

DRAWING LIST	
L-0.0	Cover Sheet
L-1.1	Level 1 Materials & Grading Plan
L-1.2	Level 1 Planting Plan
L-1.3	Level 1 Soil Depths
L-1.4	Level 3 Materials Plan
L-1.5	Level 3 Planting Plan
L-1.6	Level 3 Soil Depths
L-1.7	Rooftop Materials Plan
L1.8	Rooftop Planting Plan
L-1.9	Rooftop Soil Dephts
L-2.1	Landscape Sections
L-3.1	Landscape Details
L-3.2	Landscape Details
L-3.3	Landscape Details

Legend	
	42" Guardrail
	Privacy Screen
	Overhang
	Extent of Slab
	6' High Fence at PL
	Fence at Dog Area

Grading & Drainage Legend	
	Existing Survey Grade
	Finished Grade
	Top of Wall
	Bottom of Wall
	Direction, % Slope Down
	Direction, # of Risers Down

Plant List				
Trees				
SYMBOLS	NUMBER	BOTANICAL NAME	COMMON NAME	SIZE/SPACING
	2	Cornus kousa var. chinensis	Chinese dogwood	7cm cal / B+B
	12	Street Trees - Species to be selected by the City		7cm cal / B+B
Shrubs				
SYMBOLS	NUMBER	BOTANICAL NAME	COMMON NAME	SIZE/SPACING
A1	39	Azalea 'Gumbo Pink'	Gumbo Pink Azalea	#1 pot / 24" O.C.
Cs	10	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red-Osier Dogwood	#2 pot / 24" O.C.
Cd	14	Cotoneaster dammeri	bearberry cotoneaster	#2 pot / 24" O.C.
Hi	3	Hamamelis x intermedia	witchhazel	2m ht B&B, Multi-Stem
Is	15	Iberis sempervirens	evergreen candytuft	#1 pot / 18" O.C.
La	25	Lavandula angustifolia	English lavender	#1 pot / 28" O.C.
Lp	15	Lonicera Pileata	privet honeysuckle	#2 pot / 42" O.C.
Rkj	39	Rhododendron 'Ken Janeck'	Ken Janeck rhododendron	#2 pot / 36" O.C.
Ri	6	Rhododendron impeditum	dwarf purple rhododendron	#2 pot / 30" O.C.
Sh	26	Sarcococca hookeriana var. humilis	Himalayan Sweet Box	#1 pot / 18" O.C.
	45	Taxus x media 'Hicksii'	yex hedge	4'h B&B
Vd	3	Viburnum davidii	David viburnum	#2 pot / 60" O.C.
Perennials				
SYMBOLS	NUMBER	BOTANICAL NAME	COMMON NAME	SIZE/SPACING
d	37	Dicentra formosa	Pacific Bleeding Heart	#1 pot / 12" O.C.
f	75	Frangara x ananassa	garden strawberry	#1 pot / 6" O.C.
ho	10	Helleborus orientalis	lenten Rose	#1 pot / 18" O.C.
L	157	Liriope muscari	blue Lily turf	#1 pot / 12" O.C.
nt	4	Nassella tenuissima	Mexican feather grass	#1 pot / 24" O.C.
S	6	Sedum 'Autumn Joy'	Autumn Joy stonecap	#1 pot / 18" O.C.

Materials Legend	
	Shrub and Perennial Planting
	Privacy hedge
	Urban Agriculture
	Sodded Lawn
	Poured in Place Rubber Resilient Surfacing
	18x18" Hydrapressed Concrete slabs Charcoal
	18x18" Hydrapressed Concrete slabs Grey
	Concrete Pavers 2 tone (Slip resistant)
	CIP Concrete
	Dainage Gravel
	Decorative gravel
	36"x12" Hydrapressed Concrete slabs Grey
	Artificial Turf
	Structural Soil

Lighting & Irrigation Legend	
	Down Lighting in Trellis
	Recessed Wall Lighting Shielded, Down lit, Energy Efficient
	Exterior Lighting on Building See ARCH
	Hose Bib

Planting Notes				
1. All work shall meet or exceed the requirements as outlined in the Current Edition of the Canadian Landscape Standard.				
2. Plant selection subject to availability at the time of planting.				
3. Contractor shall source specified plant material and only after area of search has been exhausted will substitutions be considered.				
4. All trees to be staked in accordance with CLA Standards.				
5. All plants to be sourced from nurseries certified free of P. ramorum.				
6. Plant sizes and related container classes are specified according to the B.C. Landscape Standards current edition. For container classes #3 and smaller, plant sizes shall be as shown in the plant list and the standard; for all other plants, both plant size and container calls shall be as shown in the plant list. Specifically, when the plant list calls for #5 class containers, these shall be as defined in the CLA (ANSI) Standard.				
7. All trees to have minimum 10 cubic meters of growing medium unless otherwise specified.				
8. All On-site 'Soft Landscape Areas' to be irrigated to IABC Standards with a high efficiency irrigation system. Design of irrigation system to be submitted to consultant and reviewed prior to installation. The irrigation system design and installation shall be in accordance with the Irrigation Industry of BC Standards and Guidelines.				

Furnishing Legend	
	Top-of-Wall Bench, Cantilevered Universe System, Landscape Forms Backless, Approx dimesions: 70" x 18"
	Top-of-Wall Bench, Not Cantilevered Universe System, Landscape Forms Backless, Approx dimesions: 70" x 18" & 39" x 18"
	Bench Generation 50, Landscape Forms
	Tree Grate
	Outdoor Cooking with BBQ and Sink
	Cornhole Game at L3
	Bench at L3 & Rooftop Neoliviano Bench, Landscape forms
	Bike Rack Frances Andrew, Express Lollipop - Series 12
	Play Logs - Upright and Vertical
	Trellis
	Kompan Play Tower with Slide
	Metal Planter - Dimensions Vary, See Plans 3' x 7' x 24" 3' x 7' x 42" 3' x 8' x 24" 3' x 8' x 42"

General Notes	
1. Refer to architectural drawings for all walls and stair layout and elevations, unless otherwise noted.	
2. Refer to electrical drawings for all final landscape lighting layout and specifications.	
3. Refer to architectural and mechanical drawings for all drain locations and rim elevations.	
Soil Preparation and Placement Notes	
1. All growing medium placed on project to meet or exceed CLA and B.C Landscape Standards latest edition.	
2. Submit sieve analysis by an approved independent soil testing laboratory for each type of growing medium being used on the project PRIOR to placement for review and approval. Clearly identify source and type for each. Resubmit as required until growing medium is approved. Provide one composite sample of each type of proposed growing medium for each different application within the project. Minimum 1 litre physical sample.	
3. Submittals shall be made at least seven (7) days prior placement.	
4. Contractor shall not move or work growing medium or additives when they are excessively wet, extremely dry, or frozen or in any manner which will adversely affect growing medium structure. Growing medium whose structure has been destroyed by handling under these conditions will be rejected. Growing medium shall not be handled in wet or frozen conditions.	
5. Slab drainage shall be 19mm (3/4") diameter drain gravel free from any silt and clay as shown in details.	
6. Place growing medium, except structural to required finish grades and minimum depths as detailed, unless shown otherwise.	
Product and Material Notes	
1. All materials to be as specified or pre-approved equivalent.	
2. All material and products to be installed per manufacturer's specifications.	

Design Rationale

Located in the Sapperton neighbourhood of New Westminster the site is situated on a diverse and developing, 'Great Street' within the municipality. Fronting East Columbia Street and bounded by Strand Avenue and Alberta Street the site is within walking distance of a sky train station, hospital, park spaces, elementary school, retail, and housing.

Despite the challenging grading all entrances are accessible for users of all ages and abilities. A combination of steps and 2.5m flush entry connections into the commercial/retail area allow users to seamlessly move between the spaces. Lighting is also provided for visibility at all entrances. Rhythmically stepped planting and seating along East Columbia provides an opportunity for people alone or in groups to enjoy the public realm.

Bike racks are located next to East Columbia Street for the convenience of those traveling along the adjacent bike lane. Additional bike racks are located adjacent to the residential entry point on Strand Avenue and at the office entry point on Alberta Street, thus providing convenient short term bike parking options for all building uses.

The outdoor common space on level 3 provides passive play equipment with seating for residents of all ages aswell as a separated nook for cooking, eating, and relaxing. Private patios adjoining the amenity space are screened by a planter and hedge. Generous outdoor patios have also been provided for many of the homes on Level 3. The rooftop offers a larger play space and urban agriculture spaces which relate towards the play space as a learning tool for children, or for anyone to use at their leisure.

Street trees will be provided in the public realm. Planting throughout the site is a mix of native and adaptive plants to BC. Evergreen shrubs form the backbone of the plant pallet with some perennials and deciduous plants providing seasonal interest and a variety of habitat.

2	2023-08-31	For DP Re-Submission
1	2023-03-03	For DP
no.:	date:	item:

Revision:

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102 - 1637 West 5th Avenue
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Project:

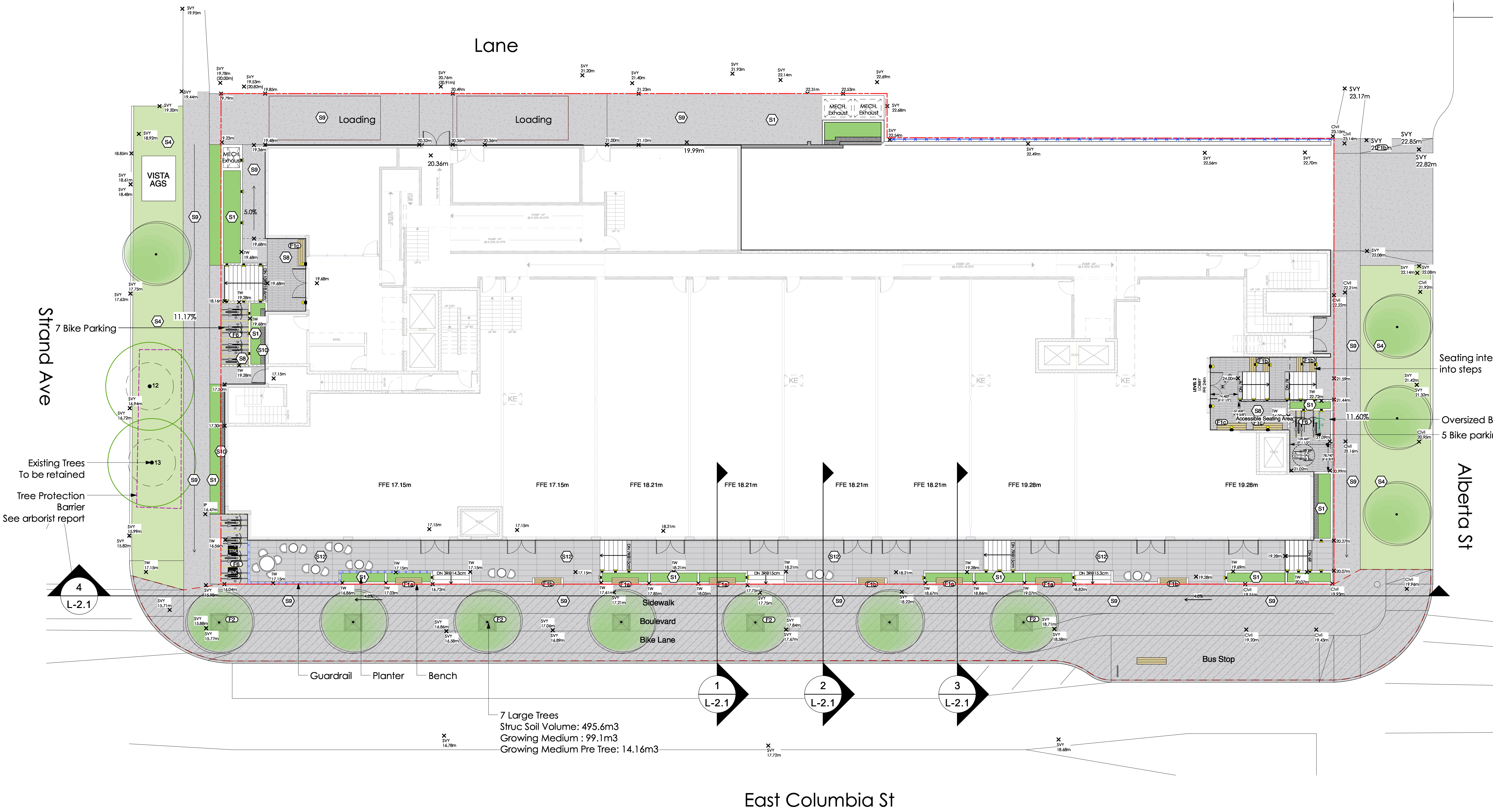
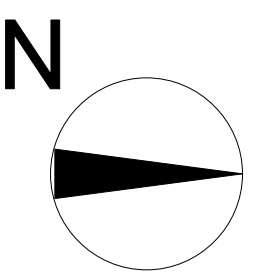
**E Columbia St
New Westminister,
BC**

Draw by:	JC
Check by:	PK
Date:	Aug 31, 2023
Scale:	NTS
Drawing Title:	

Landscape Cover Page

Project No.:
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**E Columbia St
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Draw by: JC
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 Date: Aug 31, 2023
 Scale: 3/32" = 1'0"
 Drawing Title:

**Ground Level
 Materials & Grading
 Plan**

Project No.:
 22035
 Sheet No.:

Lane

Strand Ave

Alberta St

East Columbia St

7 Large Trees
 Struc Soil Volume: 495.6m3
 Growing Medium : 99.1m3
 Growing Medium Pre Tree: 14.16m3

Existing Trees
 To be retained
 Tree Protection
 Barrier
 See arborist report

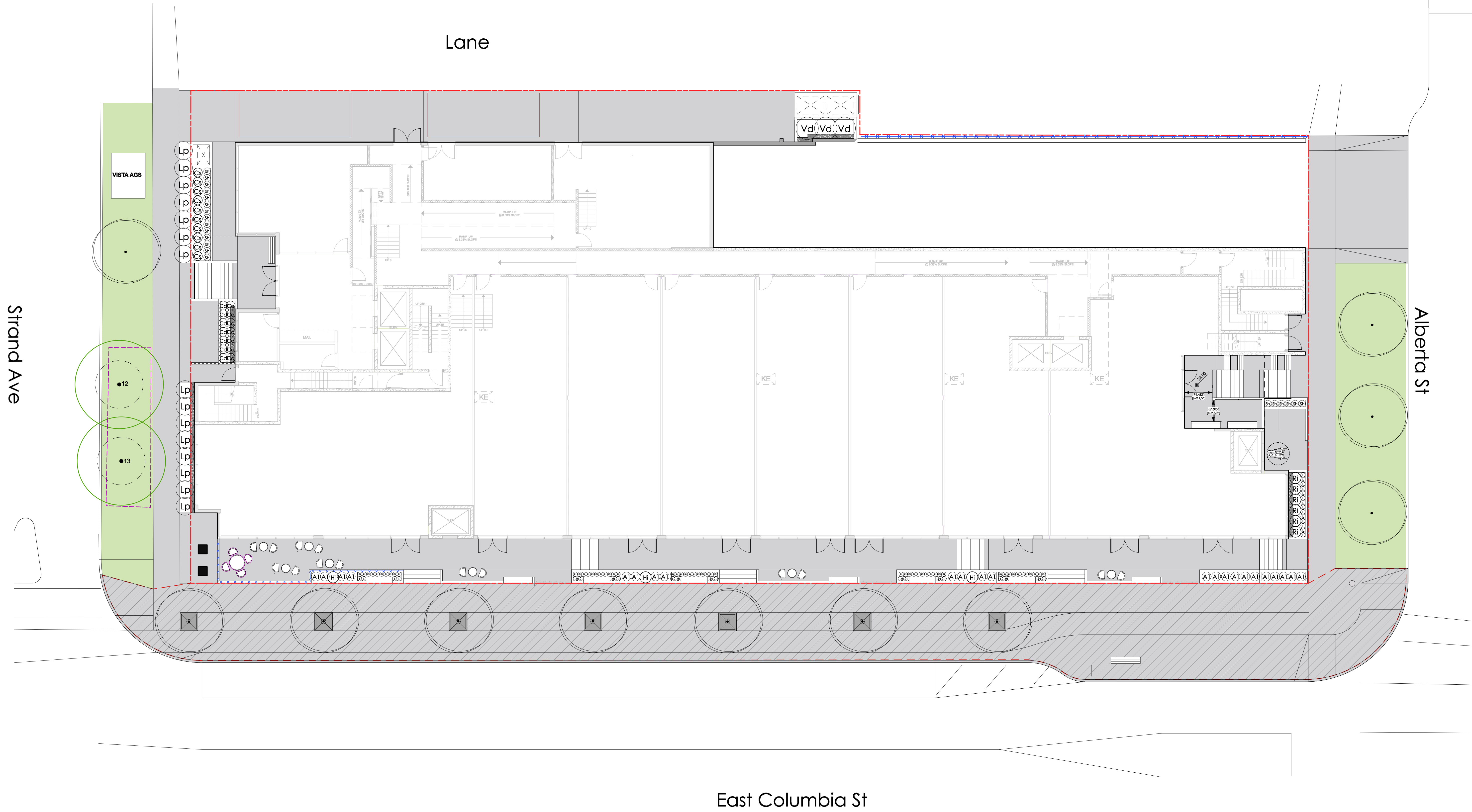
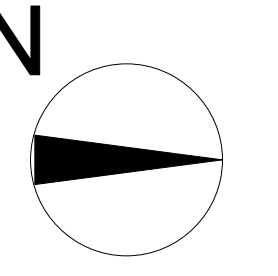
Seating integrated
 into steps
 Oversized Bike
 5 Bike parking

4
 L-2.1

1
 L-2.1

2
 L-2.1

3
 L-2.1



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Check by: PK

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Scale: 3/32" = 1'0"

Drawing Title:

**Ground Level
 Planting Plan Plan**

Project No.:
 22035

Sheet No.:

SOIL DIAGRAM

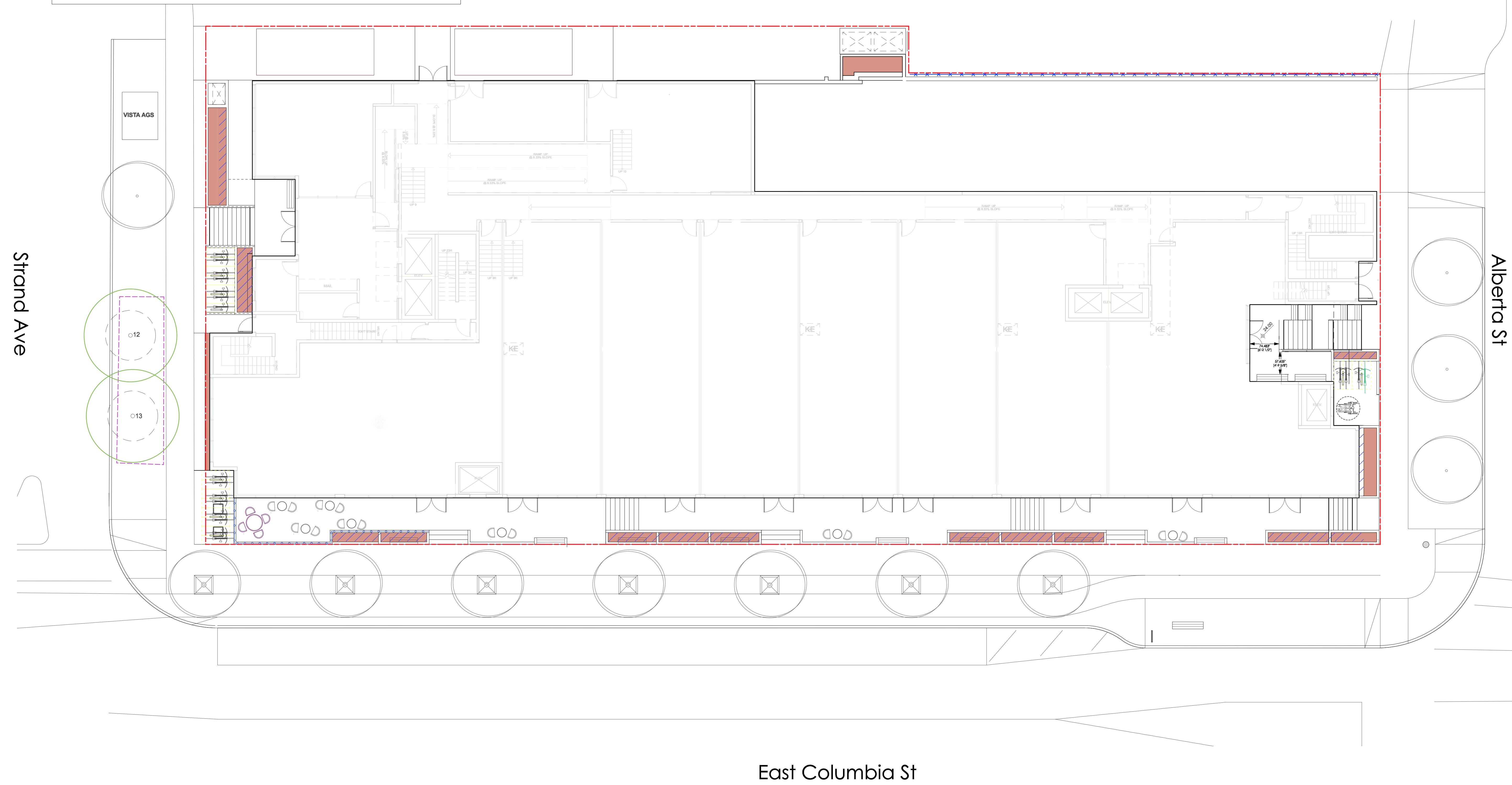
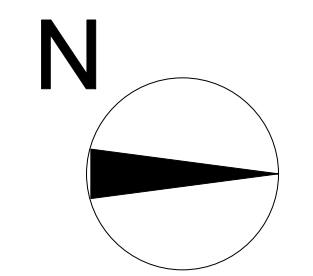
SOIL DEPTH	AREA	
	Uncovered	Covered
0.914m		
0.61m	27.61 m ²	14.78 m ²
0.457m		
0.31m		
0.15m		

Total Depth = growing medium + 0.10m drain rock

----- Roof outline above

////// Covered area of planter

Lane



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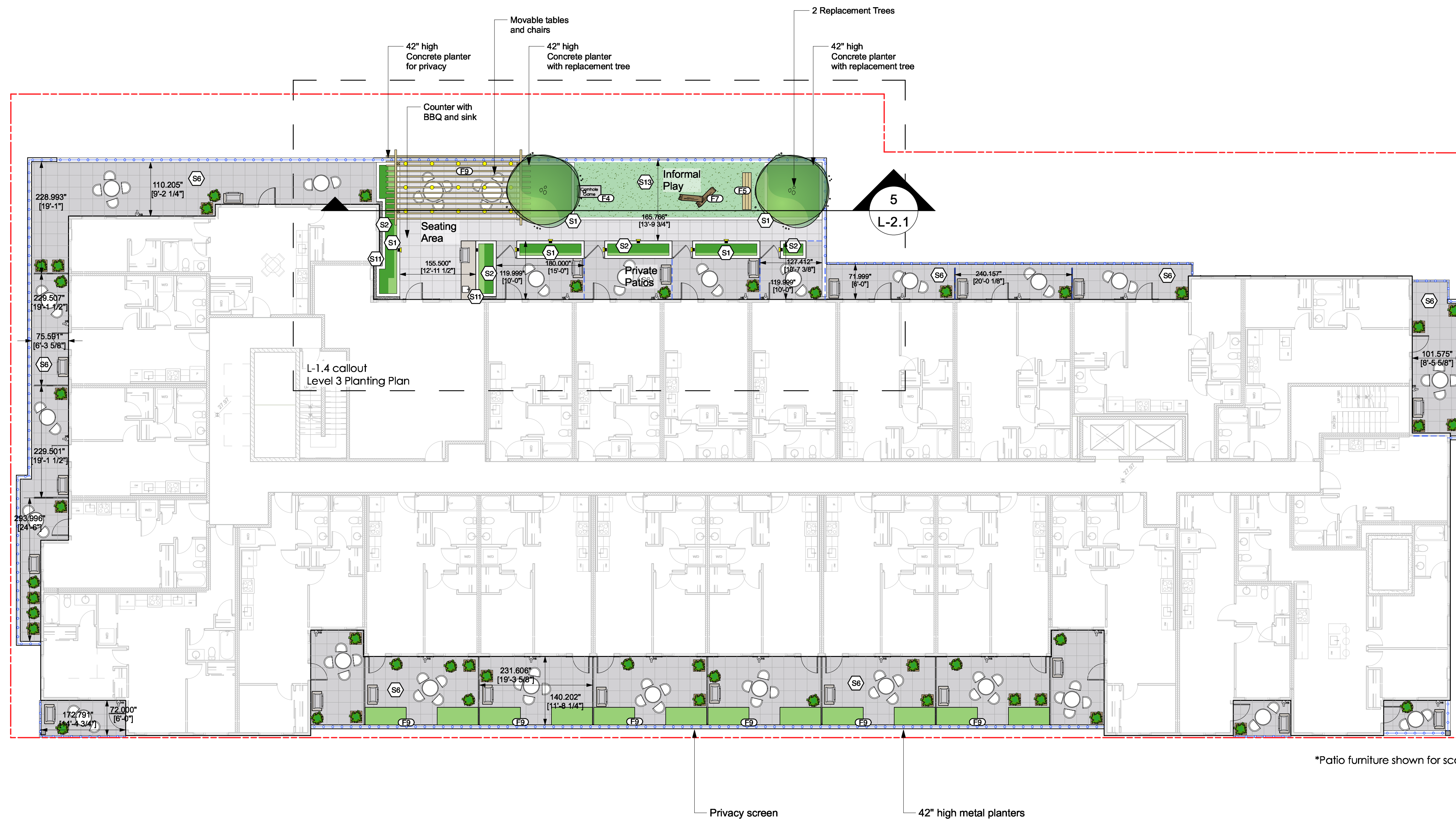
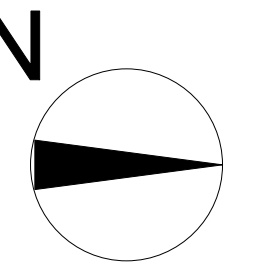
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Drawing Title:

**Ground Level
 Soil Depths**

Project No.:
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*Patio furniture shown for scale

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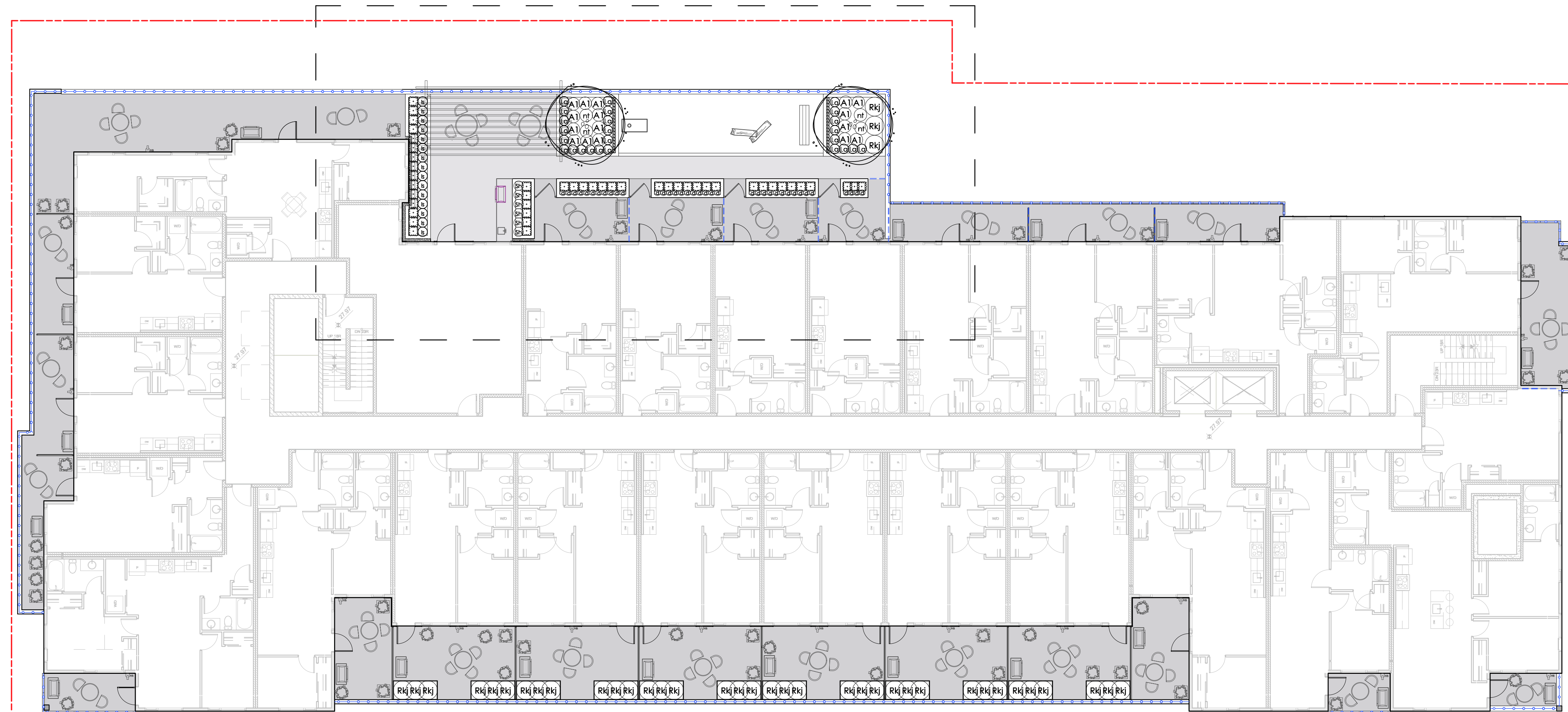
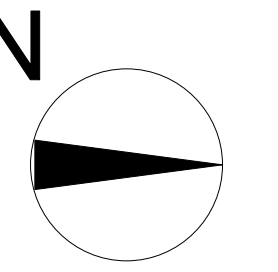
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Drawing Title:

Level 3
Materials Plan

Project No.:
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Sheet No.:



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Project:

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Date: Aug 31, 2023

Scale: 3/32" = 1'0"

Drawing Title:

**Level 3
Planting Plan**

Project No.:
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Sheet No.:

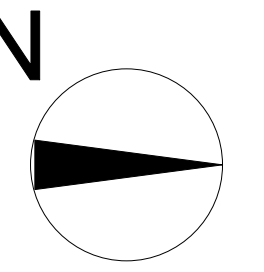
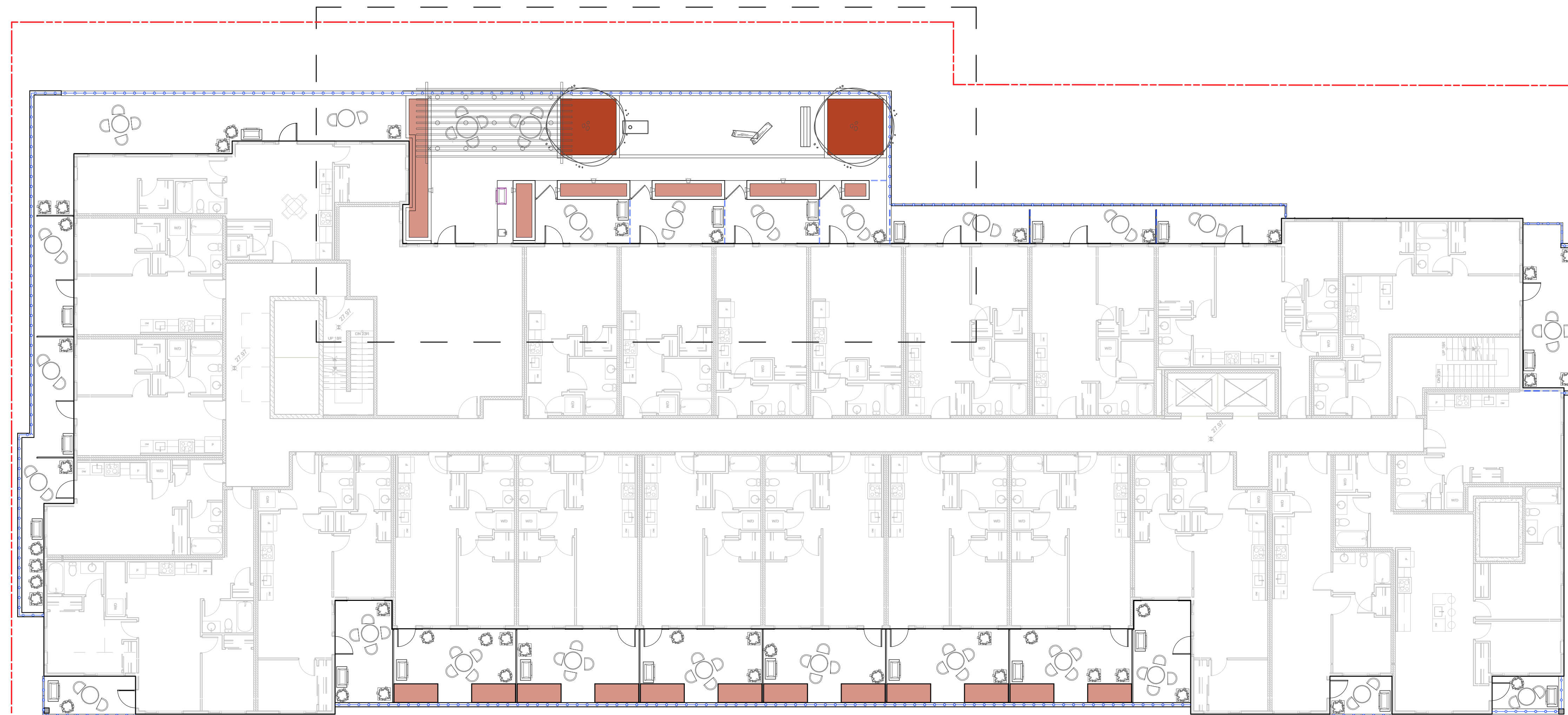
SOIL DIAGRAM

SOIL DEPTH	AREA
0.914m	14.62 m ²
0.61m	44.66 m ²
0.457m	
0.31m	
0.15m	

Total Depth = growing medium + 0.10m drain rock

----- Roof outline above

////// Covered area of planter



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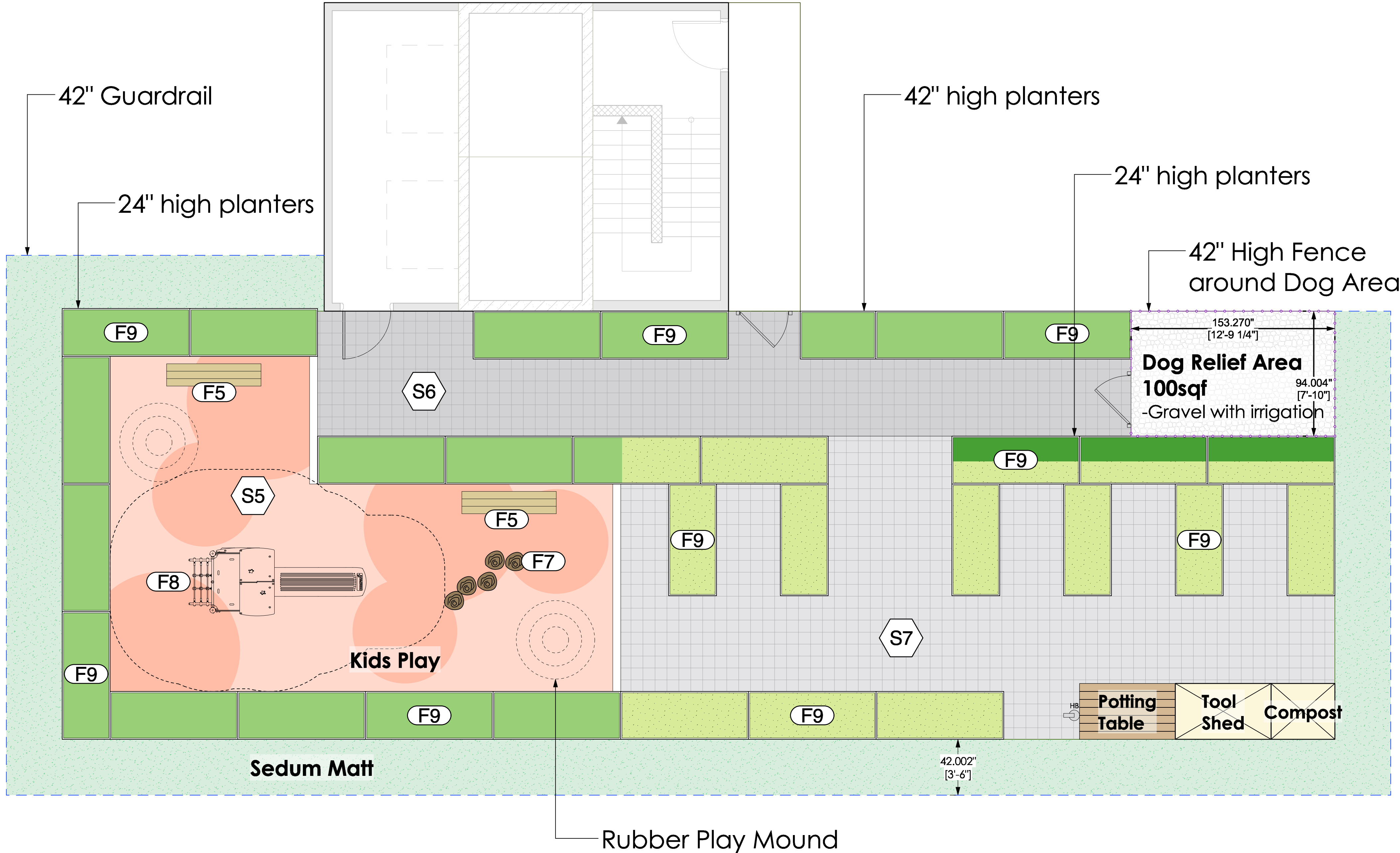
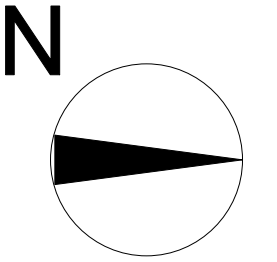
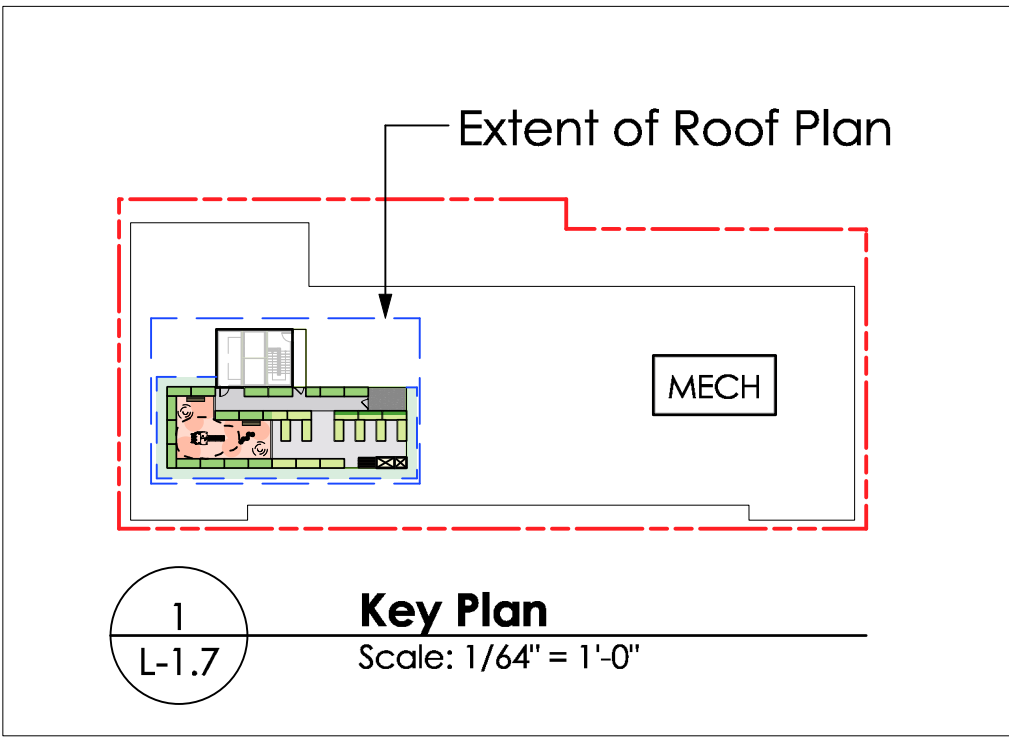
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Drawing Title:

**Level 3
 Soil Depths**

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**Roof Level
Materials Plan**

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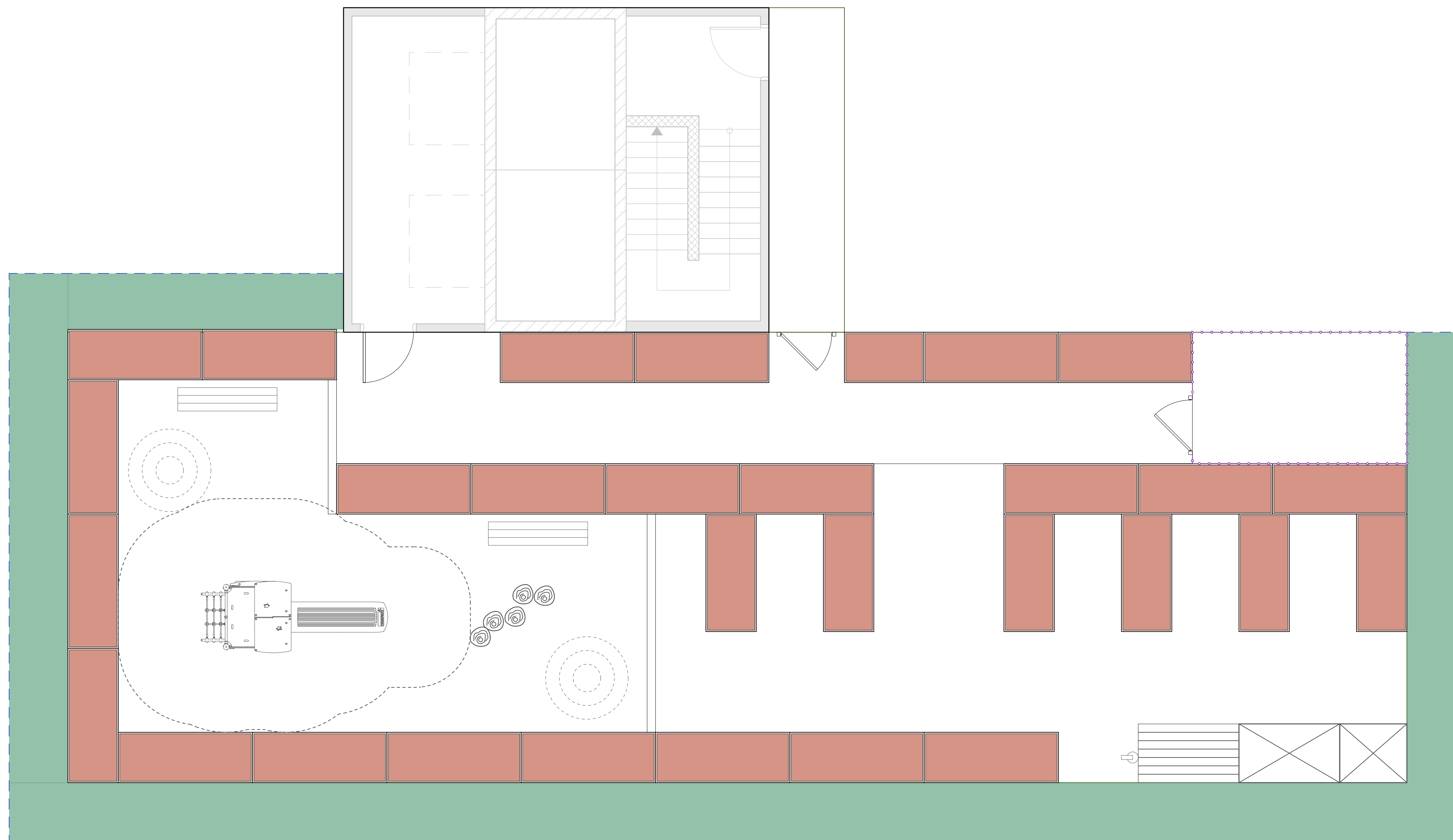
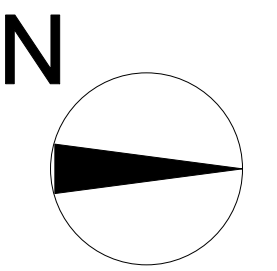
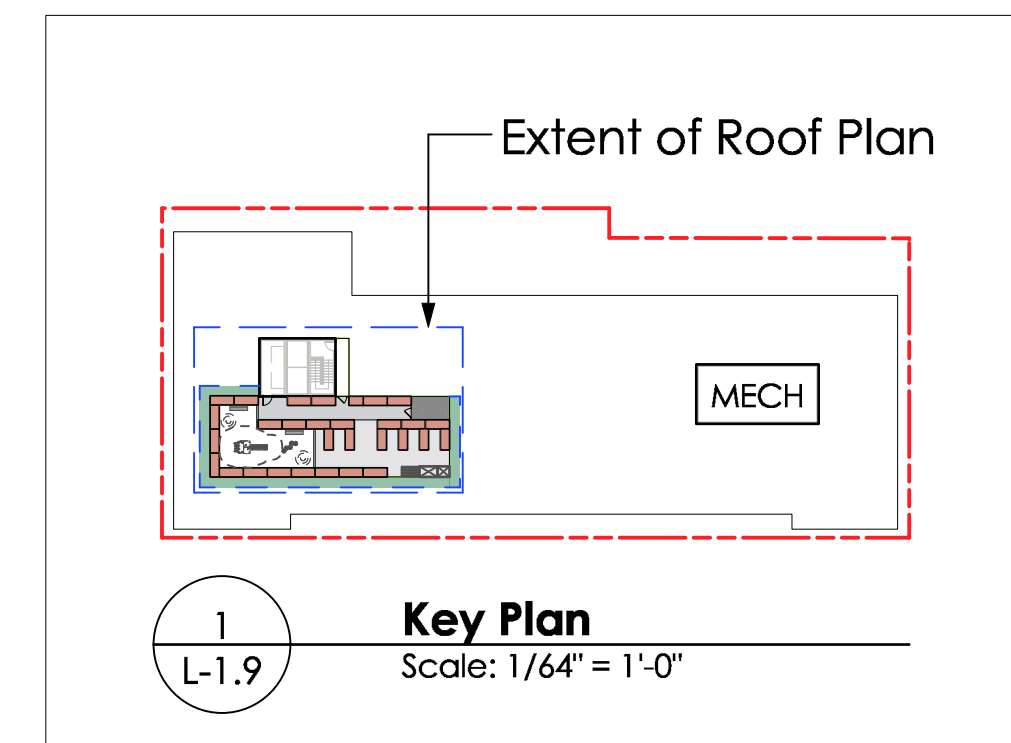
SOIL DIAGRAM

SOIL DEPTH	AREA
0.914m	
0.61m	59.45 m ²
0.457m	
0.31m	
0.15m	51.88 m ²

Total Depth = growing medium + 0.10m drain rock

----- Roof outline above

////// Covered area of planter



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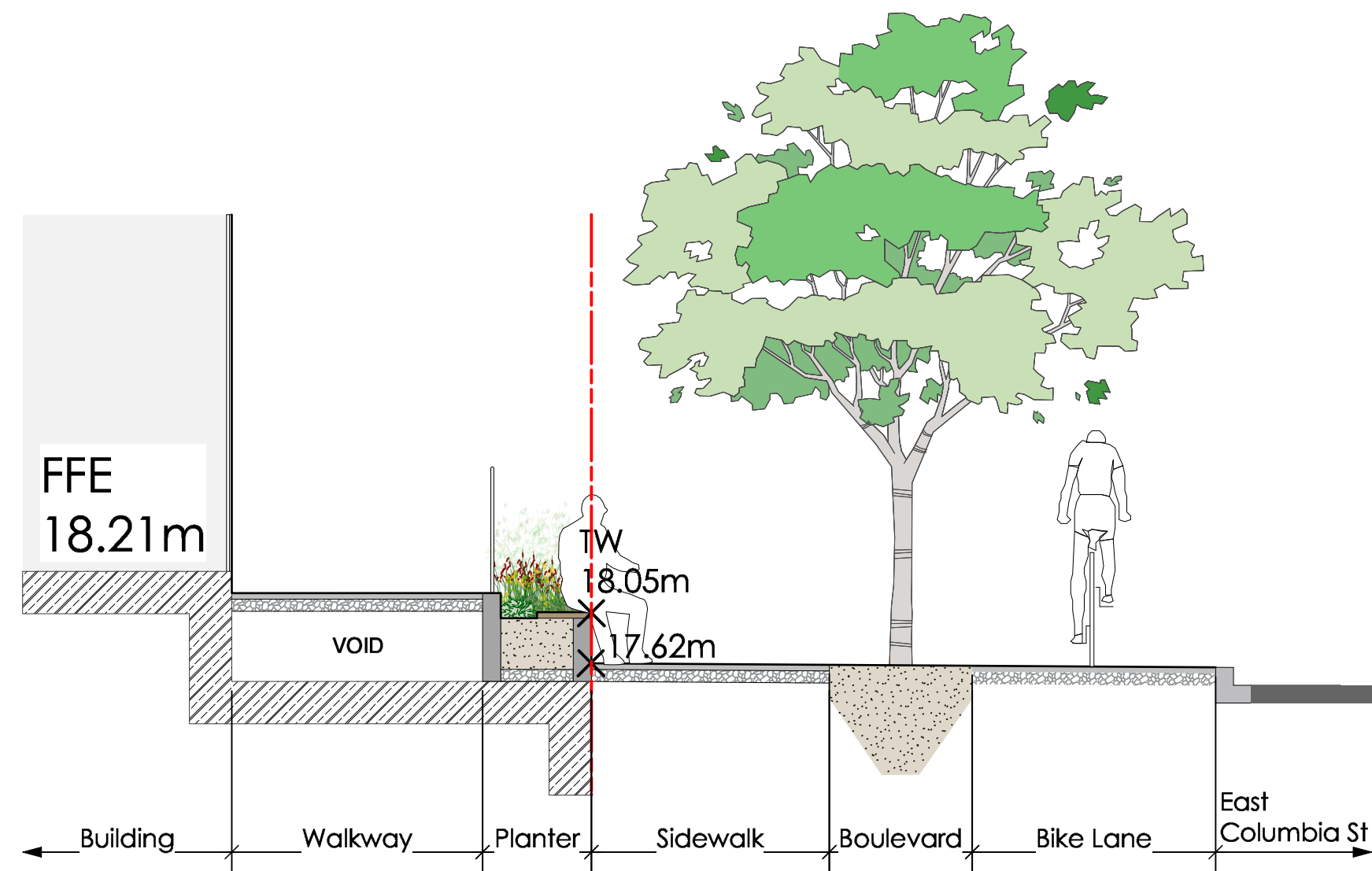
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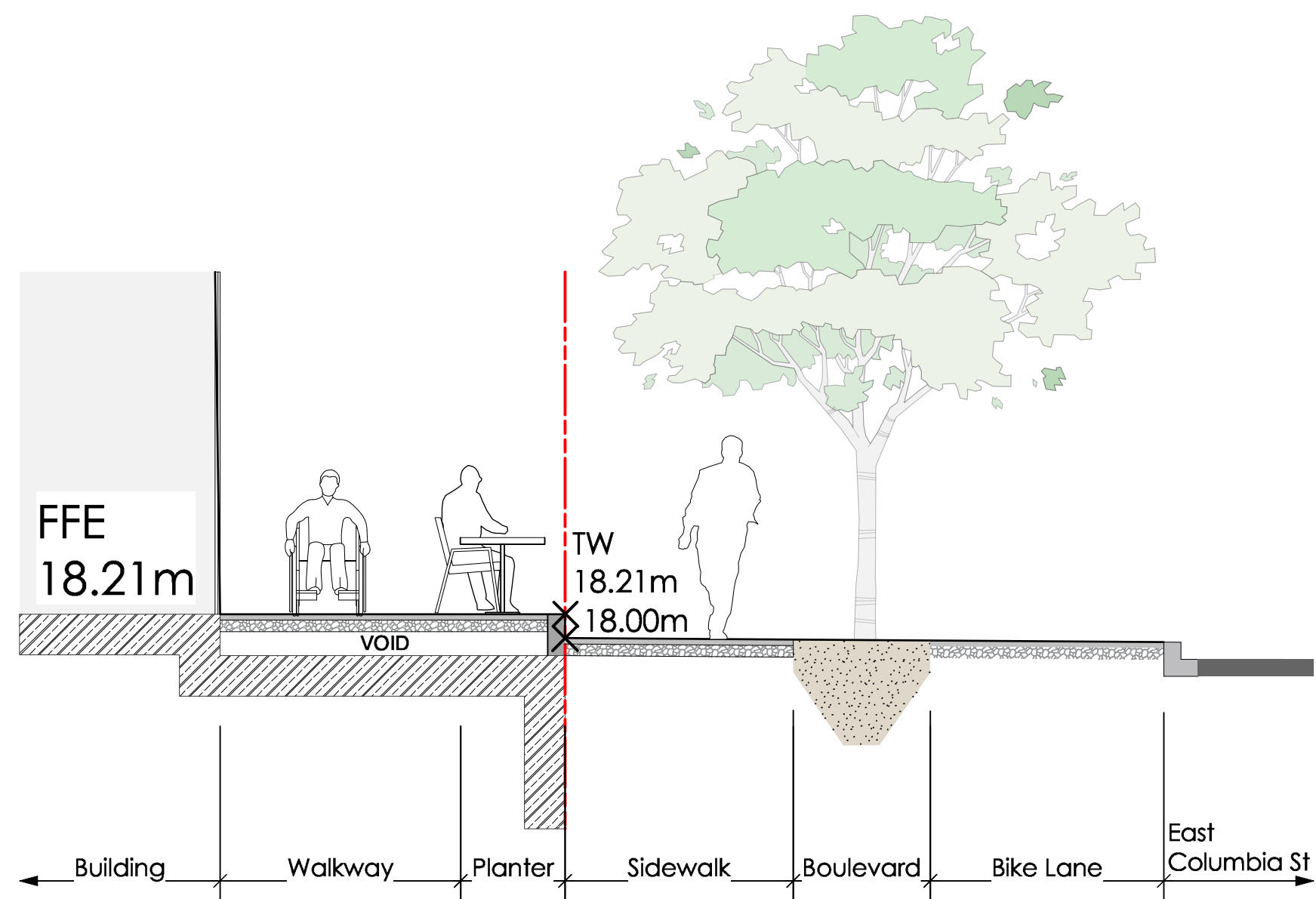
**Roof Level
Soil Depths**

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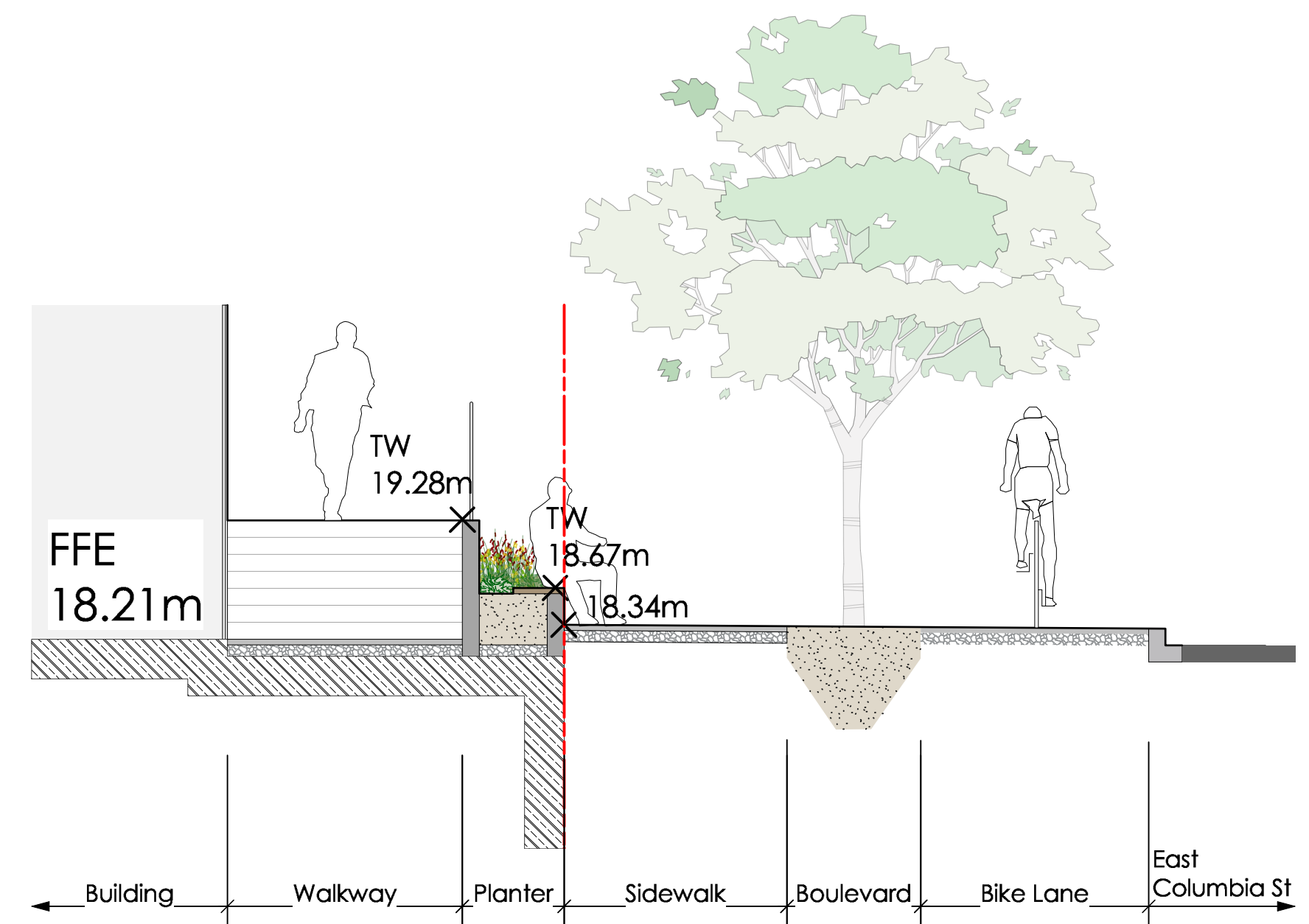
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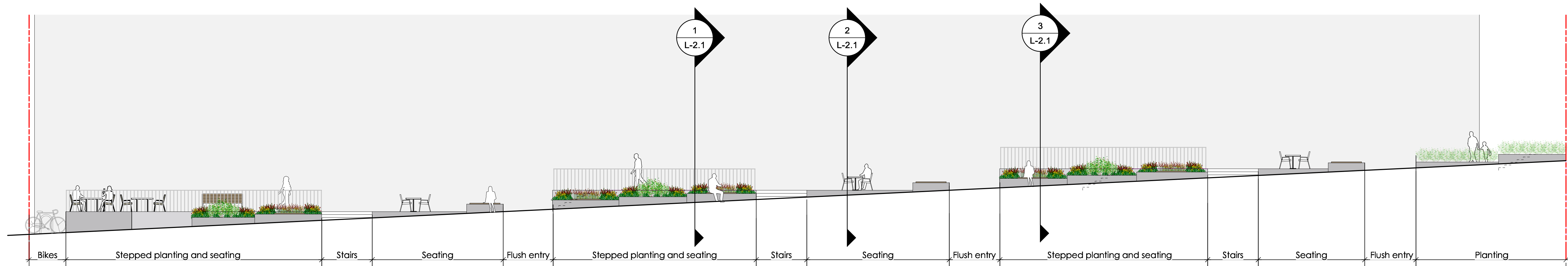
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L-2.1
East Columbia St. Section
Scale: 1 : 50



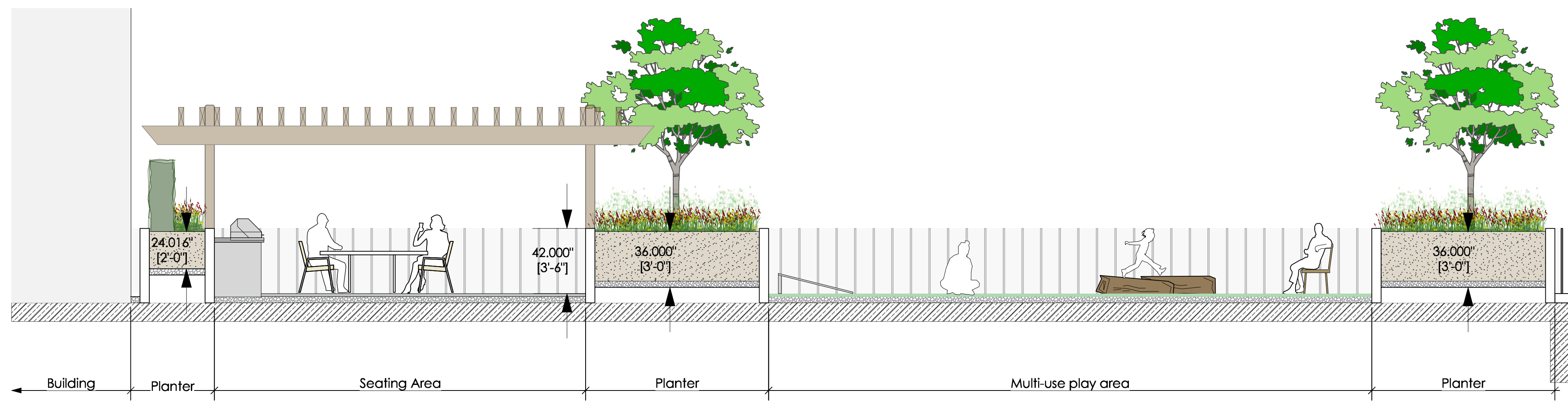
2
L-2.1
East Columbia St. Section
Scale: 1 : 50



3
L-2.1
East Columbia St. Section
Scale: 1 : 50



4
L-2.1
East Columbia St. Elevation
Scale: 1 : 100



5
L-2.1
Level 3 Amenity Space
Scale: 1 : 50

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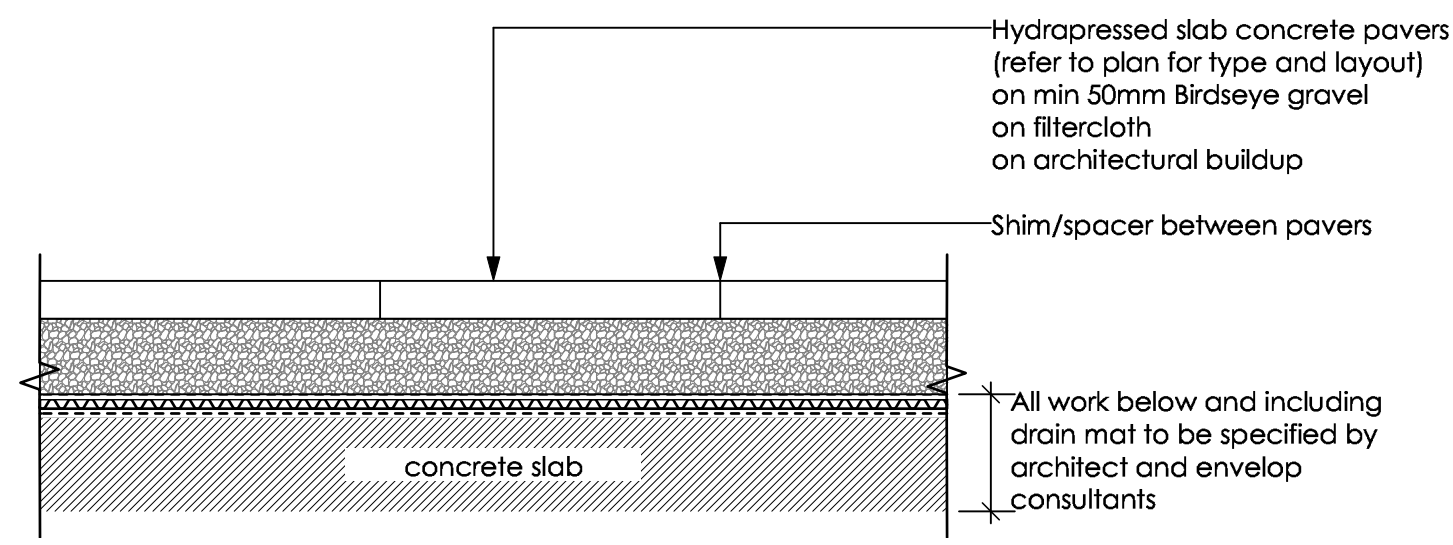
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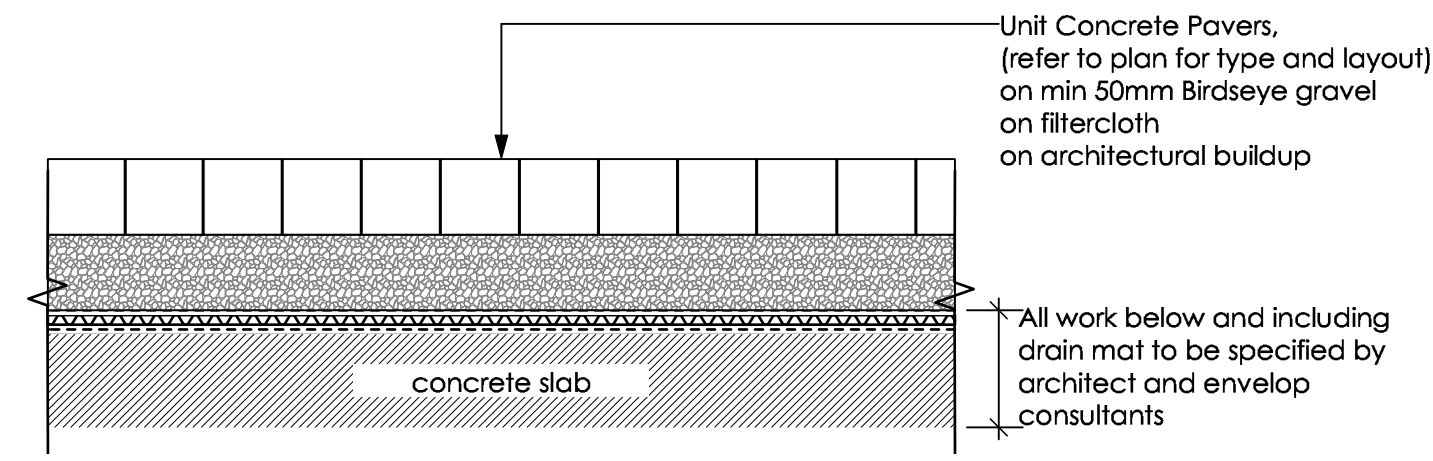
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Scale:	As Shown
Drawing Title:	

Landscape Sections

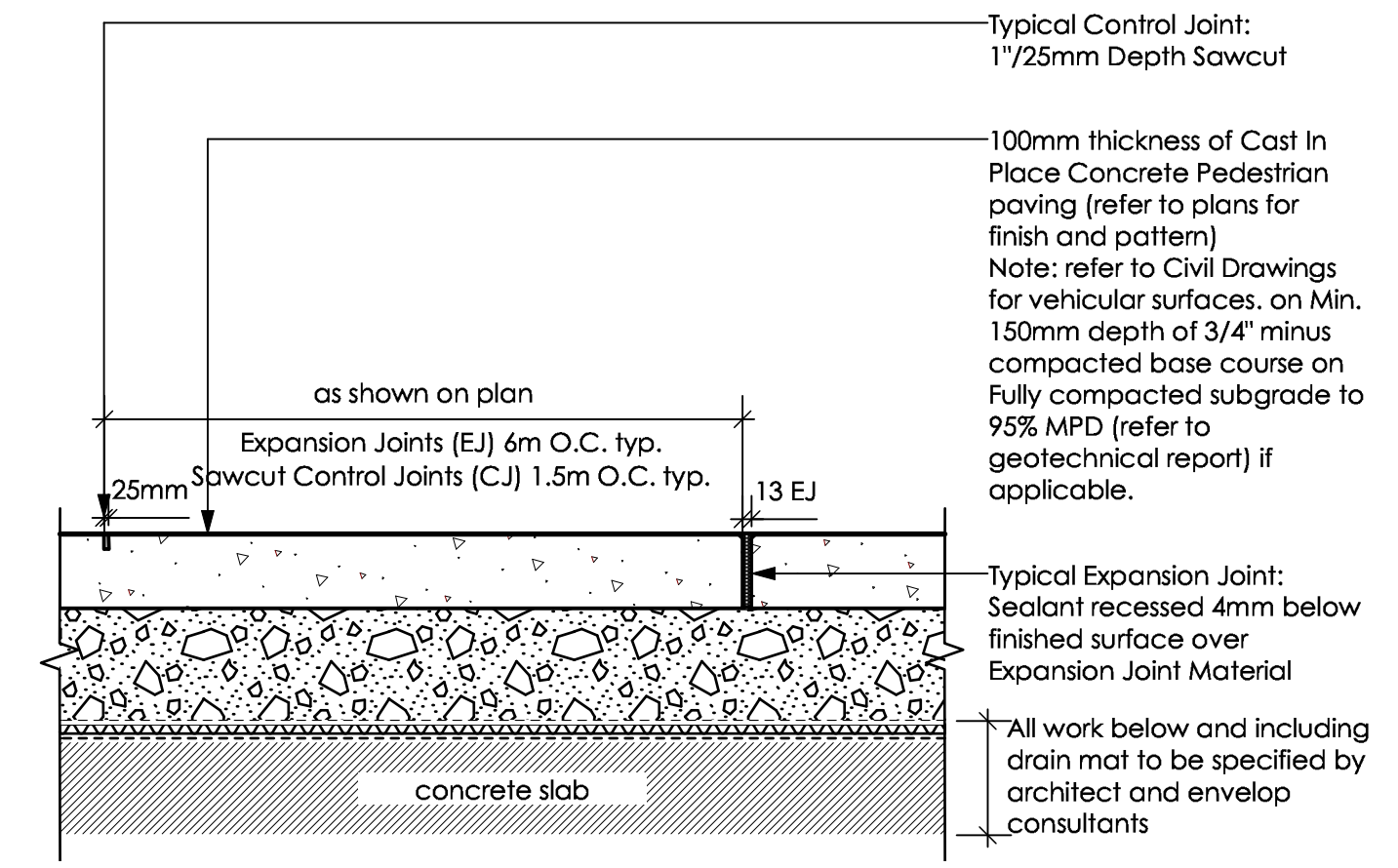
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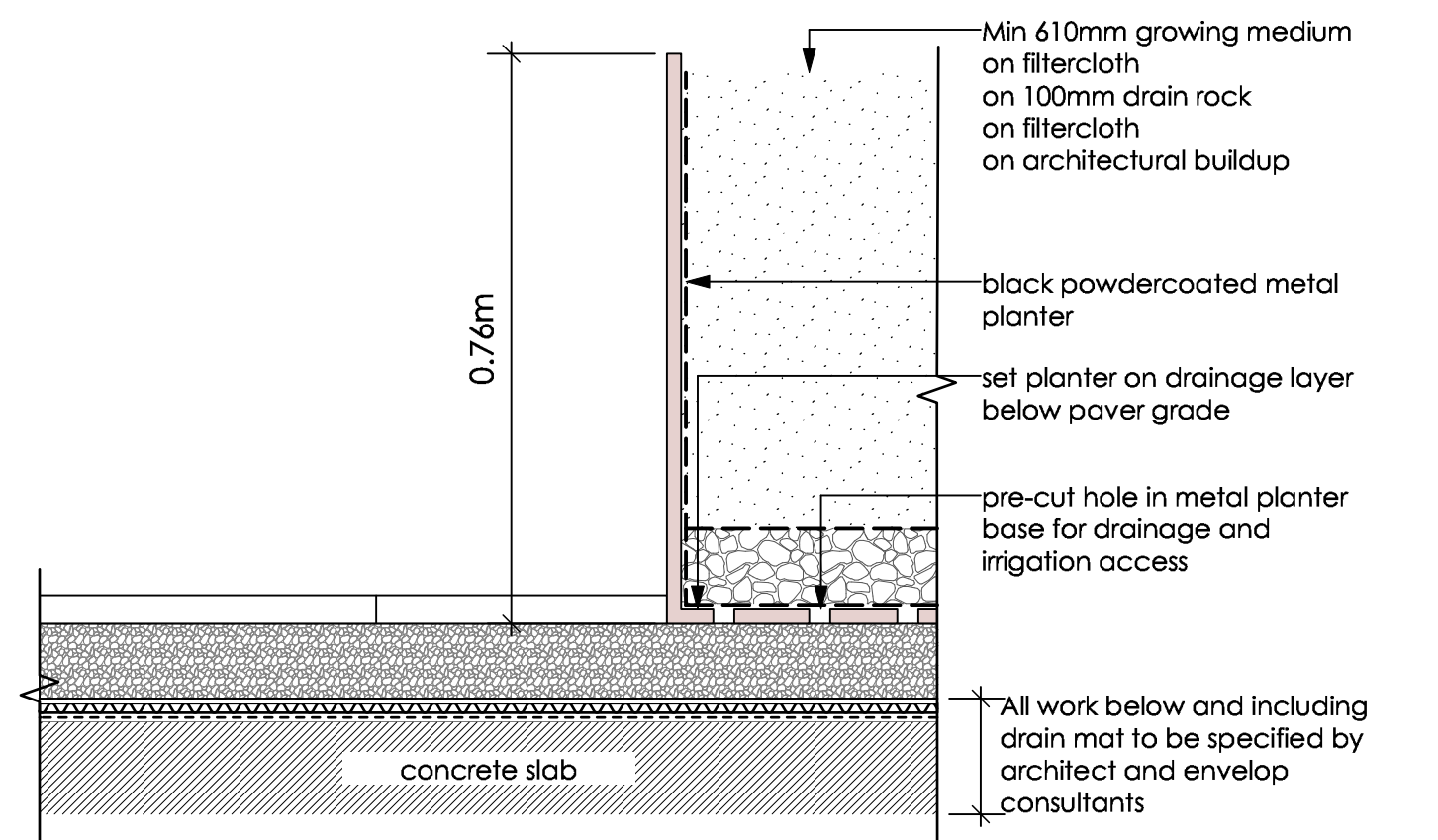
1 **Hydropressed Slabs - On Slab**
L-3.1 Scale: 1 : 10



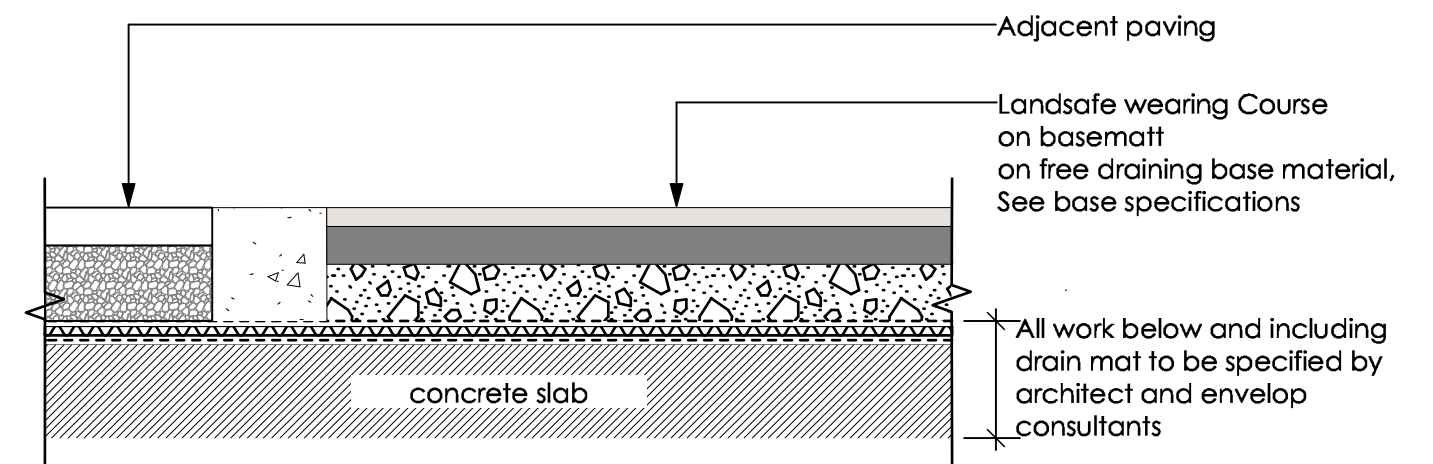
2 **Unit Concrete Pavers - On Slab**
L-3.1 Scale: 1 : 10



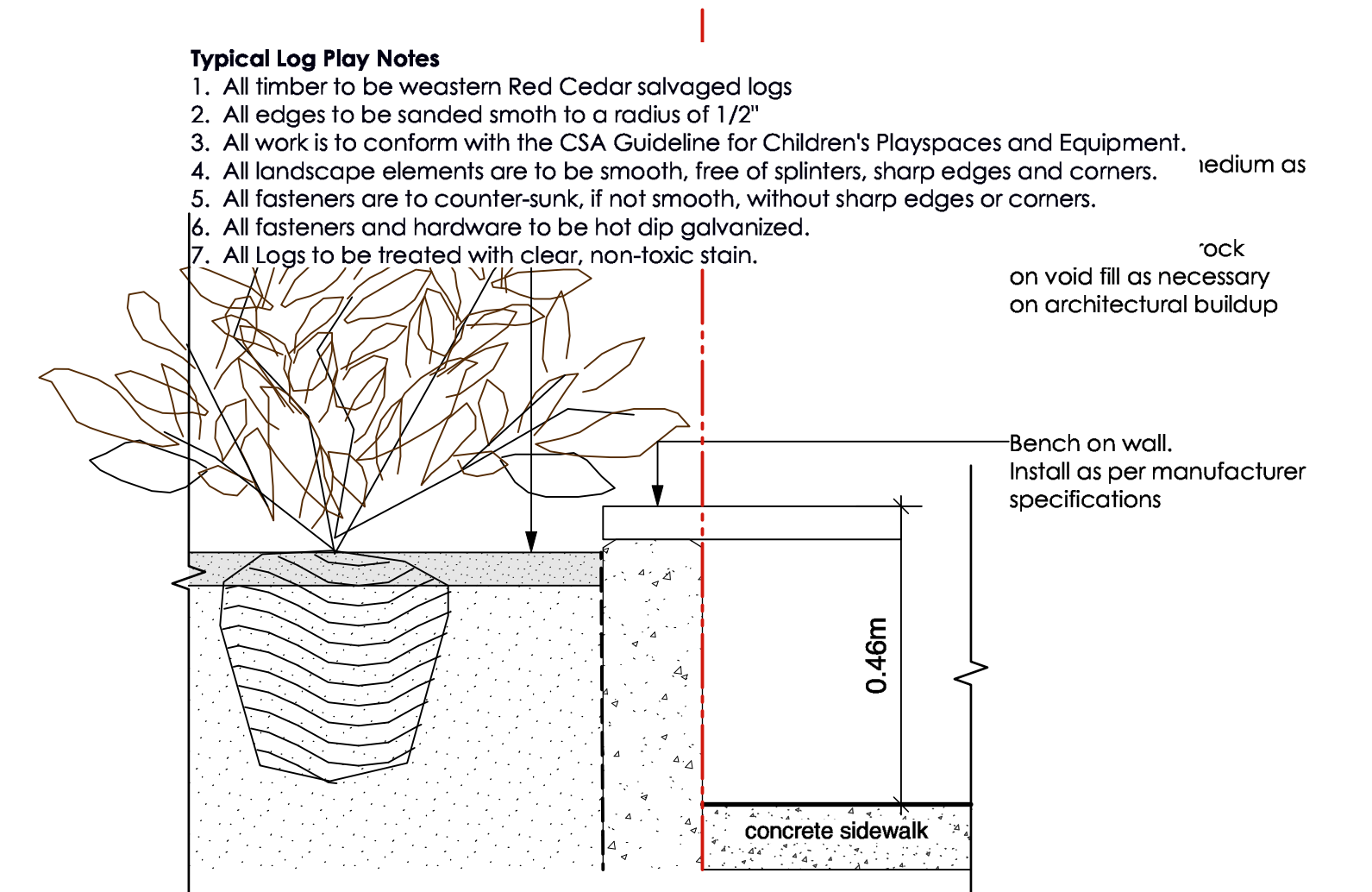
3 **CIP Concrete - On Slab**
L-3.1 Scale: 1 : 10



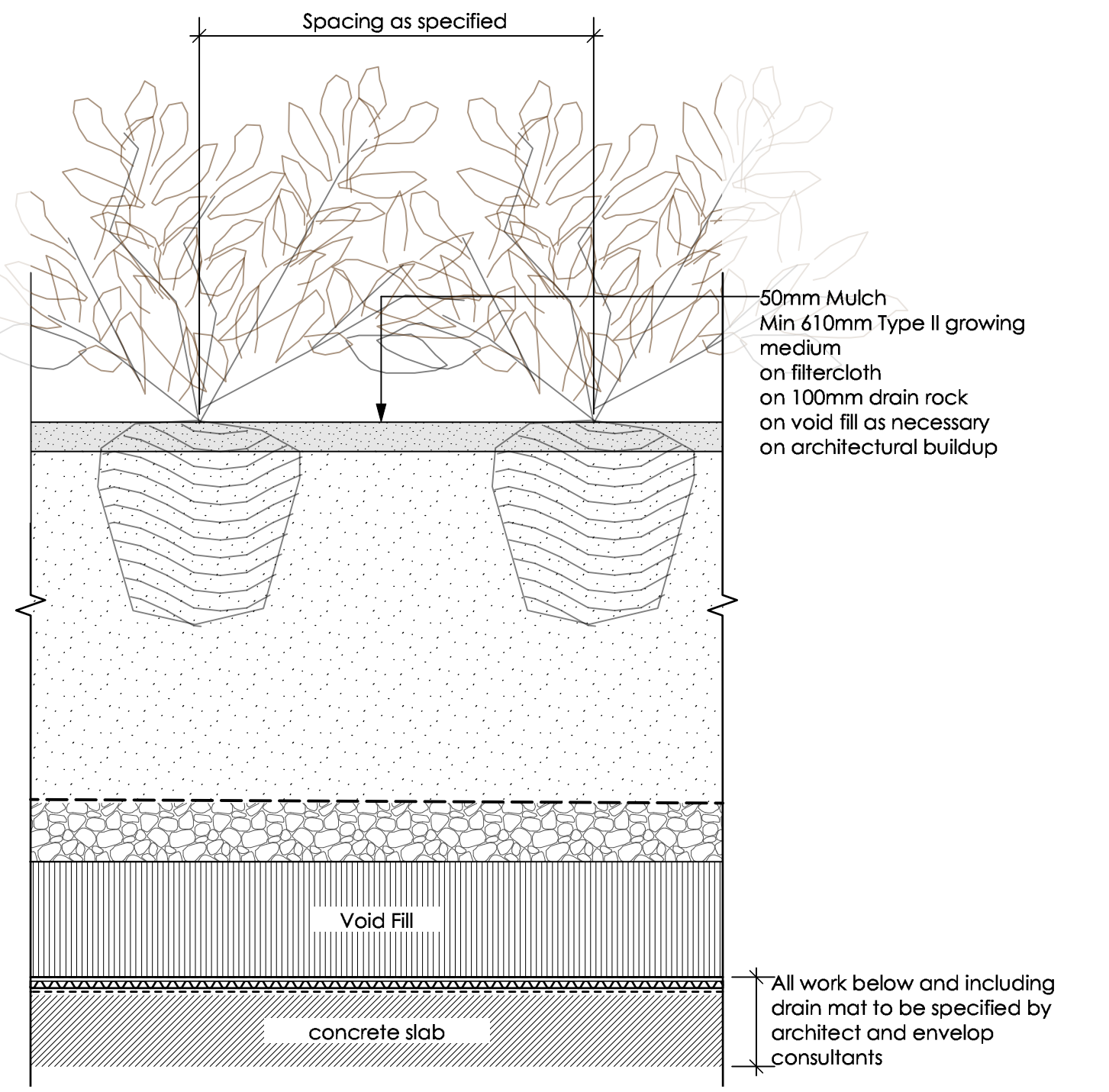
4 **Metal Planter - On Slab**
L-3.1 Scale: 1 : 10



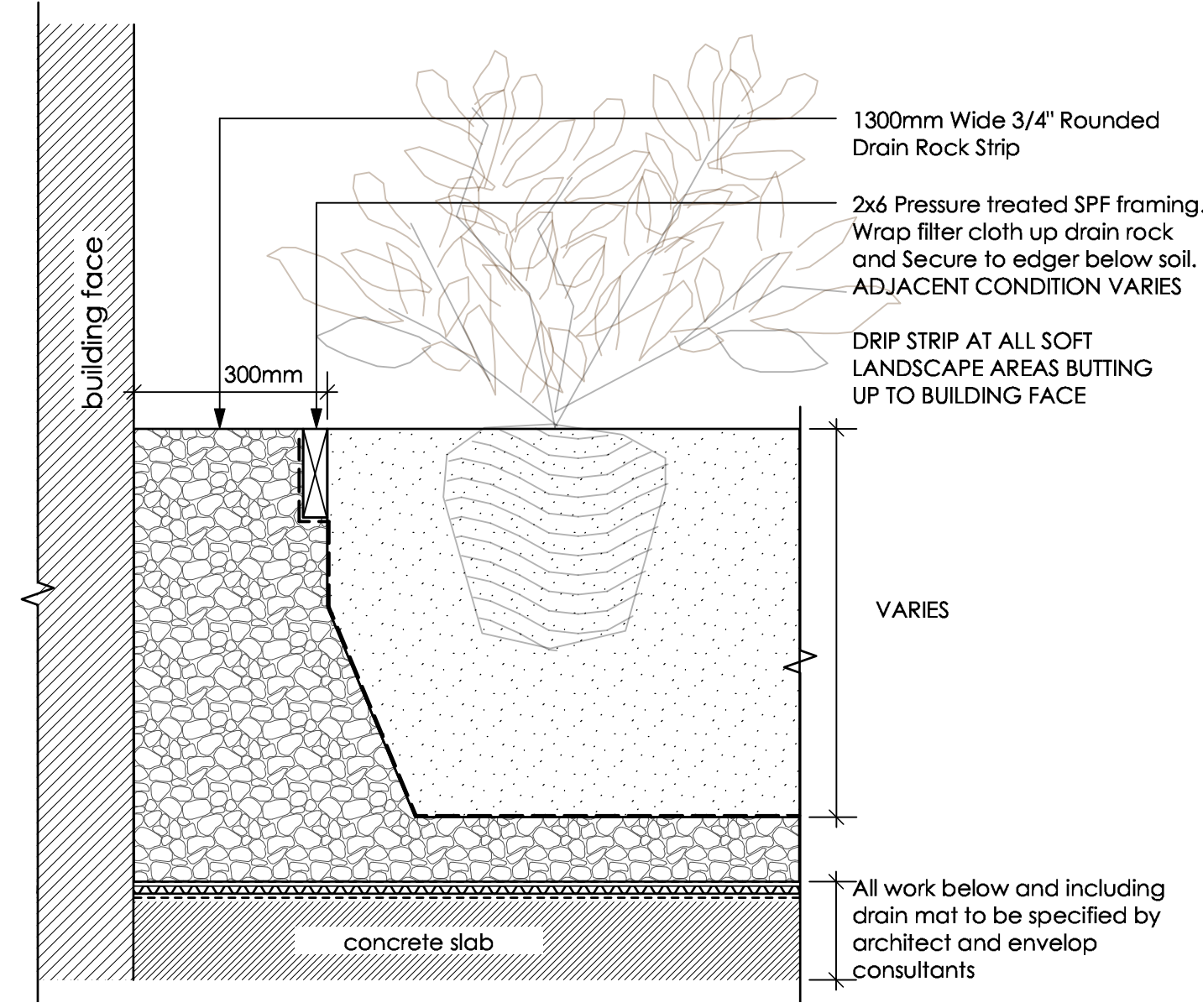
5 **Poured in Place Rubber Play Surfacing - On Slab**
L-3.1 Scale: 1 : 10



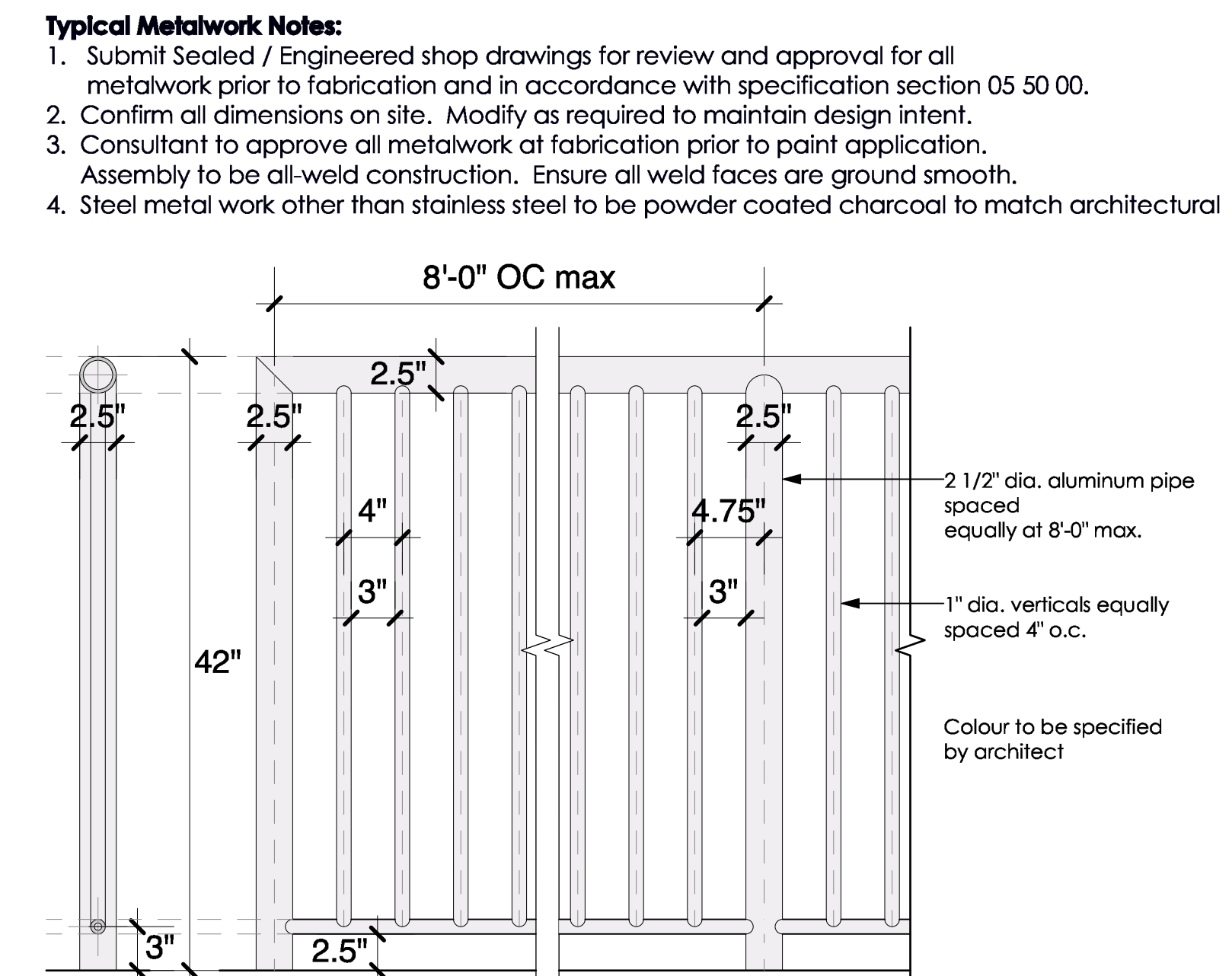
6 **Concrete Planter Wall/ Seatwall + Shrub Planting - On Slab**
L-3.1 Scale: 1 : 10



7 **Shrub Planting and Concrete Planter Wall - On Slab (roof)**
L-3.1 Scale: 1 : 10



8 **Drip Strip at Building Face - On Slab**
L-3.1 Scale: 1 : 10



9 **Metal Fence at Dog Area - Rooftop**
L-3.1 Scale: NTS

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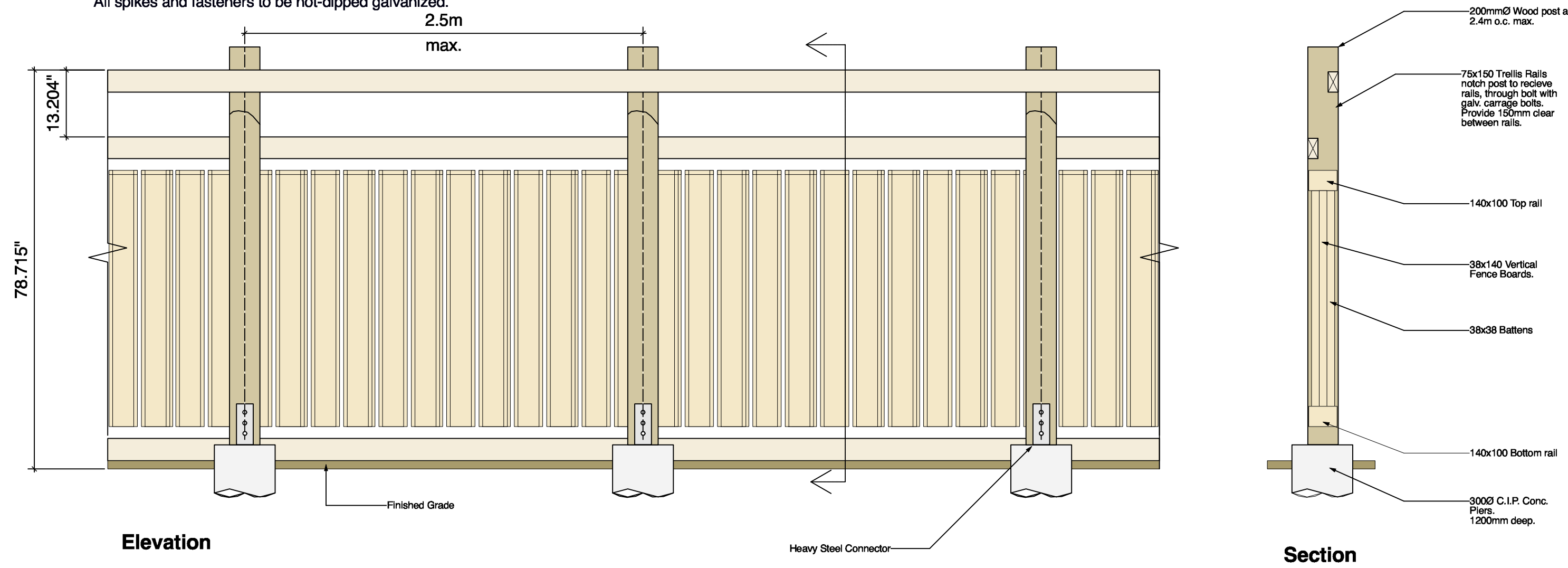
Draw by:	JC
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Date:	Aug 31, 2023
Scale:	As Shown
Drawing Title:	

Landscape Details

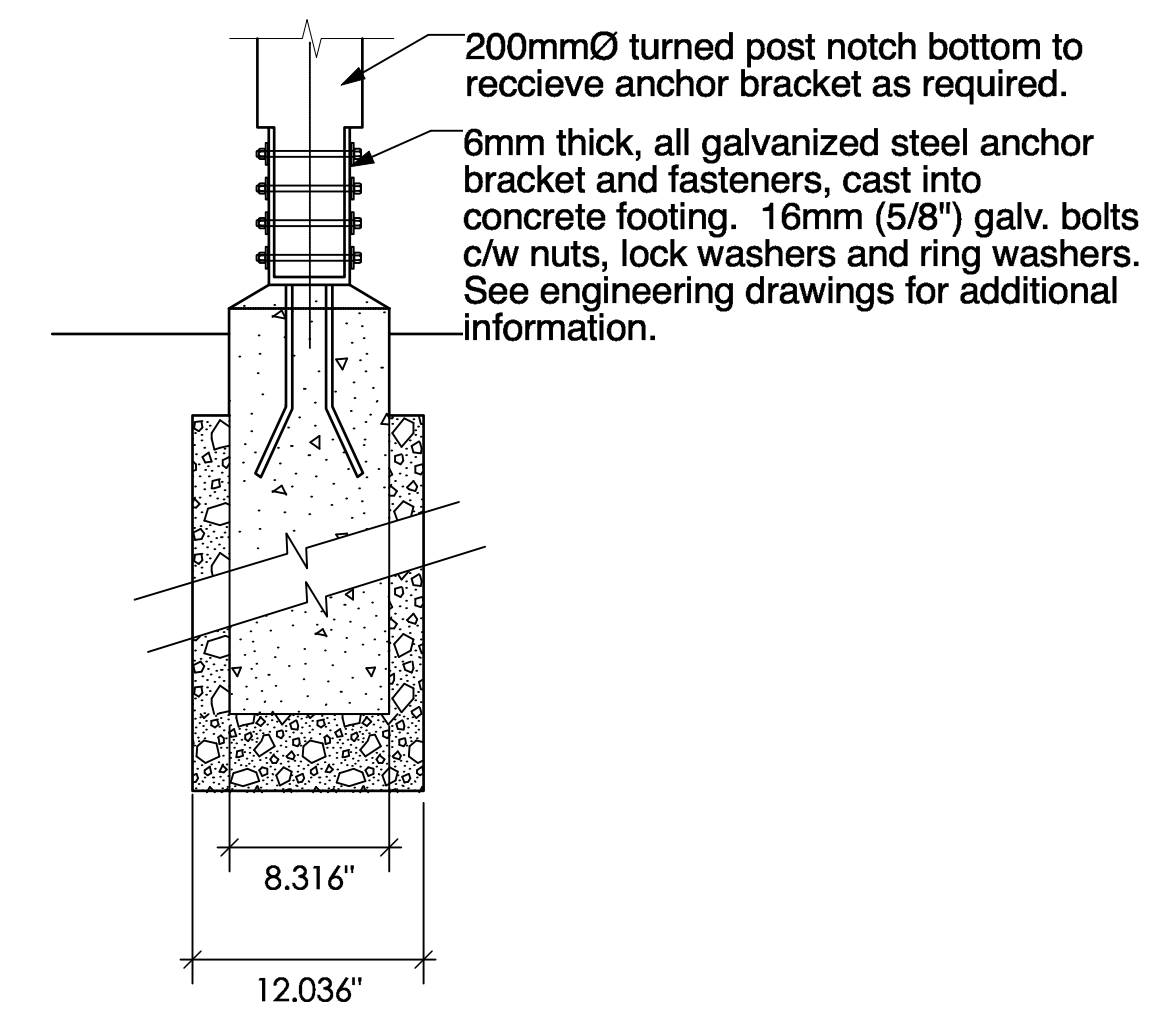
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NOTE: All fence material to be select western red cedar resawn, pressure treated (P.T.) Hemfir where noted.
All spikes and fasteners to be hot-dipped galvanized.



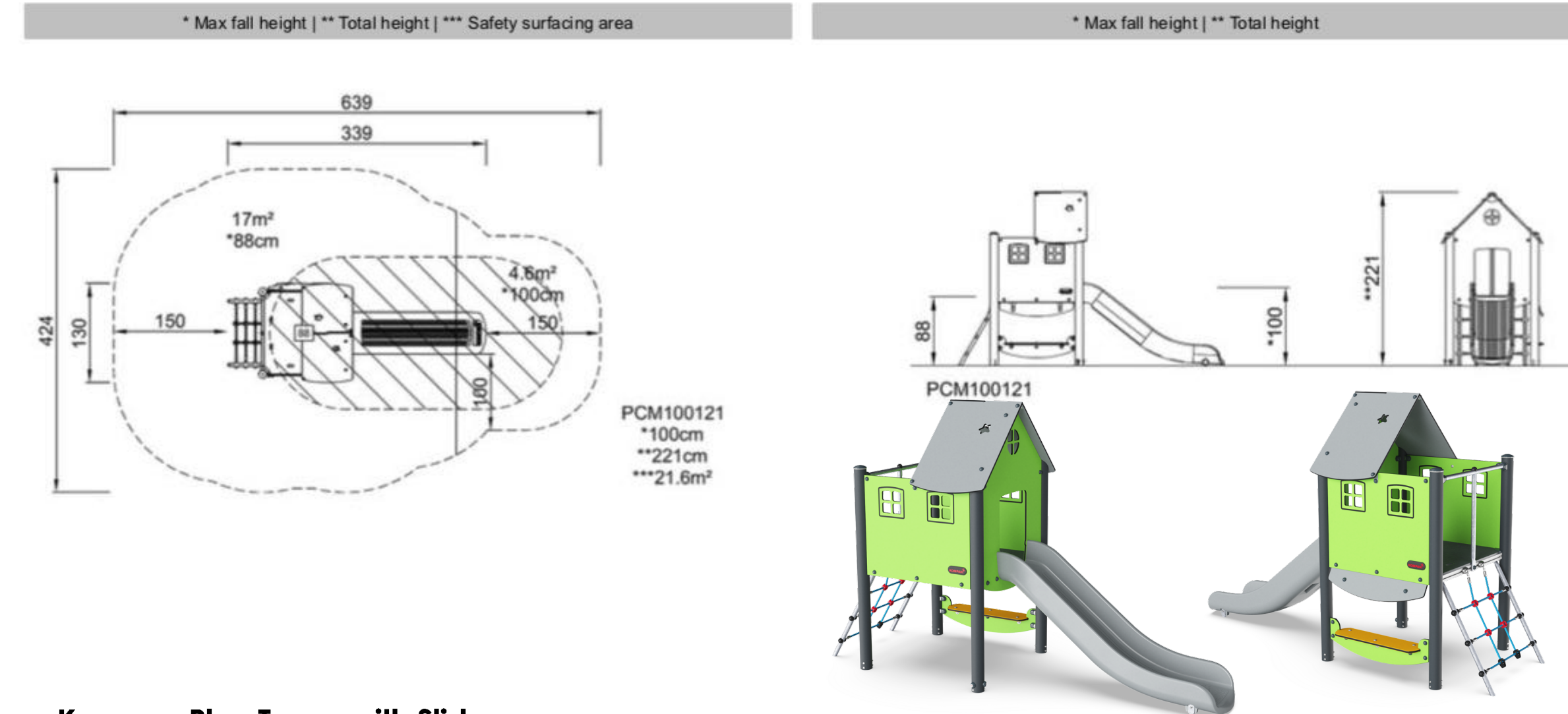
1 L-3.2 **6ft Wooden Perimeter Fencing**
Scale: 1 : 20



2 L-3.2 **Fence Post Footing**
Scale: 1 : 10

Play Tower with Slide

PCM100121



3 L-3.2 **Kompan Play Tower with Slide**
Scale: NTS

Generation 50

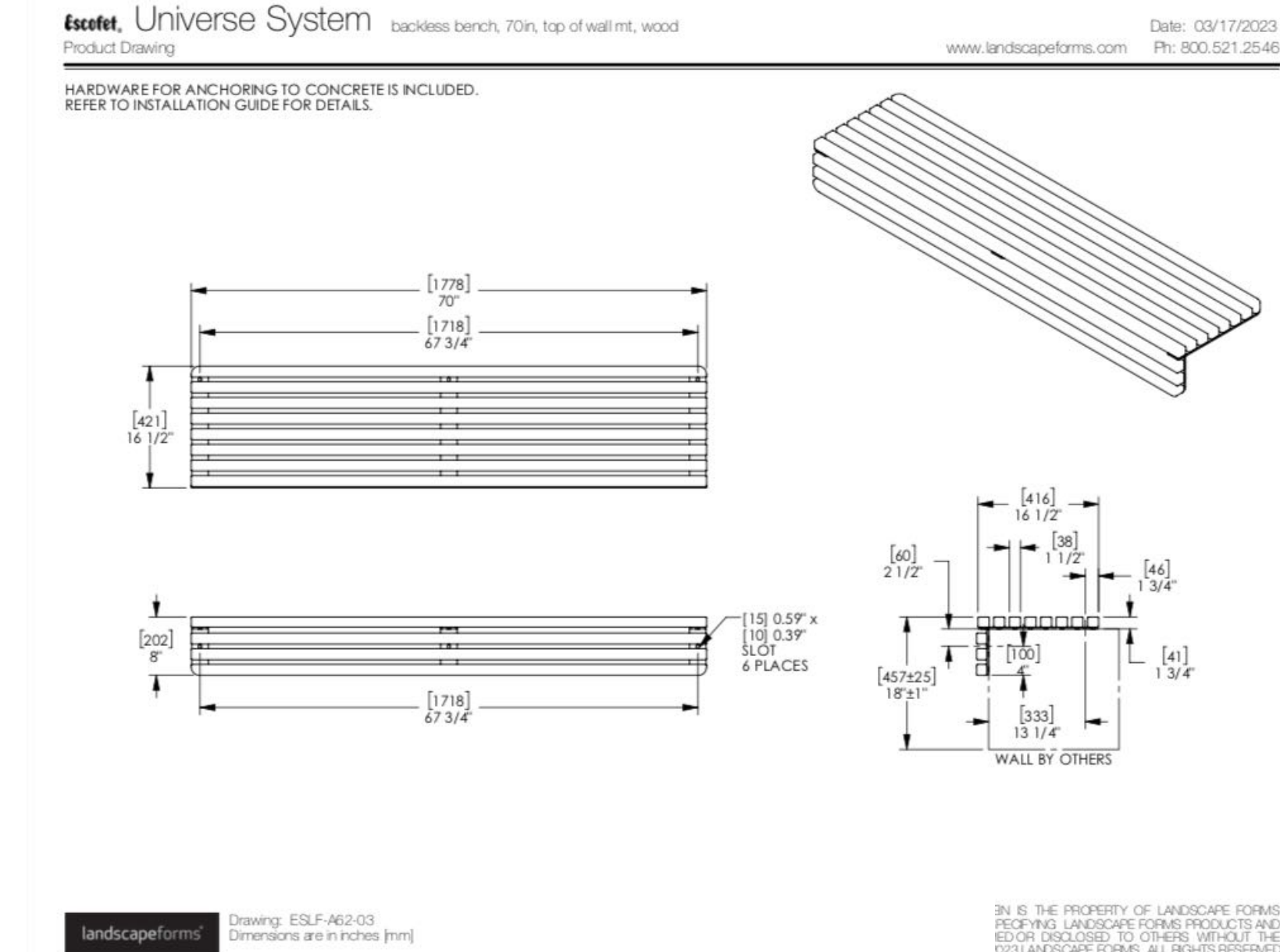
Product Data Sheet



The Generation 50 line of benches and litter receptacles is a modern interpretation of several of the company's classic designs. "Generation 50 pays homage to the design, culture, and craft that is at the heart of the company but also takes advantage of the manufacturing expertise and new technologies that characterize Landscape Forms now and into the future," says Generation 50 designer Robert Chipman. Angular, diamond-shaped detailing is the shared visual character across the line's pieces. Generation 50's many options and broad application fit multiple site designs and uses. Benches can be specified with or without backs; in traditional, cantilevered, top-of-wall mounted, and wall mounted styles; with curved or straight face boards; and with three arm options or without arms. A litter receptacle in two styles rounds out the line. The elements are made of cast aluminum, steel, and wood, including thermally modified ash, a domestically sourced, sustainable material.

	Style	Depth	Width / Length	Height	Weight
	Traditional Backed with (2) Arms	26"	72"	33"	139 lbs

5 L-3.2 **Kompan Play Tower with Slide**
Scale: NTS



4 L-3.2 **Top of Wall Bench**
Scale: NTS

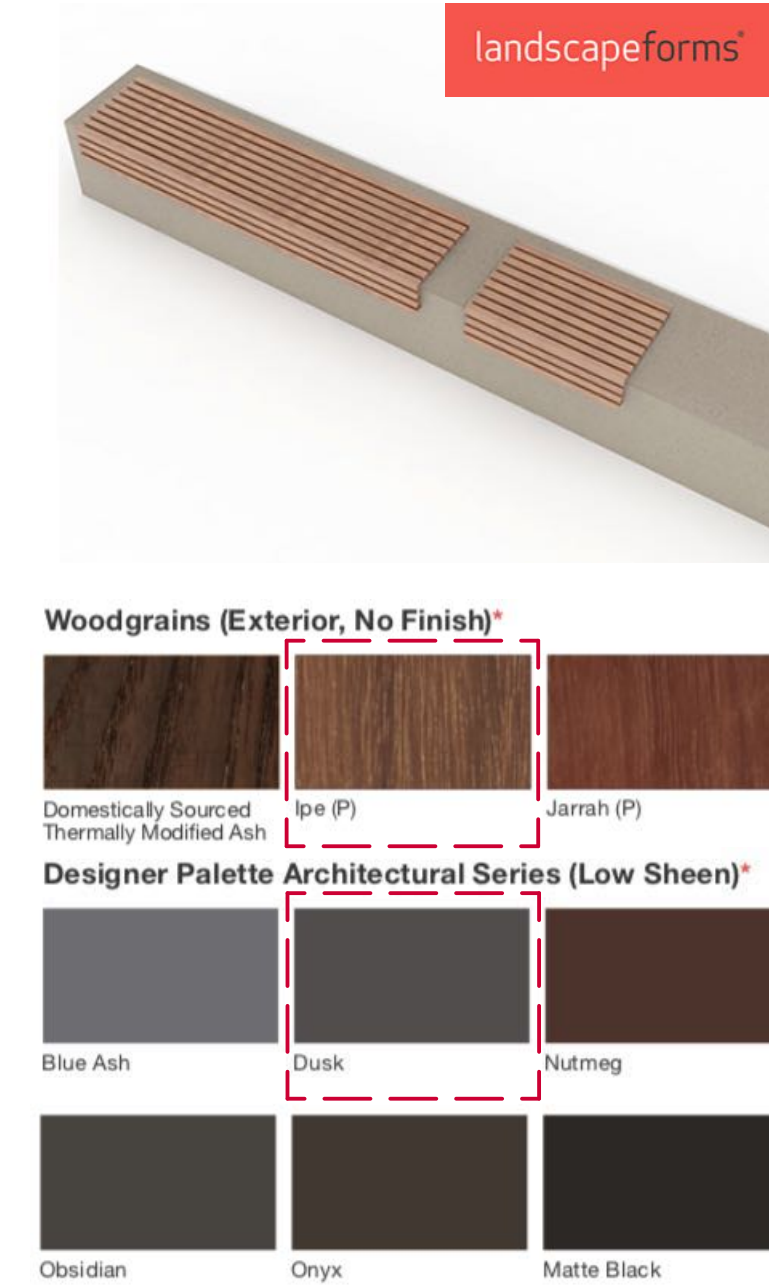
NeoLiviano Bench

Product Data Sheet

The NeoLiviano bench is a lyrical variation on NeoRomantico. Lighter in structure and form it has arms for extra comfort. Its slim profile coupled with a strong cast aluminum structure and wood slat seat and back make it versatile seating for both public and private spaces.

	Backed	Style	Depth	Width	Height	Product Weight
	Rooftop	69"	26.5"	69"	31"	96 lb
	Level 3	59"	19.5"	59"	17"	51 lb

6 L-3.2 **Benches at L3 and Rooftop**
Scale: NTS



2 2023-08-31 For DP Re-Submission
1 2023-03-03 For DP
no.: Date: Item:
Revision:

DURANTE KREUK LTD.
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Project:

**E Columbia St
New Westminister,
BC**

Draw by: JC

Check by: PK

Date: Aug 31, 2023

Scale: As Shown

Drawing Title:

Landscape Details

Project No.:
22035

Sheet No.:

L46

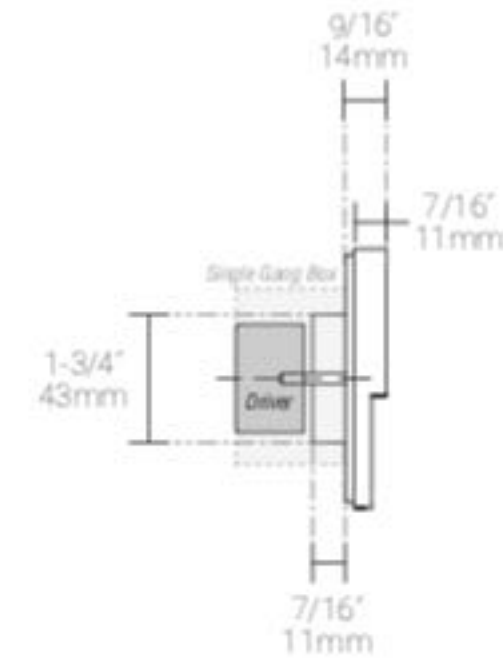
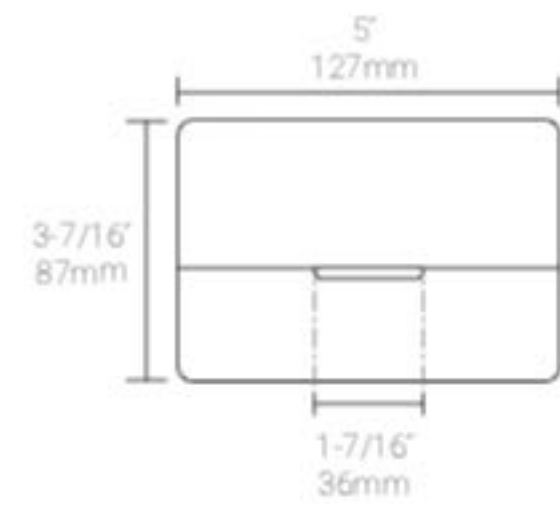
EXTERIOR | INTERIOR
Steplight | For walls, stairs, and walkways.

- Wet, Damp, and Dry location



Fixture

Side View



1
L-3.3

Step Light
Scale: NTS

Tumbler

Housing: Die-cast aluminum
Lens: Tempered glass (clear or opal / diffused)
Light Source: PCB LED - Cree XPG2, CoB LED - Birdgleux Gen 7
Color Temperature: 3000K, 4000K
Power Supply: 120V-277V
Dimming: 1-10V (DALI available upon request)
Protection Class: IP66
Weight: 14.5 lbs (luminaire only)
EPA: 0.84 ft²

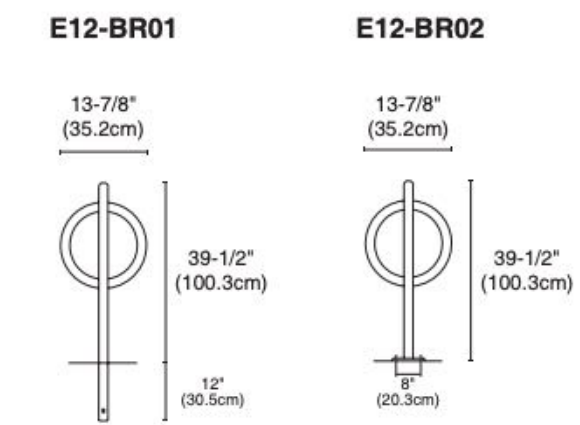


2
L-3.3

Down Light in Canopy - L3
Scale: NTS

Series 12 Express Lollipop Bike Rack

GENERAL SPECIFICATIONS
Metal: All Series 12 Express Lollipop bike rack frames are constructed of 1.9" (4.8cm) outside diameter steel pipe. The metal is powder coated with electrostatically applied polyester and baked at a high temperature to produce a mar resistant finish.
Hardware: A special wrench for vandal resistant hardware is supplied with each bike rack. All hardware is professionally finished with our baked-on polyester powder coating.
INSTALLATION OPTIONS
 The Series 12 Express Lollipop bike rack is available in bolt-down or in-ground configurations.
In-ground: E12-BR01 installs directly into concrete to a depth of 12".
Bolt-down: E12-BR02 is fastened directly to the ground using 3/8" bolts (not provided). Vandal-resistant flush nuts are included for additional security.
METAL COLOURS
 Choose from our 26 standard paint colours, or for an additional charge, choose from over 160 custom paint colours. Standard colour chips and custom colour charts are available upon request.



3
L-3.3

Bike Rack
Scale: NTS

2	2023-08-31	For DP Re-Submission
1	2023-03-03	For DP
no.:	date:	item:

Revision:



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