

ALL UN-PAVED SURFACES TO RECEIVE 150mm DEPTH TOPSOIL & SOD.

PRIOR TO INSTALLATION OF TREES, THE DEVELOPER WILL CONTACT THE PLANNING AND GROWTH MANAGEMENT AND FORESTRY SERVICES TO REVIEW THE SPECIES AND LOCATION OF TREES.



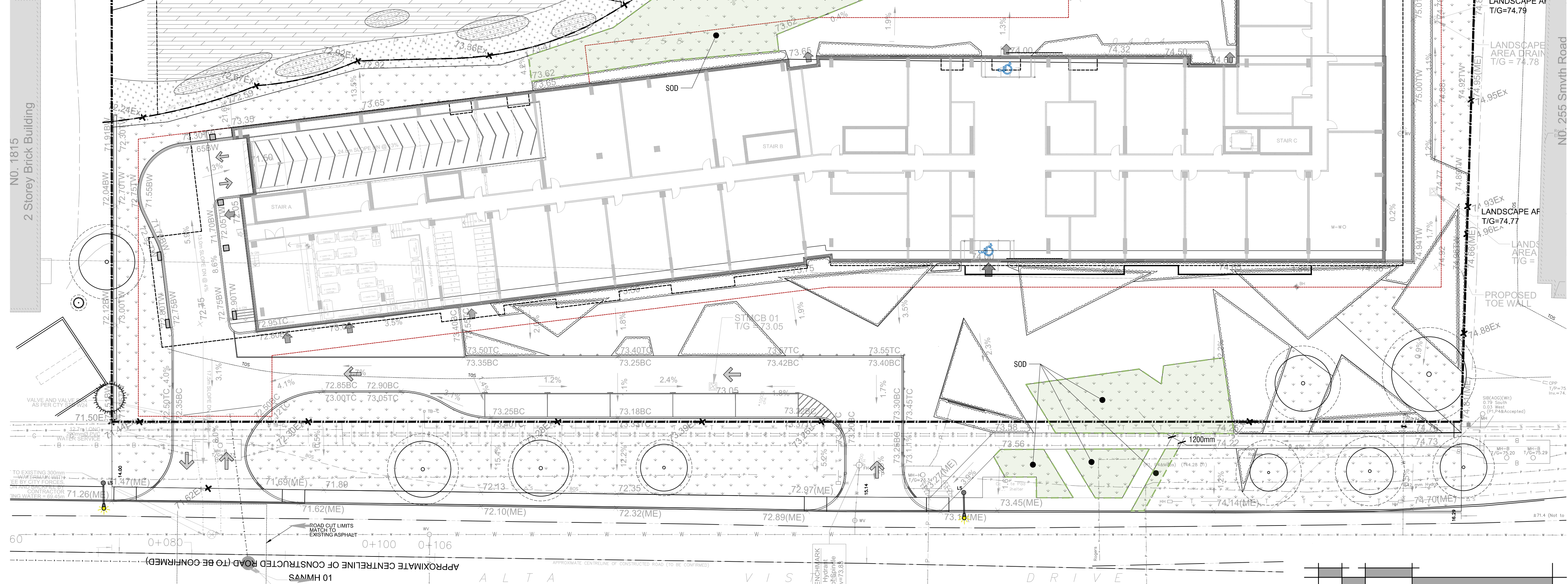
L1

SEED MIX 1: "LOW GROWING DRY PRAIRIE MEADOW" NATIVE SEED MIX	1267m ²
Poa palustris / Fowl Bluegrass	
Elymus canadensis / Canada Wild Rye	
Schizachyrium scoparium / Little Blue Stem	
Sporobolus cryptandrus / Sand Dropseed	

SEED MIX 2: "MEDIUM HEIGHT PRAIRIE GRASS" NATIVE SEED MIX	456m ²
Andropogon gerardii / Big Bluestem Sorghastrum nutans / Indiangrass Schizachyrium scoparium / Little Blue Stem Spartina pectinata / Prairie Cordgrass Panicum virgatum / Switchgrass	

SEED MIX 3: "COTTAGE COUNTRY" NATIVE WILDFLOWER SEED MIX	180m ²
Rudbeckia hirta / Black Eyed Susan	
Asclepias tuberosa / Butterfly Weed	
Aster umbellatus / Flat Topped Aster	
Penstemon digitalis / Foxglove/Beardtongue	
Poa palustris / Fowl Bluegrass	
Sorghastrum nutans / Indiangrass	
Schizachyrium scoparium / Little Bluestem	
Aster novae-angliae / New England Aster	
Monarda fistulosa / Wild Bergamot	

INDICATED AREAS OF SOD ARE TO RECEIVE 150mm DEPTH TOPSOIL AND SOD.



L2

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION / SPACING	NATIVE
CONIFEROUS TREES					
LAR	7	Larix laricina	Tamarack	200cm ht. / W.B.	
PRU	2	Picea pungens	Colorado Spruce	175cm ht. / W.B.	Native
TOT	1	Thuja occidentalis	American Arborvitae	175cm ht. / W.B.	Native
DECIDUOUS TREES					
AGL	2	Acer ginnala	Amur Maple	50mm cal. / W.B.	
ARU	5	Acer rubrum	Red Maple	70mm cal. / W.B.	Native
AXF	5	Acer x freemanii 'Jeffersred'	Autumn Blaze® Freeman Maple	60mm cal. / W.B.	
AGL	4	Aesculus glabra	Ohio Buckeye	70mm cal. / W.B.	Native
ACA	5	Amandorcher canadensis	Canadian Serviceberry Multi-trunk	50mm cal. / W.B.	Native
CSP	3	Calagala speciosa	Northern Catalpa	60mm cal. / W.B.	
CEO	3	Celtis occidentalis	Common Hackberry	70mm cal. / W.B.	Native
GTH	3	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey Locust	70mm cal. / W.B.	
PTR	9	Populus tremuloides	Quaking Aspen	60mm cal. / W.B.	Native
QPA	1	Quercus palustris	Pin Oak	60mm cal. / W.B.	Native
UAM	2	Ulmus americana 'Brandon'	Brandon American Elm	60mm cal. / W.B.	Native cultivar
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION / SPACING	
SHRUBS					
AUR	54	Arctostaphylos uva-ursi	Kinnikinnick	#1 Pot / Refer to plan for spacing	
Bse	16	Buxus sempervirens	Common Boxwood	#3 Pot / Refer to plan for spacing	
Hsa	72	Hydrangea arborescens 'SMNHL'	Invincible Sublime™ Hydrangea	#3 Pot / Refer to plan for spacing	
Pop	17	Physocarpus opulifolius	Ninebark	#3 Pot / Refer to plan for spacing	
Tcn	19	Taxus cuspidata 'Nana'	Dwarf Japanese Yew	#3 Pot / Refer to plan for spacing	
Txm	54	Taxus x media 'Hicksii'	Hicks Anglo-Japanese Yew	#3 Pot / Refer to plan for spacing	
PERENNIALS & GRASSES					
bgr	60	Bouteloua gracilis	Blue Grass Grass	#1 Pot / Refer to plan for spacing	
oca	10	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#2 Pot / Refer to plan for spacing	
cpg	55	Carex appalachica	Appalachian Sedge	#1 Pot / Refer to plan for spacing	
GROUND COVERS					
adi	245	Antennaria dioica	Pussytoes	plugs	

ENTRHY PLANTING

- Alchemilla millidolia* 'Strawberry Seduction' / Strawberry Seduction Common Yarrow
- Alchemilla mollis* / Lady's Mantle
- Eupatorium purpureum* / Joe Pye Weed
- Helianthus x Sahiri's Early Flowerer* / Sahiri's Early Flowerer Sneezeweed
- Phlox paniculata* 'Tiny Wine' / Tiny Wine Ninebark
- Sakaya yungii* 'Blue Saint' / Blue Spice Russian Sage
- Sedum x 'Purple Emperor'* / Purple Emperor Stonecrop
- Spiraea japonica* 'Goldflame' / Goldflame Japanese Spirea
- Veronica spicata* 'Royal Candies' / Spike Speedwell 'Royal Candies'

GEOMETRIC LANDFORMS

- Anemonea thalictroides* / Rue Anemone
- Arabis caucasica* Little Treasure White' / Little Treasure™ White Rockcress
- Arabis caucasica* 'Rossa La Frachera' / Rossa La Frachera Rockcress
- Armeria maritima* 'Alba' / White Sea Thrift
- Armeria maritima* 'Dusseldorf Pride' / Dusseldorf Pride Sea Thrift
- Carex laxiculmis* 'Hobbs' / Bunny Black Spreading Sedge
- Carex nigra* / Black Sedge
- Carex rosea* / Rosy Sedge
- Sedum album* 'Murder' / Chubby Fingers Stonecrop
- Sedum album* 'Orange Peel' / Orange Ice Stonecrop
- Sedum hispanicum* 'Blue Carpet' / Blue Carpet Stonecrop
- Sedum x 'Firecracker'* / Sursparker® Firecracker Stonecrop
- Sedum x 'Plum Dazzler'* / Sursparker® Plum Dazzled Sedum

SHADE TOLERANT PERENNIALS

- Adiantum venustum* / Himalayan Maidenhair Fern
- Brunnera macrophylla* / Siberian Bugloss
- Heuchera x 'Black Pearl'* / Primo® Black Pearl Coral Bells
- Tierula cordifolia* / Foamflower

SUN/PART SUN PERENNIALS

- Alchemilla mollis* / Lady's Mantle
- Armeria maritima* 'Alba' / White Sea Thrift
- Carex morrowii* 'Everglow' / EverColor® Everglow Japanese Sedge
- Heuchera x 'Fire Angel'* / Fire Angel Coral Bells

16.05 m²

33.7 m²

33 m²

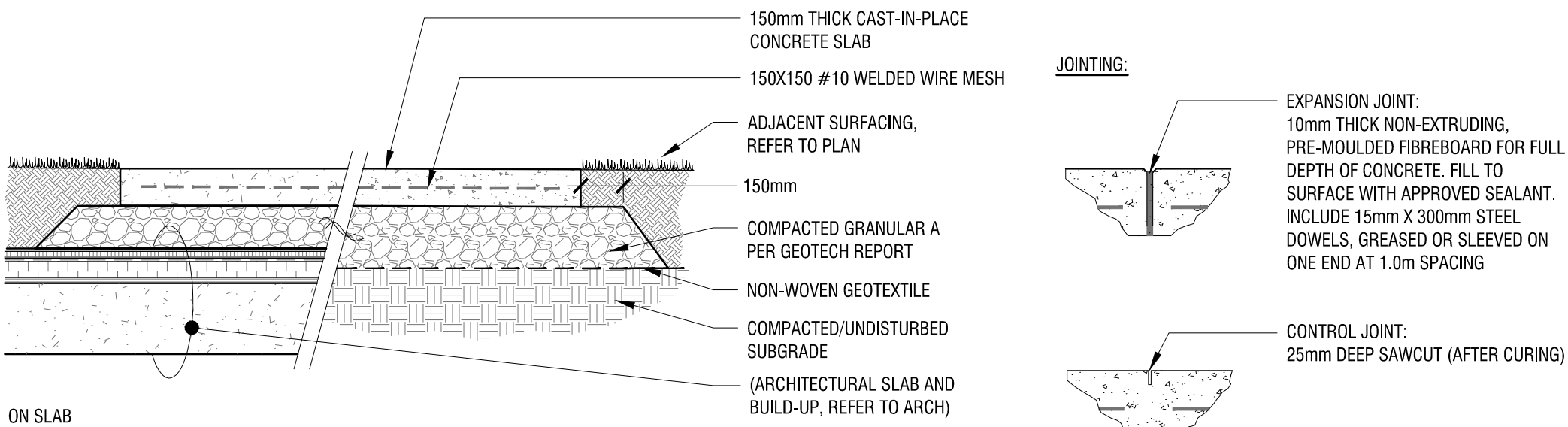
101.8 m²

MAINTAIN A MINIMUM DISTANCE OF 10.0 FROM BUS SHELTERS



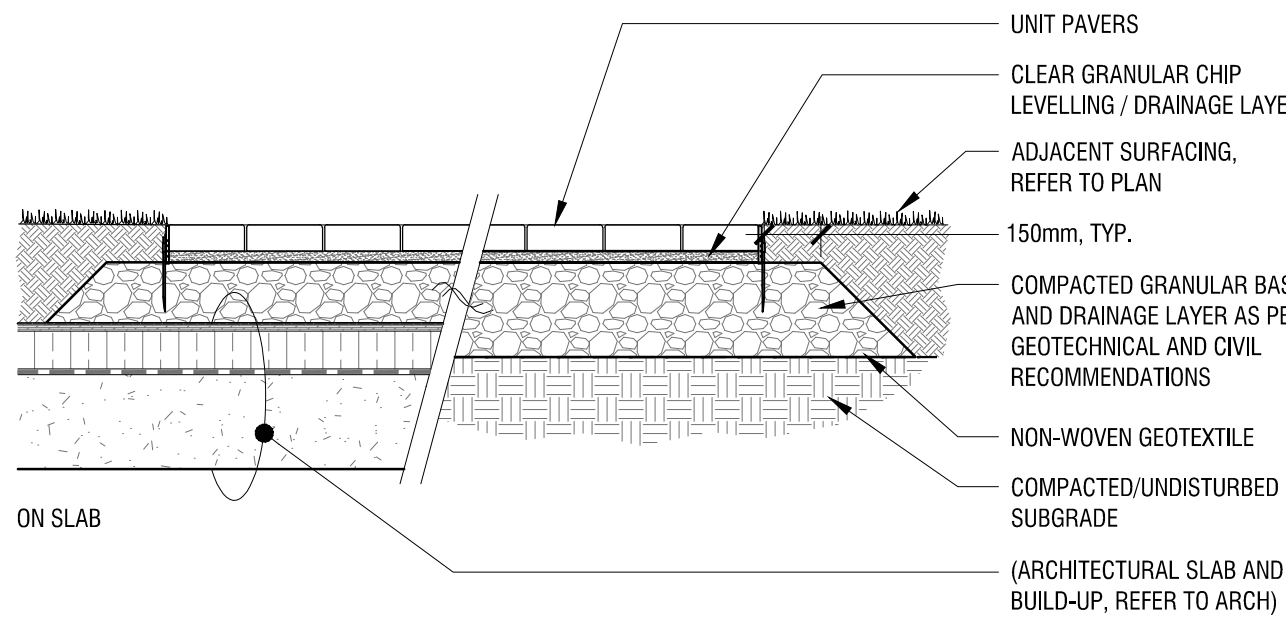
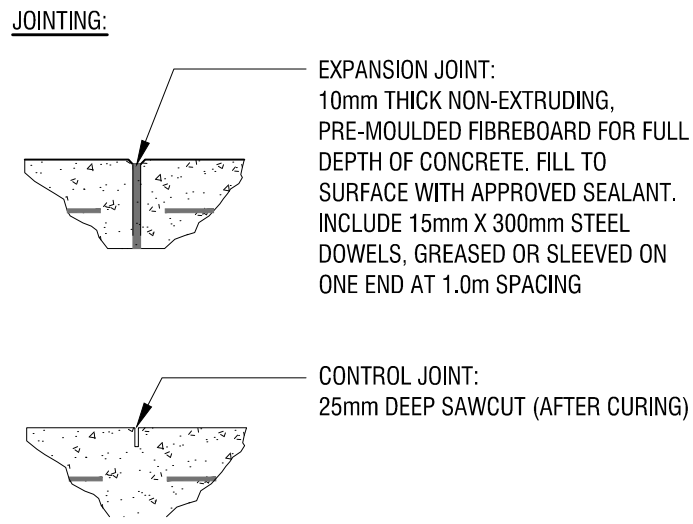
L3

PLOT INFORMATION: DWG NAME: P:\PROJECTS\TC\1867 Alta Vista\AUT Drawings\1867 Alta Vista\SS-SHEET-Details.dwg PLOT DATE: 2026-07-02 12:14:23 PM SHEET SIZE: ISO (A1) (841.00 MM) PLOTTED BY: Barbara Mitchell LAST SAVED BY: jmhcll#8



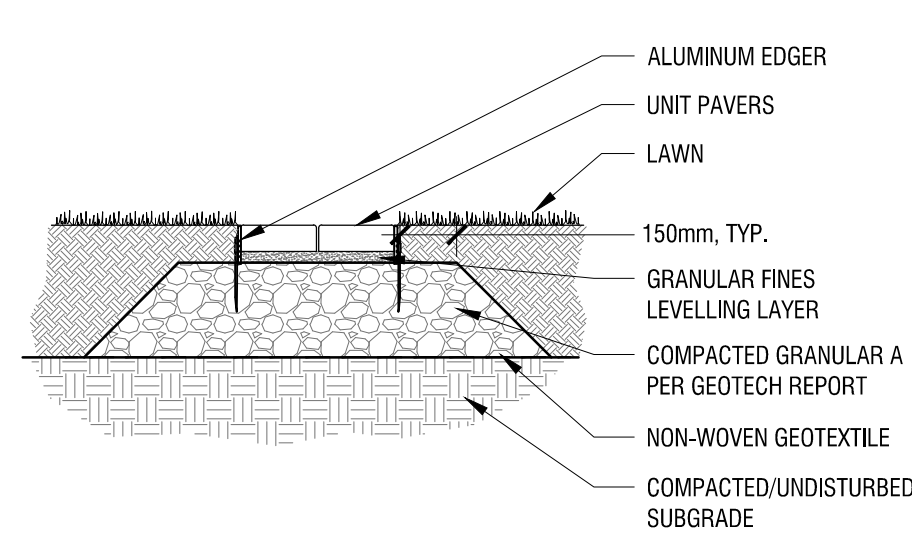
NOTES:

1. CONCRETE TO BE 32MPa WITH 5-7% AIR ENTRAINMENT AND LIGHT BROOM FINISH;
2. EXPANSION JOINTS: 13mm THICK BITUMINOUS FIBRE BOARD WITH 300mm, 10m DOWELS @ 600mm O.C., GREASED OR SLEEVED ON ONE END;
3. SAW-CUT JOINTS: TO 10mm DEPTH;
4. SEE PLAN FOR JOINTING LAYOUT. LAYOUT TO BE REVIEWED AND CONFIRMED BY LANDSCAPE ARCHITECT PRIOR TO CONCRETE POUR;
5. CONCRETE MIX AND INSTALLATION, AS PER SPECIFICATIONS;
6. CONCRETE FINISH PER SPECIFICATIONS;
7. COORDINATE INSTALLATION OF DRAINAGE, MECHANICAL, ELECTRICAL SCOPE AND COMPONENTS AS REQUIRED.



NOTES:

1. UNIT PAVERS, REFER TO SPECIFICATIONS;
2. JOINTING, REFER TO SPECIFICATIONS;
3. REFER TO LANDSCAPE PLAN FOR EXTENT AND TYPE OF UNIT PAVERS. LAYOUT TO BE REVIEWED AND CONFIRMED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION;
4. COORDINATE INSTALLATION OF DRAINAGE, MECHANICAL, ELECTRICAL SCOPE AND COMPONENTS AS REQUIRED.



NOTES:

1. UNIT PAVERS, REFER TO SPECIFICATIONS;
2. JOINTING, REFER TO SPECIFICATIONS;
3. ALUMINUM EDGERS, INSTALL AS PER MANUFACTURER INSTRUCTIONS ALONG ALL PAVEMENT EDGES ADJACENT TO LAWN;
4. REFER TO LANDSCAPE PLAN FOR EXTENT AND TYPE OF UNIT PAVERS. LAYOUT TO BE REVIEWED AND CONFIRMED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION;
5. COORDINATE INSTALLATION OF DRAINAGE, MECHANICAL, ELECTRICAL SCOPE AND COMPONENTS AS REQUIRED.

1 CAST-IN-PLACE CONCRETE ON SLAB / GRADE

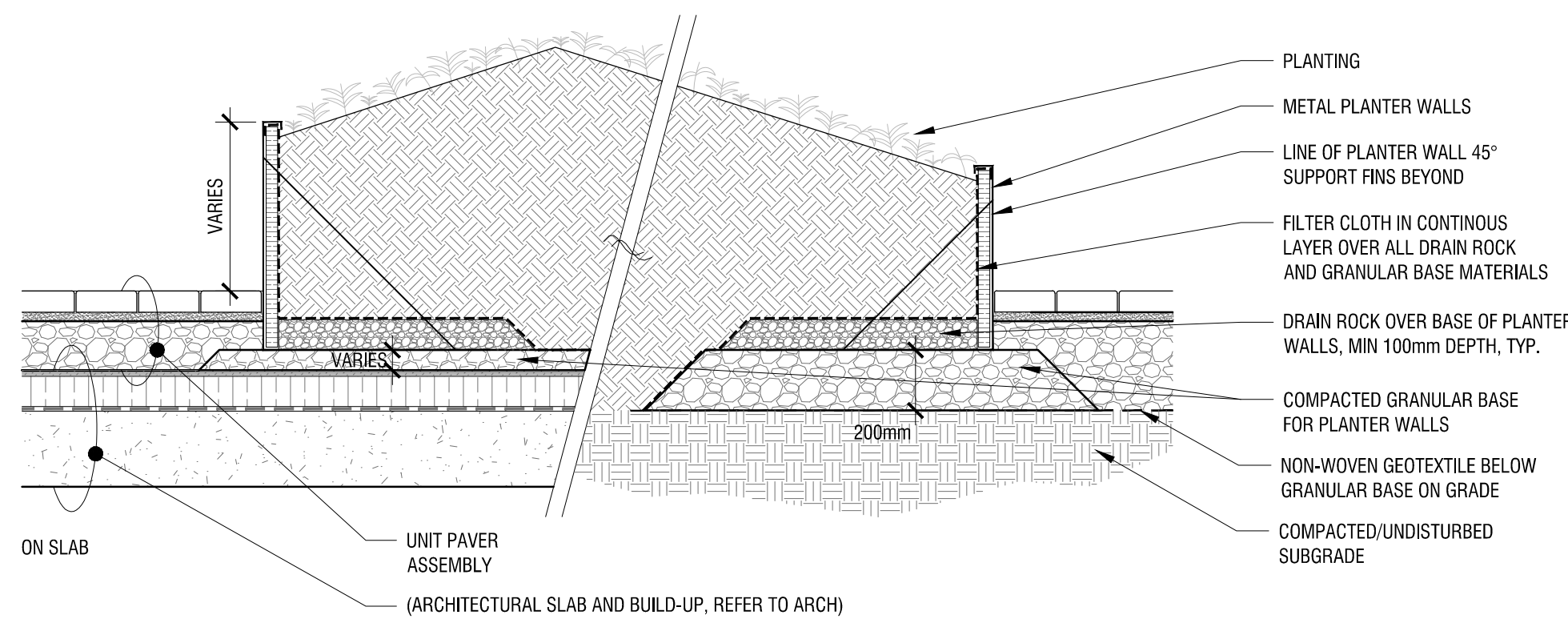
L4 n.t.s.

2 PERMEABLE UNIT PAVERS ON SLAB / GRADE

L4 n.t.s.

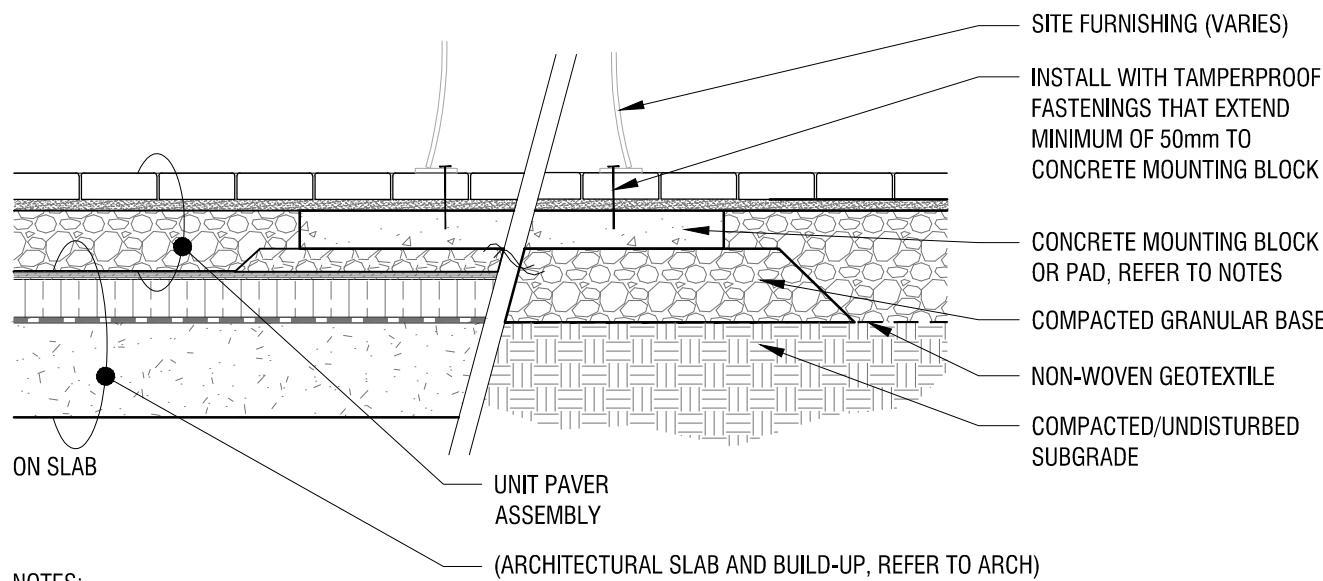
3 UNIT PAVERS IN LAWN

L4 n.t.s.



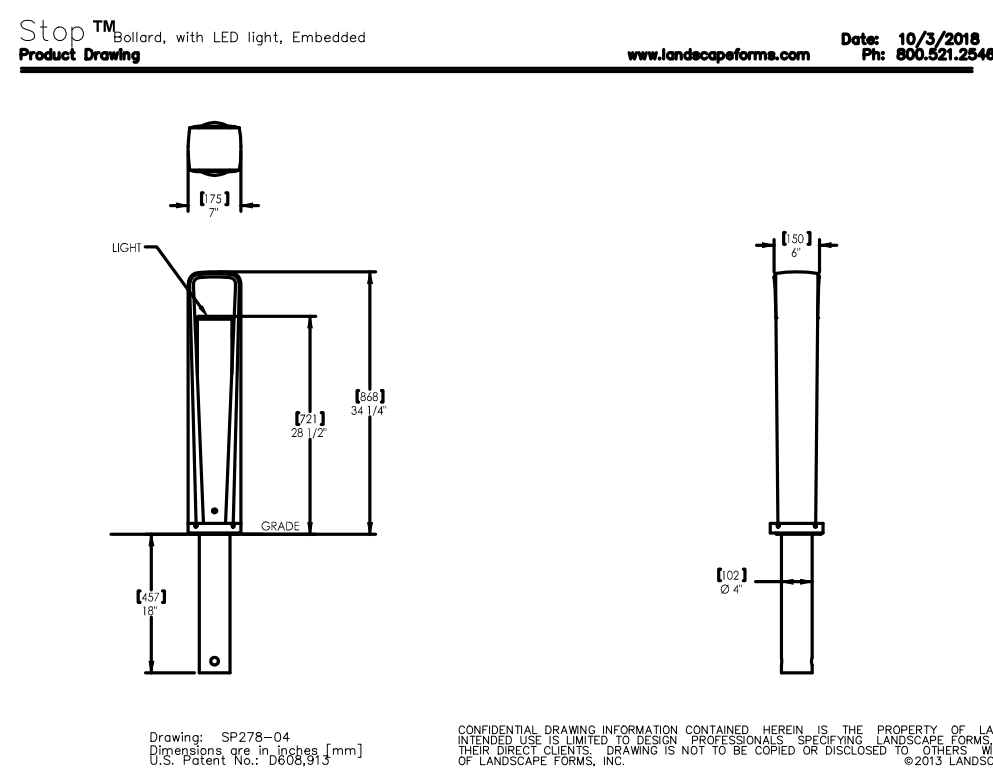
NOTES:

1. PLANTER WALLS TO BE FREESTANDING. REFER TO LAYOUT FOR PLACEMENT;
2. ENSURE PLANTERS ARE INSTALLED LEVEL;
3. SUPPLY AND INSTALL 50mm RIGID INSULATION, DRAIN BOARD, AND FILTER CLOTH ON ALL SIDES OF PLANTERS;
4. PROVIDE 100mm DEPTH DRAIN ROCK BELOW PLANTING MEDIUM OVER THE BASE OF THE PLANTER WALLS;
5. REFER TO SPECIFICATIONS FOR ADDITIONAL PLANTER PRODUCT INFORMATION.



NOTES:

1. CONCRETE MOUNTING BLOCK OR PAD MAY BE CAST-IN-PLACE OR PRE-CAST CONCRETE PRODUCT. PAD MUST BE A MINIMUM OF 100mm THICK AND EXTEND A MINIMUM OF 150mm BEYOND THE FOOTPRINT OF THE SITE FURNISHING OR AS DIRECTED BY THE SITE FURNISHING MANUFACTURER;
2. REFER TO LANDSCAPE PLAN FOR LOCATIONS OF SITE FURNISHINGS AND COORDINATE CONCRETE MOUNTING PAD LOCATIONS ACCORDINGLY;
3. COORDINATE INSTALLATION OF DRAINAGE, MECHANICAL, ELECTRICAL SCOPE AND COMPONENTS AS REQUIRED.



4 LANDSCAPE PLANTER WALLS

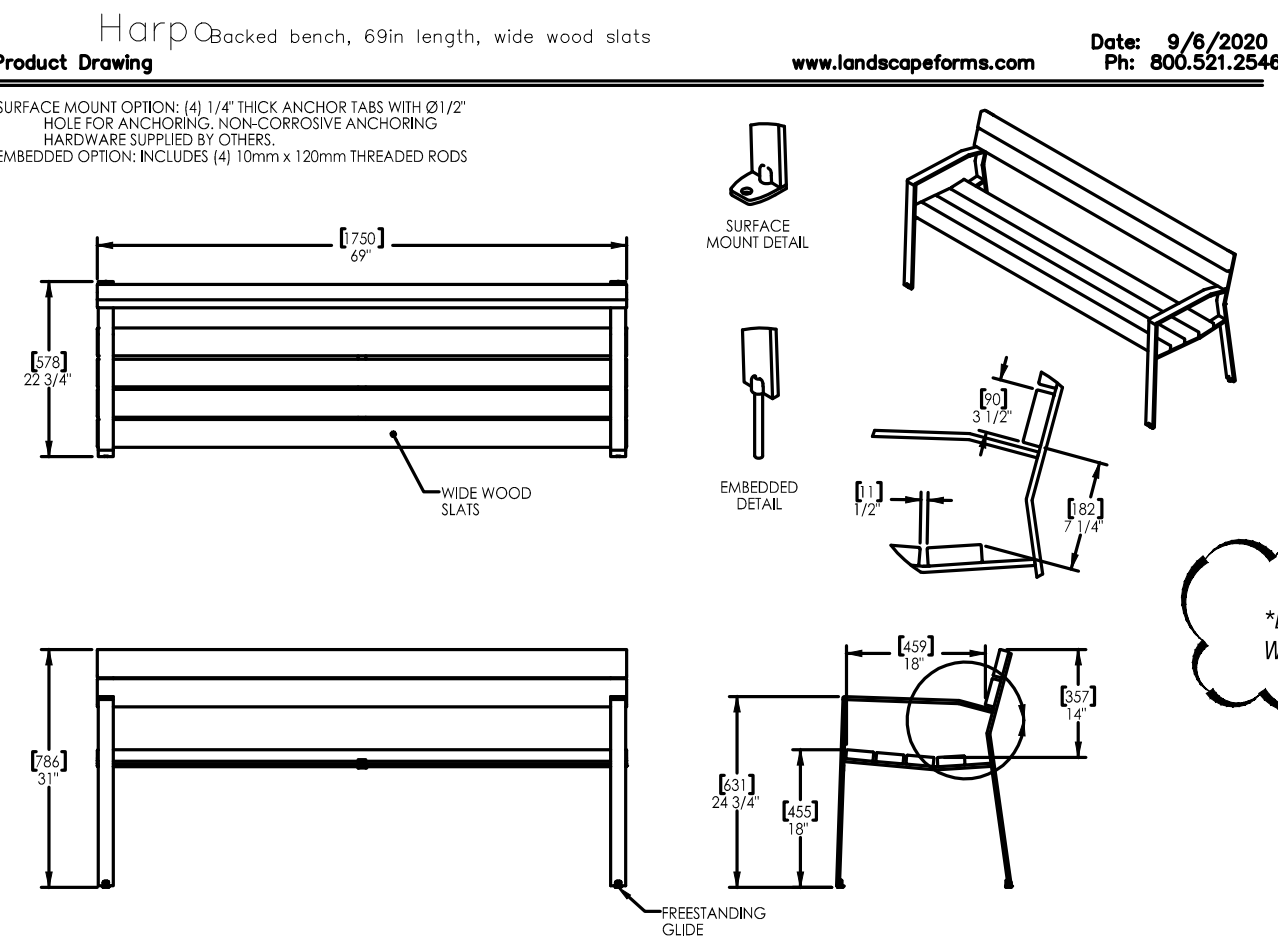
L4 n.t.s.

5 MOUNTING FOR FURNISHINGS ON UNIT PAVERS

L4 n.t.s.

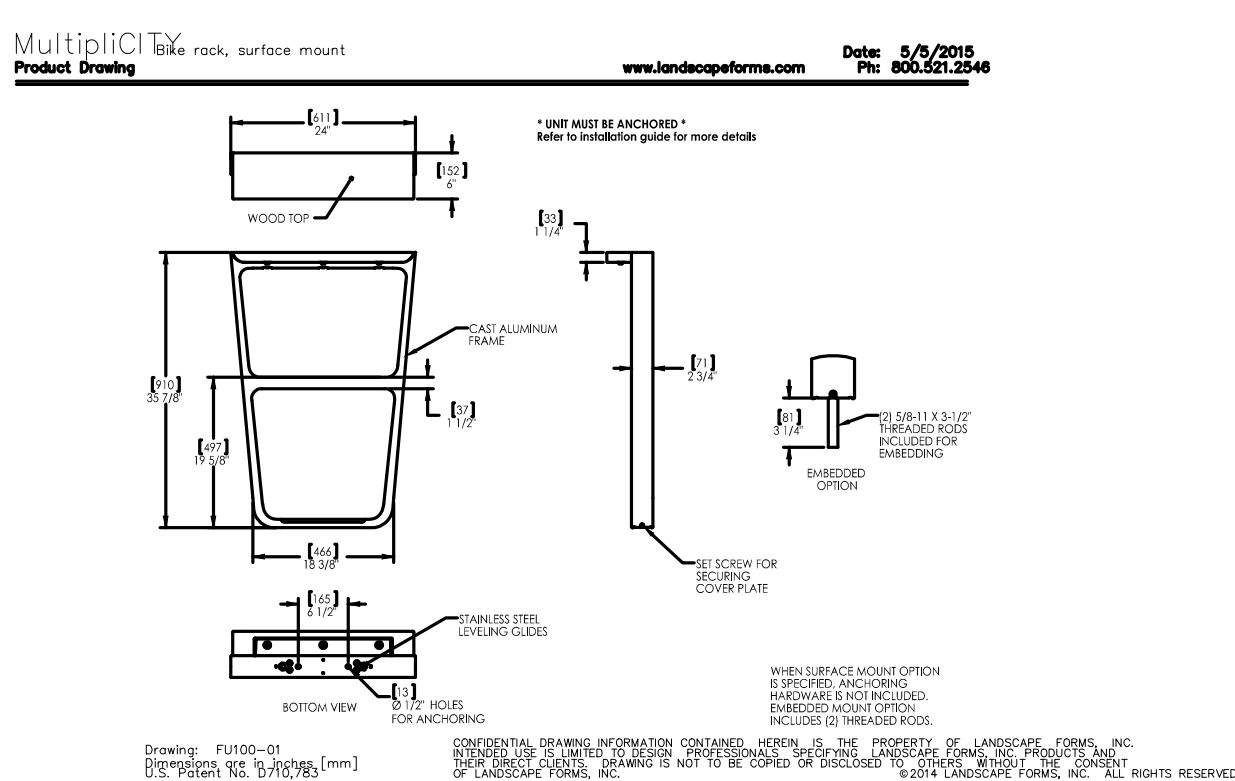
6 BOLLARD

L4 n.t.s.



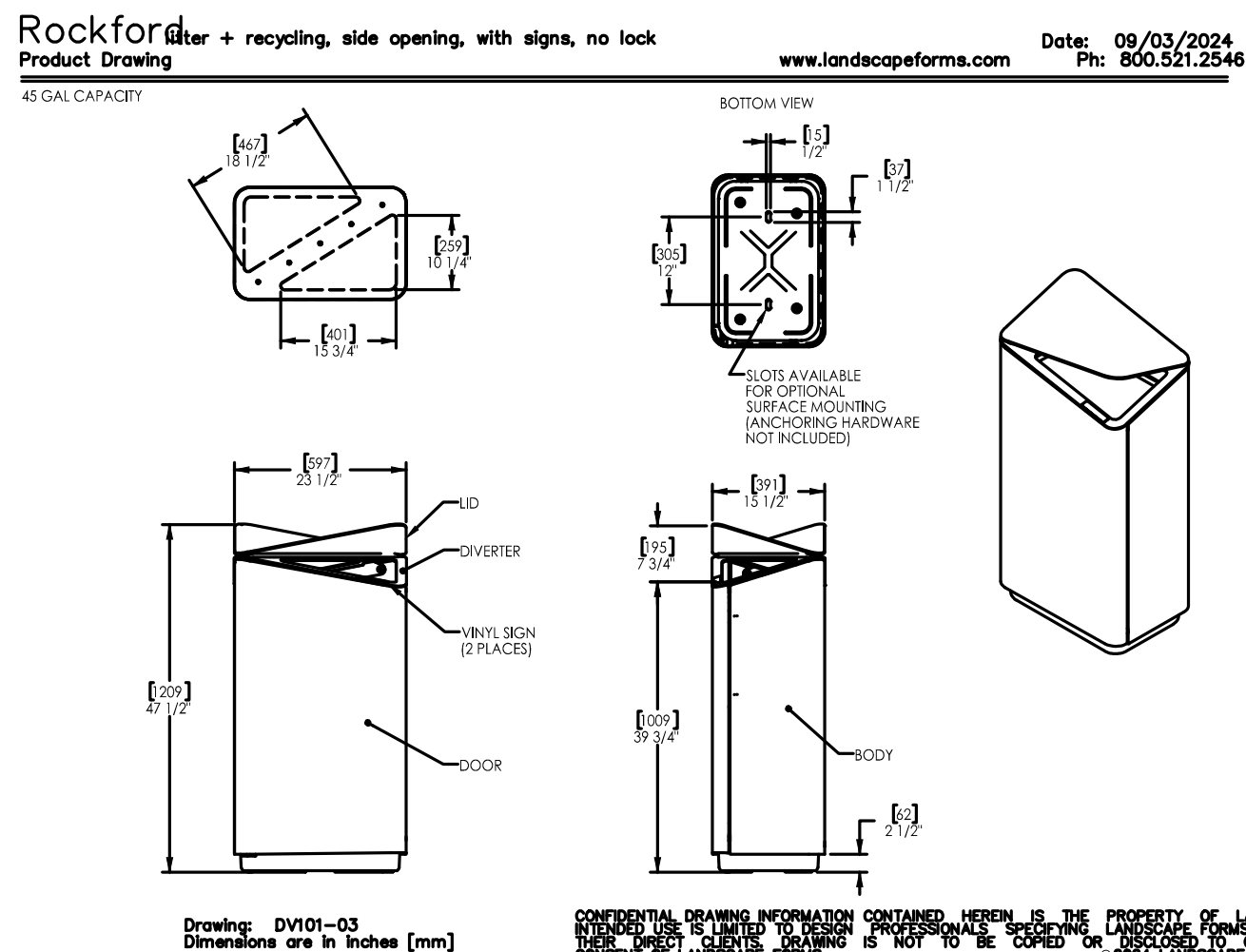
Drawing: AX204-01
Dimensions are in inches [mm]

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Drawing: BU100-01
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7 ACCESSIBLE BENCH

L4 n.t.s.

8 BIKE RACK

L4 n.t.s.

9 WASTE AND RECYCLING RECEPTACLES

L4 n.t.s.

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stamp / le cachet



project / projet

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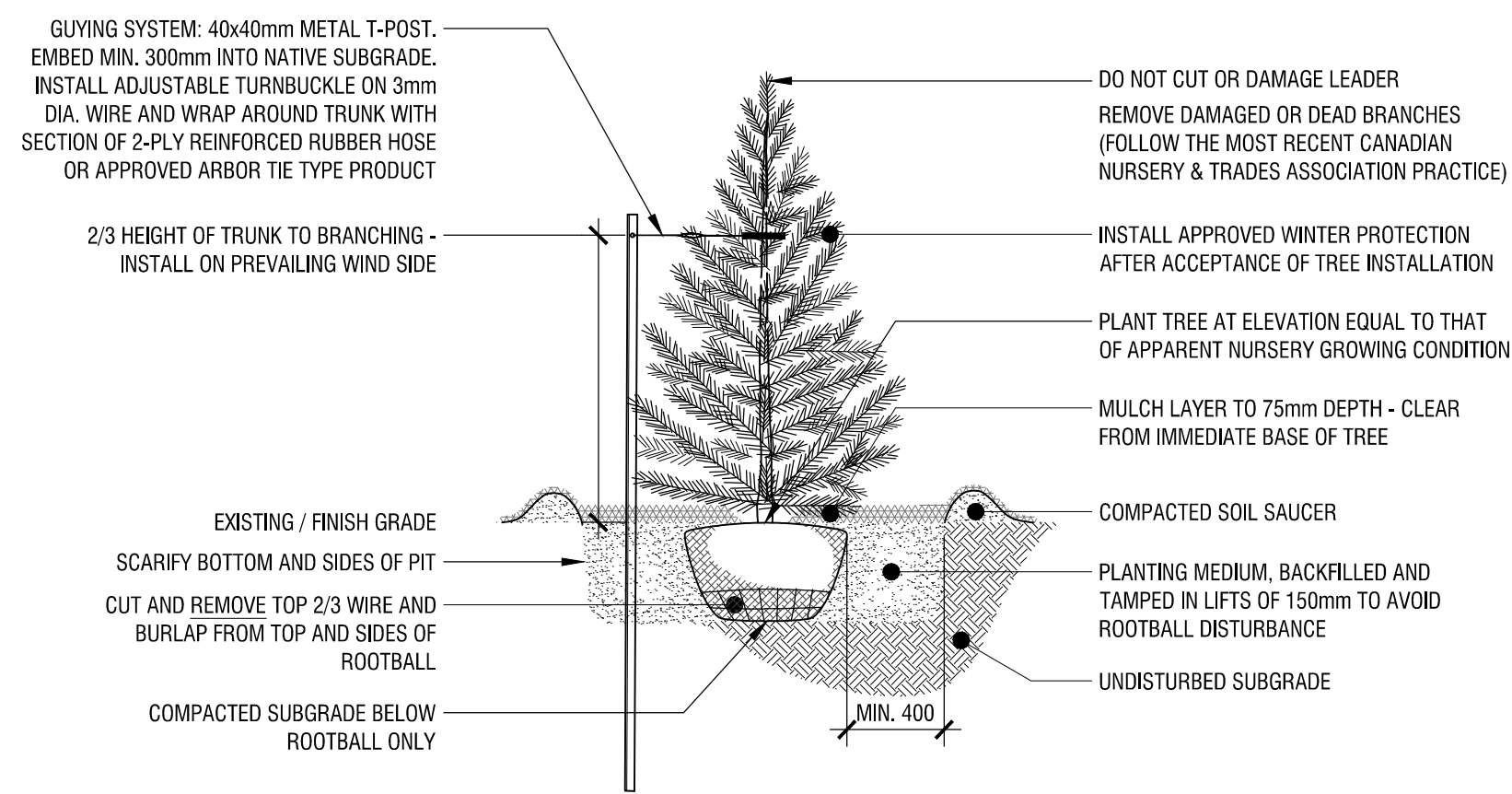
drawing / dessin

CONSTRUCTION DETAILS

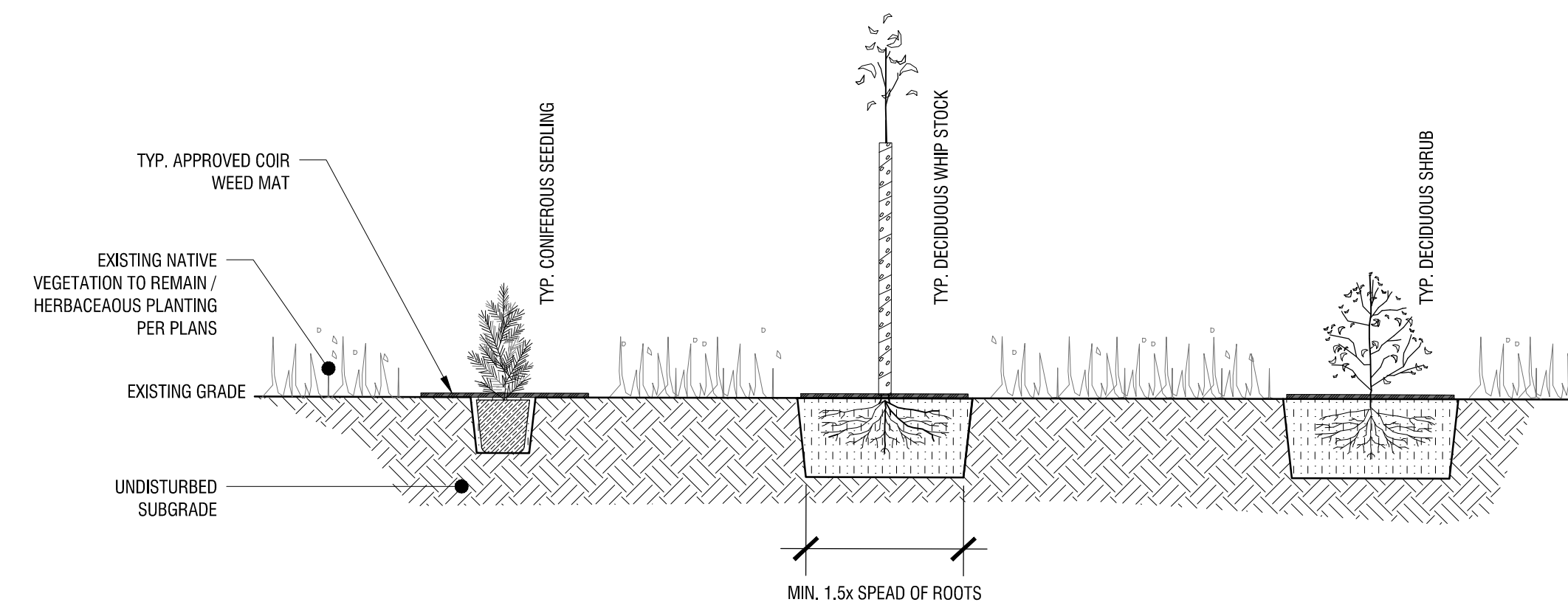
designed / conçu	drawn / dessiné	reviewed / examiné
BM/ DF	BM	DF
date	project number / No. du projet	
July 2025	25002	

drawing number / No. du dessin

L4



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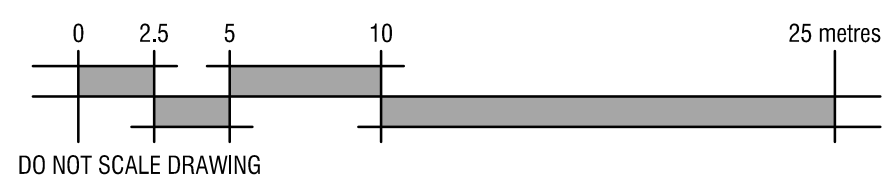
4	PERENNIAL AND GROUNDCOVER PLANTING DETAIL
L5	n.t.s.



CANOPY PROJECTIONS (NTS)	AVERAGE CROWN AREA PER TREE (m ²)	QTY OF TREES	TOTAL TREE CANOPY COVERAGES	SOIL VOLUME REQUIREMENT*	CONTINUOUS SPACE SOIL VOLUME (i.e. 2 TREES/1 GREENSPACE)
SMALL DECIDUOUS TREE (AVG. CANOPY DIAMETER = 4.5m)	16m ²	7	112m ²	20m ³	12m ³ /tree
MEDIUM DECIDUOUS TREE (AVG. CANOPY DIAMETER = 8.5m)	57m ²	20	1,140m ²	25m ³	15m ³ /tree
LARGE DECIDUOUS TREE (AVG. CANOPY DIAMETER = 16m)	201m ²	15	3,015m ²	30m ³	18m ³ /tree
MEDIUM CONIFEROUS TREE (AVG. CANOPY DIAMETER = 6.5m)	31m ²	10	310m ²	25m ³	15m ³ /tree

EXISTING RETAINED CANOPY COVER: 387m ²
PROPOSED CANOPY COVER: 4,577m ²
SITE SIZE: 12,140m ²
TOTAL CANOPY COVERAGE 40.9%

- CALCULATIONS HAVE BEEN MADE TO PROJECT A 40 YEAR HORIZON AND TYPICAL GROWTH RATES FOR ALL TREES
- PROJECTED CANOPY DIAMETERS AND AREAS ARE BASED ON AN AVERAGE OF THE TREES PROPOSED FOR THE SITE
- PROJECTED CANOPY AREAS FOR EXISTING TREES ARE BASED ON AVERAGE OF THE TREES PLANTED AS PART OF PREVIOUS PHASES
- OVERLAPPING CANOPIES AREAS FOR EXISTING TREES ARE ONLY COUNTED ONCE WHERE APPLICABLE
- CANOPY CALCULATION DOES NOT ACCOUNT FOR EXISTING TREE CANOPY ON ADJACENT SITES/IN ROW OVERLAPPING SITE
- "SOIL VOLUME REQUIREMENT IS BASED ON THE CITY OF OTTAWA's *Tree Planting in Sensitive Marine City Depths - 2017 Guidelines*" DRAFT Version 2.0 DATED JANUARY 11, 2019 WHICH CALCULATES SOIL VOLUME USING A DEPTH OF 1.5m, OR AS NOTED OTHERWISE WHERE THIS IS NOT ACHIEVABLE.



L6