

UBC - GATEWAY NORTH LANDSCAPE DRAWINGS

ISSUED FOR DEVELOPMENT PERMIT - NOVEMBER 15, 2024

DRAWING LIST

Sheet Number	Sheet Title
L0.00	COVER
L1.10	SITE PLAN
L1.11	MATERIALS PLAN
L1.21	GRADING PLAN
L1.41	LAYOUT PLAN
L1.31	PLANTING PLAN
L3.10	LANDSCAPE DETAILS
L3.20	SITE FURNISHINGS DETAILS
L3.40	PLANTING DETAILS

No.	Description	Date
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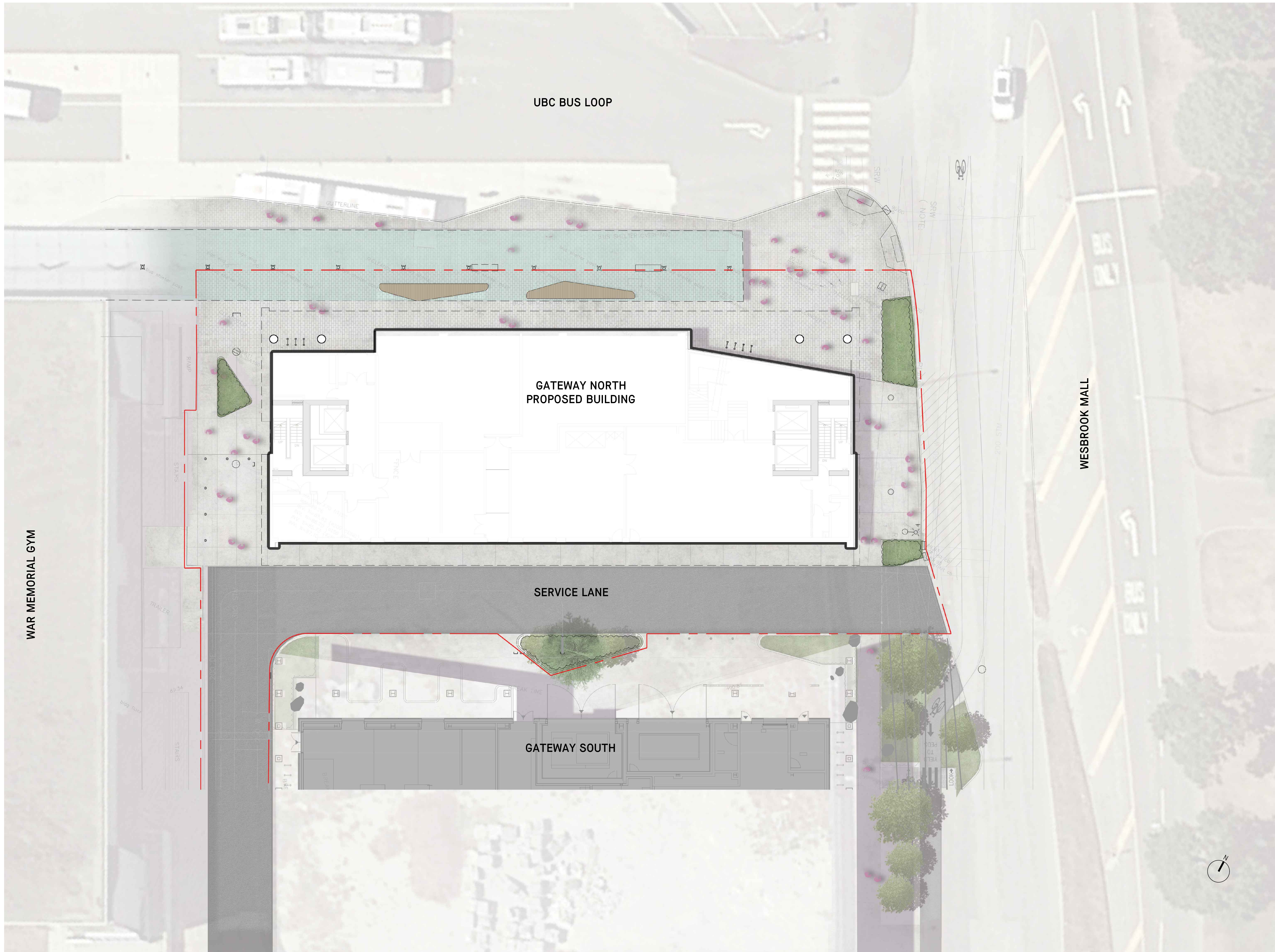
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Gateway North
University Boulevard

COVER

Date	Nov. 08/24	Drawing Number
Project No.	2430	
Scale		L0.00
Drawn/Checked	SD CM	



UBC BUS LOOP

GATEWAY NORTH
PROPOSED BUILDING

SERVICE LANE

GATEWAY SOUTH

WESBROOK MALL

WAR MEMORIAL GYM

1	Issued for DP	NOV. 19/24
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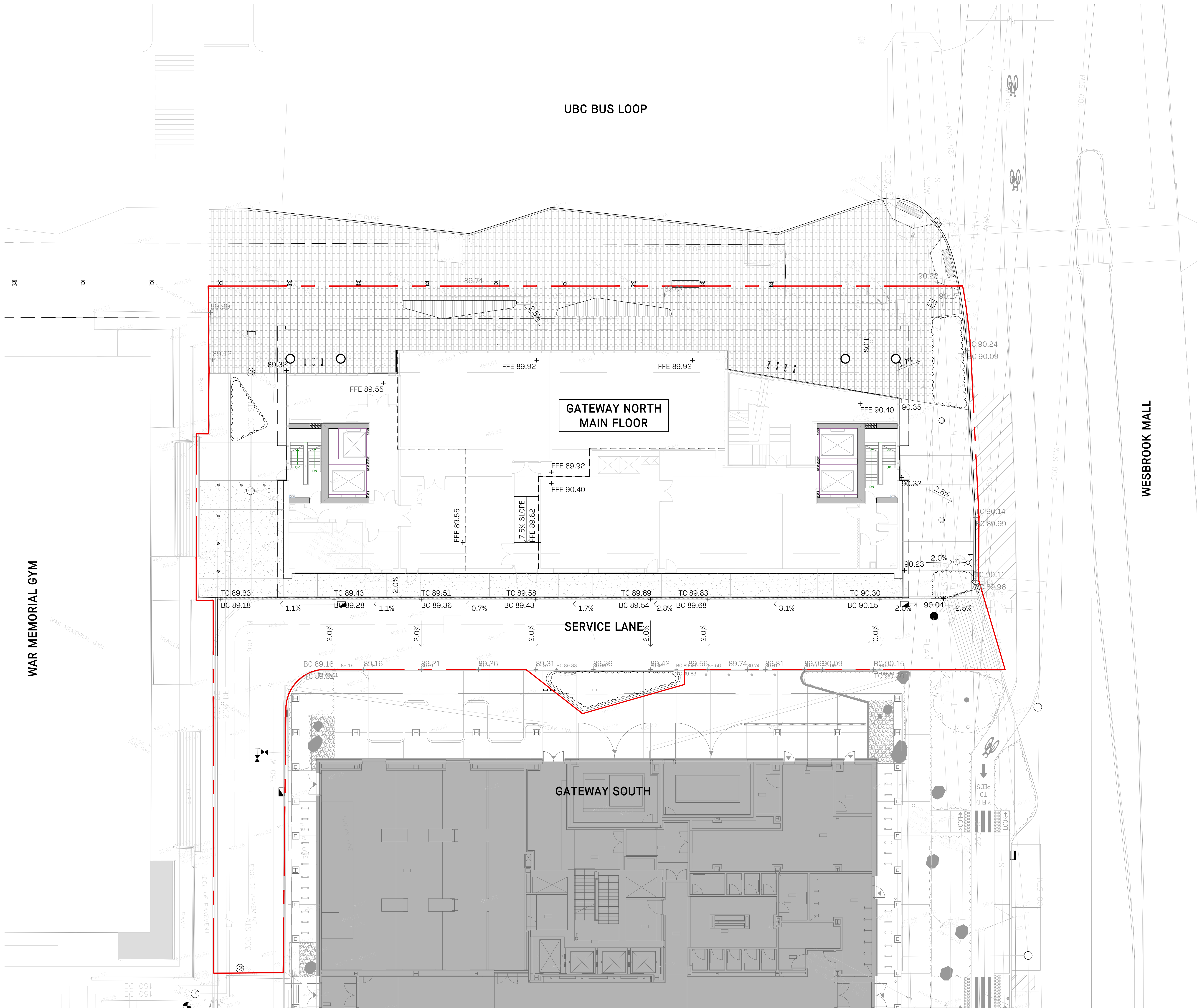
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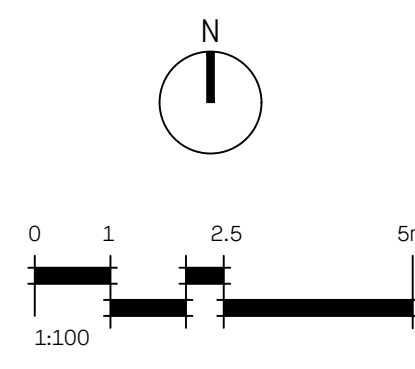
SITE PLAN

Date	Nov, 08/24	Drawing Number
Project No.	2430	
Scale	SCALE	L1.10
Drawn/Checked	SD CM	



GENERAL LEGEND

- LIMIT OF WORKS
- BUILDING EDGE
- ▲ BUILDING ENTRY / EXIT
- ⬇ EMERGENCY EXIT
- ⊗ DETAIL CALLOUT
- ⊞ SECTION
- ⊕ ELEVATION
- ⊙ SPOT ELEVATION
- ↘ SLOPE



1 Issued for DP NOV. 19/24

No.	Description	Date

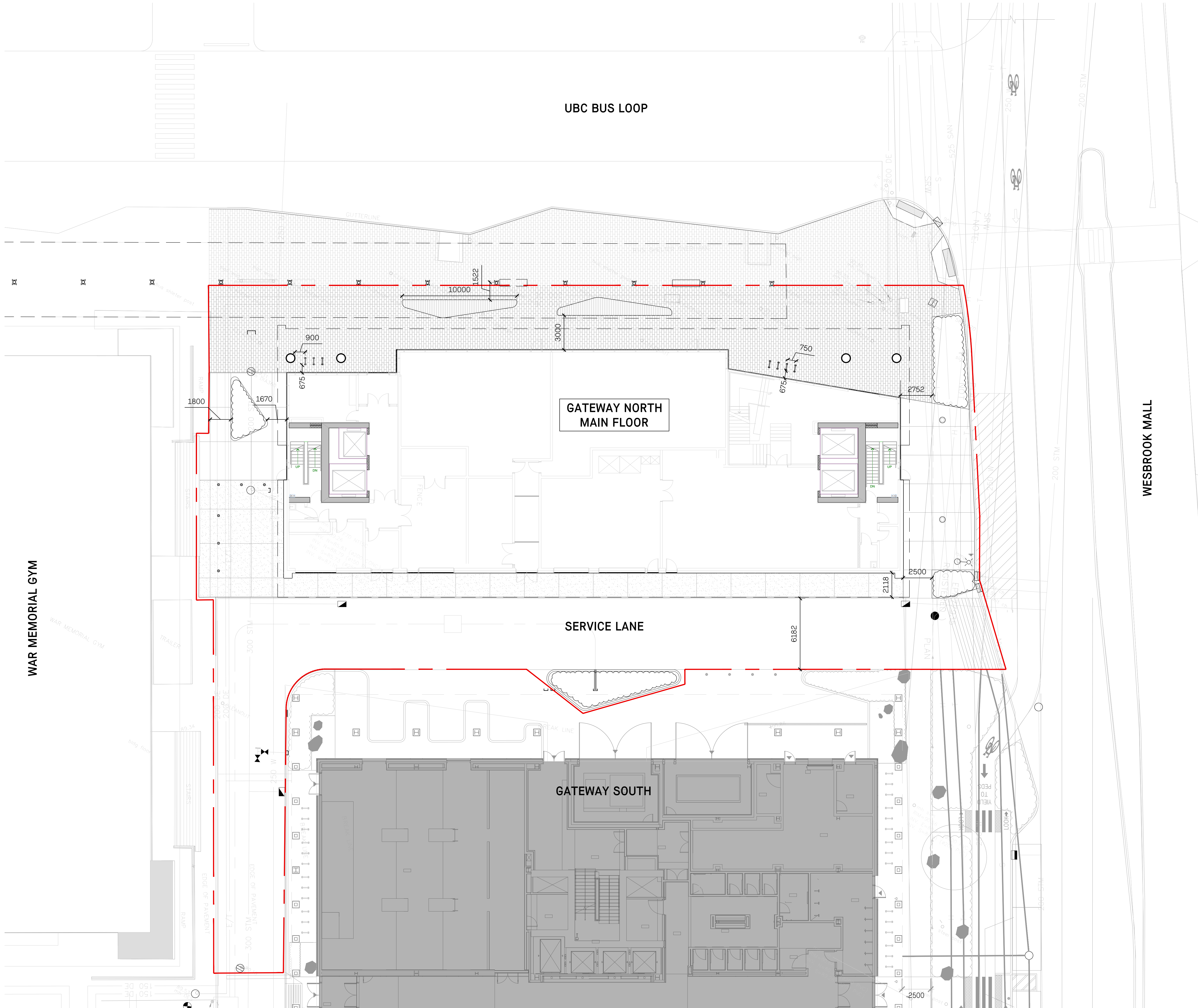
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





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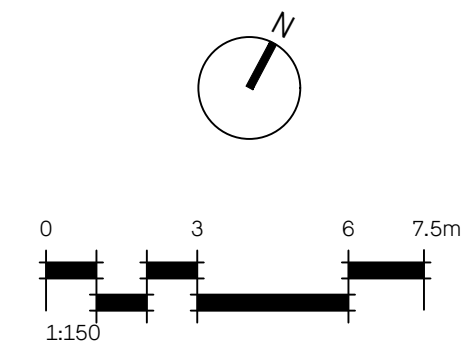
GRADING PLAN

Date	Nov. 08/24	Drawing Number
Project No.	2430	
Scale	SCALE L1.21	
Drawn/Checked	SD CM	



SURFACE MATERIAL LEGEND

-  CIP CONCRETE - PEDESTRIAN USE
-  CIP CONCRETE - VEHICLE USE
-  CONCRETE UNIT PAVER
-  CUSTOM BENCH
-  CLASS B BIKE RACKS
-  PLANTED BED



HAPA COLLABORATIVE

Landscape Architecture
Urban Design
403 - 375 West Fifth Avenue
Vancouver, BC, V5Y 1J6

604.909.4150
hapacollab.com

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LAYOUT PLAN

Date	Nov. 08/24	Drawing Number
Project No.	2430	
Scale	SCALE	L1.41
Drawn/Checked	SD CM	

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	SPACE	REMARKSS
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TREES

	AC	Acer circinatum / Vine Maple	10 Gallon	As Shown	B&B Multi-Stemmed, Dense Tree
	TP	Thuja plicata / Western Red Cedar	3.0m ht.	As Shown	B&B Well Branched, Dense Tree

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT
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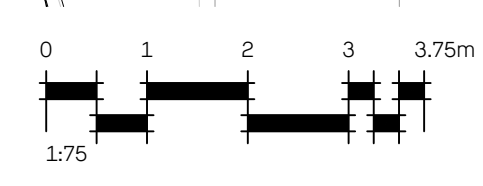
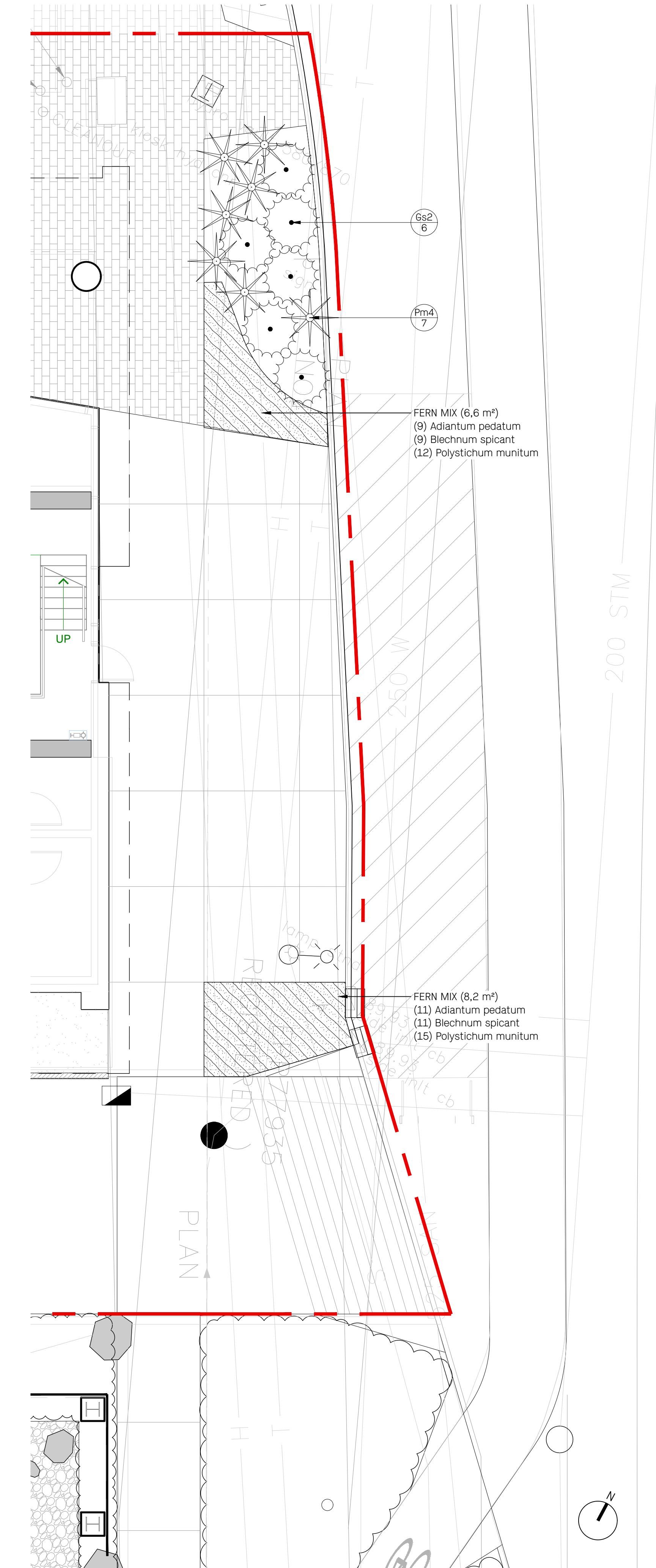
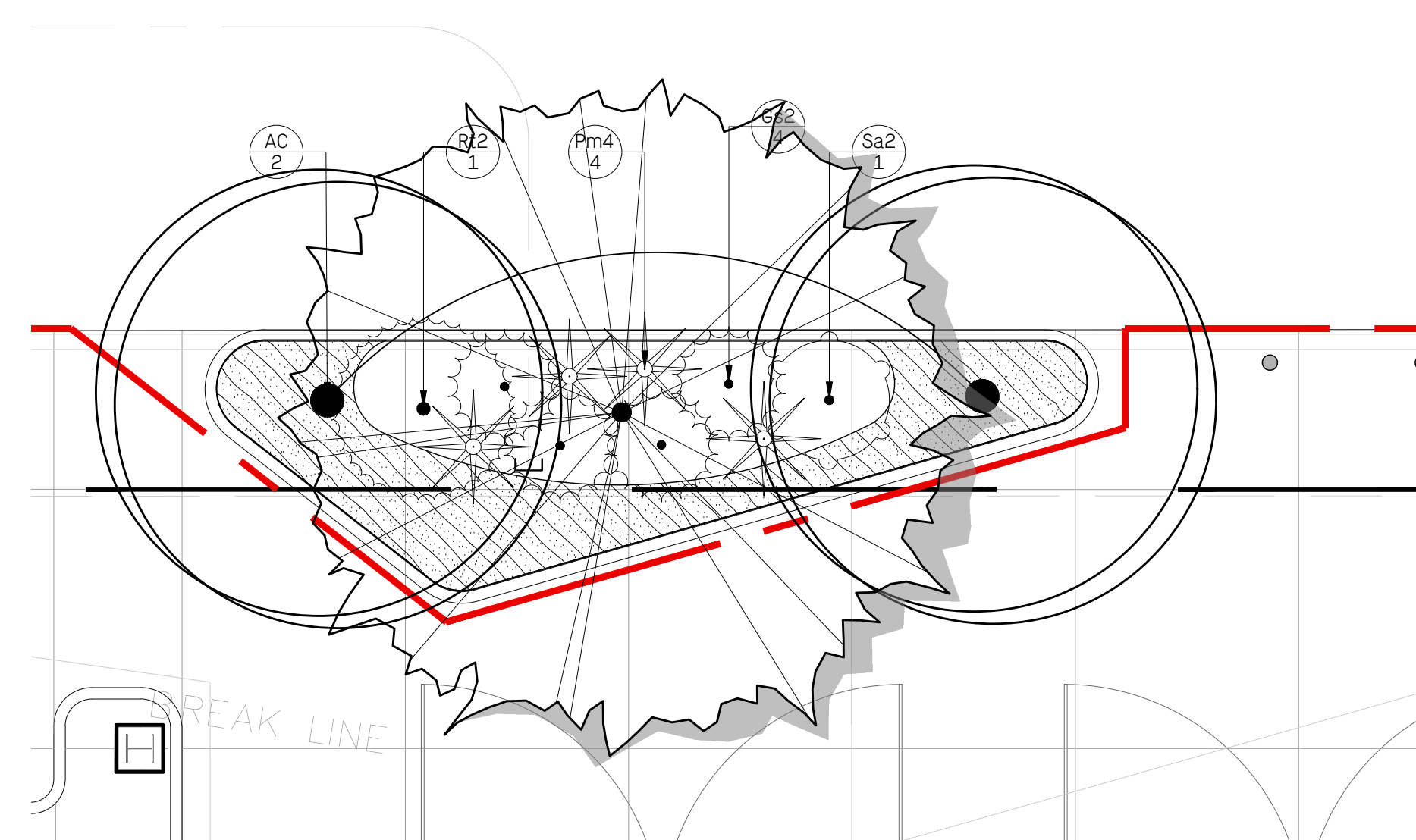
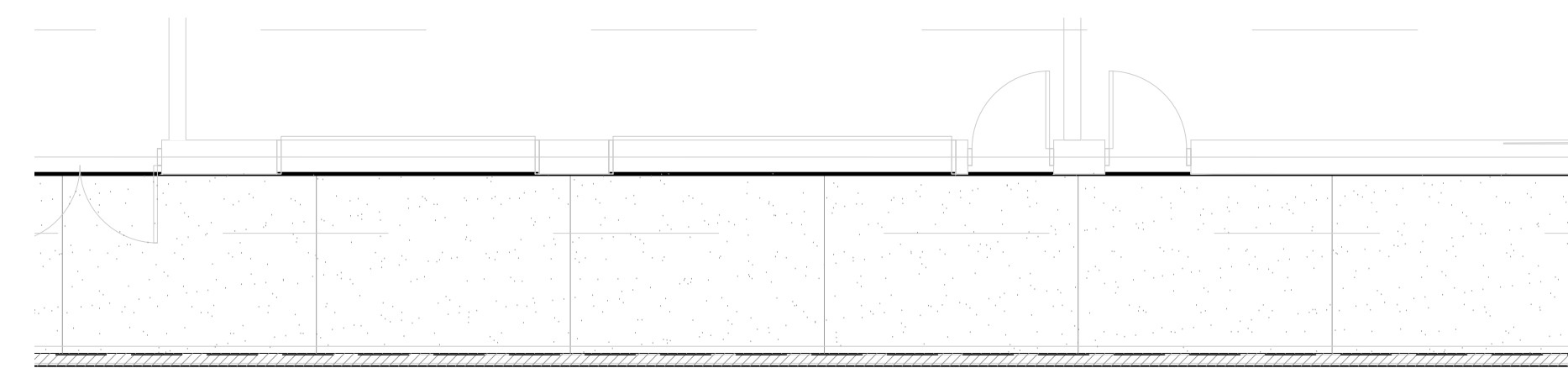
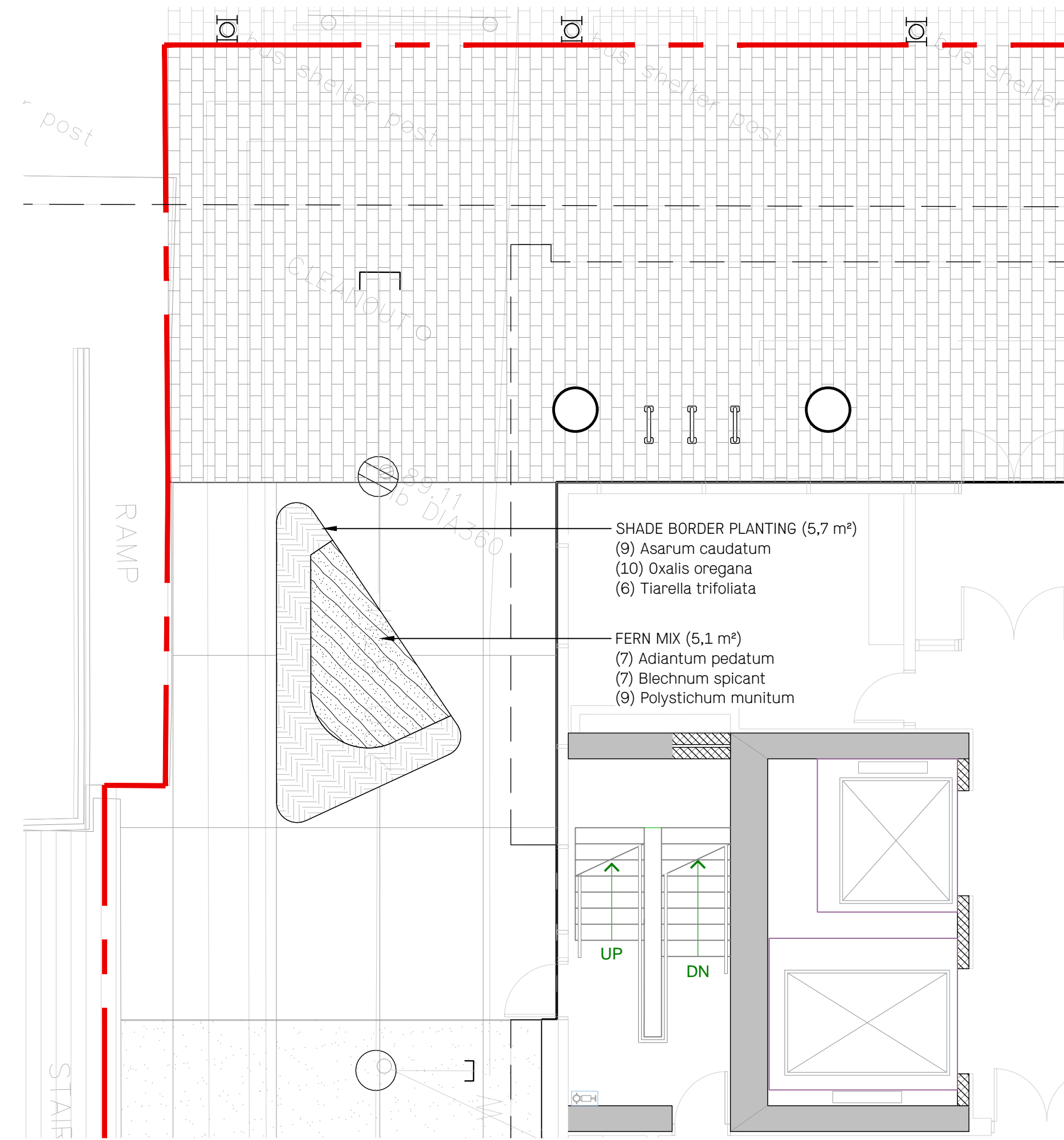
SHRUBS

	Gs2	Gaultheria shallon / Salal	#2 Pot
	Pm4	Polystichum munitum / Western Sword Fern	#1 Pot
	Rt2	Rubus parviflorus / Thimbleberry	#2 Pot
	Sa2	Symphoricarpos albus / Common White Snowberry	#2 Pot

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT
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SHRUB AREAS

FERN MIX			
	Ap	Adiantum pedatum / Northern Maidenhair Fern	#1 Pot
	Bs2	Blechnum spicant / Deer Fern	#1 Pot
	Pm3	Polystichum munitum / Western Sword Fern	#1 Pot
SHADE BORDER PLANTING			
	Ac4	Asarum caudatum / Wild Ginger	#1 Pot
	Or2	Oxalis oregana / Redwood Sorrel	#1 Pot
	Tc	Tiarella trifoliata / Three-leaved foamflower	#1 Pot



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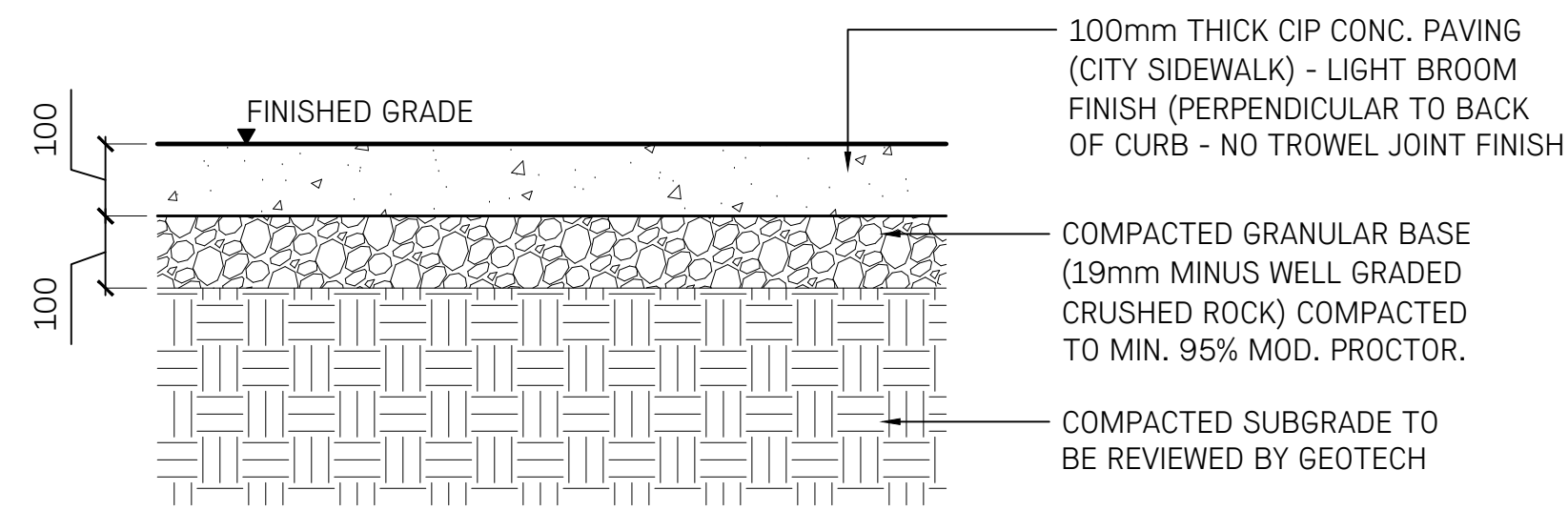
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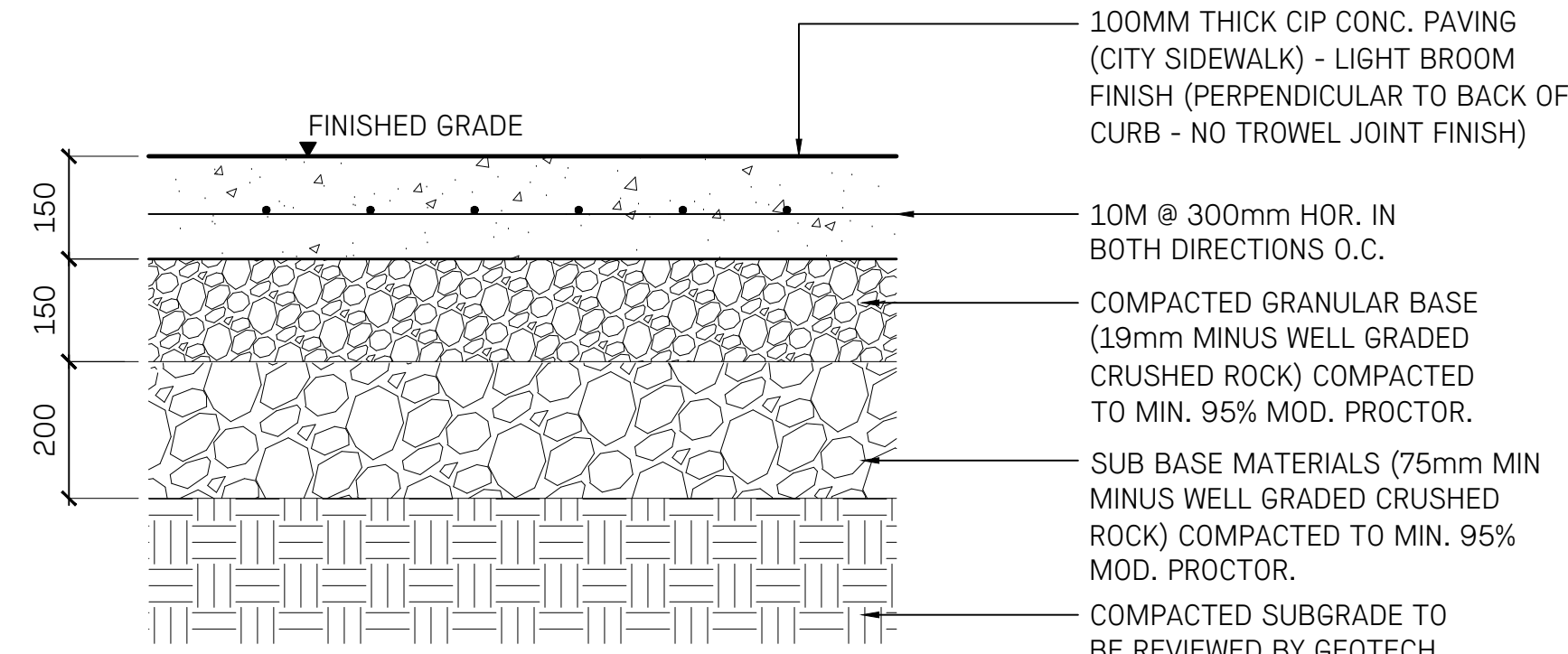
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 PLANTING PLAN

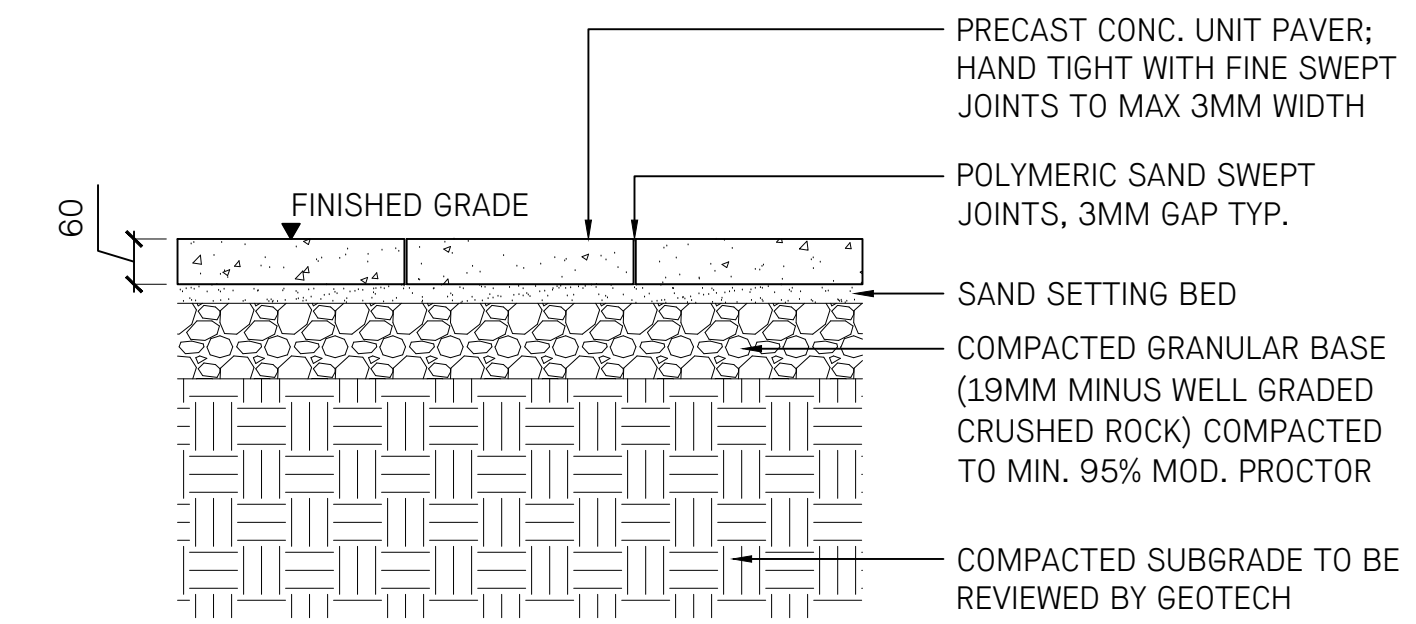
Date	Nov. 08/24	Drawing Number
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Scale	SCALE	L1.31
Drawn/Checked	SD CM	



ON GRADE - PEDESTRIAN USE



ON GRADE - VEHICULAR USE



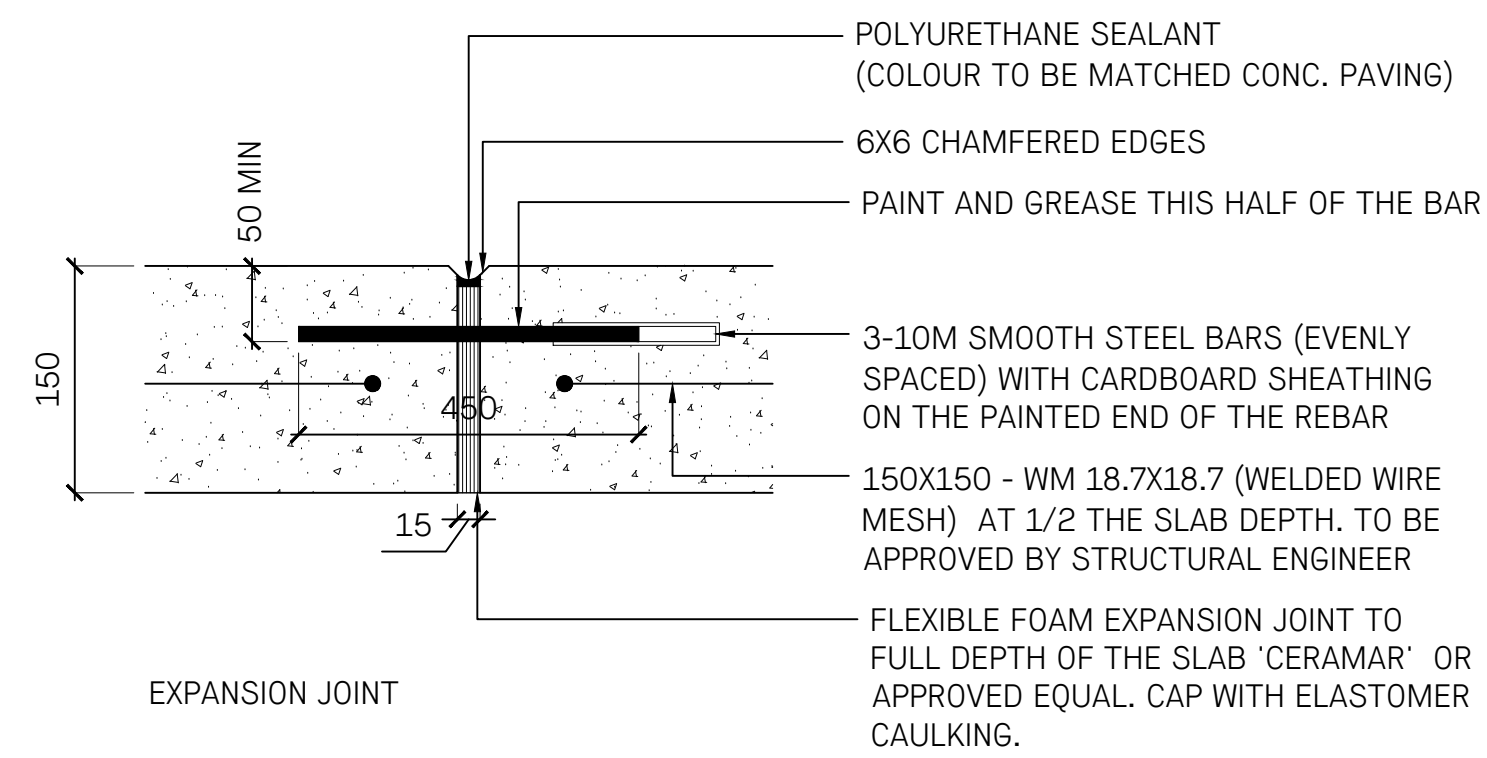
ON GRADE - PEDESTRIAN USE

- NOTES:
1. ORIGIN OF PAVING PATTERN TO BE CAREFULLY CONSIDERED, CONFIRM WITH LANDSCAPE ARCHITECT BEFORE CONSTRUCTION.
 2. PAVERS WILL NOT BE CUT SMALLER THAN 1/3 OF A UNIT.
 3. STOCKPILED PAVERS IN GOOD CONDITION MAY BE REUSED.
 4. PROVIDE PRODUCT SAMPLES INCLUDING PAVERS, COLOUR SAMPLES TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 5. REFER TO LAYOUT PLAN FOR LOCATIONS.

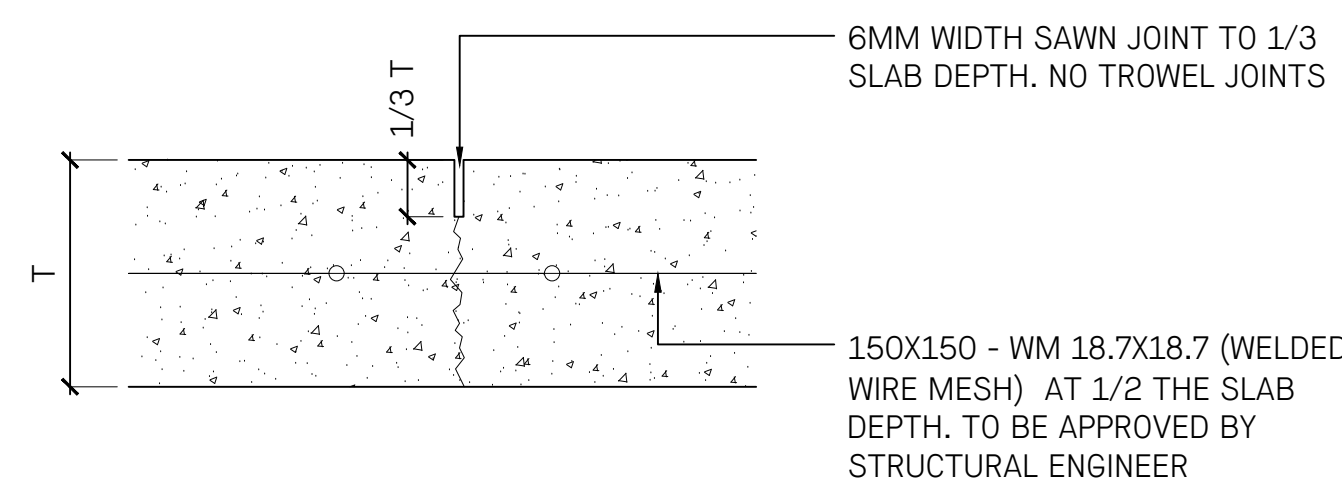
01 CIP CONCRETE ON GRADE
SCALE:1:10

02 CONCRETE UNIT PAVERS ON GRADE
SCALE:1:10

- NOTES:
1. GRAVEL BASE TO EXTEND 150 BEYOND EDGE OF SIDEWALK STRUCTURE.
 2. EXPANSION JOINT TO BE LOCATED @ EVERY 6M (MAX. 9M) INTERVALS AT CHANGE IN SIDEWALK WIDTH, WHERE CONCRETE PAVING ABUTS OTHER STRUCTURES OR BUILDINGS, WHEN SIDEWALK IS ADJACENT TO CURB.
 3. EXPANSION JOINT BARS ARE TO BE GREASED ON ONE SIDE OF THE JOINT.
 4. MATCH JOINTS OF CURB, GUTTER AND SIDEWALK.
 5. DURING CONSECUTIVE POURS, THE END OF EACH POUR IS TO OCCUR AT AN EXPANSION JOINT. WHERE THIS IS NOT FEASIBLE, AN ADDITIONAL EXPANSION JOINT IS TO BE INSTALLED.
 6. CONTROL JOINT @ EVERY 1.5M (MAX. 3M) INTERVALS UNLESS OTHERWISE INDICATED.
 7. CONTROL JOINTS ARE TO BE COMPLETED USING A DOUBLE EDGE JOINTER OR SAW CUT IF COMPLETED WITHIN 18 HRS OF THE CONCRETE SETTING UP.
 8. CUT JOINTS BEFORE RANDOM CRACKING OCCURS.
 9. CONSTRUCT ALL CONTROL JOINTS AT CONSISTENT WIDTH.
 10. PROVIDE ISOLATION JOINTS AS SHOWN ON PLAN/DETAILS, BETWEEN POURS AT CHANGE IN MATERIALS, AT EDGES ABUTTING STRUCTURES AND OTHER FIXED ELEMENTS AT MAX. 6.0M O.C.
 11. REFER MATERIALS PLAN AND SPECIFICATION FOR CONCRETE FINISH, NO TOWELED EDGE.
 12. REFER LANDSCAPE SPECIFICATION 32 13 13 - CONCRETE FOR EXTERIOR IMPROVEMENTS.



EXPANSION JOINT



CONTROL JOINT

03 EXPANSION AND CONTROL JOINT DETAILS
SCALE:1:5

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LANDSCAPE DETAILS

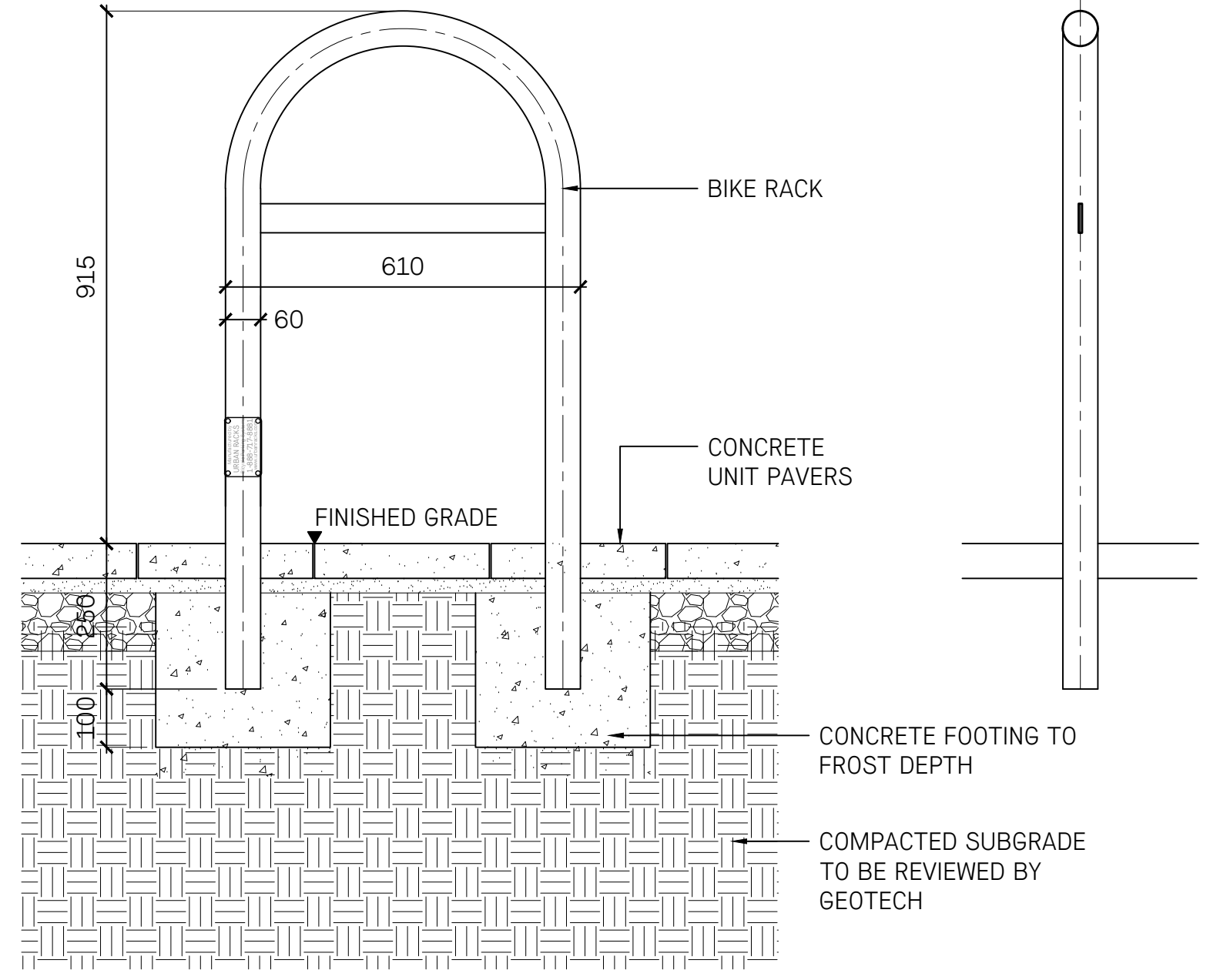
Date	Nov. 08/24	Drawing Number
Project No.	2430	
Scale	AS SHOWN	L3.10
Drawn/Checked	SD CM	

- NOTES:
1. PROVIDE PRODUCT SHEET / SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 2. REFER TO LAYOUT PLANS FOR LOCATION

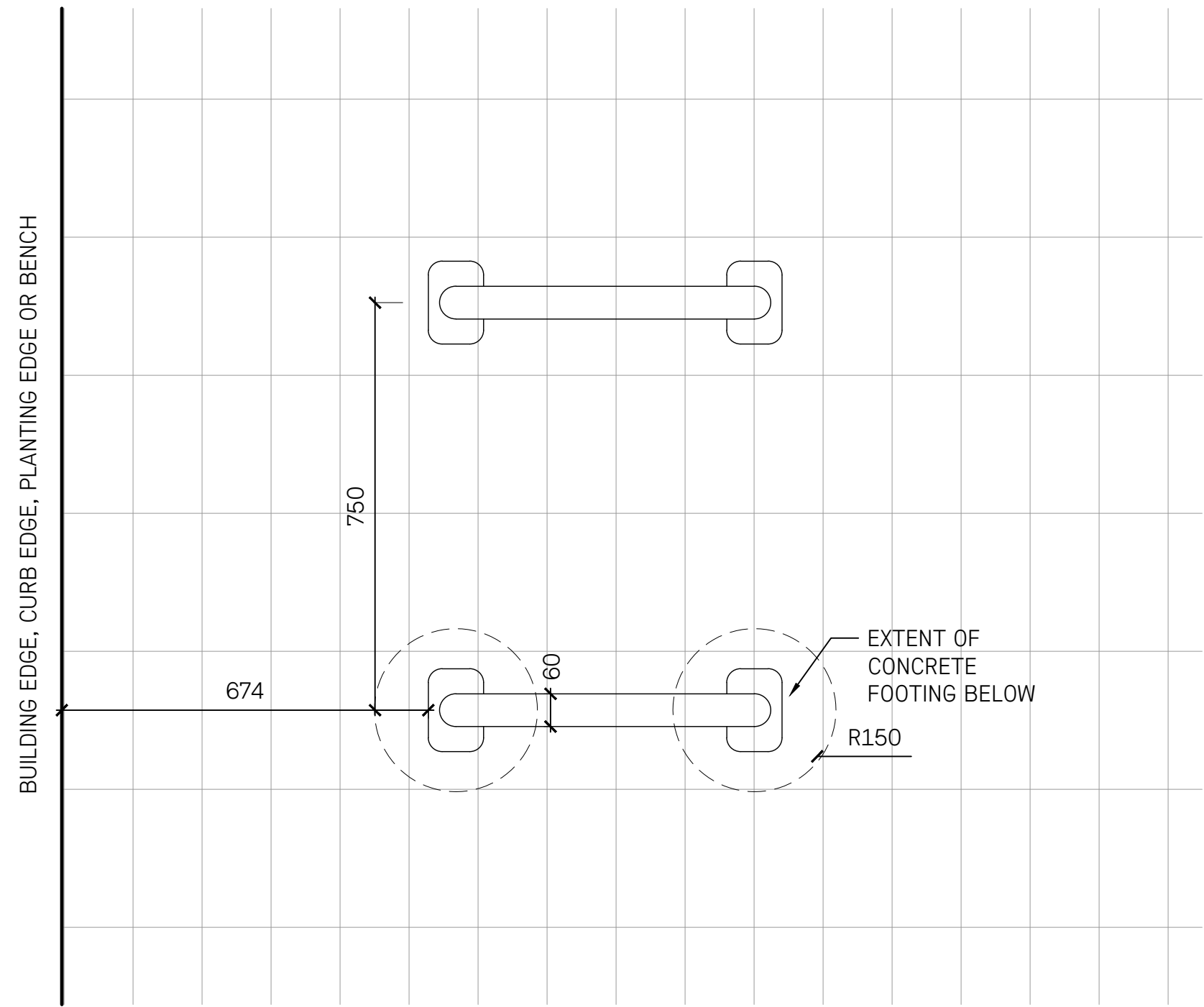
NOTES:

MODEL: SU20-E-G(OR SS)-CB
 MATERIAL: 50MM (2") SCHEDULE 40 STEEL PIPE WITH FLAT HORIZONTAL CROSS BAR
 MOUNT: EMBEDDED INTO CONCRETE WITH 250MM (10") BELOW GRADE. INSTALL PER MANUFACTURER'S INSTRUCTION.
 FINISH: HOT-DIPPED GALVANIZED OR STAINLESS TEEL

SUPPLIER: URBAN RACKS 1-888-717-8881
 WWW.URBANRACKS.COM



SECTION



PLAN VIEW - BIKE RACKS TYPICAL SPACING

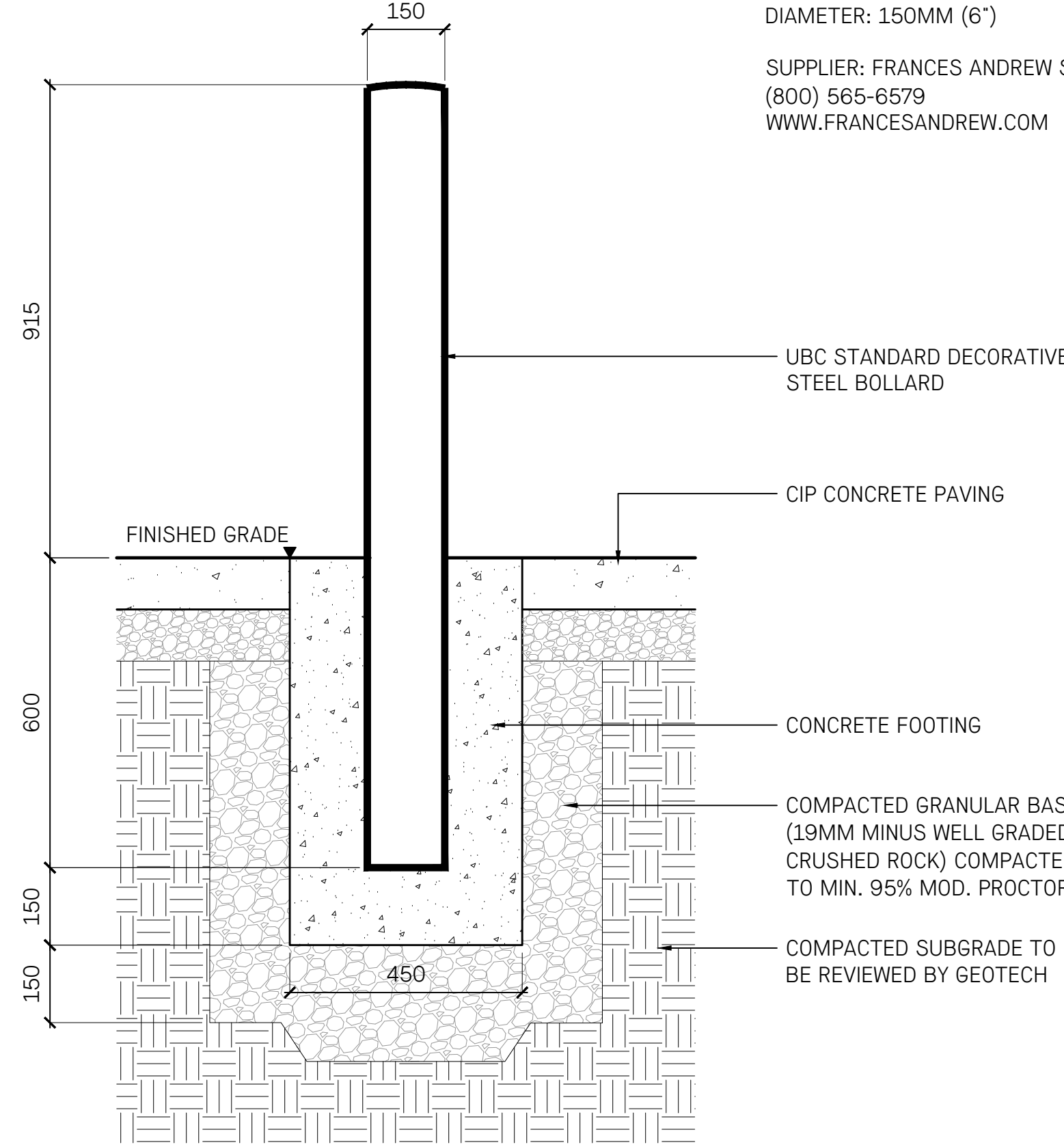
01 BIKE RACK
 SCALE:1:10

- NOTES:
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 2. REFER TO LAYOUT PLANS FOR LOCATION

NOTES:

MANUFACTURER: FRANCES ANDREW SITE FURNISHINGS LTD.
 MODEL: SERIES 32 SB32-P1-UBC SMALL RADIUS
 MATERIAL: STEEL TUBE HOUSING
 MOUNT: 150MM (6") SCHEDULE 40 STEEL PIPE, IN-GROUND
 600MM (24") DEEP ON CONCRETE BASE ONLY.
 INSTALL PER MANUFACTURER'S INSTRUCTION.
 FINISH: UBC GREY (GENERAL PAINTS #GP 422-7 OR INTERNATIONAL STANDARD #RAL 7043)
 HEIGHT: 915MM (36")
 DIAMETER: 150MM (6")

SUPPLIER: FRANCES ANDREW SITE FURNISHINGS LTD.
 (800) 565-6579
 WWW.FRANCESANDREW.COM



02 BOLLARD
 SCALE:1:10

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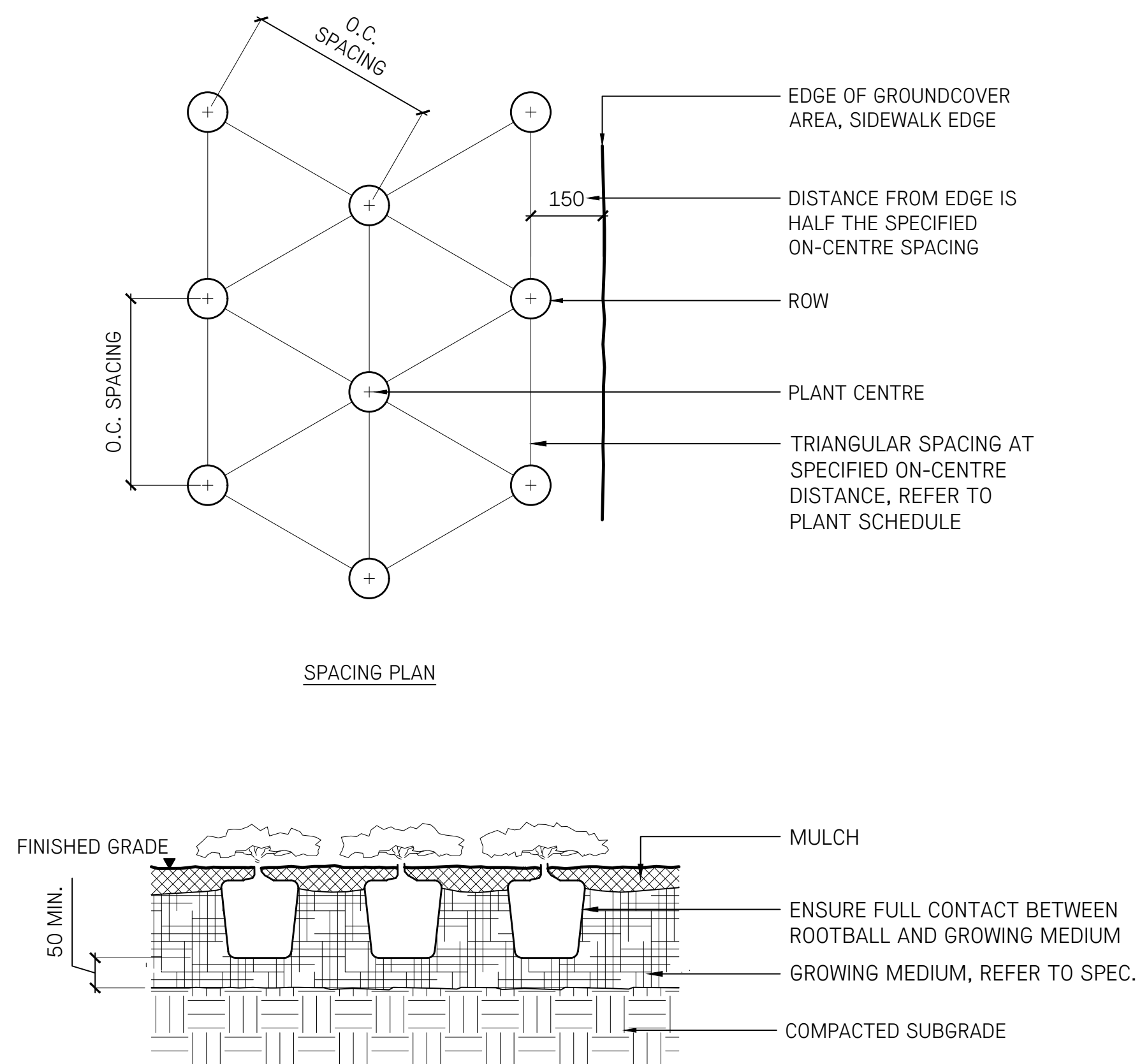
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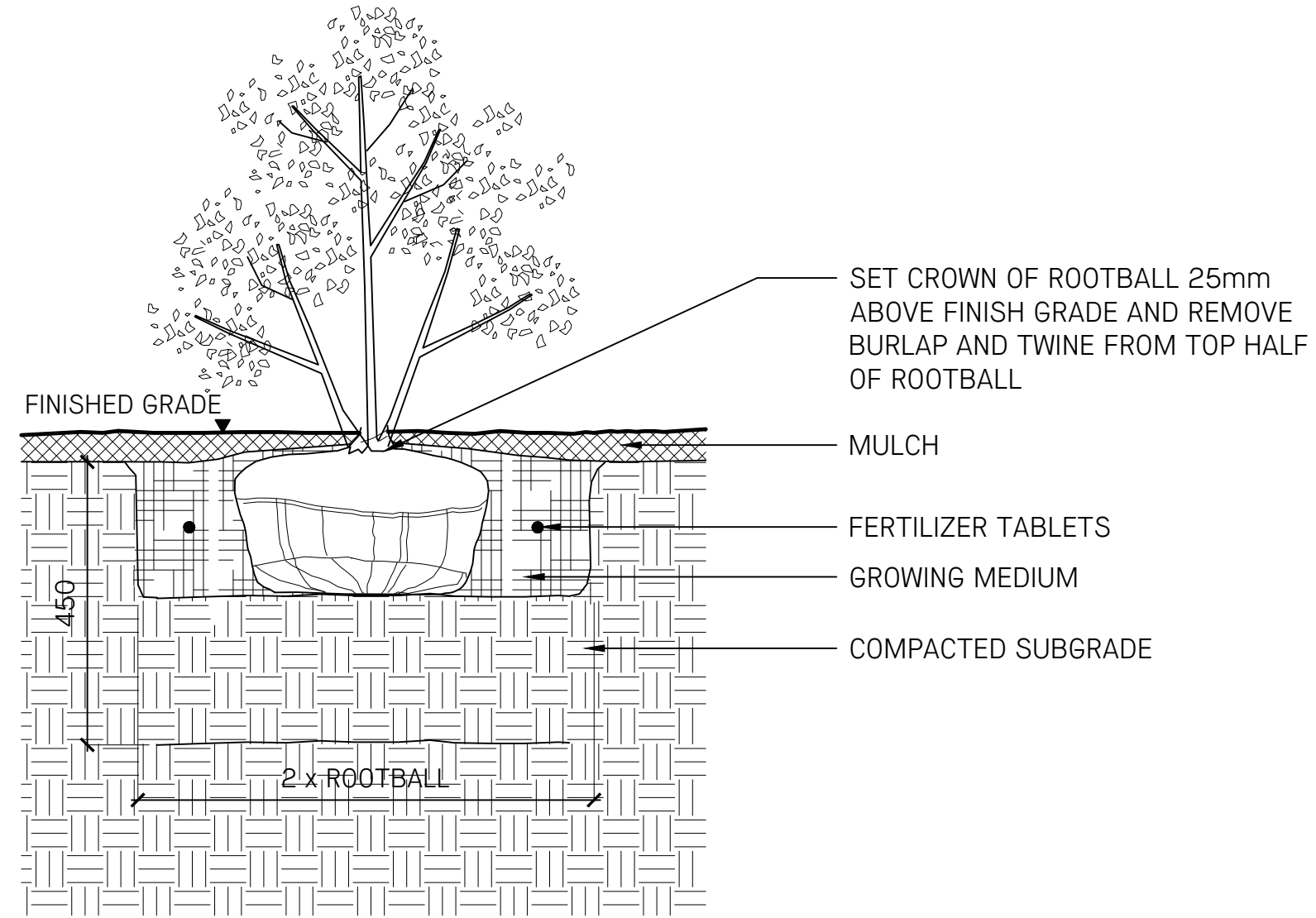
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SITE FURNISHINGS
 DETAILS

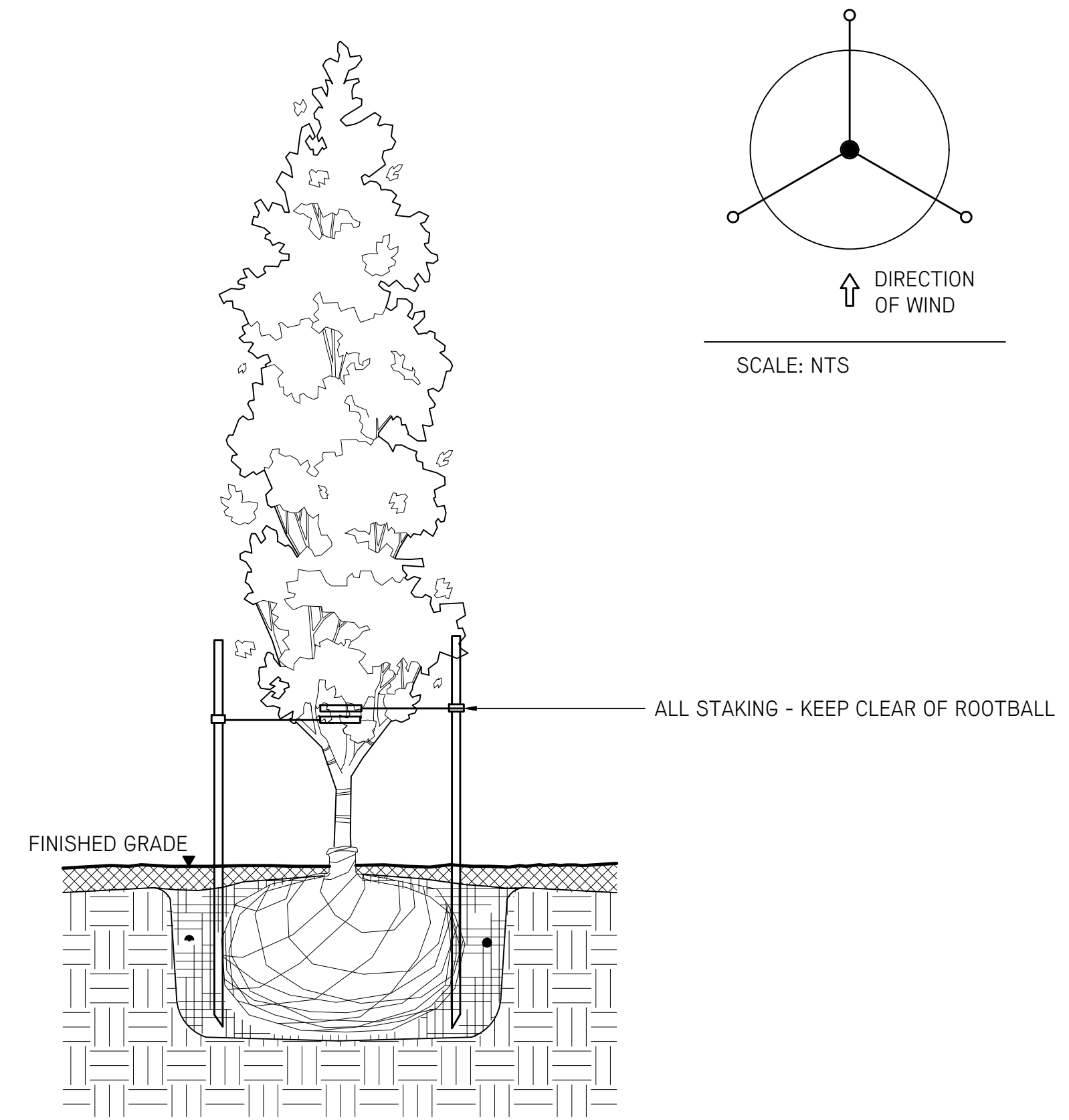
Date	Nov, 08/24	Drawing Number
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Scale	SCALE	L3.20
Drawn/Checked	SD CM	



01 GROUND COVER ON GRADE
SCALE: 1:10



02 SHRUB PLANTING ON GRADE
SCALE: 1:10



03 TREE PLANTING ON GRADE
SCALE: 1:10

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PLANTING DETAILS

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Drawn/Checked	SD CM	