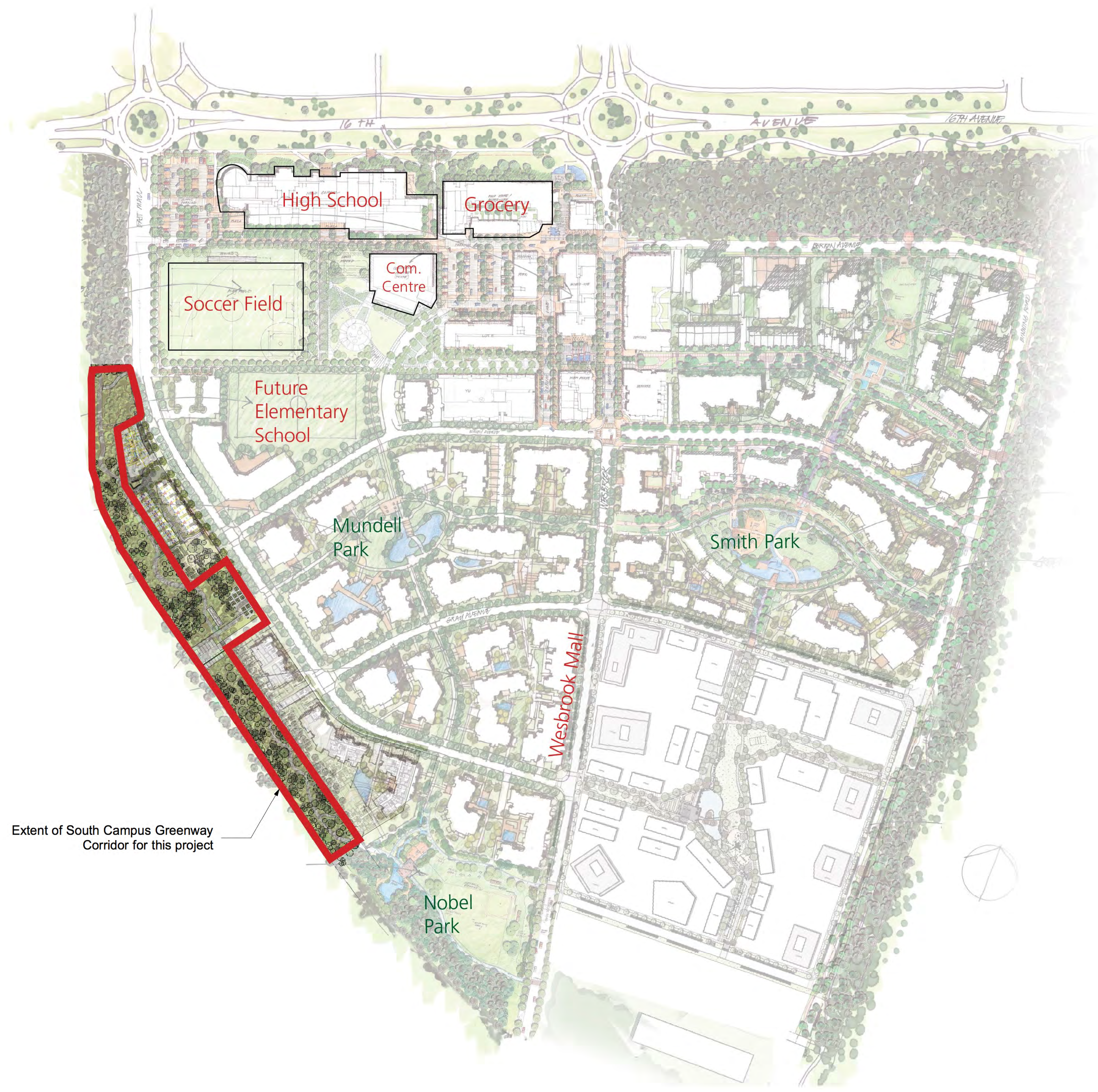


**DRAWING LEGEND**

Cover Sheet ..... L 0.0  
 Connectivity Plan ..... L 0.1  
 Context Plan ..... L 0.2  
 Layout Plan 1 ..... L 1.0  
 Layout Plan 2 ..... L 1.1  
 Layout Plan 3 ..... L 1.2  
 Tree Removal Plan 1 ..... L 2.0  
 Tree Removal Plan 2 ..... L 2.1  
 Tree Removal Plan 3 ..... L 2.2  
 Demolition Plan ..... L 3.0  
 Schematic Planting Plan 1 ..... L 4.0  
 Schematic Planting Plan 2 ..... L 4.1  
 Schematic Planting Plan 3 ..... L 4.2  
 Rehabilitation Planting ..... L 4.3  
 Landscape Details 1 ..... L 5.0  
 Landscape Details 2 ..... L 5.1  
 Illustrative Sections 1 ..... L 6.0  
 Illustrative Sections 2 ..... L 6.1



Extent of South Campus Greenway Corridor for this project

2	Issued for DP Board	07/10/2019
1	Issued for Development Permit	05/16/2019
	Revision No.	Date

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Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Cover Sheet**

Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
	NTS	
Sheet No.:		

**L 0.0**



- Existing Greenway Corridors
- Existing Pedestrian Connections
- Proposed Greenway

Existing mature forest

Existing mature forest

Detention Pond

Proposed Greenway Trail to be Completed

Continuous Wildlife Corridor

Continuous Wildlife Corridor

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Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Wesbrook Village Pacific Spirit Park Connectivity Plan**

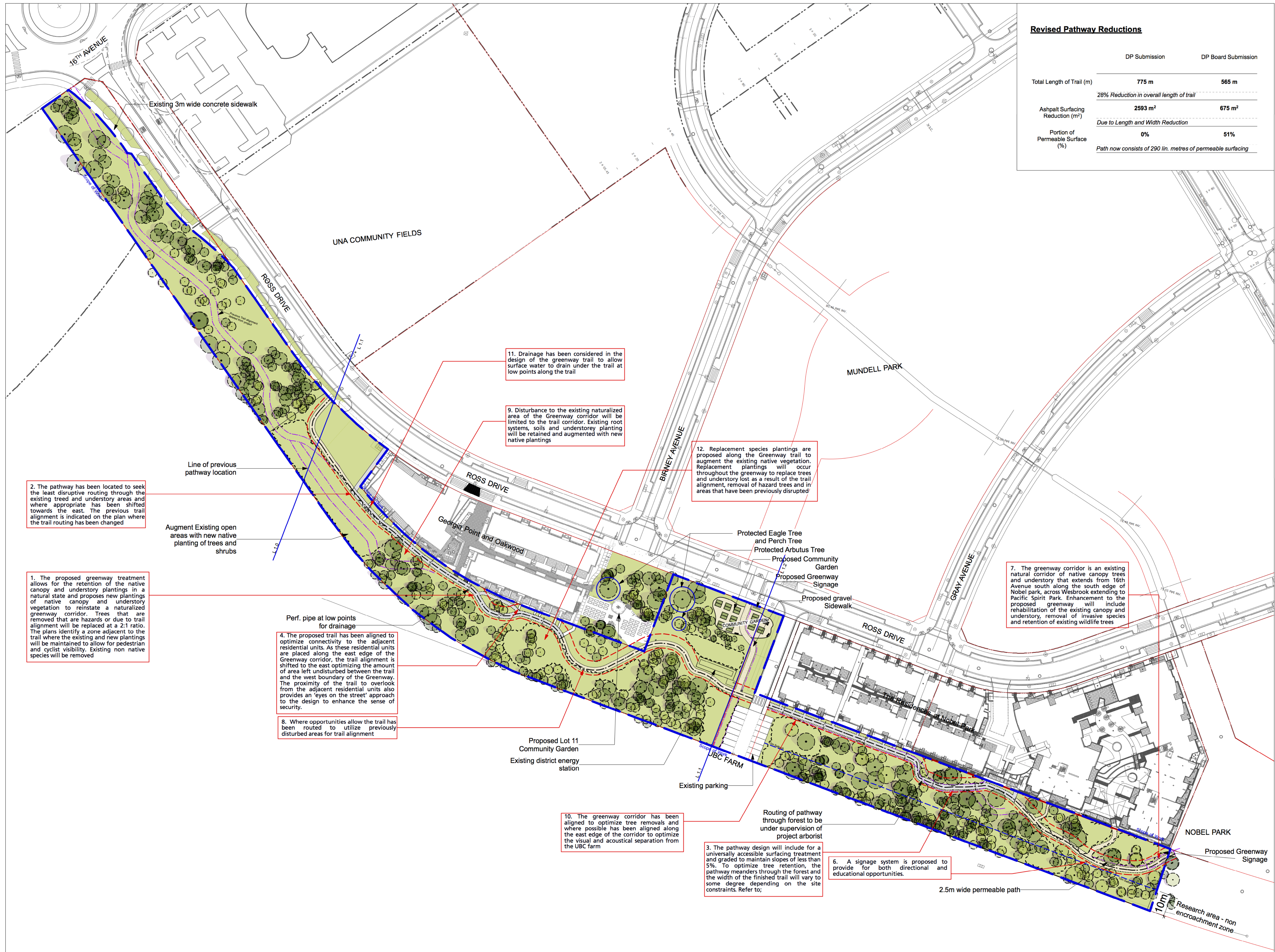
Project North:	Drawn By:	KS
	Checked By:	MP

Scale:	Job No.:	12-075
	NTS	

Sheet No.:

**Revised Pathway Reductions**

	DP Submission	DP Board Submission
Total Length of Trail (m)	775 m	565 m
28% Reduction in overall length of trail		
Asphalt Surfacing Reduction (m <sup>2</sup> )	2593 m <sup>2</sup>	675 m <sup>2</sup>
Due to Length and Width Reduction		
Portion of Permeable Surface (%)	0%	51%
Path now consists of 290 lin. metres of permeable surfacing		



2. The pathway has been located to seek the least disruptive routing through the existing treed and understory areas and where appropriate has been shifted towards the east. The previous trail alignment is indicated on the plan where the trail routing has been changed

1. The proposed greenway treatment allows for the retention of the native canopy and understory plantings in a natural state and proposes new plantings of native canopy and understory vegetation to reinstate a naturalized greenway corridor. Trees that are removed that are hazards or due to trail alignment will be replaced at a 2:1 ratio. The plans identify a zone adjacent to the trail where the existing and new plantings will be maintained to allow for pedestrian and cyclist visibility. Existing non native species will be removed

Augment Existing open areas with new native planting of trees and shrubs

Line of previous pathway location

4. The proposed trail has been aligned to optimize connectivity to the adjacent residential units. As these residential units are placed along the east edge of the Greenway corridor, the trail alignment is shifted to the east optimizing the amount of area left undisturbed between the trail and the west boundary of the Greenway. The proximity of the trail to overlook from the adjacent residential units also provides an 'eyes on the street' approach to the design to enhance the sense of security.

8. Where opportunities allow the trail has been routed to utilize previously disturbed areas for trail alignment

11. Drainage has been considered in the design of the greenway trail to allow surface water to drain under the trail at low points along the trail

9. Disturbance to the existing naturalized area of the Greenway corridor will be limited to the trail corridor. Existing root systems, soils and understory planting will be retained and augmented with new native plantings

12. Replacement species plantings are proposed along the Greenway trail to augment the existing native vegetation. Replacement plantings will occur throughout the greenway to replace trees and understory lost as a result of the trail alignment, removal of hazard trees and in areas that have been previously disrupted

7. The greenway corridor is an existing natural corridor of native canopy trees and understory that extends from 16th Avenue south along the south edge of Nobell park, across Wesbrook extending to Pacific Spirit Park. Enhancement to the proposed greenway will include rehabilitation of the existing canopy and understory, removal of invasive species and retention of existing wildlife trees

10. The greenway corridor has been aligned to optimize tree removals and where possible has been aligned along the east edge of the corridor to optimize the visual and acoustical separation from the UBC farm

3. The pathway design will include for a universally accessible surfacing treatment and graded to maintain slopes of less than 5%. To optimize tree retention, the pathway meanders through the forest and the width of the finished trail will vary to some degree depending on the site constraints. Refer to;

6. A signage system is proposed to provide for both directional and educational opportunities.

Protected Eagle Tree and Perch Tree  
 Protected Arbutus Tree  
 Proposed Community Garden  
 Proposed Greenway Signage  
 Proposed gravel Sidewalk

Proposed Lot 11 Community Garden  
 Existing district energy station

Existing parking

Routing of pathway through forest to be under supervision of project arborist

2.5m wide permeable path

10m Research area - non encroachment zone

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Client: **UBC Properties Trust**

Project Title: **UBC South Campus GREENWAY**

Drawing Title: **South Campus Greenway Context Plan**

Project North: Drawn By: KS  
 Checked By: MP  
 Scale: 1:750 Job No.: 12-075  
 Sheet No.:



**DETAIL KEYS**

- |             |  |             |                                   |
|-------------|--|-------------|-----------------------------------|
| 1<br>L 5.0  | Granular Paving over Critical Root Zone  | 6<br>L 5.0  | Light Post                        |
| 2<br>L 5.0  | Path over Rootzone of Existing Trees     | 7<br>L 5.1  | Garbage Bin                       |
| 3<br>L 5.0  | Granite Fines Path                       | 8<br>L 5.1  | Educational Signage/Trail Markers |
| 4A<br>L 5.0 | Raised Asphalt Path                      | 9<br>L 5.1  | Community Garden Fence            |
| 4B<br>L 5.0 | Raised Asphalt Path with perforated pipe | 10<br>L 5.1 | Garden Beds                       |
| 4C<br>L 5.0 | Raised Asphalt Path with boulders        | 11<br>L 5.1 | Compost Bins                      |
| 5<br>L 5.0  | Entry Signage Wall                       |             |                                   |

**PLAN LEGEND**

- Area to be replanted with Native Plant Materials
- Area to be maintained to limit understory height and raise canopy height to maintain pedestrian visibility
- Line of old Path Layout
- Electrical wire routing path

MATCH LINE L 1.0

MATCH LINE L 1.1

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Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Landscape Layout Plan**

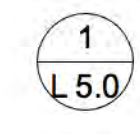
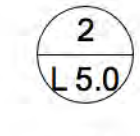
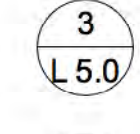
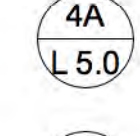
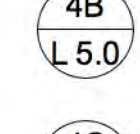
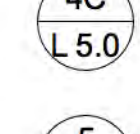
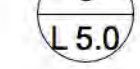
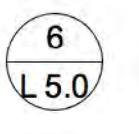

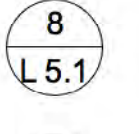
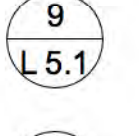
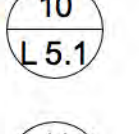
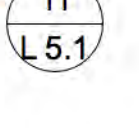
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	Checked By:	MP
Scale:	Job No.:	12-075
Sheet No.:		

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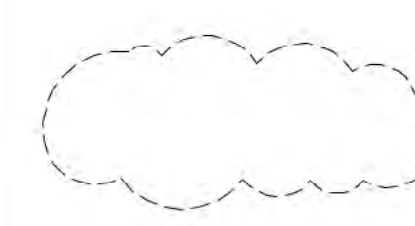



MATCH LINE L 1.0

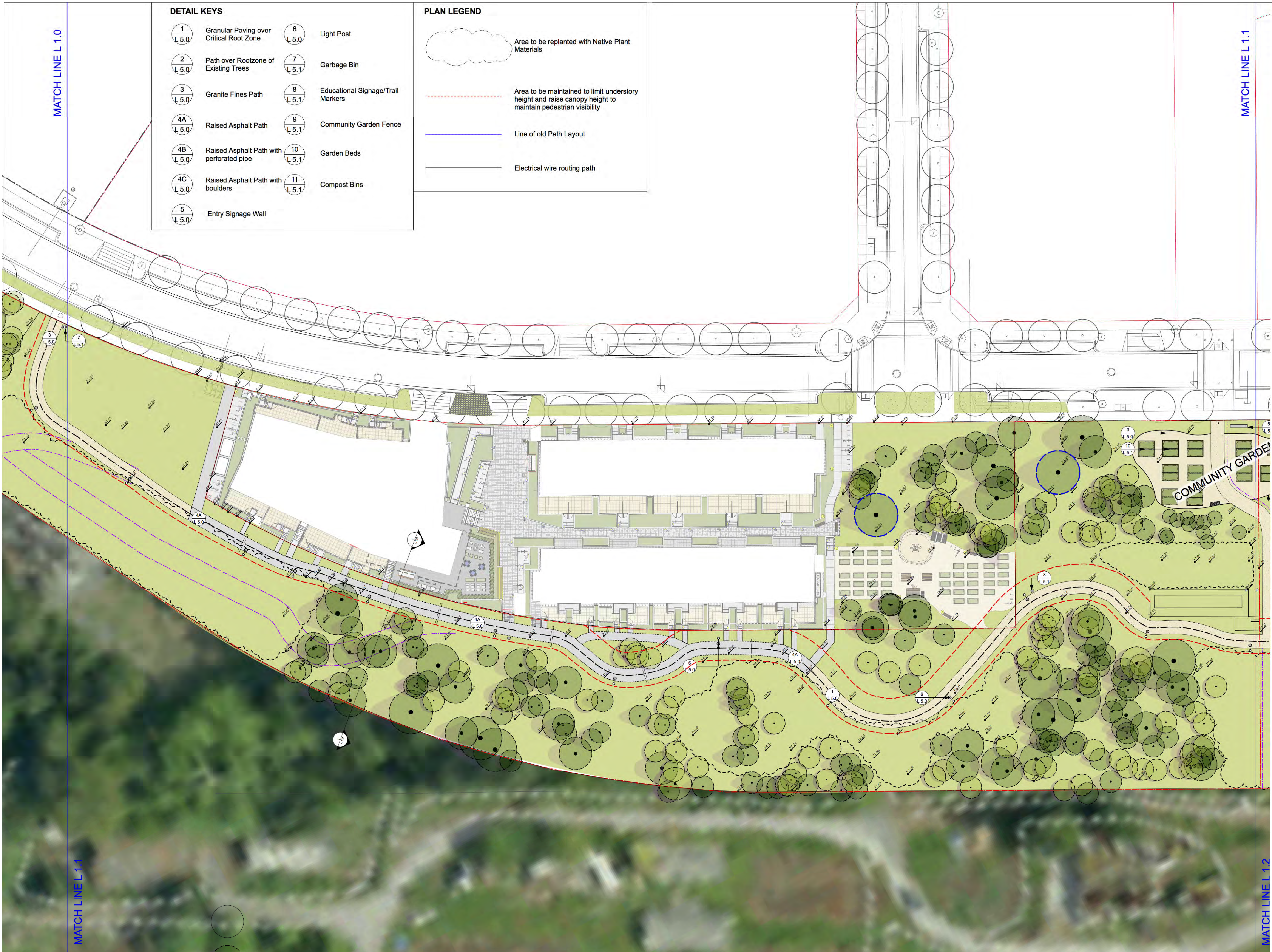
MATCH LINE L 1.1

DETAIL KEYS

-  1 Granular Paving over Critical Root Zone
-  2 Path over Rootzone of Existing Trees
-  3 Granite Fines Path
-  4A Raised Asphalt Path
-  4B Raised Asphalt Path with perforated pipe
-  4C Raised Asphalt Path with boulders
-  5 Entry Signage Wall
-  6 Light Post
-  7 Garbage Bin
-  8 Educational Signage/Trail Markers
-  9 Community Garden Fence
-  10 Garden Beds
-  11 Compost Bins

PLAN LEGEND

-  Area to be replanted with Native Plant Materials
-  Area to be maintained to limit understory height and raise canopy height to maintain pedestrian visibility
-  Line of old Path Layout
-  Electrical wire routing path



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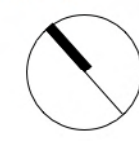
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Client:  
**UBC Properties Trust**



Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Landscape Layout Plan**

Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
Sheet No.:		

L 1.1

MATCH LINE L 1.1

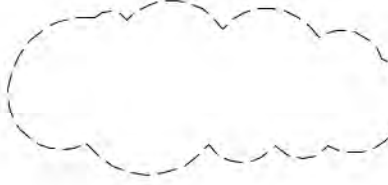



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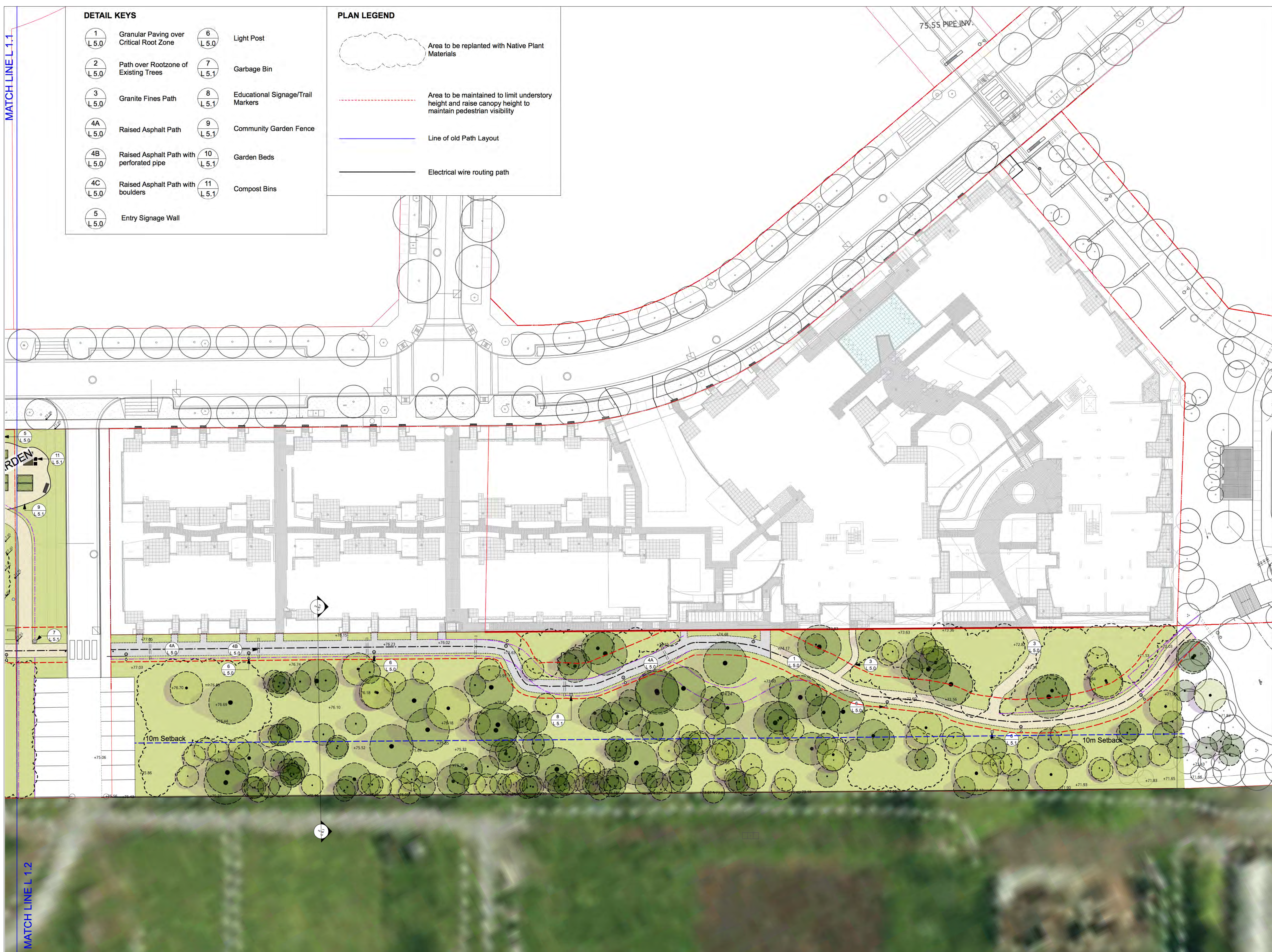
MATCH LINE L 1.1

DETAIL KEYS

- 1 L 5.0 Granular Paving over Critical Root Zone
- 2 L 5.0 Path over Rootzone of Existing Trees
- 3 L 5.0 Granite Fines Path
- 4A L 5.0 Raised Asphalt Path
- 4B L 5.0 Raised Asphalt Path with perforated pipe
- 4C L 5.0 Raised Asphalt Path with boulders
- 5 L 5.0 Entry Signage Wall
- 6 L 5.0 Light Post
- 7 L 5.1 Garbage Bin
- 8 L 5.1 Educational Signage/Trail Markers
- 9 L 5.1 Community Garden Fence
- 10 L 5.1 Garden Beds
- 11 L 5.1 Compost Bins

PLAN LEGEND

-  Area to be replanted with Native Plant Materials
-  Area to be maintained to limit understory height and raise canopy height to maintain pedestrian visibility
-  Line of old Path Layout
-  Electrical wire routing path



MATCH LINE L 1.2

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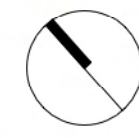
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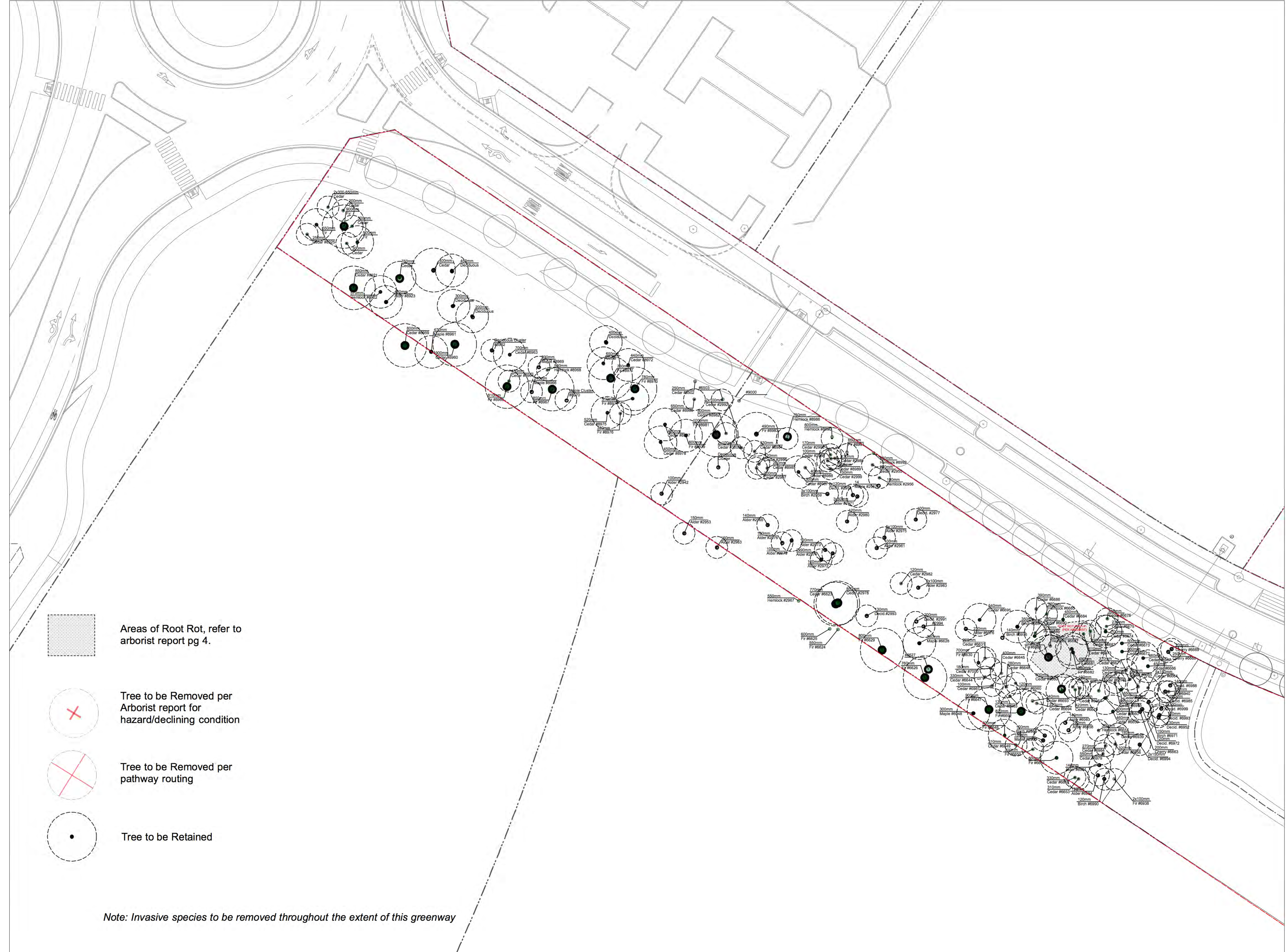
Client:  
**UBC Properties Trust**



Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Landscape Layout Plan**

Project North:	Drawn By:	KS
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Client:  
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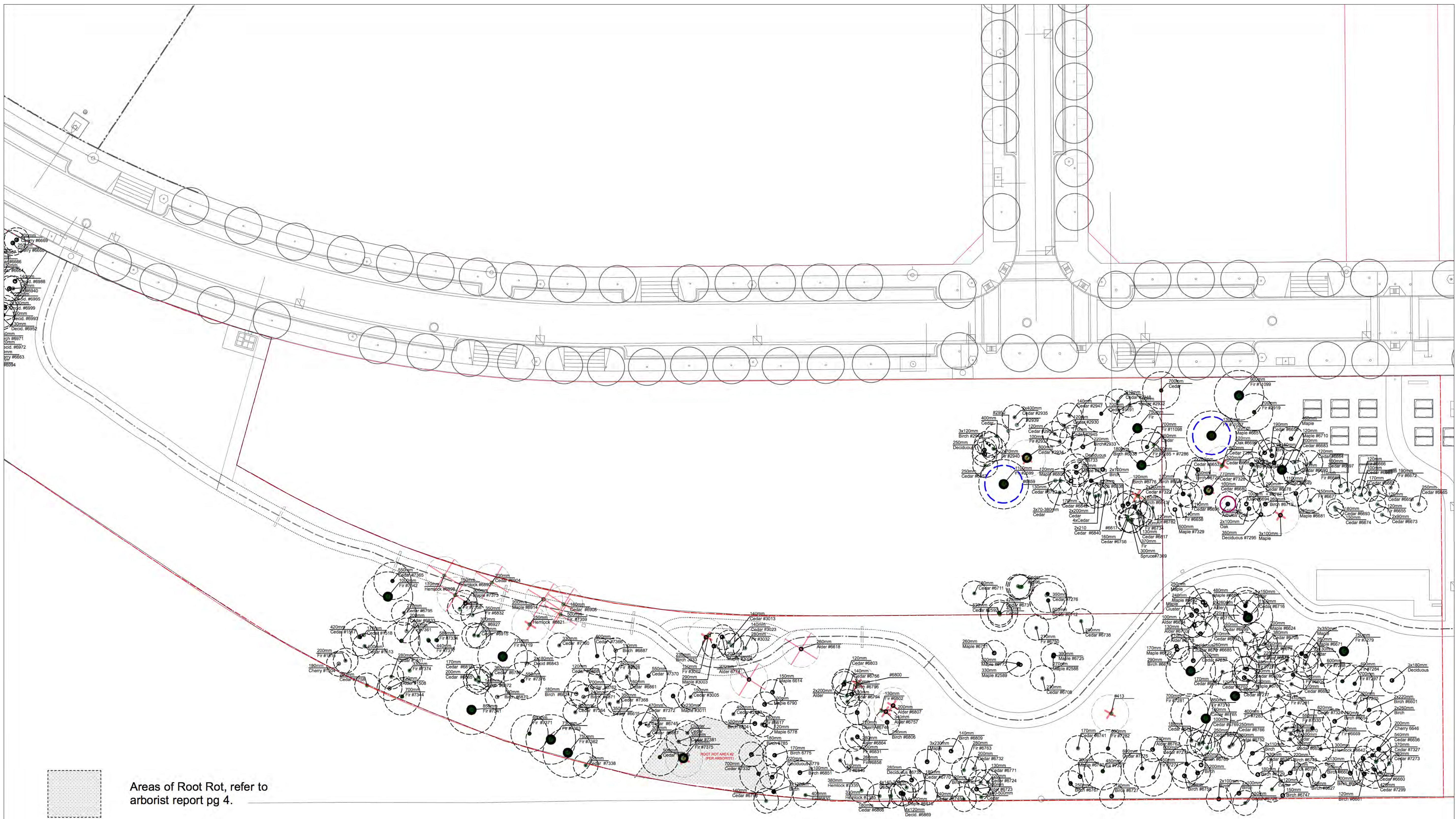
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**Tree Removal Plan**

Project North:	Drawn By:	KS
	Checked By:	MP


Scale:	Job No.:	12-075
		1:300


Sheet No.:

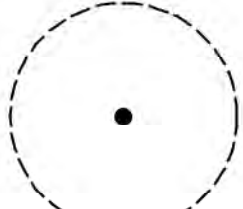
**L 2.0**



 Areas of Root Rot, refer to arborist report pg 4.

 Tree to be Removed per Arborist report for hazard/declining condition

 Tree to be Removed per pathway routing

 Tree to be Retained

Note: Invasive species to be removed throughout the extent of this greenway


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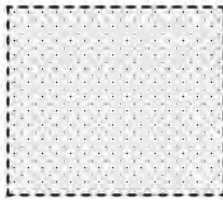

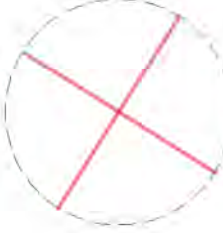
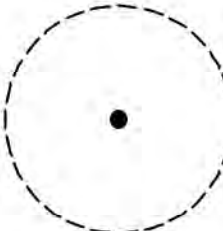
Client:  
**UBC Properties Trust**

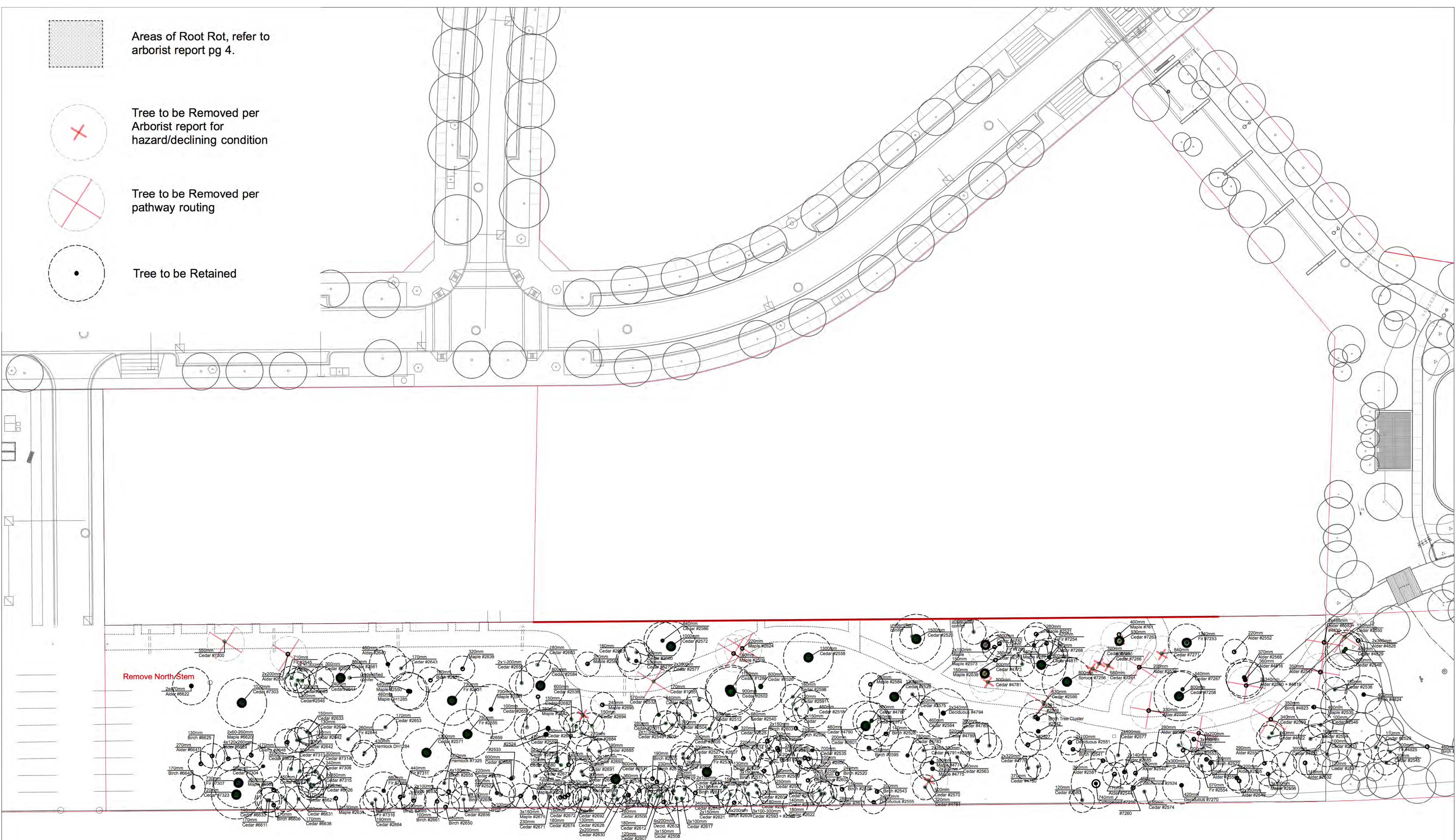
Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Tree Removal Plan**

Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
1:300		
Sheet No.:		



-  Areas of Root Rot, refer to arborist report pg 4.
-  Tree to be Removed per Arborist report for hazard/declining condition
-  Tree to be Removed per pathway routing
-  Tree to be Retained




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Client: **UBC Properties Trust**

Project Title: **UBC South Campus GREENWAY**

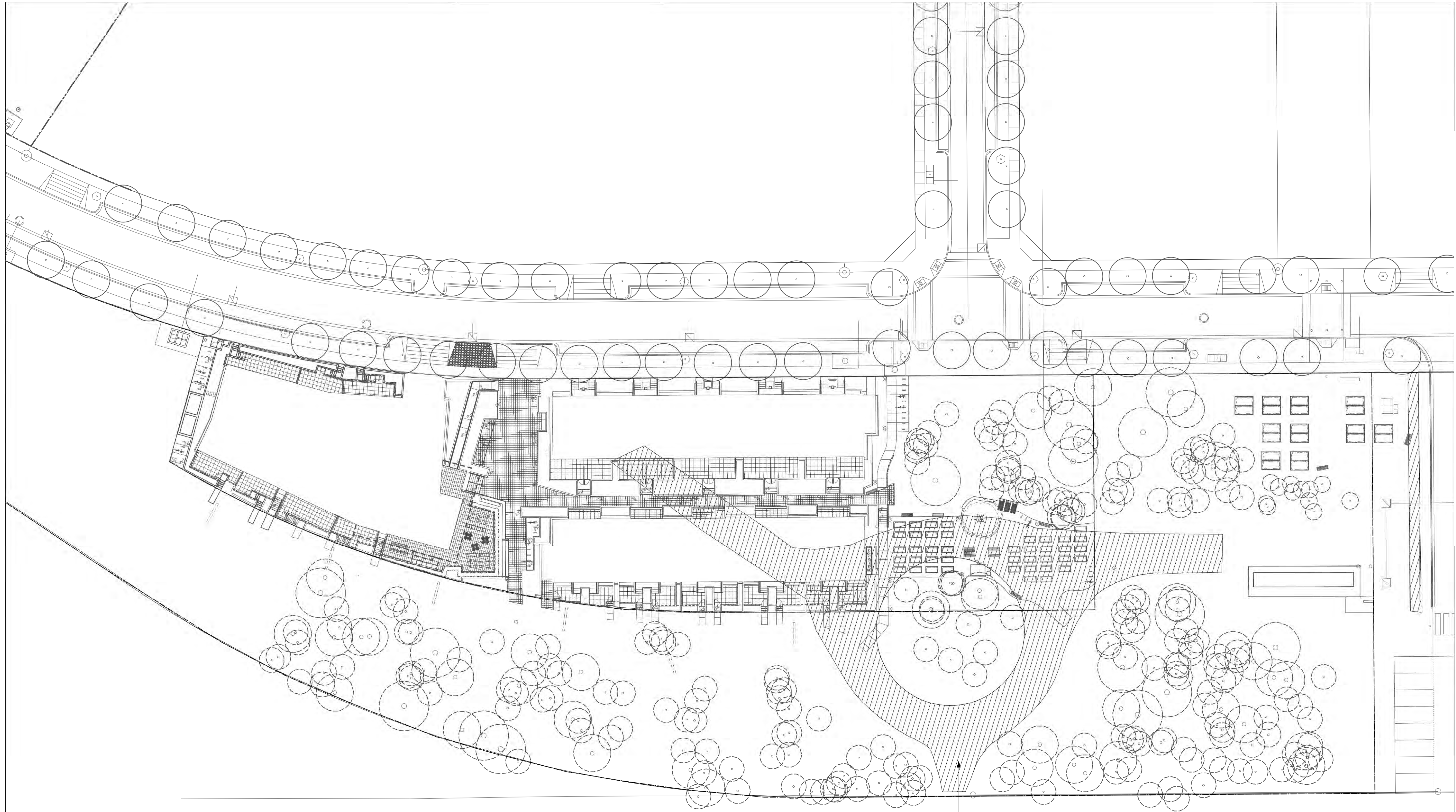
Drawing Title: **Tree Removal Plan**

Project North:  Drawn By: KS  
 Checked By: MP

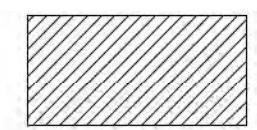
Scale: 1:300 Job No.: 12-075

Sheet No.:

Note: Invasive species to be removed throughout the extent of this greenway



PATHWAY ROUTING TO TAKE ADVANTAGE OF  
 EXISTING OLD ROAD STRUCTURE

 Existing Hardscape to be removed


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Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Demolition Plan**

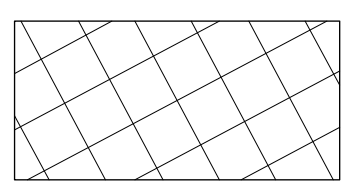
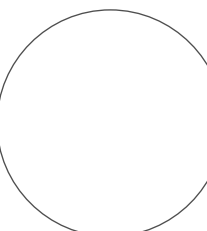
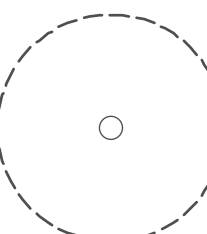
Project North:  Drawn By: KS  
 Checked By: MP

Scale: 1:300 Job No.: 12-075

Sheet No.:

**L 3.0**



-  Replacement/New Native Planting of Canopy, understory and ground cover
-  New Native Trees
-  Existing Trees

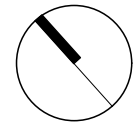
Revision No.	Description	Date
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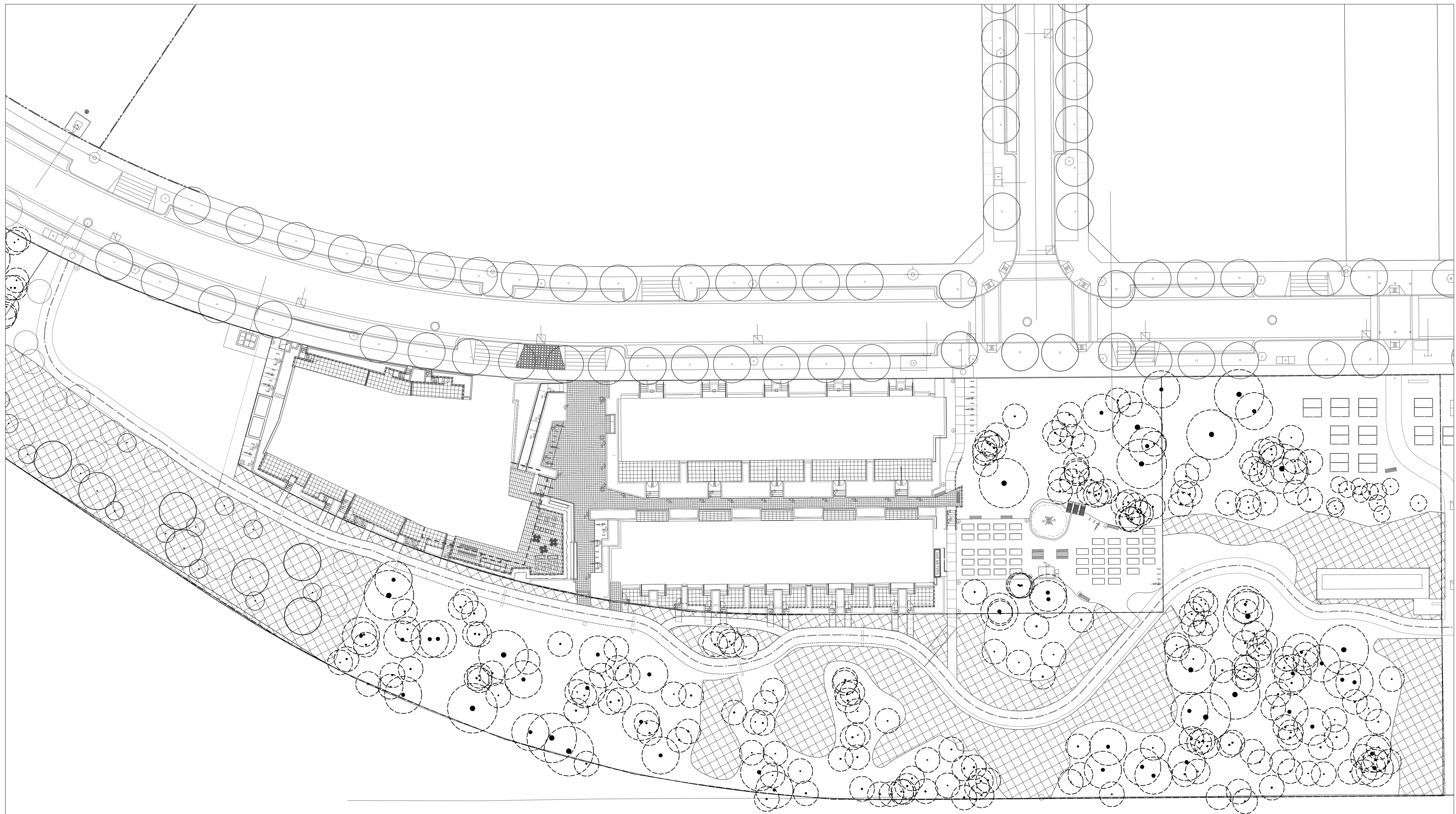
Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Schematic Planting Plan**

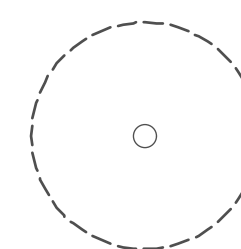
Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
1:300	Sheet No.:	

**L 4.0**



 Replacement/New Native  
 Planting of Canopy,  
 understory and ground cover

 New Native Trees

 Existing Trees

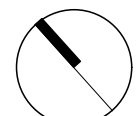
2	Issued for DP Board	07/10/2019
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	Revision No.	Date

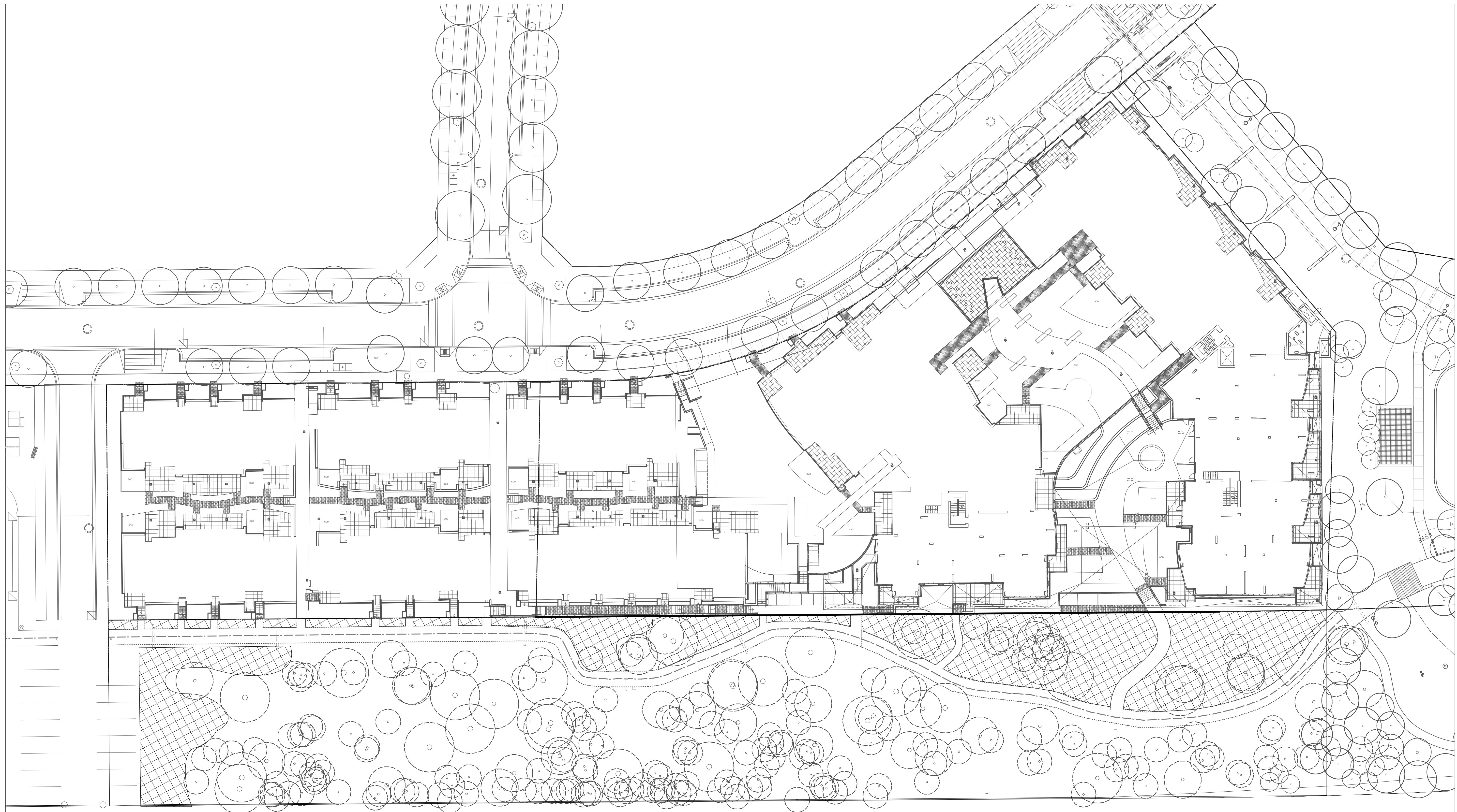
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Client:  
**UBC Properties Trust**

Project Title:  
**UBC South Campus  
 GREENWAY**

Drawing Title:  
**Schematic Planting Plan**

Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
1:300		
Sheet No.:		



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1	Issued for Development Permit	05/16/2019
Revision No.		Date

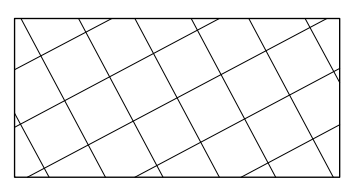
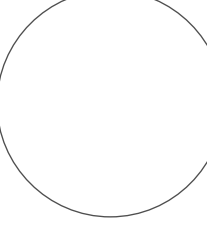
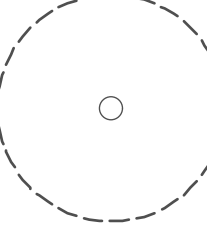
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Client: **UBC Properties Trust**

Project Title: **UBC South Campus GREENWAY**

Drawing Title: **Schematic Planting Plan**

Project North:	Drawn By:	KS
	Checked By:	MP
Scale:	Job No.:	12-075
1:300		
Sheet No.:		

-  Replacement/New Native Planting of Canopy, understory and ground cover
-  New Native Trees
-  Existing Trees



BLACKBERRY



HOLLY SPECIES



LAUREL SPECIES



SCOTCH BROOM

INVASIVE SPECIES TO BE REMOVED



FALSE LILY OF THE VALLEY



DWARF OREGON GRAPE



SALAL



DEER FERN

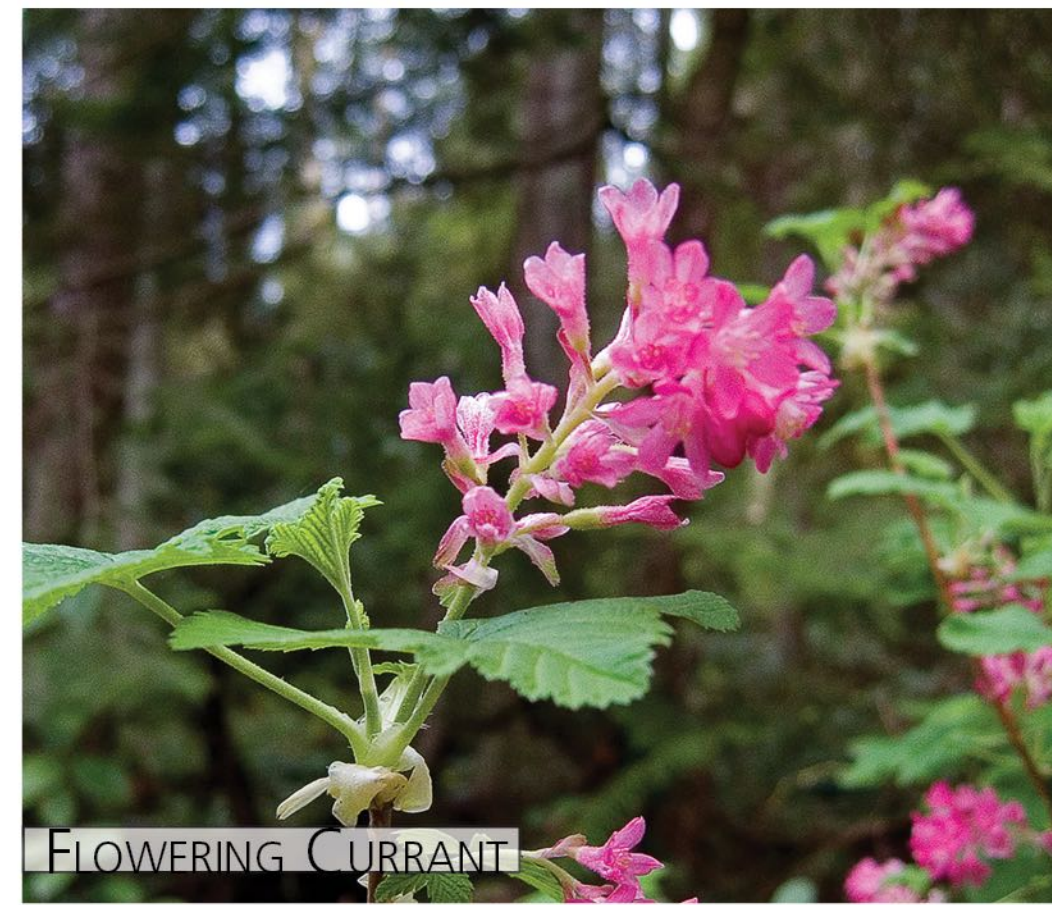


SWORD FERN

REHABILITATION PLANTING - GROUNDCOVER



DOGWOOD



FLOWERING CURRANT



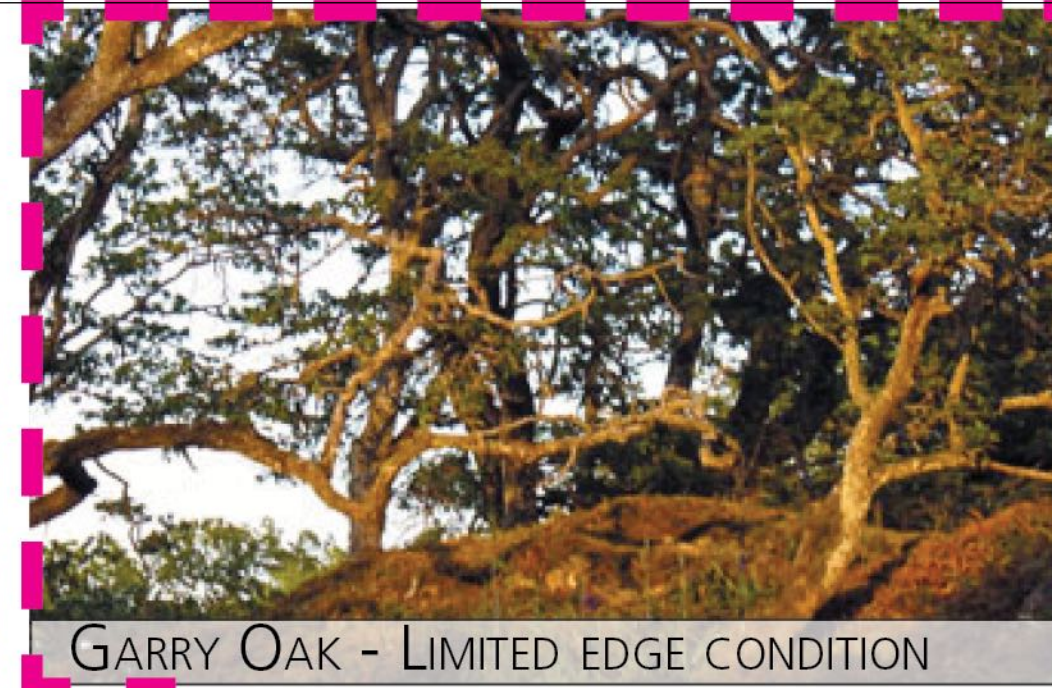
EVERGREEN HUCKLEBERRY



OCEANSPRAY



OREGON GRAPE



GARRY OAK - LIMITED EDGE CONDITION



ARBUTUS MENZIESII - LIMITED EDGE CONDITION



SHORE PINE



VINE MAPLE



DOGWOOD

REHABILITATION PLANTING - UNDER STOREY

LOOK FOR OPPORTUNITIES TO PLANT LIMITED NUMBERS OF ARBUTUS, GARRY OAK AND SHORE PINE

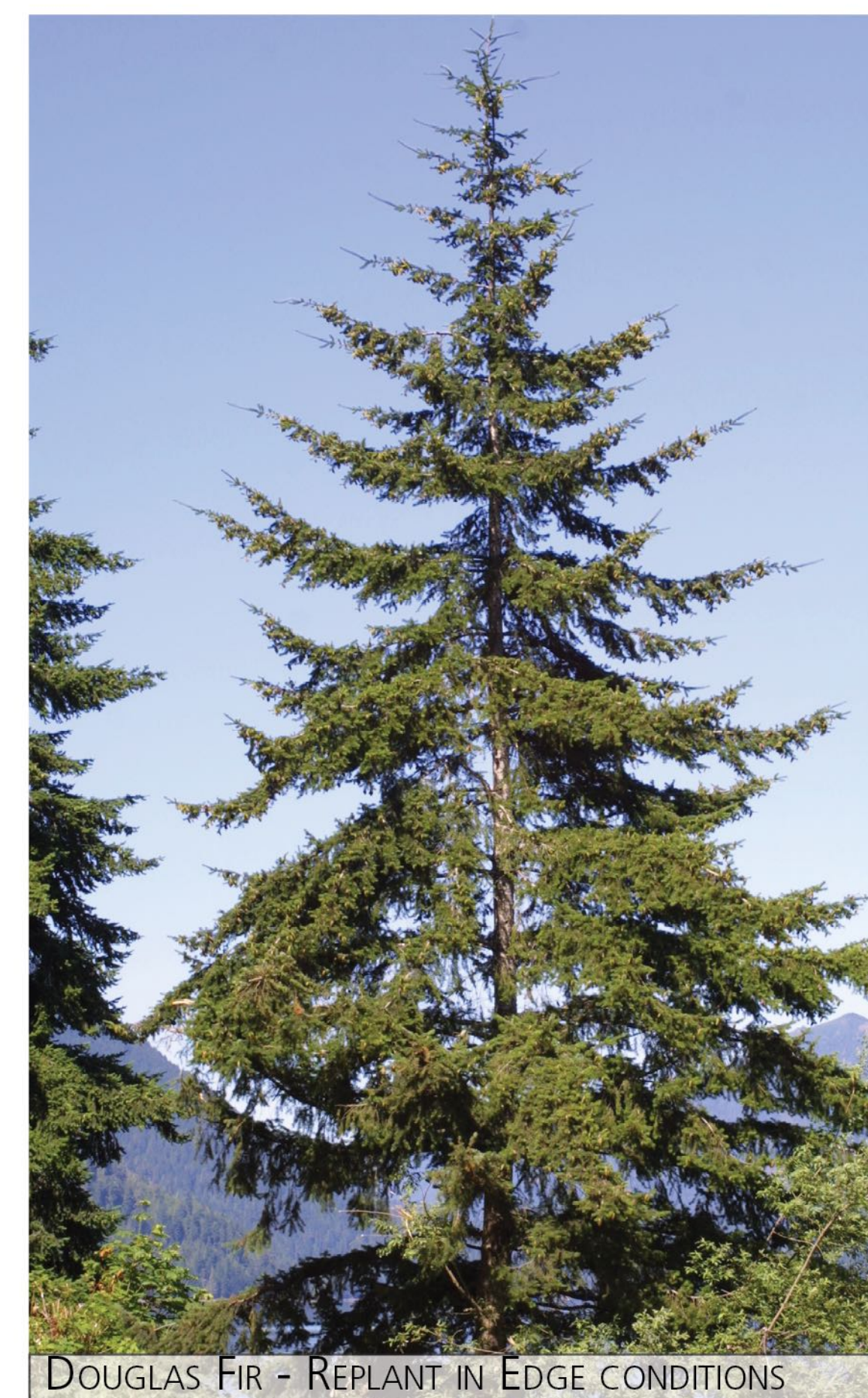
PROPOSED TREE INTRODUCTIONS



BIG LEAF MAPLE



GRAND FIR - SHADE TOLERANT, REPLANT IN EDGE CONDITIONS AND IN UNDER STOREY CONDITIONS



DOUGLAS FIR - REPLANT IN EDGE CONDITIONS

REHABILITATION PLANTING - UPPER STOREY

Table with 2 columns: Revision No., Date. Row 1: 2 Issued for DP Board 07/10/2019. Row 2: 1 Issued for Development Permit 05/16/2019.

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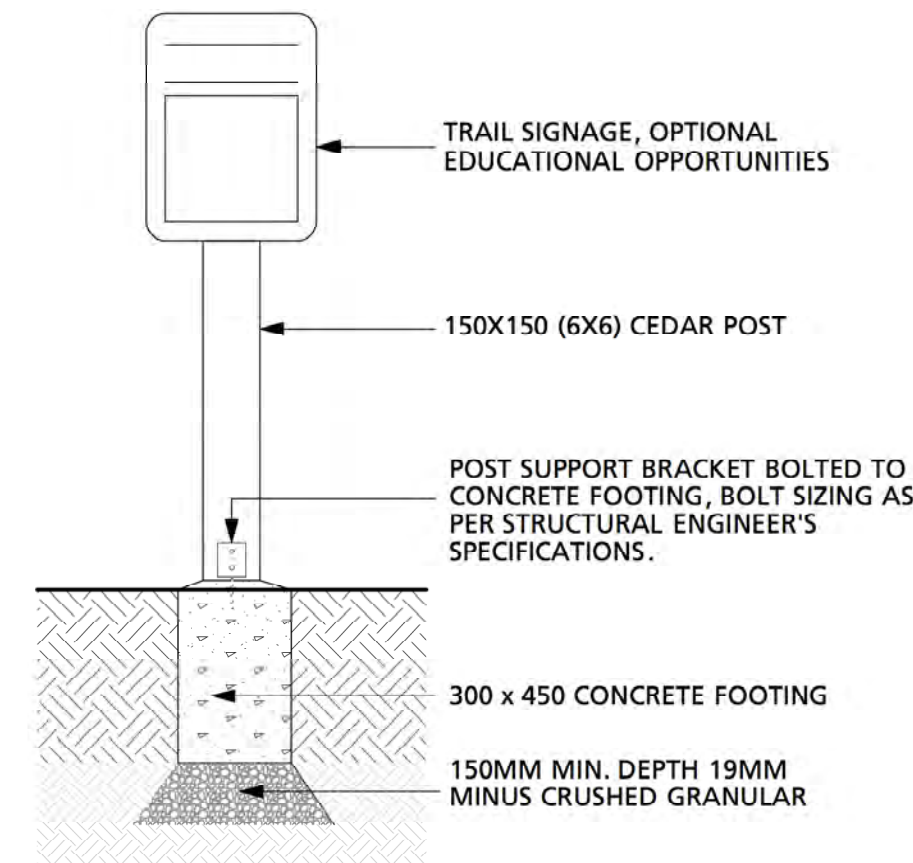
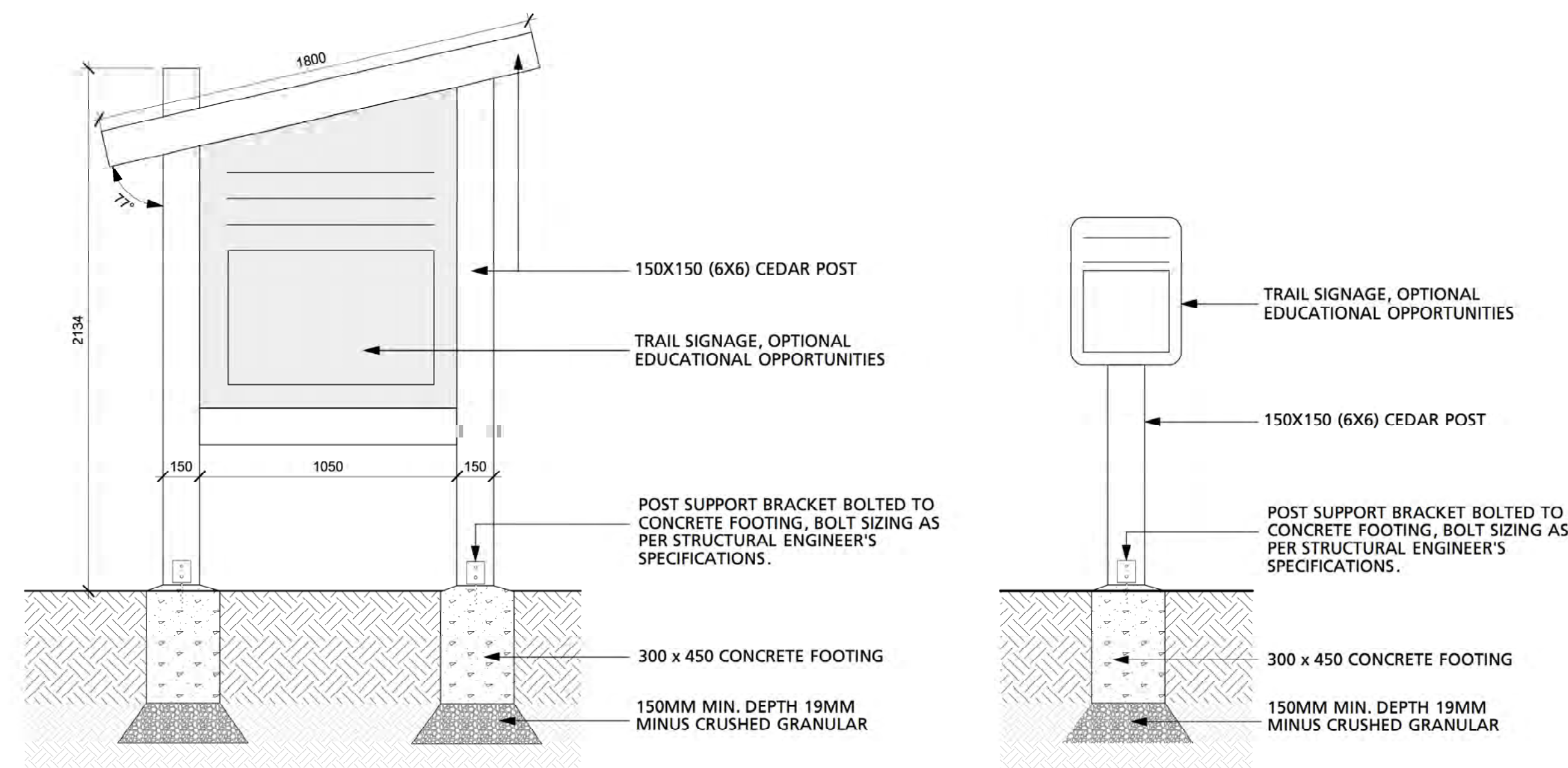
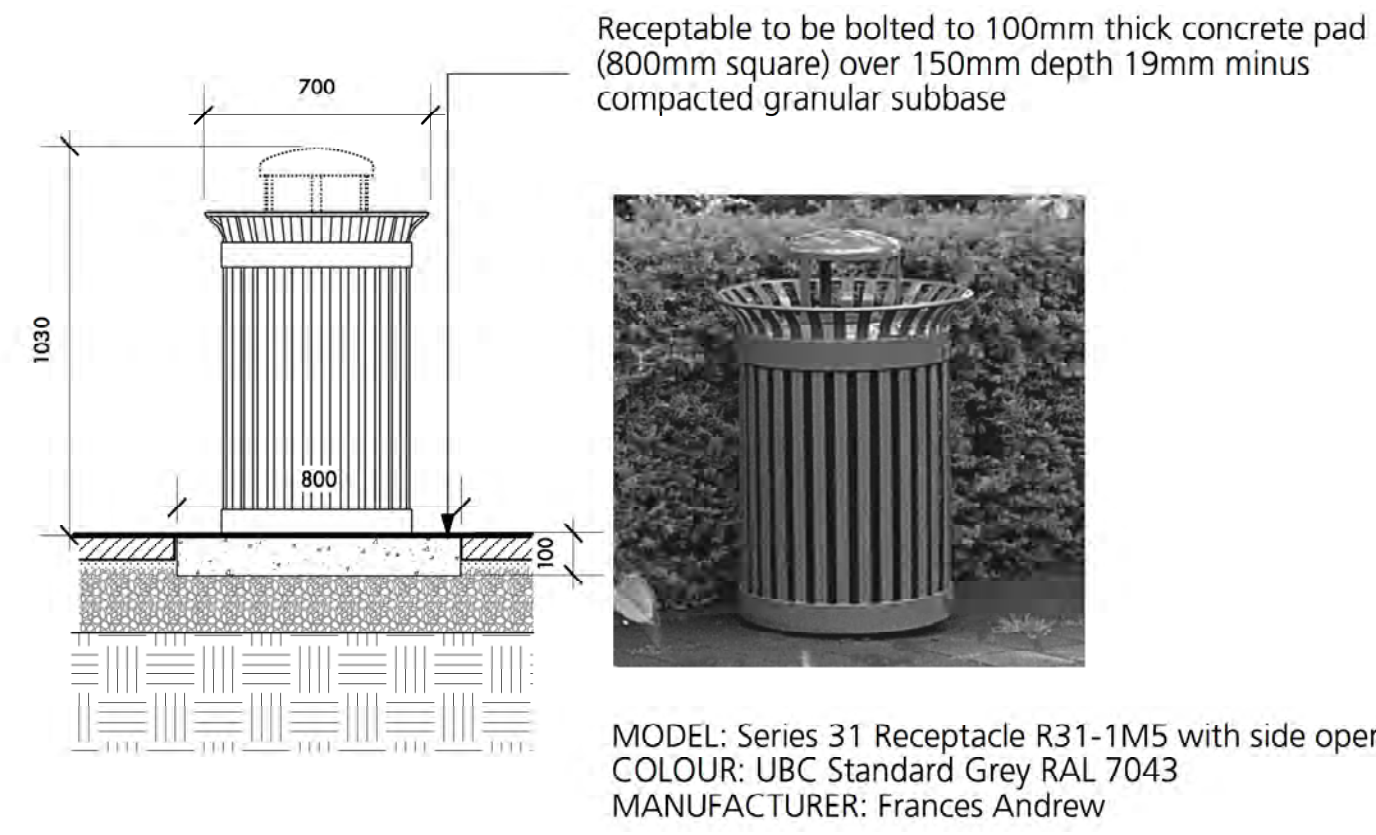
Client: UBC Properties Trust

Project Title: UBC South Campus GREENWAY

Drawing Title: Proposed Rehabilitation Planting

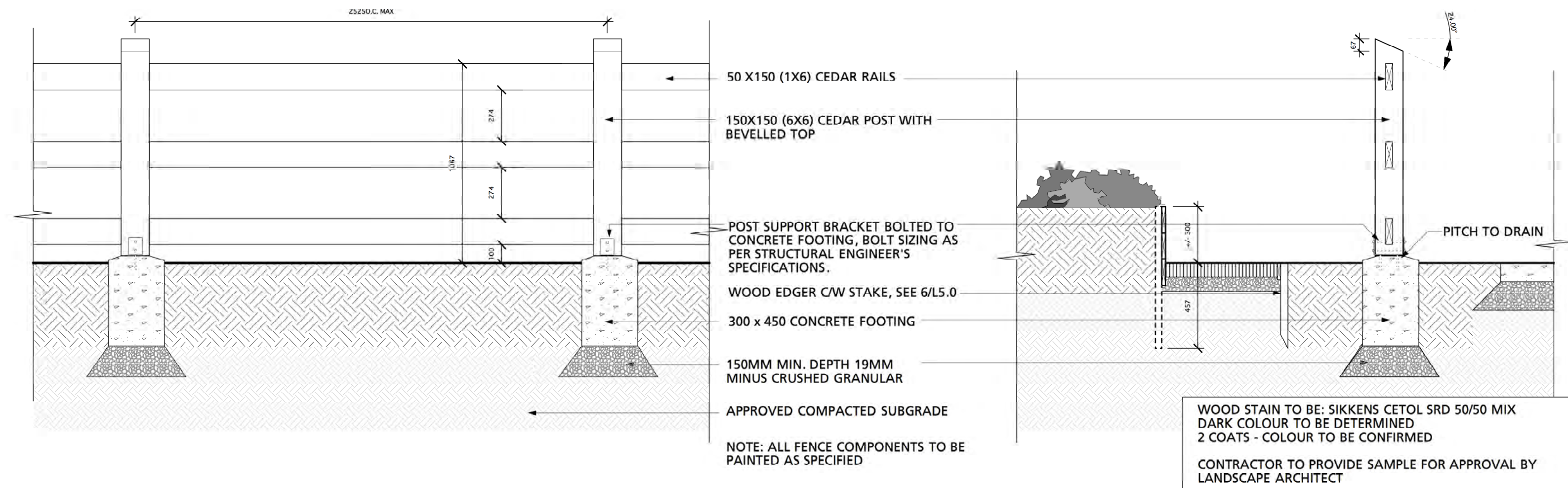
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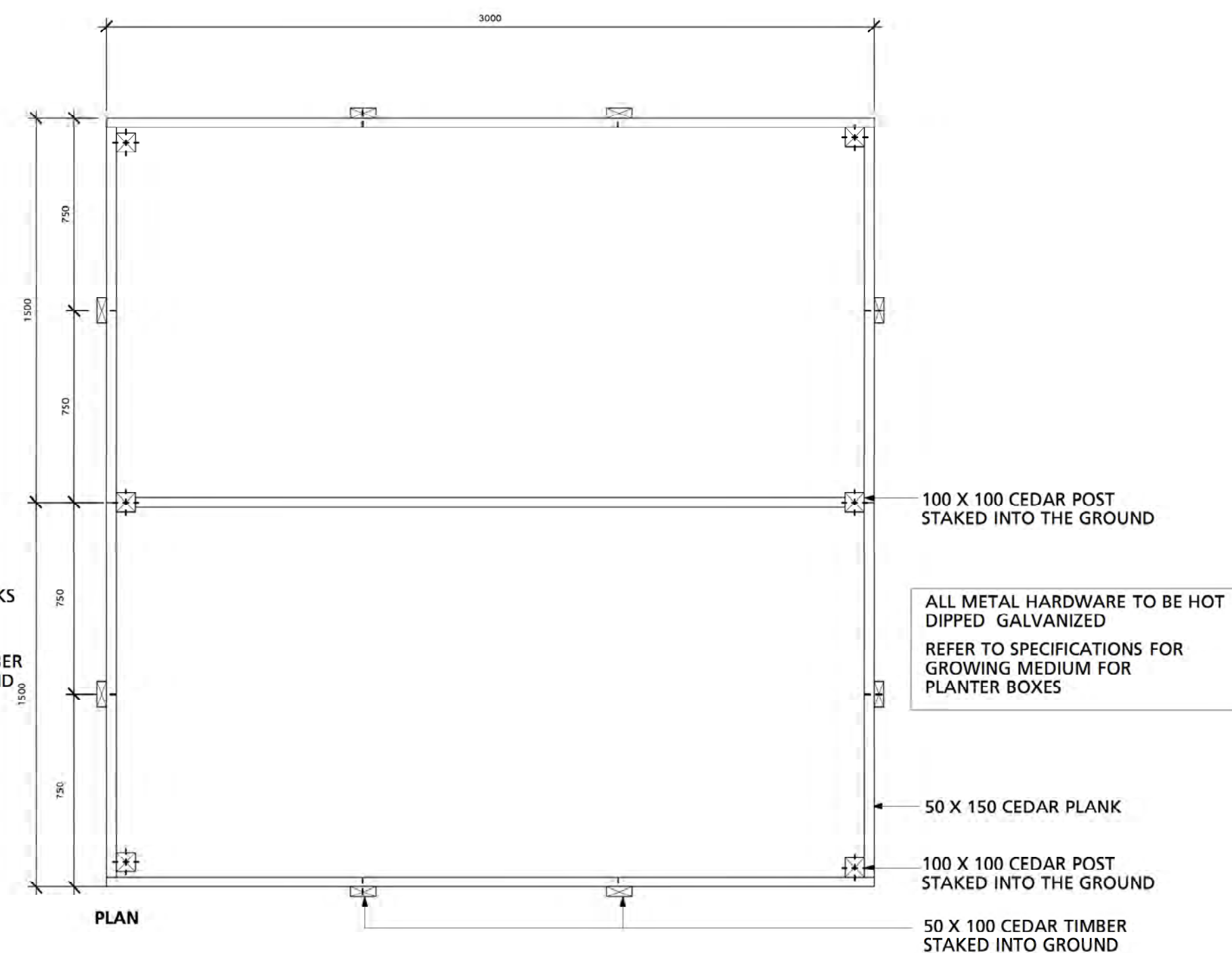
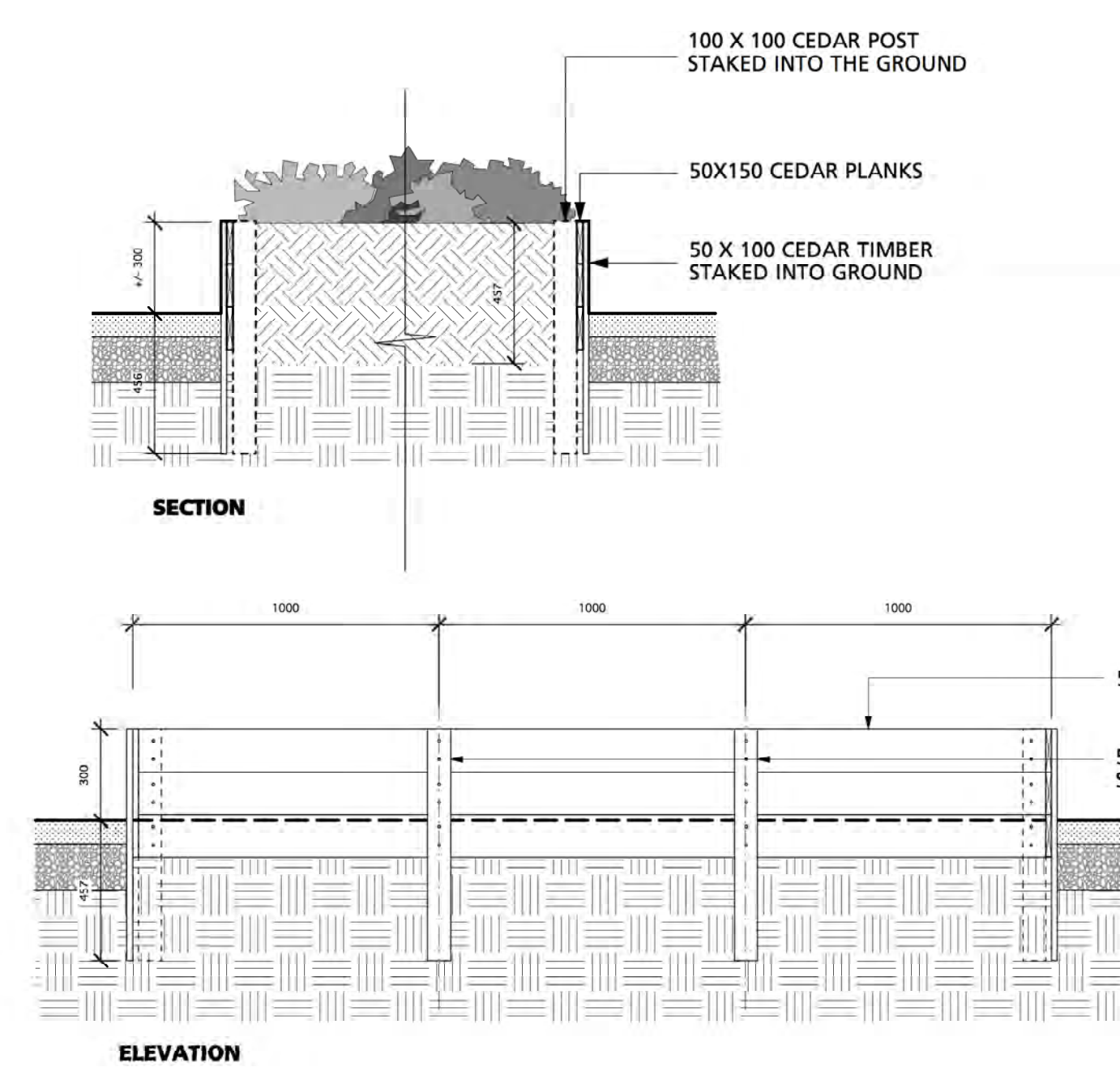


7 Garbage Bin  
1:20

8 Educational Signage/Trail Marker  
1:20



9 Community Garden Fence  
1:20



11 CUBIC FEET RECYCLED PLASTIC 'GARDEN GOURMET' COMPOST BIN OR APPROVED EQUAL  
 AVAILABLE FROM WWW.GARDENGOURMET.COM  
 COLOUR: BLACK  
 ASSEMBLE AS PER MANUFACTURER'S SPECIFICATIONS

10 Planter Beds  
1:20

11 Compost Bin  
NTS

2 Issued for DP Board 07/10/2019  
 1 Issued for Development Permit 05/16/2019  
 Revision No. Date

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Client: **UBC Properties Trust**

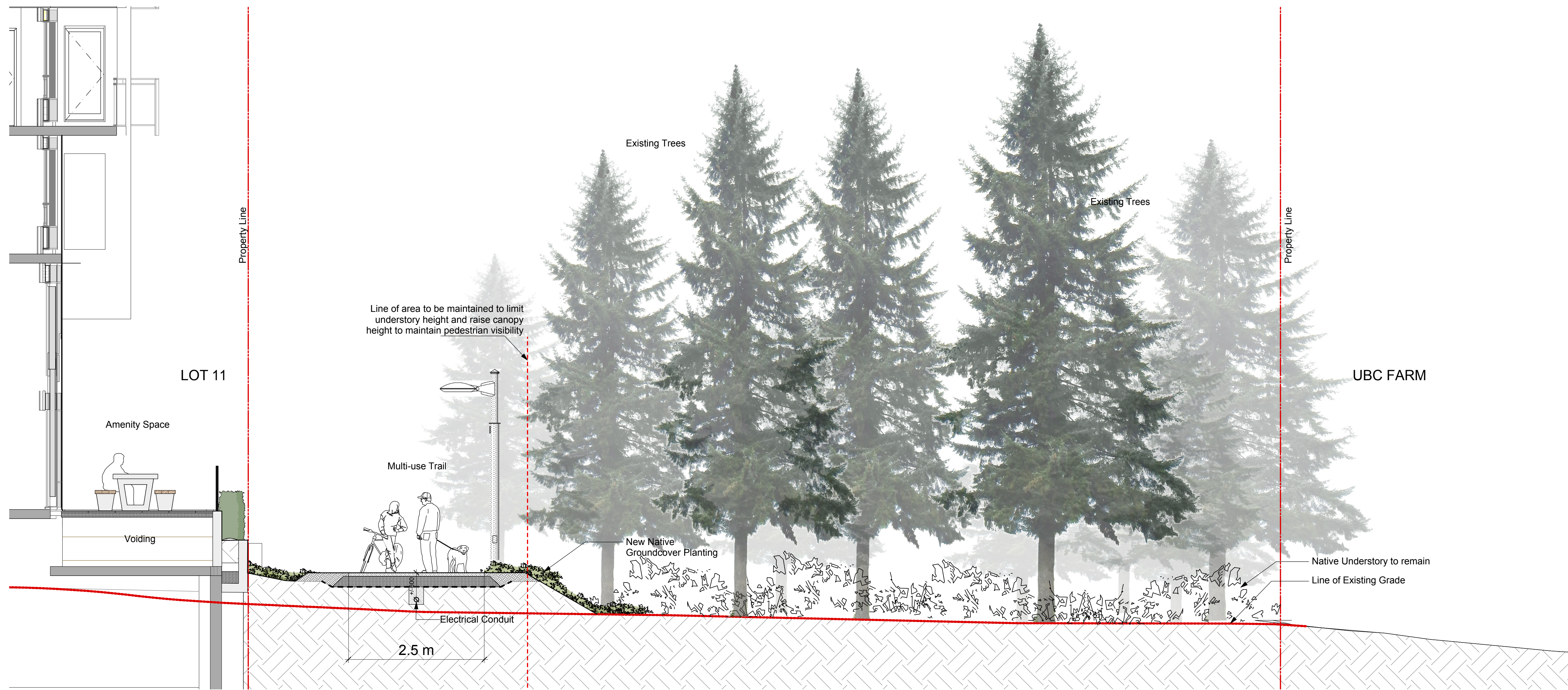


Project Title: **UBC South Campus GREENWAY**

Drawing Title: **Landscape Details**

Project North: Drawn By: KS  
 Checked By: MP  
 Scale: As Shown Job No.: 12-075  
 Sheet No.:



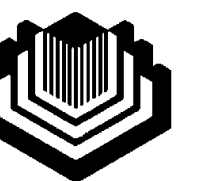


1 Section adjacent to Lot 11  
 1:50

2	Issued for DP Board	07/10/2019
1	Issued for Development Permit	05/16/2019
Revision No.		Date

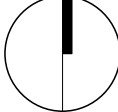
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Client:  
**UBC Properties Trust**



Project Title:  
**UBC South Campus GREENWAY**

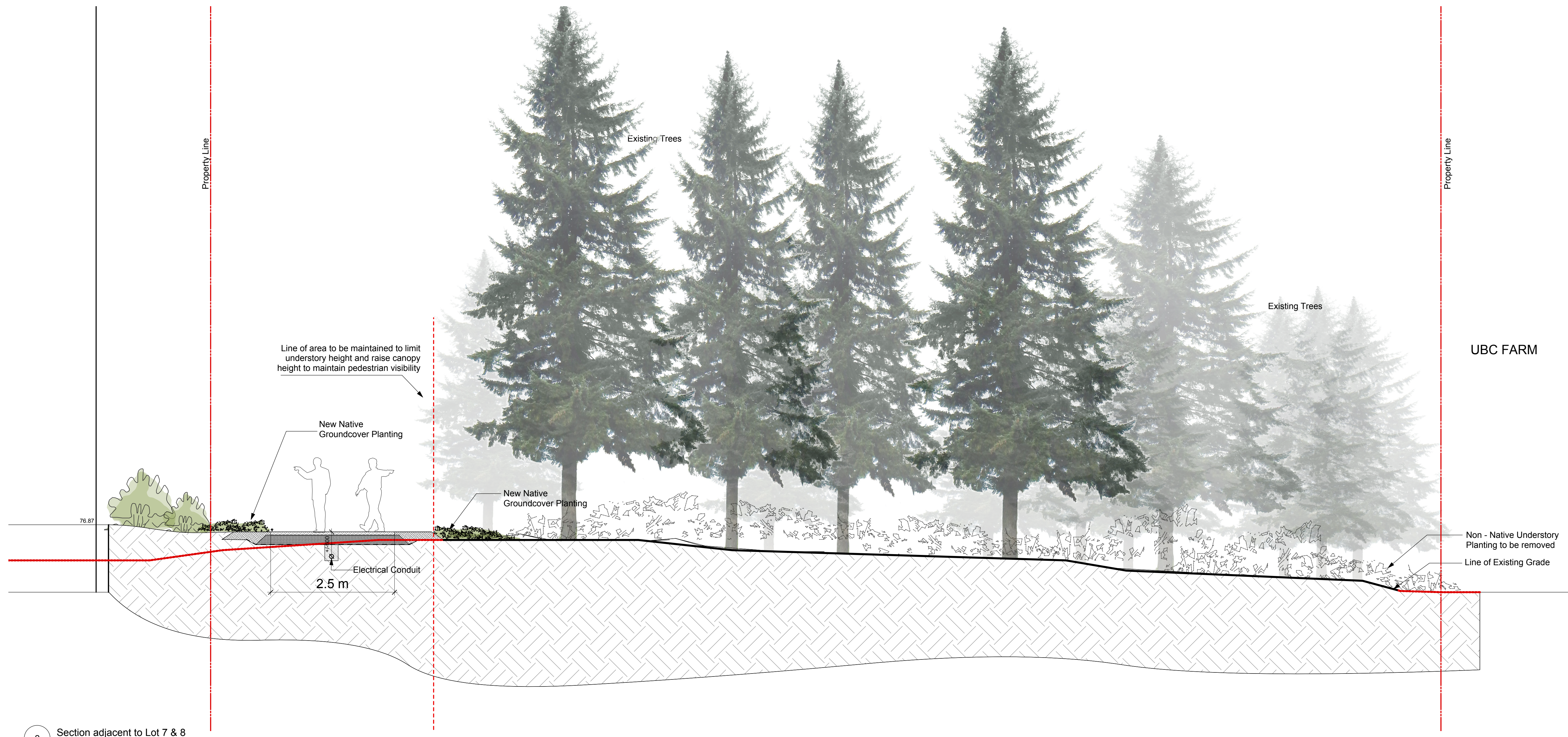
Drawing Title:  
**Landscape Sections**

Project North:  Drawn By: ks  
 Checked By: mp

Scale: 1:50 Job No.: 12-075

Sheet No.:

**L6.0**

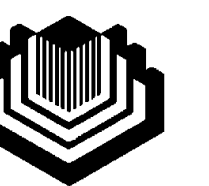


2 Section adjacent to Lot 7 & 8  
 1:50

2	Issued for DP Board	07/10/2019
1	Issued for Development Permit	05/16/2019
Revision No.		Date

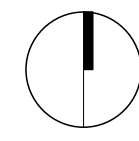
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Client:  
**UBC Properties Trust**



Project Title:  
**UBC South Campus GREENWAY**

Drawing Title:  
**Landscape Sections**

Project North:  Drawn By: ks  
 Checked By: mp

Scale: 1:50 Job No.: 12-075

Sheet No.: