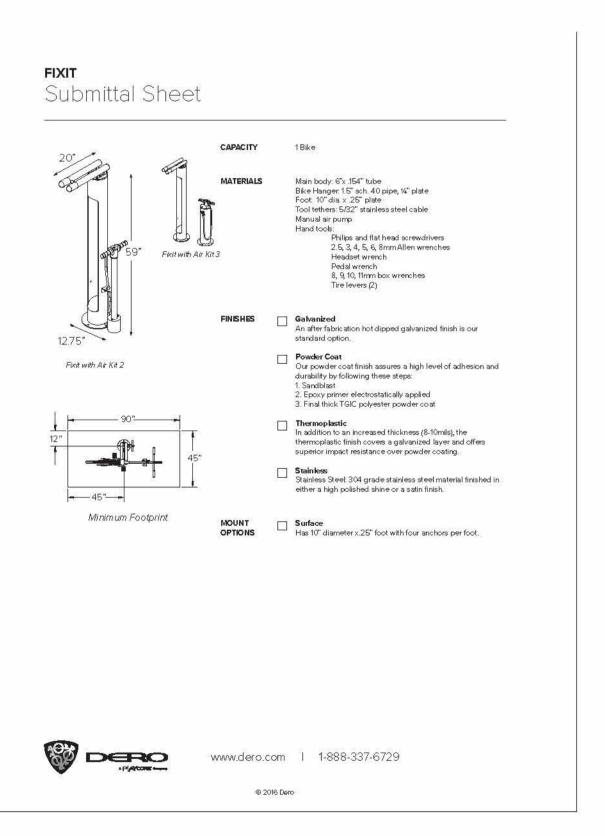
 C
 2019-12-19
 Issue for BP

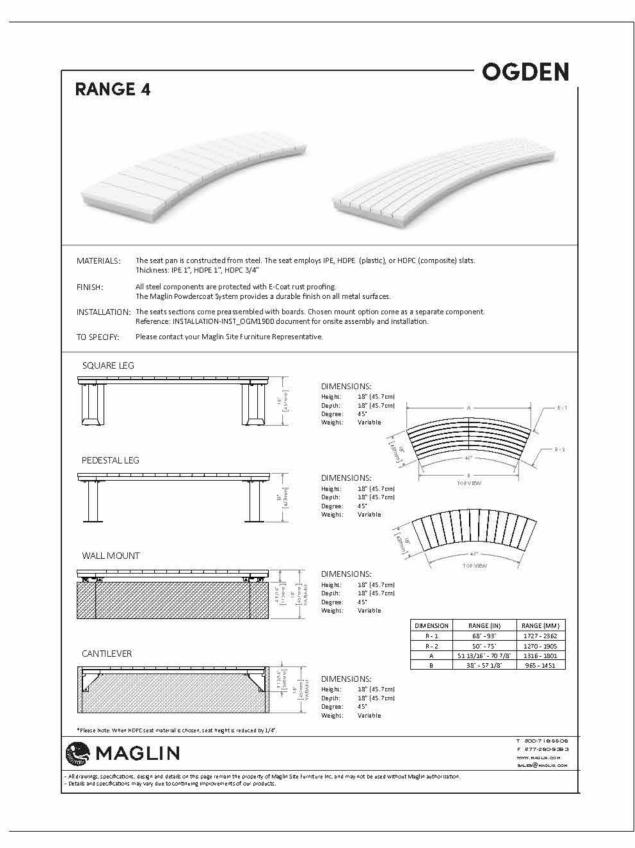
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 2020-01-06
 Re-Issue for RZ/DP Amendment

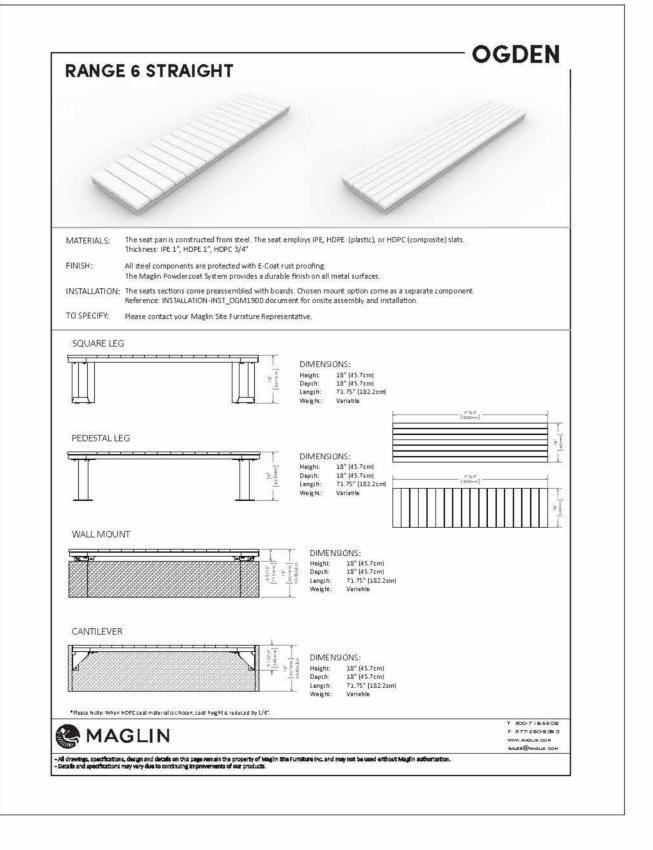
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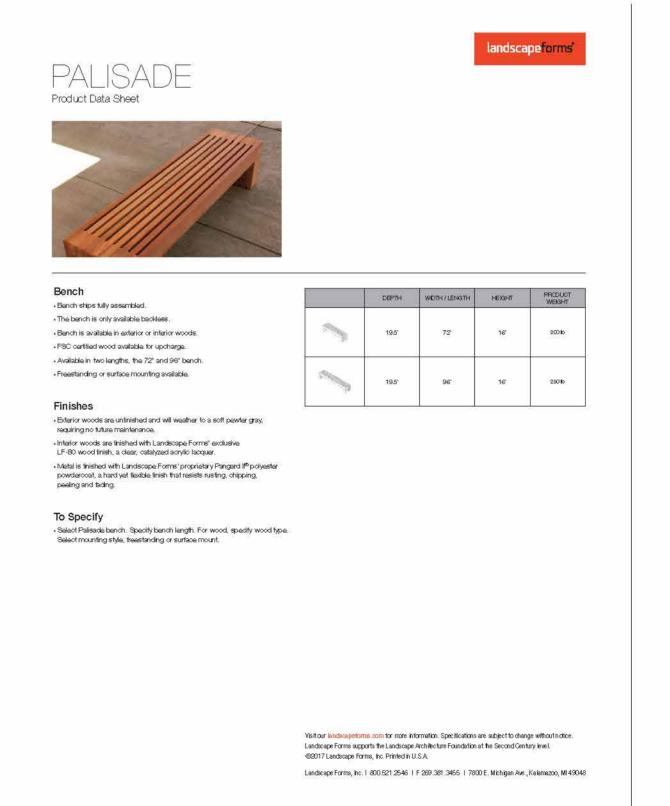
SHOP DRAWING: Tree Grate and Frame

3 SHOP DRAWING: Bike Repair Stand NTS









5 SHOP DRAWING: Landscape Forums Slat Bench - 1.8m Palisade Bench NTS

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Drawing Title

**Details - Shop Drawings** 

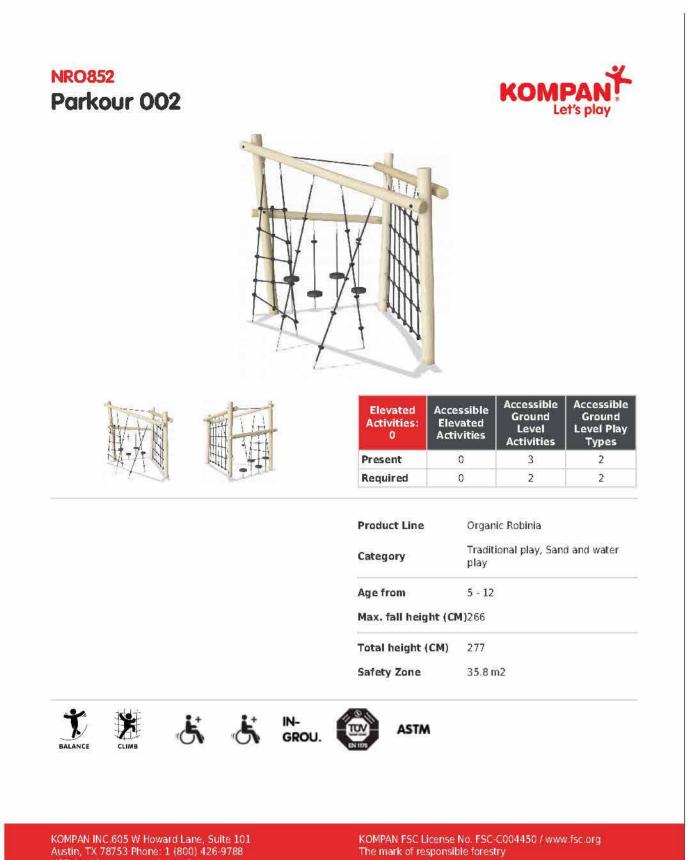
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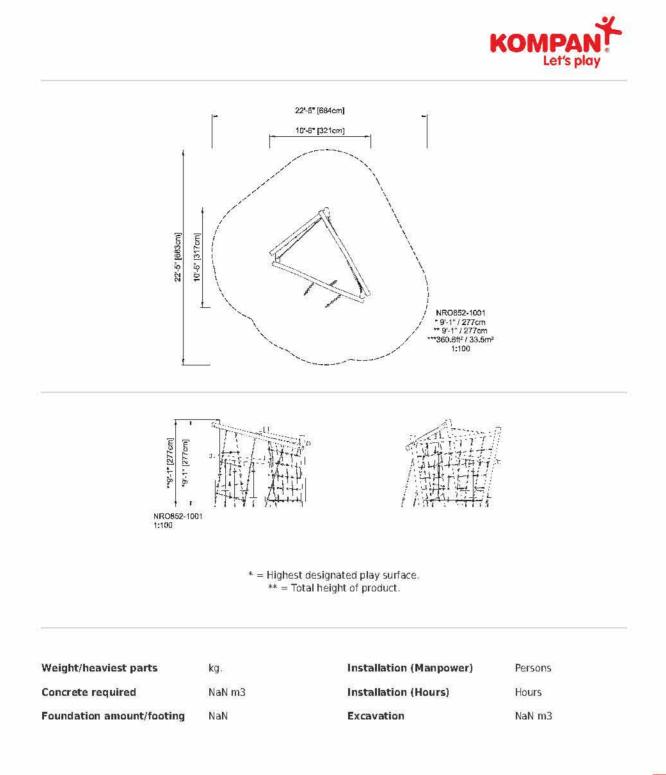
Project Manager NT	21925
Drawn By NT	Scale
Reviewed By GE	Drawing No.
Date 2019/10/25	L14.1 #
	42

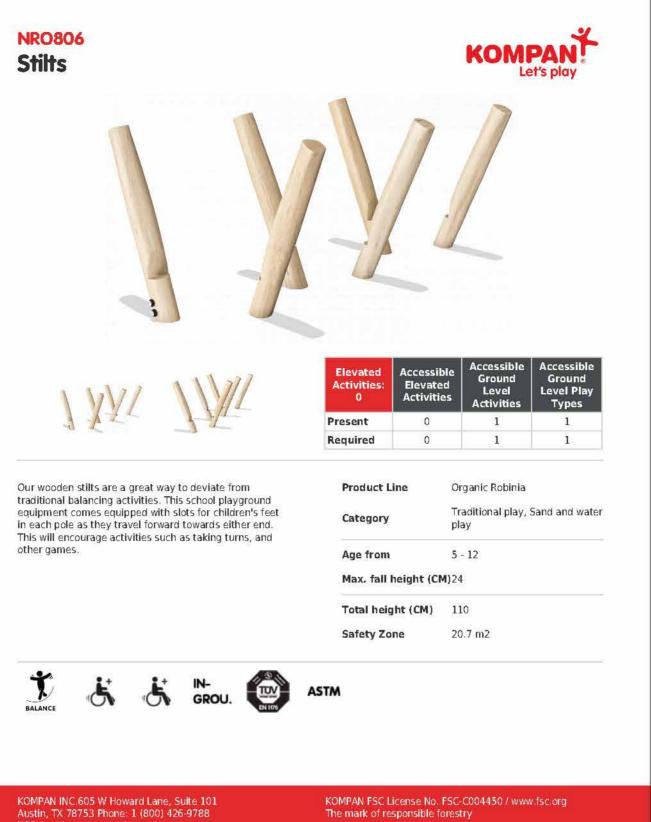
21925 303 Marine\_RZ/DPMA REV.vwx

SHOP DRAWING: Maglin Slat Bench - OGDEN, Range 4
NTS

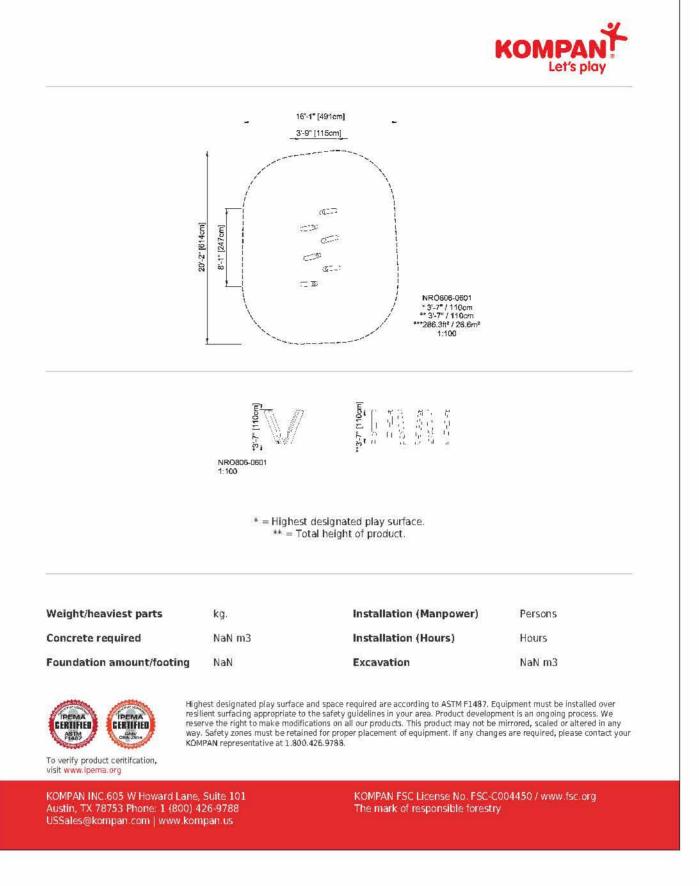
NOTE: Shop Drawings to be provided







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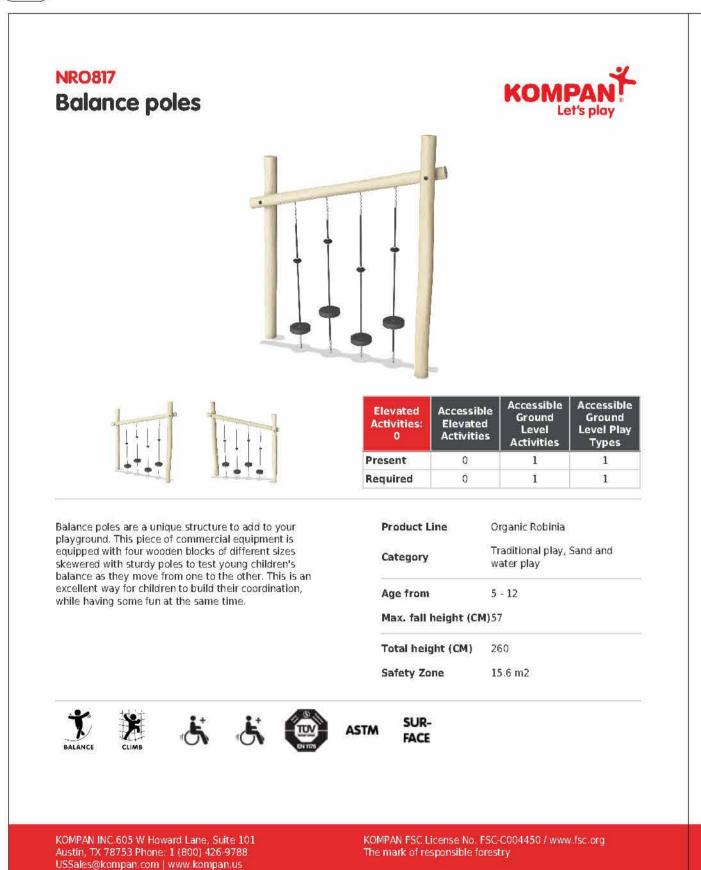
C 2019-12-19 Issue for BP

B 2019-11-15 Issue for Rezoning/DP Amendment

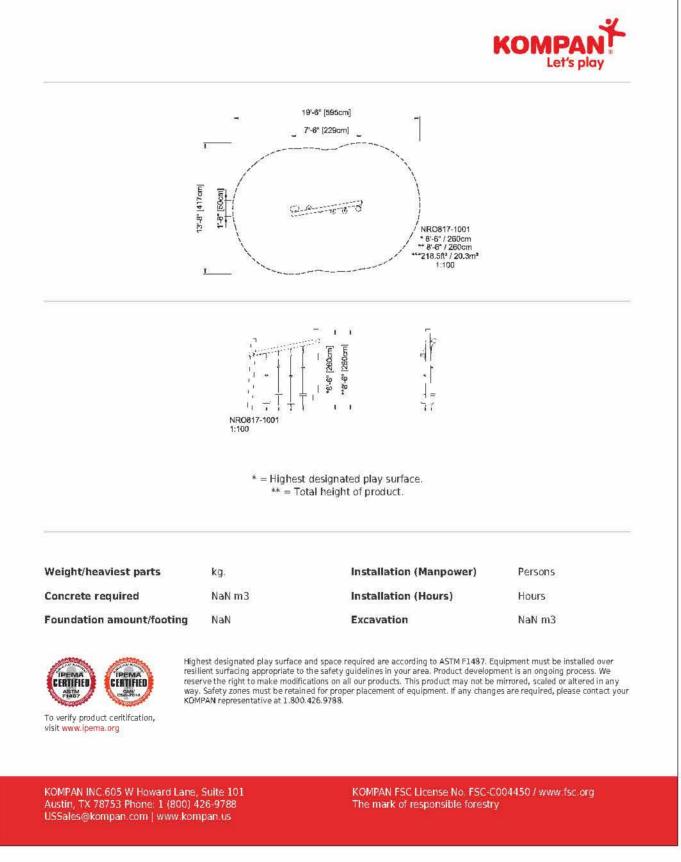
D 2020-01-06 Re-Issue for RZ/DP Amendment

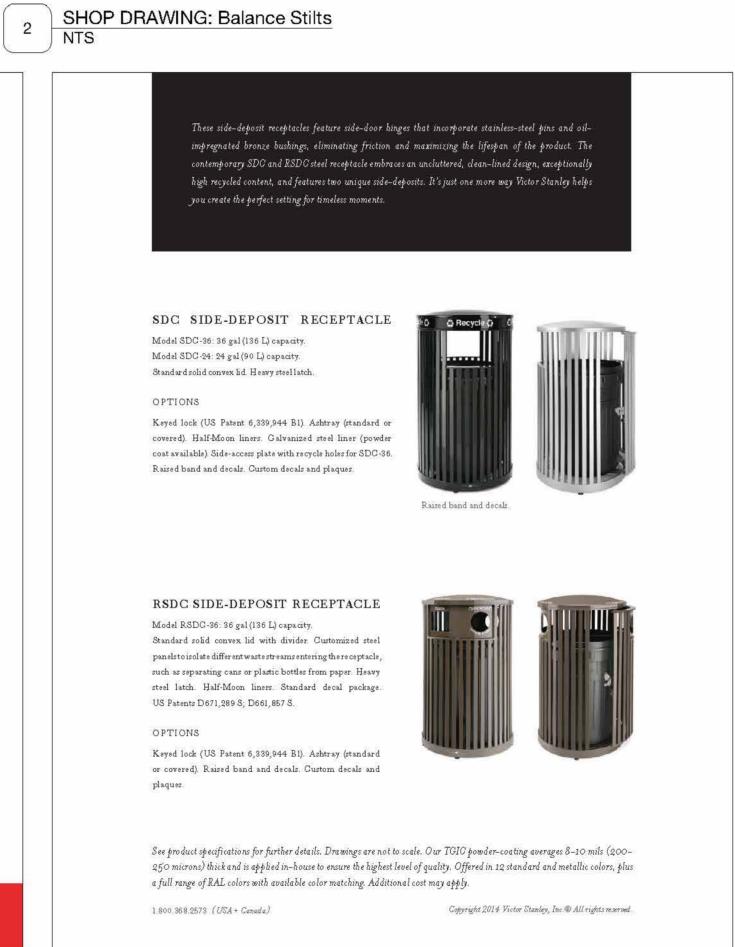
1 SHOP DRAWING: Parkour 002 NTS

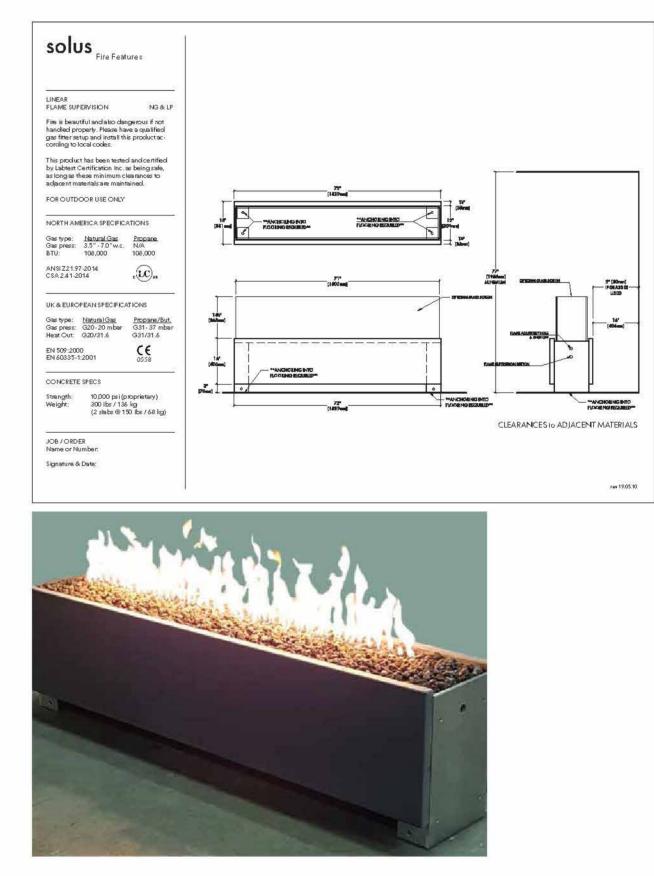
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SHOP DRAWING: Balance Poles









DETAIL: Victor Stanley RSDC-36 Litter Container

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Drawing Title

Project

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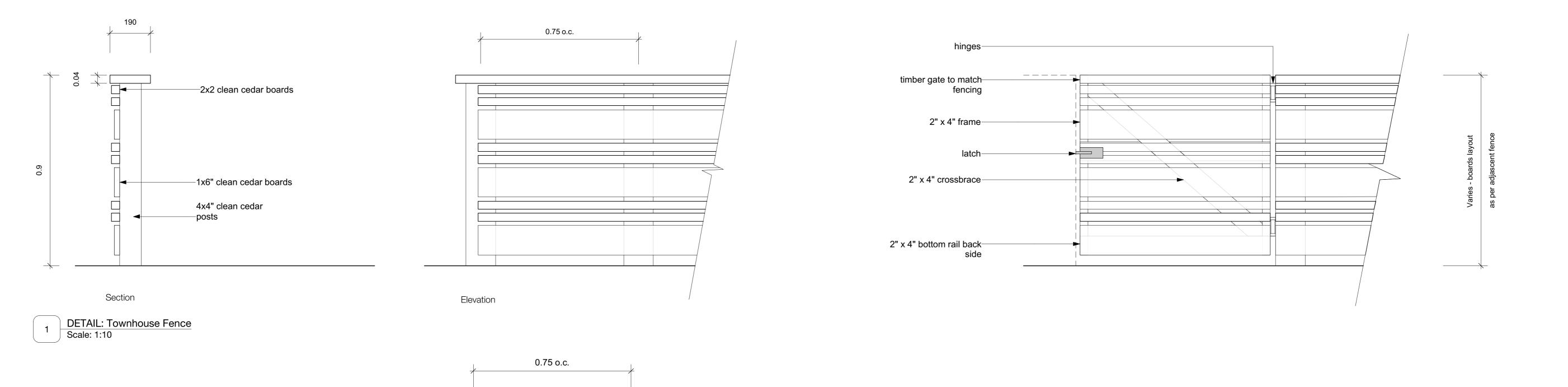
Details - Shop Drawings

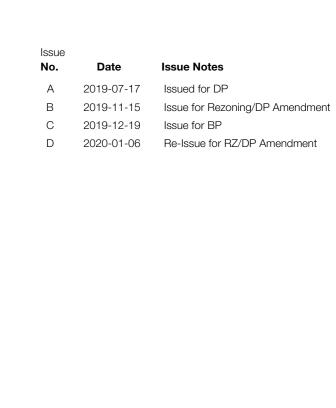
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Project Manager NT	Project ID 21925
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Date 2019/10/25	L14.2 —   —   42

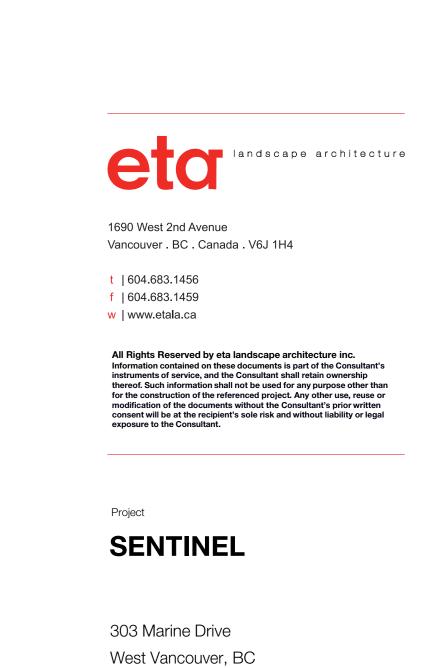
NOTE: Shop Drawings to be provided







Professional Seal



Details - Fencing

2 DETAIL: Perimeter Fence Scale: 1:10

Section

-2x8" clean cedar

-1x6" clean cedar boards

-2x2 clean cedar boards

Elevation

4x4" clean cedar

top plate

NOTE: Shop Drawings to be provided

Project Manager NT	Project ID 21925
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2019-11-15 Issue for Rezoning/DP Amendment

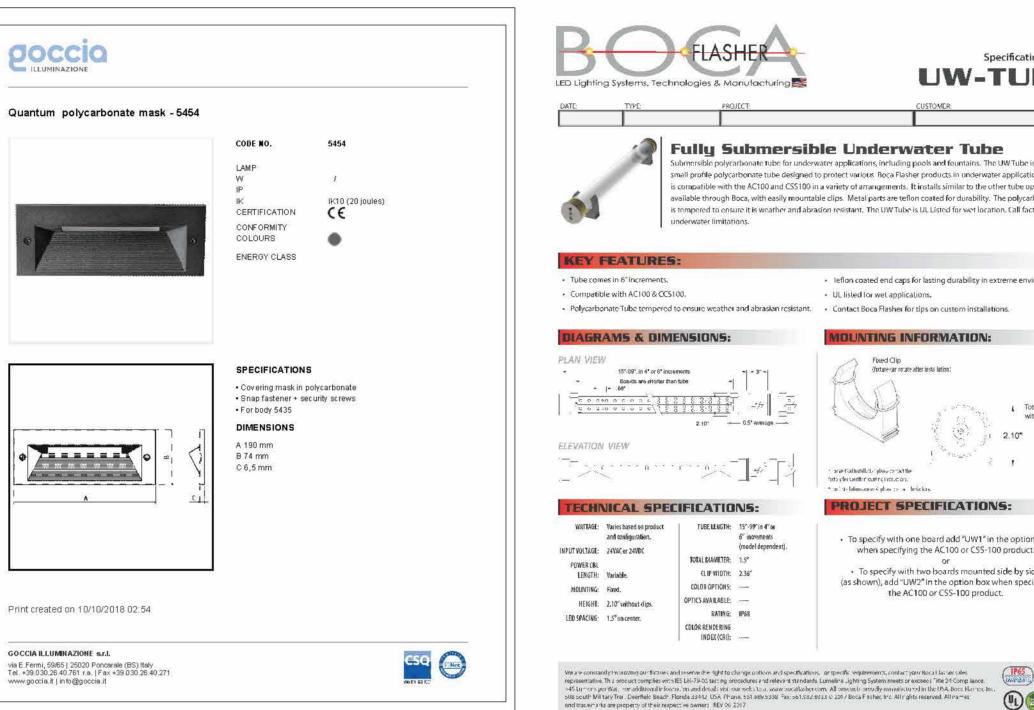
D 2020-01-06 Re-Issue for RZ/DP Amendment

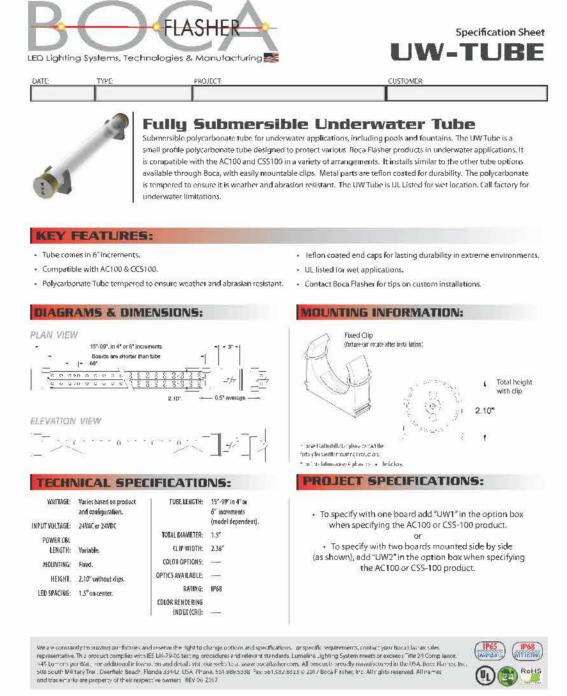
C 2019-12-19 Issue for BP











SHOP DRAWING: Underwater Light



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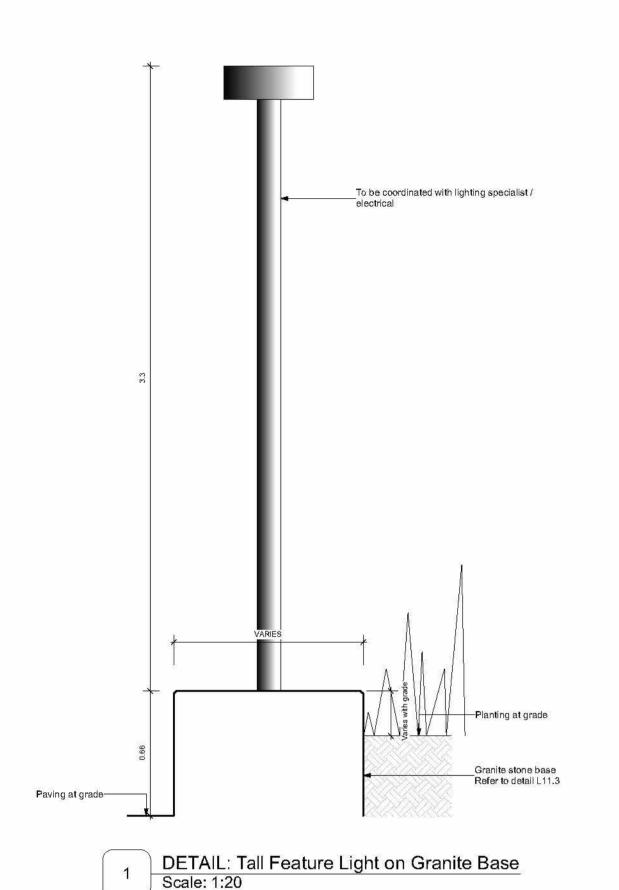
Drawing Title

**Details - Lighting Cut Sheets** 

NOTE: Shop Drawings to be provided

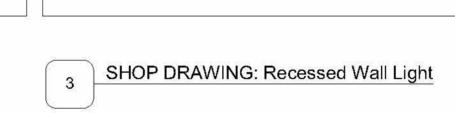
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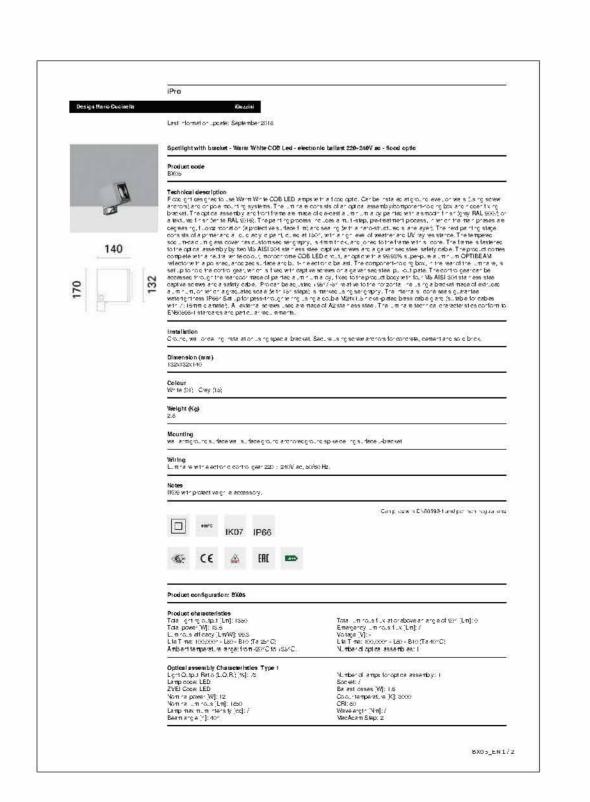
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Drawn By NT	Scale
Reviewed By GE	Drawing No.
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	42



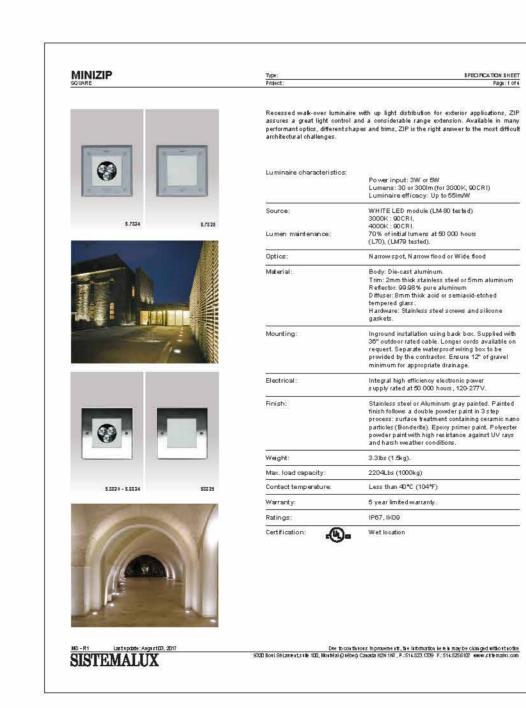


SHOP DRAWING: Strip Light





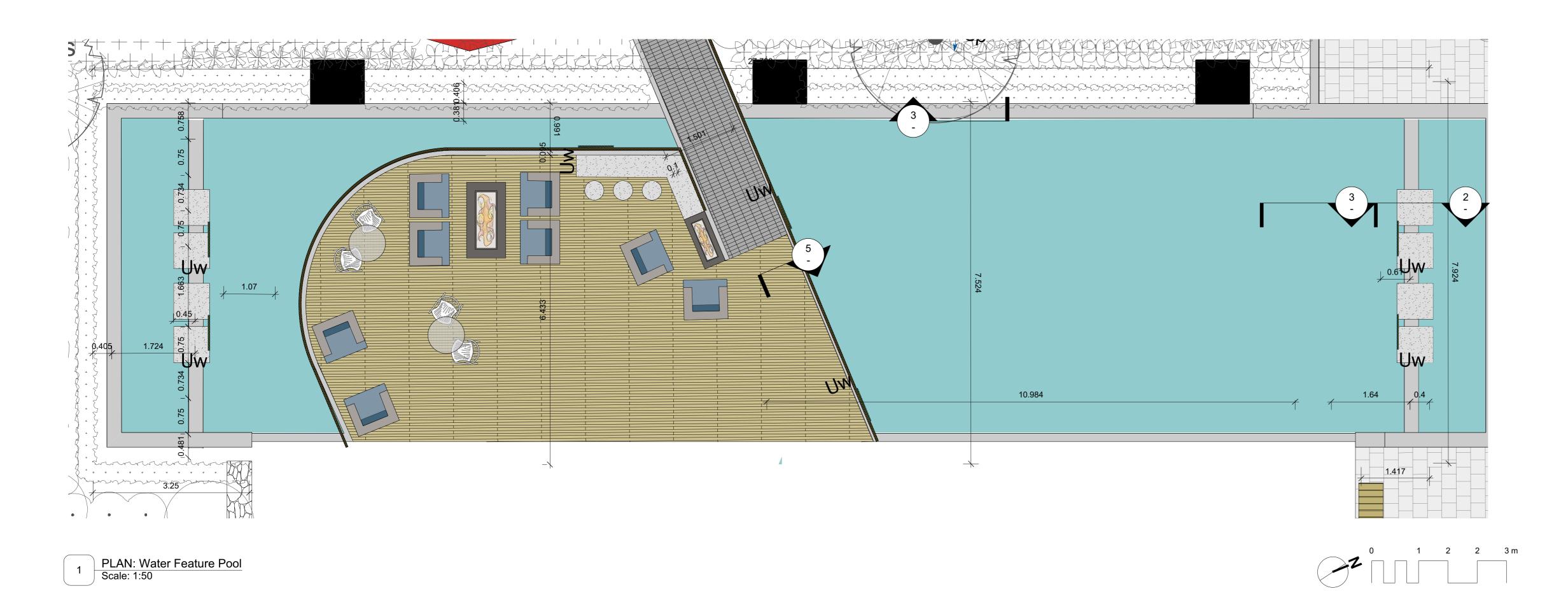




SHOP DRAWING: Mini Zip In-Ground Light







Issue

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C 2019-12-19 Issue for BP

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Paving at grade

Concrete structure slab & buildup layers refer to arch & structural dwgs. & specs

Dark granite stone
Dark granite tile on adjustable plinth
Dark granite tile on adjustable plinth
Dark granite tile on adjustable plinth
Strip light below waterfall
Concrete structure slab & buildup layers refer to arch & structural dwgs. & specs

SECTION: Stone Unit / Waterfall
Scale: 1:15





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Drawing Title

**Details - Water Feature** 

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Leg

Project Manager NT	Project ID 21925
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Date 2019/10/25	L17.0 of
	42
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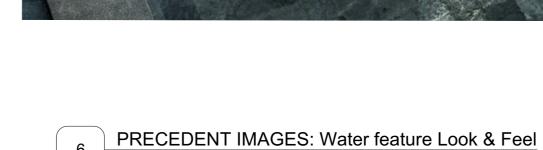
Dark granite tile resessed into concrete wall

Dark granite tile on adjustable plinth

Concrete structure slab & buildup layers refer to arch & structural dwgs. & specs

SECTION: Lower Edge / Wall

Scale: 1:15



Porcelain paver D

Resessed strip light

Dark granite tile on adjustable plinth

Concrete structure slab & buildup layers refer to arch & structural dwgs. & specs

SECTION: Platform Edge Detail

SECTION: Upper Wall

Scale: 1:15

0



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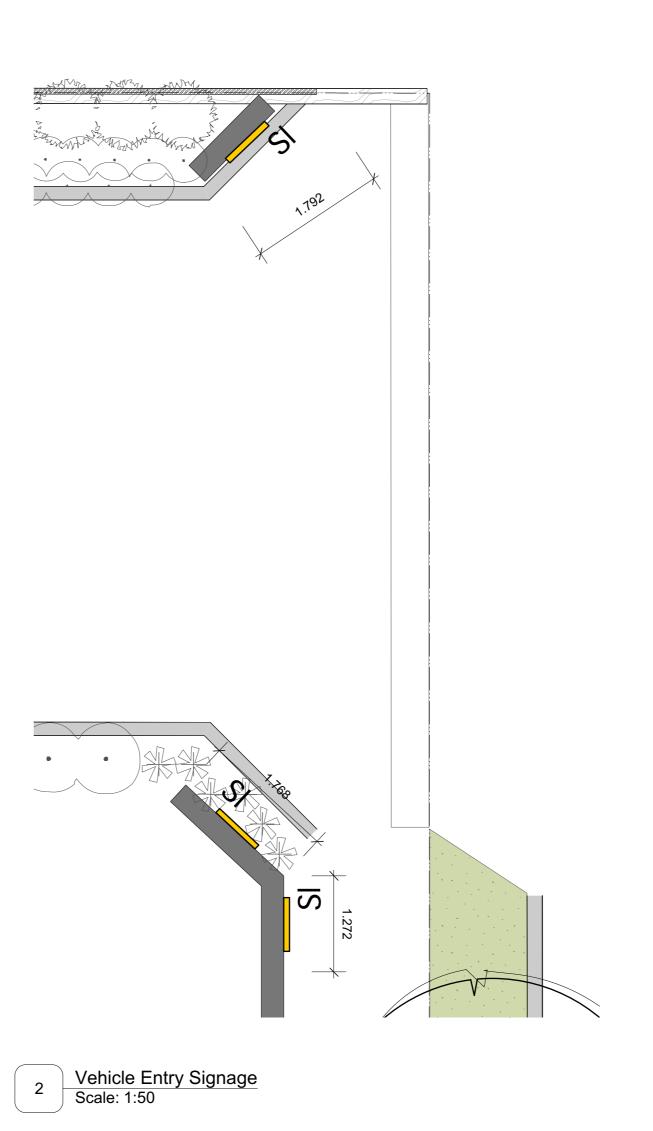
Drawing Title

Details - Signage

1.0



Plot Date: 20-1-6 21925 303 Marine\_RZ/DPMA REV.vwx



PLAN: Signage Feature
Scale: 1:50



3 PRECEDENT IMAGE: Vechicle Entry Wall

NOTE: Signage to be designed by others