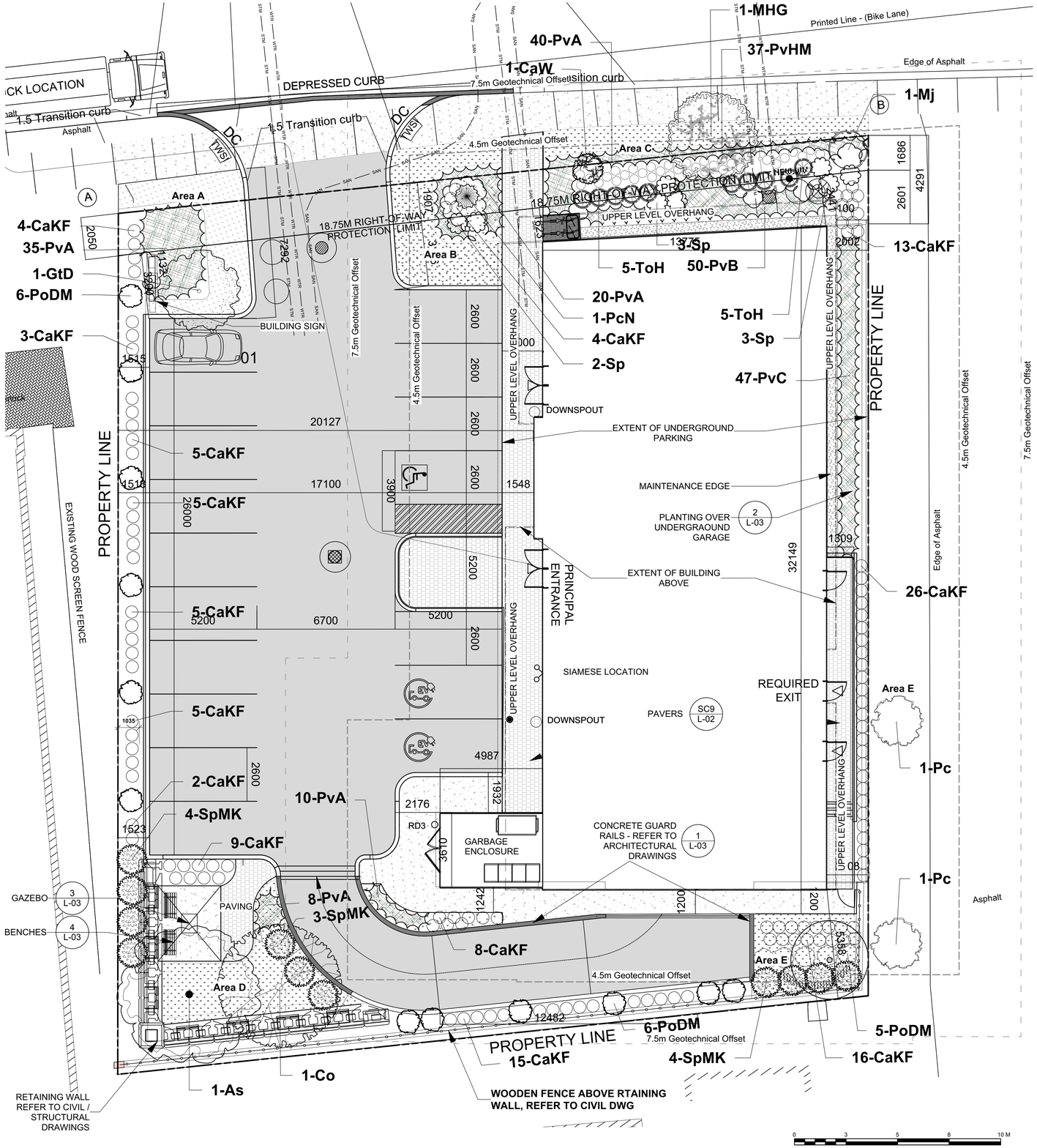

Legend

- Asphalt
- Concrete
- Pavers
- Sod
- Proposed trees
- Proposed shrubs
- Proposed perennials / Ornamental Grasses
- Accessible parking
- Electric vehicle plug-in parking
- Existing trees
- Critical Root Zone
- Tree protection fence
- 4.5m Geotechnical offset
- 7.5m Geotechnical offset

Plant List

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
		TREES			
As	1	Acer rubrum 'Autumn Spire'	Red Maple	100mm caliper	WB, Staked
Co	1	Celtis occidentalis	Common Hackberry	60mm caliper	WB, Staked
GtD	1	Gleditsia triacanthos inermis 'Draves'	Streetkeeper Honeylocust	70mm caliper	WB, Staked
Mj	1	Malus Evereste	Domestic Apple	50mm caliper	WB, Staked
MHG	1	Malus x `Harvest Gold`	Harvest Gold Crabapple	50mm caliper	WB, Staked
PcN	1	Pinus cembra 'Nana'	Dwarf Swiss Stone Pine	100 cm ht	WB, specimen
Pc	2	Pyrus calleryana	Callery Pear	70mm caliper	WB, Staked
		SHRUBS			
CaW	1	Caragana arborescens 'Walker'	Walker's Weeping Peashrub	125cm STEM	WB, specimen
PoDM	17	Physocarpus opulifolius 'Donna May'	Little Devil Ninebark	2 gallon pot	Potted
Sp	8	Spiraea prunifolia	Bridal Wreath Spirea	50 cm ht.	Bare root
SpMK	11	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	100cm ht.	3 gallon Pot
ToH	10	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100 cm ht.	Potted
		ORNAMENTAL GRASSES			
CaKF	120	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon pot	Potted
PvHM	37	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	1 gallon pot	Potted
		PERENNIALS			
PvA	122	Sun perennials (minimum 3 species mix)	Purple Coneflower, Shasta Daisy, Russian Sage		
PvB	41	Shade perennials (minimum 3 species mix)	Hostas, Ferns, Rodgersia		
PvC	47	Shade groundcovers (minimum 3 species mix)	Cranesbill, Spotted Dead Nettle, Woodland Stonecrop		

CONTRACTOR TO REPORT ANY DISCREPANCIES FOUND BETWEEN PLAN & PLANT LIST PRIOR TO PLANTING

3996 Innes				
Soil Volume Area, Tree Quantity and Size	**Tree Quantity**	**OTTAWA TARGET SOIL VOLUME (m3)**	**Design Soil Volume**	**SOIL ADEQUACY percentage**
AREA A - 1 medium shade tree				
plant bed (34.5 sq m x 0.7 avg metre deep)	1	25.0	24.2	96.60%
AREA B - 1 small columnar evergreen (10cm DBH)*				
plant bed (11 sq m x 0.6 avg metre deep)	1	6.0	6.6	110.00%
AREA C - 1 small shade tree, 1 small ornamental tree (15cm DBH)*, 1 small ornamental tree (8cm DBH)*				
plant bed (67 sq m x 0.4 avg metre deep)	3	21.1	26.8	127.01%
AREA D - 2 large shade trees				
plant bed (24 sq m x 1.2 avg metre deep)	2	36.0	28.8	80.00%
AREA E - 4 large shrubs*				
plant bed (14.8 sq m x 0.4 avg metre deep)	4	5.6	5.9	105.71%

* Small ornamental trees with growth to 8-15cm DBH using 'How much soil to grow a big tree' by DeepRoot as a guide. Small ornamental, upright evergreens used close to building in accordance with geotechnical report.

4.5 metre offset – allowance for low water requirement plants such as small ornamental plants such as horticultural cedars, junipers, grafted deciduous such as caragana, small crab apples under 4.5 metre height.

4.5 to 7.5 metre offset – allowance for low water requirement trees up to 7.5 metre mature height.

Beyond 7.5 metres – low water requirement trees 7.5 to 14 metre mature height.
Trees over 14 metre mature height to be planted mature height away from building.

ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL PERFORMANCE AS DETERMINED BY THE CITY OF OTTAWA.

NOTE
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY.
ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

DRAWING TO BE READ IN CONJUNCTION WITH TREE CONSERVATION REPORT. REFER TO TREE CONSERVATION REPORT PREPRARED BY _IFS_____ DATED _2021-11-18_ FOR TREE PROTECTION MEASURES AND DETAILS. MAP REVISED 2022-07-08

GENERAL NOTES

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.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of construction activities.

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north

seal

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project

3996 INNES RD,
OTTAWA ON

drawing title

LANDSCAPE PLAN

scale	drawn by	designed by
1:100	D.A / T. F	M. Ruhland
	checked by M. Ruhland	
project number 21-1647	drawing number **L - 01**	

Contractor to check and verify all dimensions on the job

City File No. D07-12-21-0209

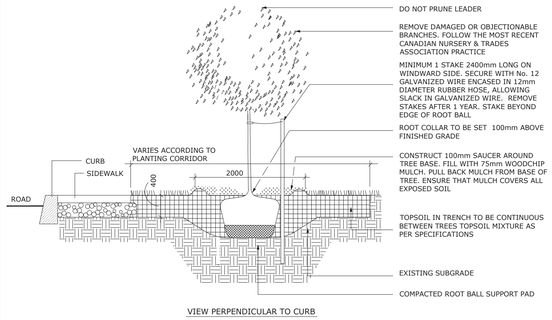
City Plan Number 18675

SOIL VOLUME NOTES TO GO WITH L1

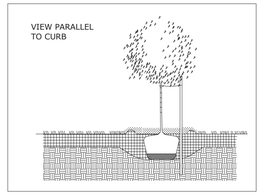
TREE SOIL VOLUME REQUIREMENTS:
- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.



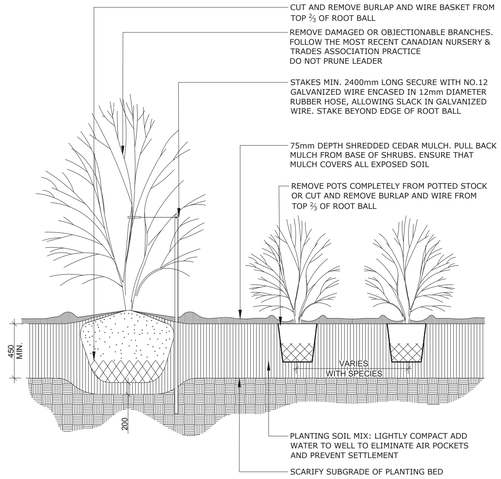
VIEW PERPENDICULAR TO CURB



NOTES:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

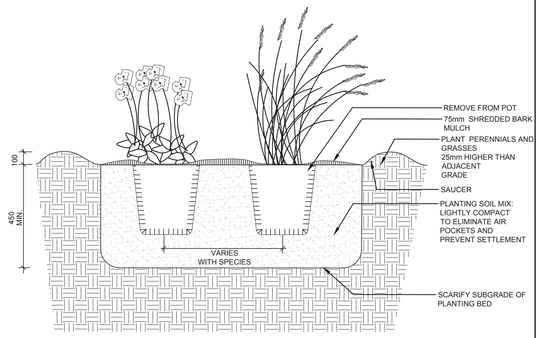
TITLE:	DATE: MAY 2001
PLANTING TRENCH WELL DRAINED SOILS	REV: JAN 2017
	DWG No: L1



NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

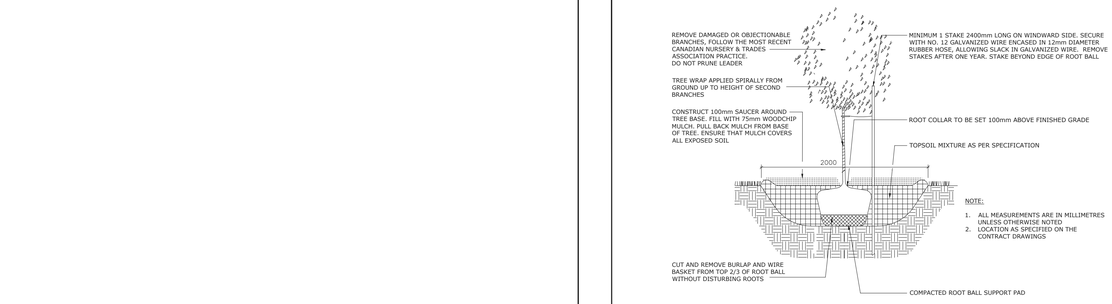
TITLE:	DATE: FEB 2013
CONTINUOUS SHRUB BED PLANTING	REV: FEB 2014
	DWG No: L17



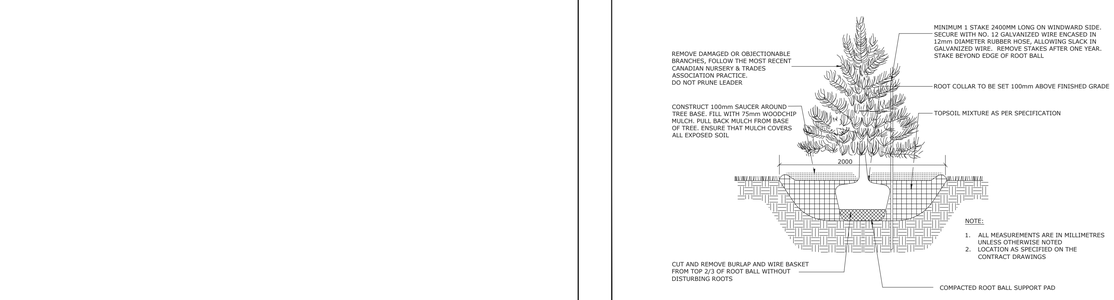
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

TITLE:	DATE: JAN 2015
PERENNIAL AND ORNAMENTAL GRASS PLANTING	REV:
	DWG No: L21

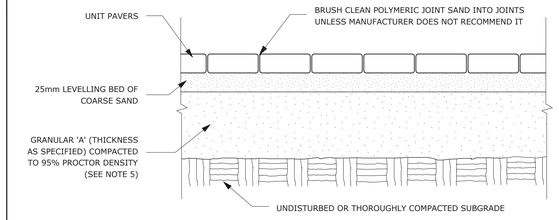


DECIDUOUS TREE PLANTING



CONIFEROUS TREE PLANTING

TITLE:	DATE: MAY 2001
PLANTING PIT, WELL DRAINED SOILS (ROAD ALLOWANCE)	REV: JAN 2017
	DWG No: L3



NOTES:

1. THE LEVELING COURSE (BEDDING SAND) SHALL BE PLACED LOOSE, IN A UNIFORM LAYER AT A MAXIMUM DEPTH OF 25mm TO ACHIEVE THE FINAL COMPACTED THICKNESS AND GRADE AS SPECIFIED
2. INSTALL SOLID EDGE RESTRAINT BETWEEN UNIT PAVERS AND ANY SOFT SURFACE (SOD, PLANTING BED, ETC.)
3. UNIT PAVERS ARE THEN PLACED ON TOP OF THE LEVELING COURSE AND ADDITIONAL SAND SWEPT BETWEEN THE UNIT PAVERS
4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN THE SETTLING OF THE JOINT SAND
5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS RECOMMENDED BY GEOTECHNICAL INVESTIGATION
6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

TITLE:	DATE: MAY 2001
UNIT PAVING - ON GRANULAR BASE	REV: FEB 2016
	DWG No: SC9

ADDITIONAL NOTES FOR SC9 NUMBER 5: PRECAST PAVERS IN PEDESTRIAN AREAS WHERE NORMAL SNOW REMOVALS ARE DONE IS TO RECEIVE A MINIMUM 200mm GRANULAR 'A'. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

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seal

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — MARIETTA RUHLAND — OALA MEMBER

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project

3996 INNES RD,
OTTAWA ON

drawing title

DETAILS

scale	drawn by D.A / T. F	designed by M. Ruhland
	checked by M. Ruhland	

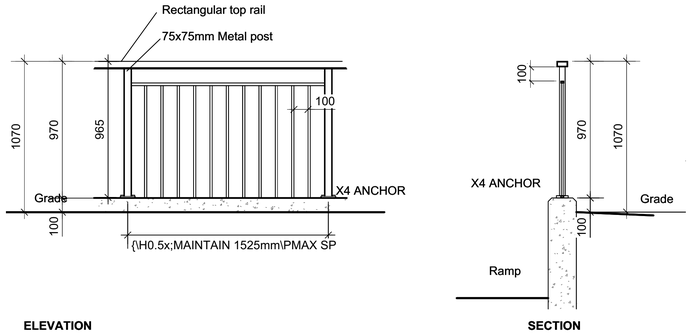
project number **21-1647**

drawing number **L - 02**

Contractor to check and verify all dimensions on the job

City File No. D07-12-21-0209

City Plan Number 18675



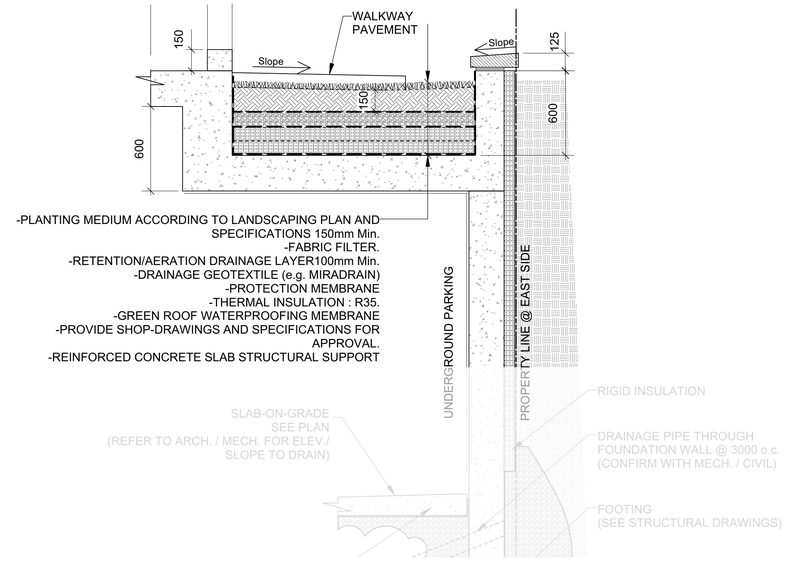
ELEVATION **SECTION**

1 / L-03 METALLIC GUARD RAIL
Scale: NTS
REFER TO SITE PLAN FOR LOCATIONS

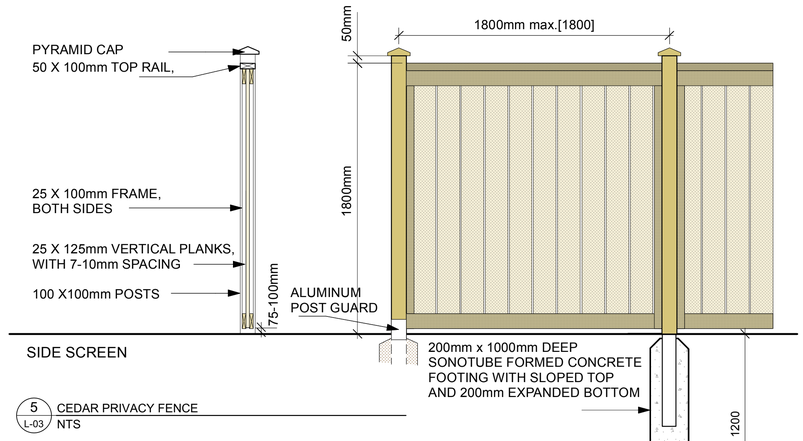
3 / L-03 SKYLINE OUTDOOR PATIO HARD-TOP GAZEBO
Canvas, w/ Bug Net, Black 10'x12'

™

4 / L-03 GLOBAL INDUSTRIAL 4' PARK BENCH
Tan, w/Backrest



2 / L-03 SECTION ALONG EAST PROPERTY LINE
Scale: NTS



5 / L-03 CEDAR PRIVACY FENCE
NTS

NOTES:
- ALL WOOD TO BE GRADE A EASTERN WHITE CEDAR.
- ALL FASTENERS TO BE ALUMINUM OR HOT DIPPED GALVANIZED.
- WOOD SCREWS TO BE EXTERIOR GRADE, COATED.
- WOOD FENCE TO BE LEFT NATURAL.
- PROVIDE MOCKUP SAMPLE.

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seal

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DETAILS

scale	drawn by	designed by
	D.A / T. F	M. Ruhland
	checked by	
	M. Ruhland	

project number
21-1647

drawing number
L - 03

Contractor to check and verify all dimensions on the job

City File No. D07-12-21-0209

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