

LANDSCAPE NOTES:

1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH BY-LAWS AND CODES HAVING JURISDICTION OVER SITE LOCATION.
2. COMPLETE ALL WORK TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
3. REPORT ANY CHANGES, DISCREPANCIES OR SUBSTITUTIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW, OBTAIN APPROVAL FROM THE LANDSCAPE ARCHITECT BEFORE PROCEEDING.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXISTING SERVICE LOCATIONS.
5. EXACT LOCATIONS OF PLANT MATERIAL WILL BE DETERMINED BY PLACEMENT OF SITE SERVICES SUCH AS HYDRO VAULTS, METERS, UTILITIES ROOF RAIN WATER LEADERS, DRIVEWAYS, LIGHT STANDARDS, ETC.
6. ALL PLANT MATERIAL LOCATIONS TO BE STAKED OR MARKED OUT AND APPROVED BY LANDSCAPE ARCHITECT BEFORE INSTALLATION.
7. SUPPLY ALL PLANT MATERIAL IN ACCORDANCE WITH THE CANADIAN STANDARDS FOR NURSERY STOCK (8th Ed.).
8. INSTALL PLANT MATERIAL ACCORDING TO DETAILS SHOWN.
9. DISTURBED SOIL AREAS AROUND TREES AND SHRUBS ARE TO BE COVERED WITH SHREDDED CONIFER BARK MULCH SUCH AS 'CANADA RED' OR 'GRO-BARK' SPM MULCH, OR APPROVED EQUIVALENT. ALTERNATIVE MULCHES MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
10. CONTRACTOR TO UTILIZE LAYOUT DIMENSIONS WHERE PROVIDED.
11. PROVIDE PLANTING BED AREA AS NOTED ON THE DRAWING OR TO ACCOMMODATE MATURE SIZE OF PLANT MATERIAL.
12. ALL SUPPORT SYSTEMS MUST BE REMOVED BY THE CONTRACTOR AT TIME OF FINAL ACCEPTANCE. NO EXCESS SHALL BE PAID TO COMPLETE THIS WORK.
13. SUPPLY AND PLACE TOPSOIL IN ACCORDANCE WITH OPSS 570 TO A MINIMUM DEPTH OF 150MM UNLESS OTHERWISE SPECIFIED.
14. SUPPLY AND PLACE SOD IN ACCORDANCE WITH OPSS 571 UNLESS OTHERWISE SPECIFIED.
15. SUPPLY AND PLACE SEED IN ACCORDANCE WITH OPSS 572 UNLESS OTHERWISE SPECIFIED. ALL 5:1 OR GREATER SLOPES TO BE SEED WITH TACKIFIER. CONTRACTOR TO PROVIDE NECESSARY EROSION CONTROL PROTECTION AS REQUIRED TO ENSURE SOIL STABILIZATION AND PROPER SEED GERMINATION.
16. ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.
17. IF DISCREPANCIES ARISE BETWEEN PLANT MATERIAL COUNT SHOWN ON DRAWING AND PLANT LIST, THE DRAWING SHALL BE CONSIDERED CORRECT.
18. CONTRACTOR TO PROVIDE MINIMUM TWO (2) YEAR WARRANTY FROM DATE ACCEPTED ON ALL WORK UNLESS OTHERWISE SPECIFIED.
19. ANY SITE PLAN OR GRADING AND SERVICING SHOWN IS FOR INFORMATION ONLY. REFER TO APPROVED DRAWINGS.
20. NOT FOR CONSTRUCTION UNLESS STAMPED, SIGNED AND DATED BY LANDSCAPE ARCHITECT.
21. DRAWINGS NOT TO BE REPRODUCED WITHOUT WRITTEN CONSENT FROM LANDSCAPE ARCHITECT.
22. APPROVAL OF LANDSCAPE PLAN TO BE OBTAINED FROM MUNICIPALITY.
23. FOR GRADING AND SERVICING INFORMATION REFER TO THE CONSULTING ENGINEER'S DRAWINGS.
24. FOR LIGHTING INFORMATION AND POWER DISTRIBUTION REFER TO THE ELECTRICAL CONSULTANT'S DRAWINGS.

PLANTING NOTES

1. THE CONTRACTOR MUST NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY PLANTING. THE CONTRACTOR SHALL SUPPLY ALL PLANTS AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THIS DRAWING. ANY DISCREPANCIES BETWEEN QUANTITIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.
2. ALL LANDSCAPE WORKS WILL BE WARRANTED FOR A PERIOD OF TWO YEARS FOLLOWING INSPECTION AND WRITTEN NOTICE OF START OF WARRANTY PERIOD AS DETERMINED BY THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL WHICH IS NOT IN A HEALTHY, VIGOROUS GROWING CONDITION AT THE END OF THE WARRANTY PERIOD. SHALL BE REPLACED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT / OWNER.
3. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO EXTEND CONTRACTOR'S WARRANTY RESPONSIBILITIES FOR AN ADDITIONAL YEAR IF, AT THE END OF INITIAL WARRANTY PERIOD, LEAF DEVELOPMENT AND GROWTH IS NOT SUFFICIENT TO ENSURE FUTURE SURVIVAL AS DETERMINED BY THE LANDSCAPE ARCHITECT.
4. THE CONTRACTOR IS TO IDENTIFY WITH LANDSCAPE ARCHITECT/OWNER ANY MAINTENANCE REQUIREMENTS NECESSARY FOR WARRANTY PURPOSES.
5. PLANT MATERIALS SPECIFIED FOR THIS PROJECT WILL CONFORM TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (C.N.L.A.) FOR SIZE, VARIETY AND CONDITION AS INDICATED ON THE PLANT SCHEDULE SHOWN ON THESE DRAWINGS. ANY PLANT MATERIALS WHICH DO NOT CONFORM WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
6. THE LANDSCAPE ARCHITECT IS TO BE CONTACTED FOR INSPECTION AND WRITTEN APPROVAL PRIOR TO PLANT MATERIAL ARRIVING ON SITE. THE LANDSCAPE ARCHITECT RESERVED THE RIGHT TO REJECT ANY PLANT MATERIALS THAT HAVE NOT BEEN INSPECTED AND APPROVED.
7. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS, INJURY OR DISEASE. ANY PLANT MATERIAL THAT IS REJECTED BY THE LANDSCAPE ARCHITECT WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL CHARGE TO THE PROJECT.
8. PLANT MATERIALS COLLECTED FROM WILD SOURCES WILL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REQUIRE THAT SUPPLIER INVOICES BE SUBMITTED FOR INSPECTION AND APPROVAL PRIOR TO ACCEPTANCE.
9. ON-SITE LAYOUT OF THE PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. FIELD ADJUSTMENTS TO PLANT MATERIAL LOCATIONS MAY BE NECESSARY TO RESPOND TO THE LOCATIONS OF EXISTING PLANTS AND SITE CONDITIONS. THE CONTRACTOR TO REVIEW WITH LANDSCAPE ARCHITECT WHERE RELOCATIONS ARE NECESSARY. THE CONTRACTOR MUST RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. PLANTS ARE NOT TO BE INSTALLED DURING EXTREME HEAT, DROUGHT, OR OTHER UNDESIRABLE CONDITIONS. THOROUGHLY WATER ALL PLANTS IMMEDIATELY AFTER INSTALLATION. THE CONTRACTOR SHALL REGULARLY MONITOR SITE CONDITIONS AND WATER AS REQUIRED TO ENSURE HEALTHY GROWTH CONDITIONS THROUGHOUT THE DURATION OF THE WARRANTY PERIOD.
11. DO NOT PLANT DIRECTLY IN CENTERLINE OF DRAINAGE SWALES OR DEPRESSION AREAS. WHERE PROPOSED PLANTING LOCATIONS COINCIDE WITH CONSTRUCTED SWALES OR LOW-LYING WET AREAS, CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.
12. ALL PLANTS ARE TO BE PLANTED IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN ON THIS DRAWING. ALL PLANTS ARE TO BE INSTALLED VERTICAL AND PLUMB, REGARDLESS OF GROUND SLOPE.
13. SUPPLY AND PLACE TOPSOIL IN ACCORDANCE WITH OPSS 802 TO A MINIMUM DEPTH OF 150MM IN SEED/SOD AREAS AND 600MM IN PLANTING BEDS UNLESS OTHERWISE SPECIFIED. EACH SOURCE OF TOPSOIL, IMPORTED OR NATIVE TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO ORDER OR DELIVERY TO SITE. TESTING TO BE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS. PREPARED TOPSOIL SHALL BE 4 PARTS TOPSOIL TO ONE PART WELL-ROTTED COMPOST.
14. MULCH: TO BE SPREAD UNIFORMLY AROUND THE BASE OF TREES AND SHRUBS TO A MINIMUM DEPTH OF 100 MM. DO NOT PLACE MULCH IN DIRECT CONTACT WITH TRUNK OR STEM(S). ALLOW A 100 MM MULCH FREE ZONE AT TRUNK/STEMS. SHRUBS TO BE IN CONTINUOUSLY MULCHED PLANTING BEDS UNLESS OTHERWISE SPECIFIED.
15. SUPPLY AND PLACE SEED IN ACCORDANCE WITH OPSS 804 UNLESS OTHERWISE SPECIFIED. ALL 5:1 OR GREATER SLOPES TO BE SEED WITH TACKIFIER. ALL SLOPES GREATER THAN 3:1 SHALL BE MATTED WITH AN EROSION CONTROL BLANKET. SUPPLY AND PLACE SOD IN ACCORDANCE WITH OPSS 803 UNLESS OTHERWISE SPECIFIED.
16. THE CONTRACTOR IS TO REMOVE DEAD OR DAMAGED BRANCHES ON TREES OR SHRUBS. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND APPROPRIATE TIMING FOR EACH SPECIES.
17. ALL STAKES AND ASSOCIATED TIES ARE TO BE REMOVED AFTER THE FIRST FULL GROWING SEASON. RODENT GUARDS ARE TO BE REMOVED AT THE CONCLUSION OF THE WARRANTY PERIOD. IF UTILIZED, GATORBAGS ARE TO BE REMOVED FOR WINTER MONTHS.

PLANTING SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	CALIPER (mm)	SIZE (cm)	CONDITION/ FORM	MIN. O.C. SPACING (m)
DECIDUOUS TREES							
AfA	3	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Freeman Maple	50		W.B.	10
At	3	<i>Acer tataricum</i>	Tartar Maple	50		W.B.	10
CbF	7	<i>Carpinus betulus</i> 'Frans Fontaine'	European Hornbeam	50		W.B.	10
Co	1	<i>Celtis occidentalis</i>	Hackberry	50		W.B.	10
QpG	5	<i>Quercus palustris</i> 'Green Pillar'	Green Pillar Oak	50		W.B.	10
TcC	2	<i>Tilia cordata</i> 'Corinthian'	Corinthian Littleleaf Linden	50		W.B.	10
TOTAL:	21						
SHRUBS							
BmP	109	<i>Buxus microphylla</i> 'Pincushion'	Pincushion Boxwood	50		3 Gal.	1
CoS	13	<i>Chamaecyparis obtusa</i> 'Spiralis'	Spiral Hinoki cypress	50		3 Gal.	1
HpF	49	<i>Hydrangea paniculata</i> 'Fire Light Tidbit'	Fire Light Tidbit Hydrangea	50		3 Gal.	1
Iv	9	<i>Ilex verticillata</i>	Winterberry	50		3 Gal.	1.25
JhB	57	<i>Juniperus horizontalis</i> 'Blue Chip'	Creeping Juniper	50		3 Gal.	0.75
JhP	59	<i>Juniperus horizontalis</i> 'Plumosa Compacta'	Compact Andorra Juniper	50		3 Gal.	0.75
Tc	32	<i>Taxus canadensis</i>	Canada Yew	50		3 Gal.	1
TOTAL:	328						

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ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR ZBA & SPA REVIEW	2022-10-21



LEGEND

	TOPSOIL AND SOD AS SPECIFIED MINIMUM 150mm TOPSOIL DEPTH
	CONCRETE PAVING
	UNIT PAVERS
	PROPOSED SOIL CELLS
	PROPOSED DECIDUOUS SHADE TREE
	PROPOSED DECIDUOUS MULTSTEM TREE
	PROPOSED DECIDUOUS ORNAMENTAL TREE
	PROPOSED SHRUBS
	PROPOSED ANNUALS
	PLANT SPECIES QUANTITY
	DETAIL NUMBER
	SHEET NUMBER

IBI GROUP
 Suite 101 - 410 Albert Street
 Waterloo ON N2L 3V3 Canada
 Tel: 519 585 2255
 ibigroup.com

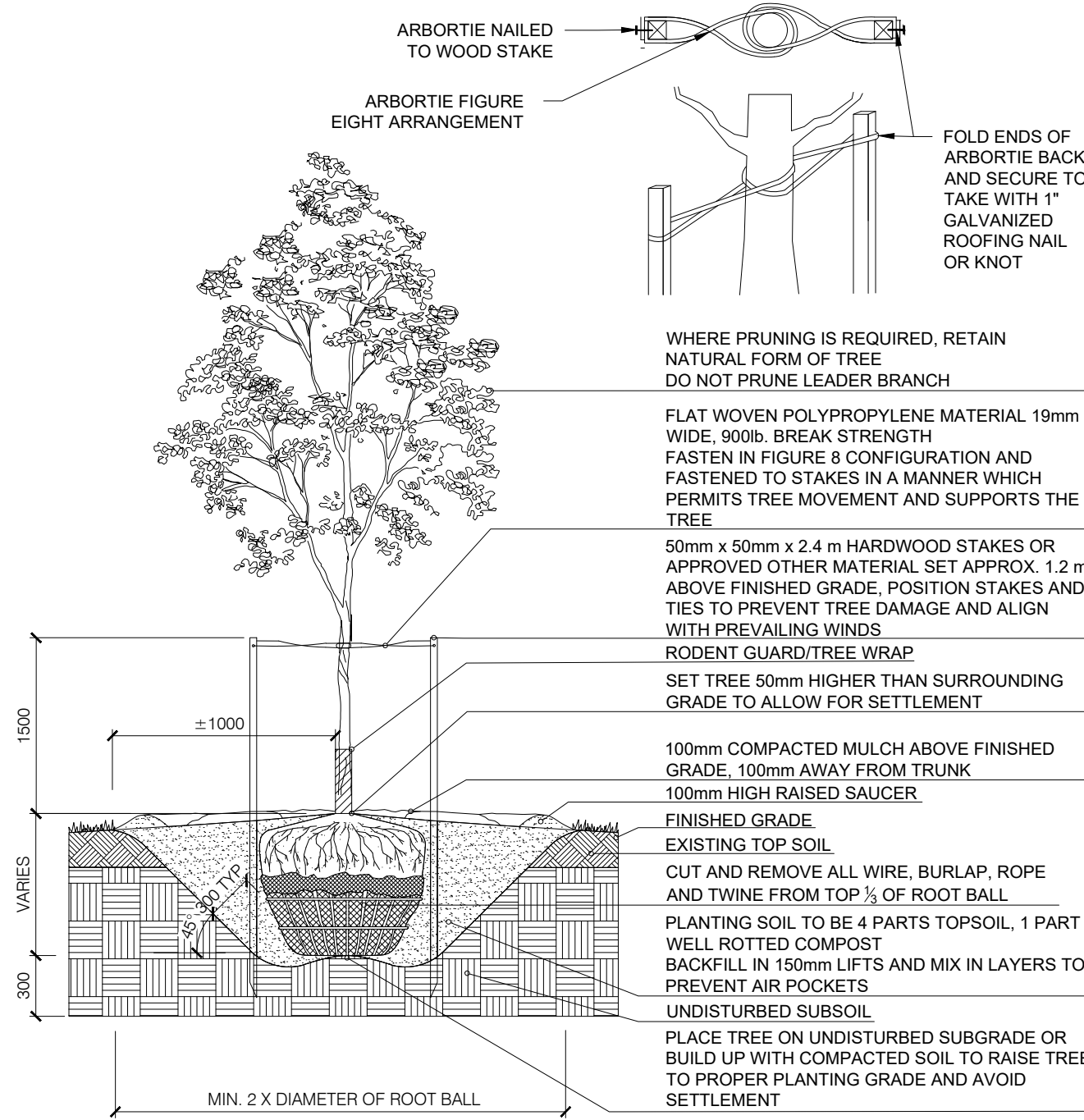
PROJECT
 424 CHURCHILL
 CITY OF OTTAWA

PROJECT NO: 139413	SCALE: 1:100
DRAWN BY: E.L.	CHECKED BY: M.P.
PROJECT MGR: T.M.	APPROVED BY: T.M.

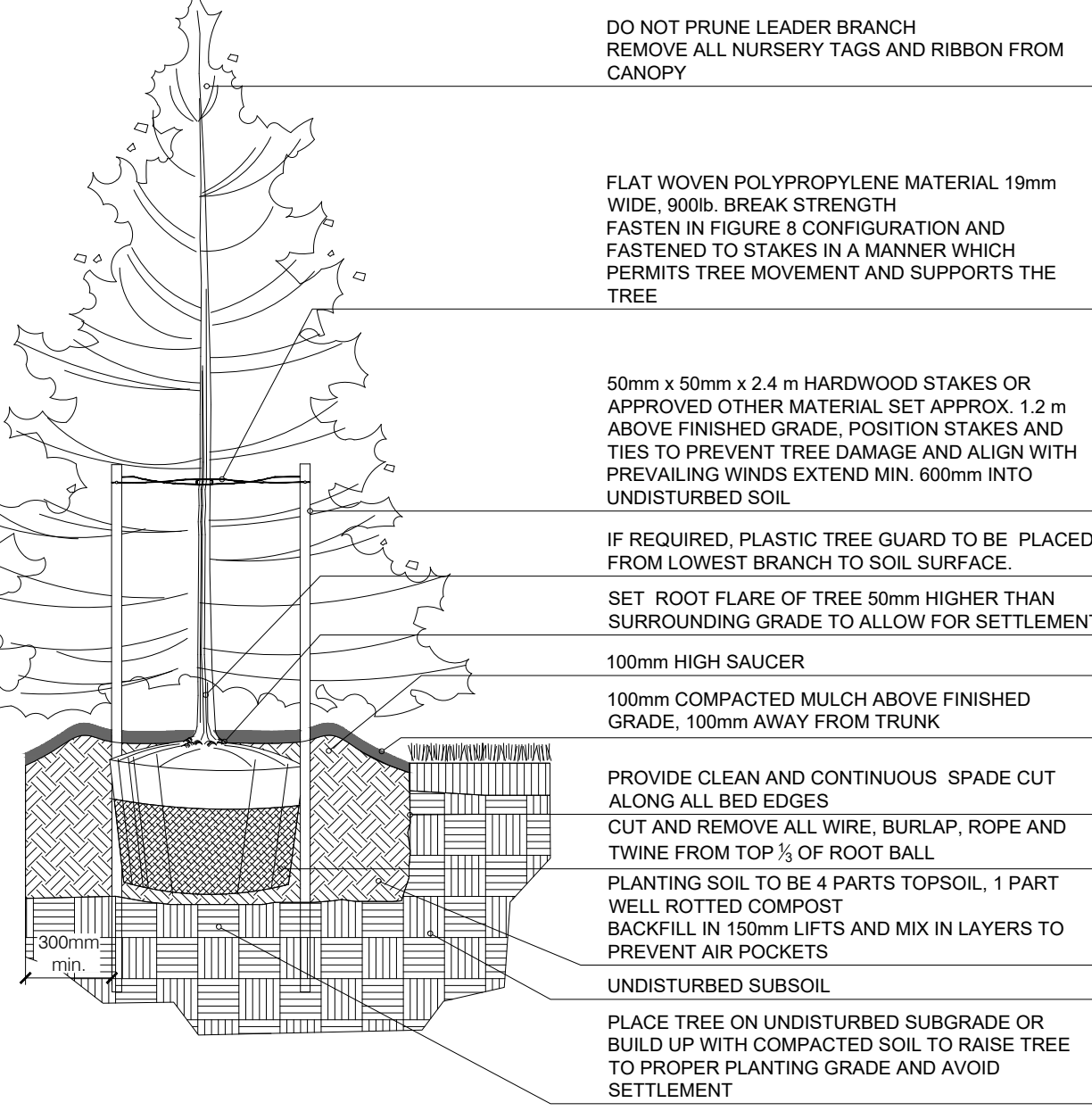
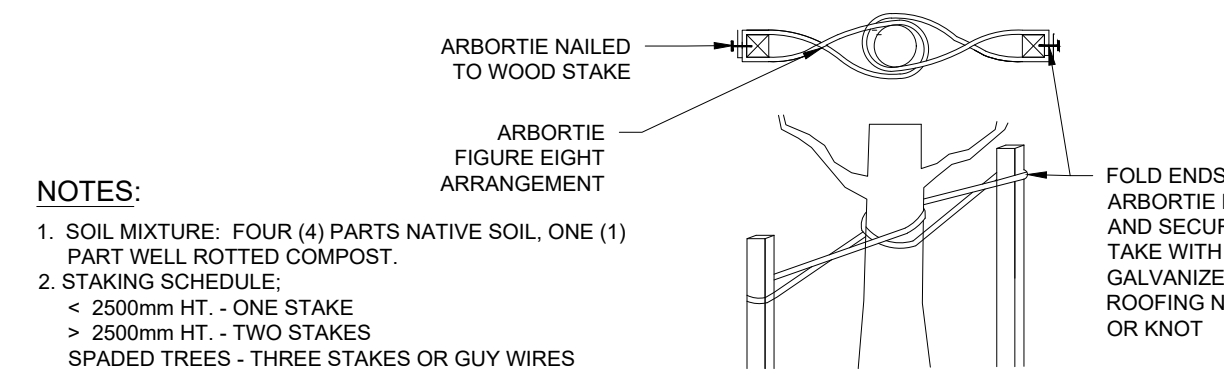
SHEET TITLE
 LANDSCAPE PLAN

SHEET NUMBER L-1	ISSUE 1
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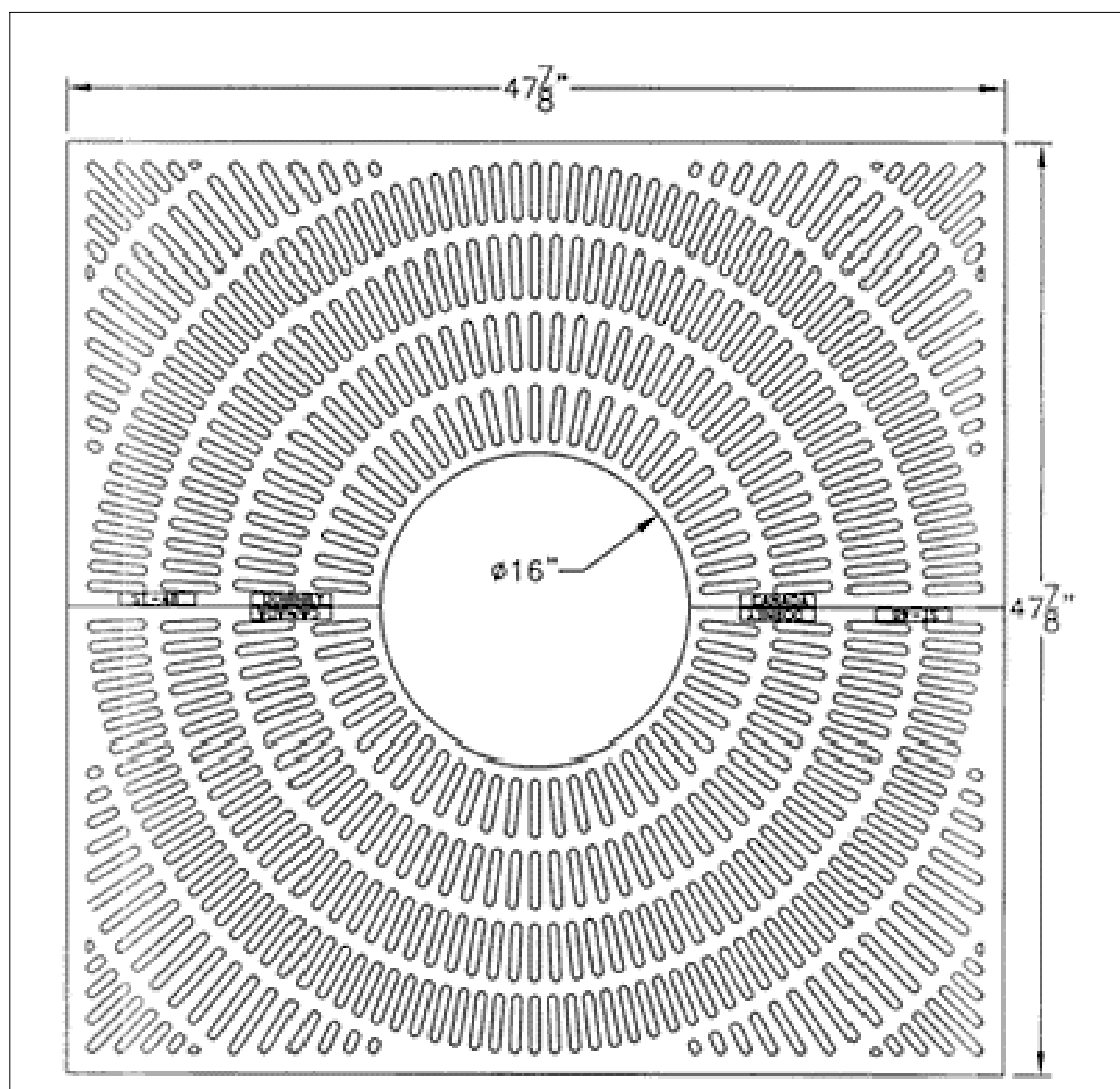
CONIFEROUS TREE STAKING SCHEDULE:
 < 2500mm HT. - ONE STAKE
 > 2500mm HT. - TWO STAKES



1 BALLED & BURLAPPED/WIRE BASKET DECIDUOUS/CONIFEROUS TREE
 LD1 N.T.S.

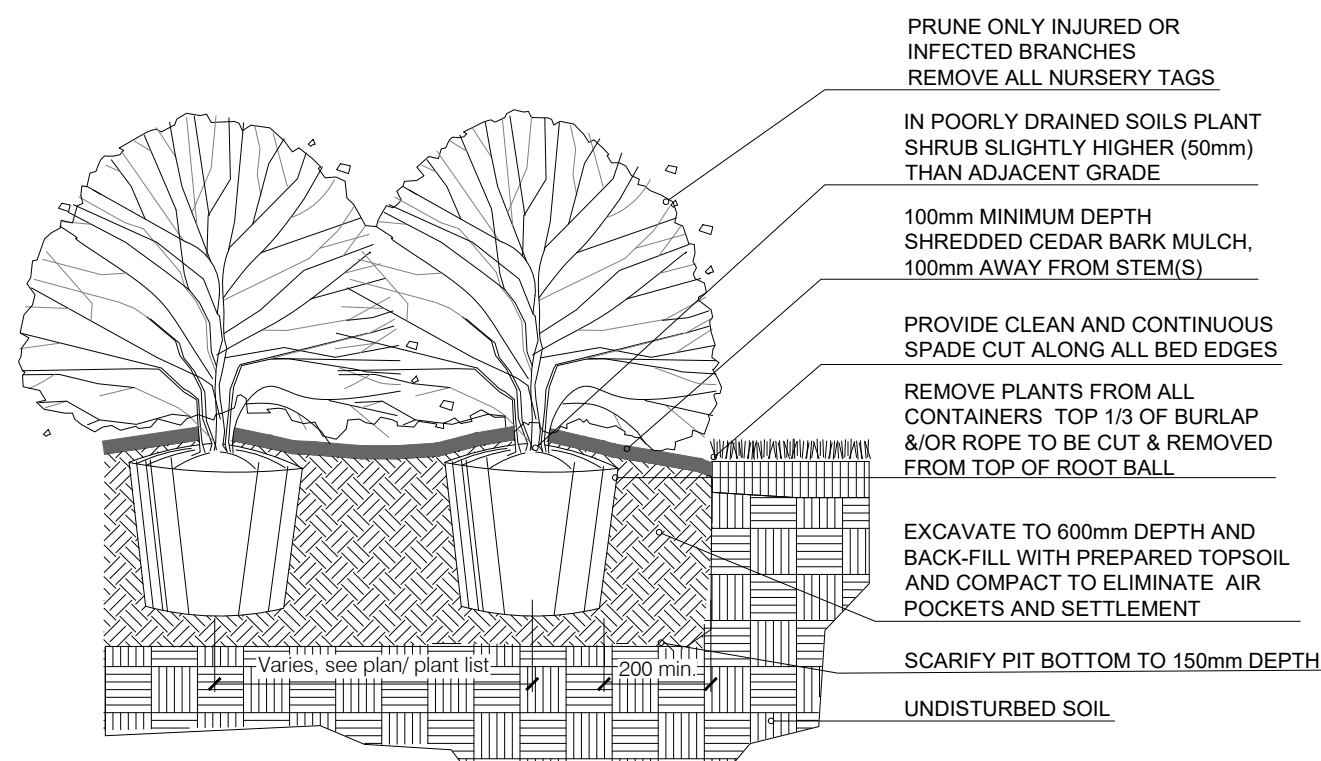


4 BALLED & BURLAPPED/WIRE BASKET CONIFEROUS TREE
 LD1 N.T.S.

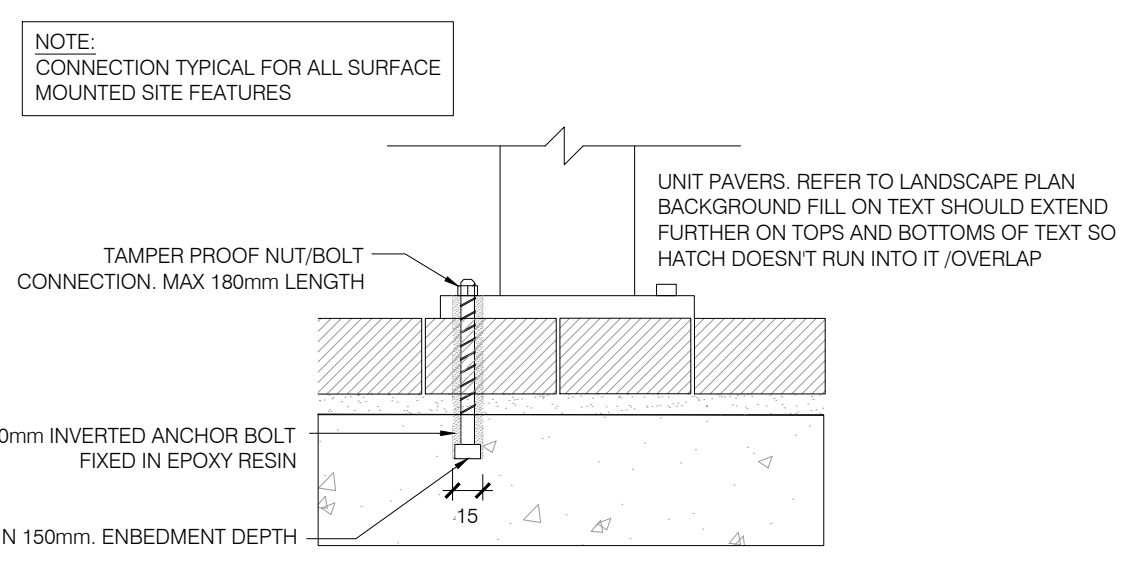


DOBNEY DOBNEY
 SURREY B.C.
 RATING: TREE GRATE
 NO. ST-48

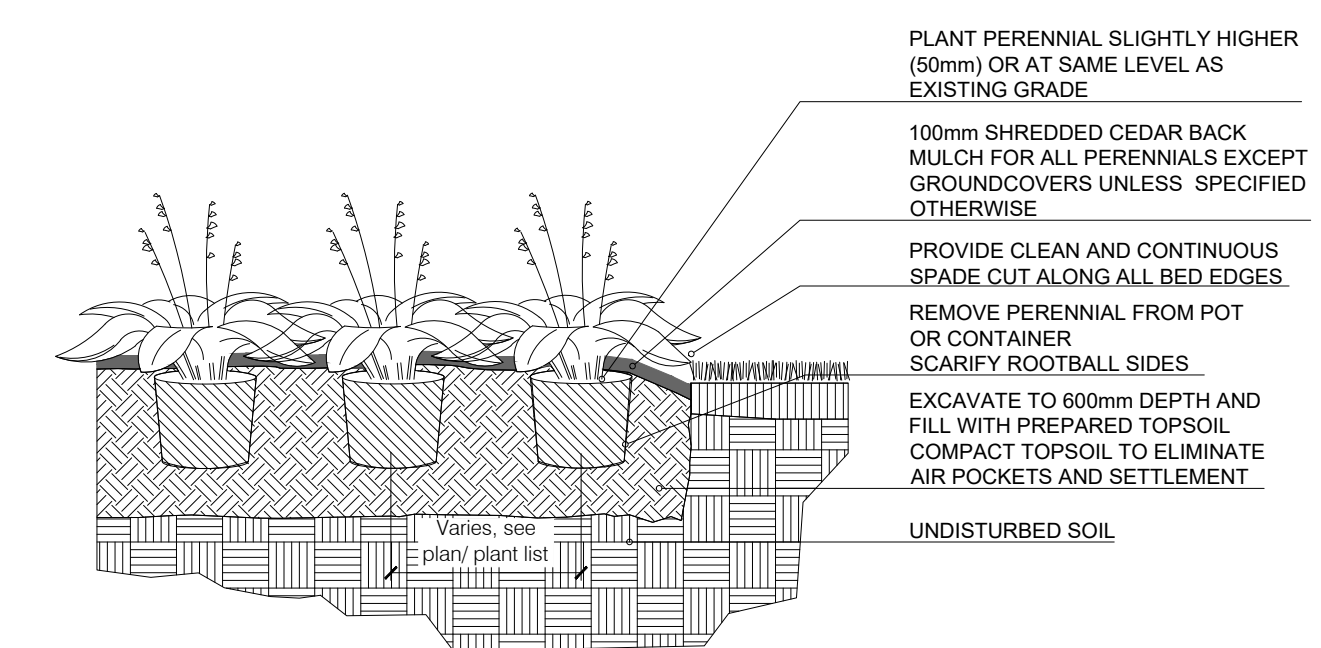
7 TREE GRATE
 LD1 N.T.S.



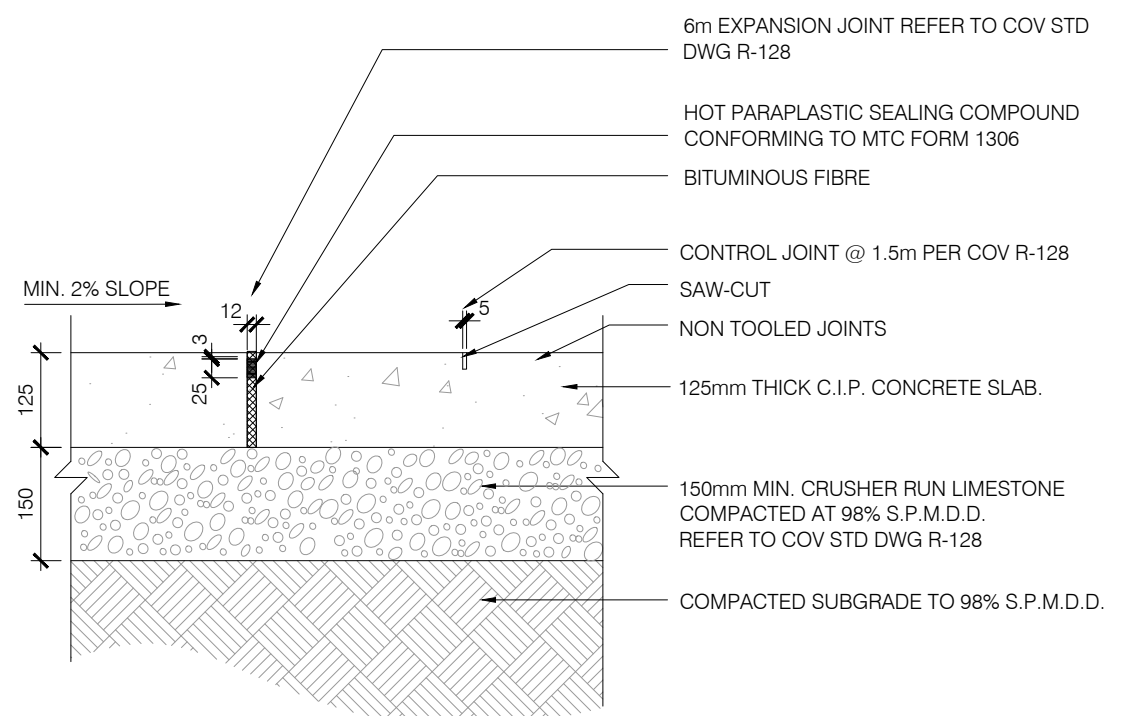
2 BALLED AND BURLAPPED/POTTED SHRUB
 LD1 N.T.S.



5 FURNITURE SURFACE MOUNT (TYP.)
 LD1 N.T.S.



3 CONTAINER GROWN PERENNIAL/GRASS
 LD1 N.T.S.



6 CONCRETE SIDEWALK
 LD1 N.T.S.

VICTOR STANLEY
 Create a timeless moment.
 Create a timeless moment. * ALL DIMENSIONS ARE IN MILLIMETERS *

AVAILABLE OPTIONS:
 POWDER COATING: 10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS, CUSTOM COLORS (INCLUDE THE PALETTE RANGE)
 SLAT TYPES: 20mm x 100mm REINFORCED RECYCLED PLASTIC SLATS
 20mm x 100mm RECYCLED PLASTIC SLATS (20mm x 100mm WITH FULL COVER USE)

INTERESTING & CENTER MOUNT:
 1.8 METER, 2.4 METER, 3.0 METER
 AVAILABLE WITH OPTIONAL ARMREST
 LENGTH: 1.8 METER, 2.4 METER, 3.0 METER
 STANDARD: 1.8 METER (SEE SKETCH)
 STANDARD: 2.4 METER

FR-7 CONTOURSE
 20mm x 100mm SLAT BODY
 SLATS: STANDARD: 1.8 METER LENGTH
 20 SITE SYSTEM SLATS

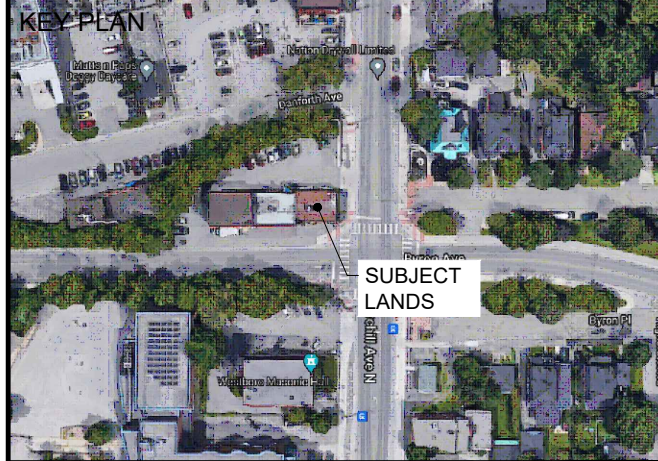
8 BENCH
 LD1 N.T.S.

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ISSUES		
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1	ISSUED FOR ZBA & SPA REVIEW	2022-10-21



ASSOCIATION OF LANDSCAPE ARCHITECTS
 Membership No. 1139413

IBI GROUP
 Suite 101 - 410 Albert Street
 Waterloo ON N2L 3V3 Canada
 Tel 519 585 2255
 ibigroup.com

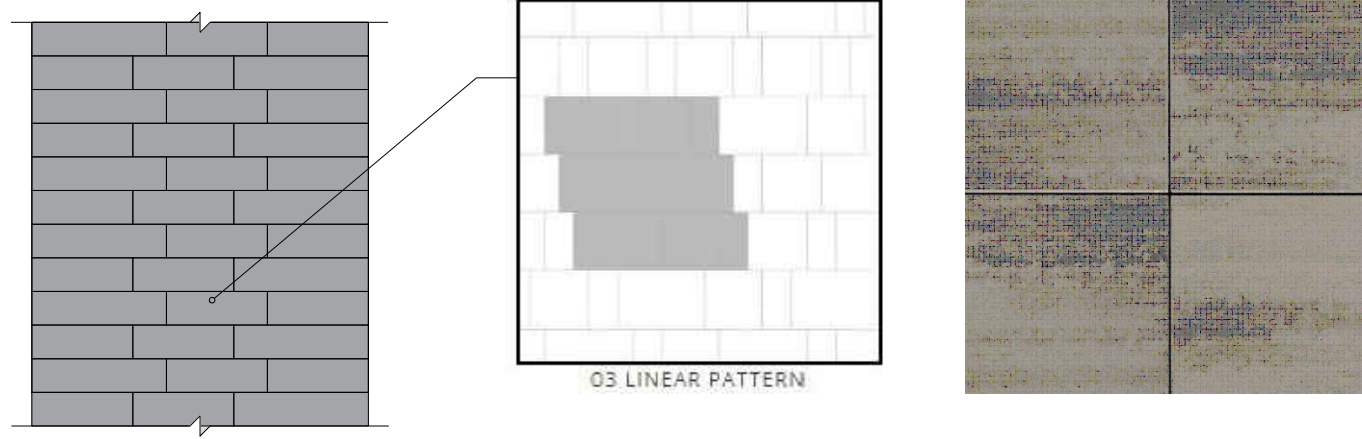
PROJECT
424 CHURCHILL
 CITY OF OTTAWA

PROJECT NO: 139413	SCALE: NTS
DRAWN BY: E.L.	CHECKED BY: T.M.
PROJECT MGR: T.M.	APPROVED BY: T.M.

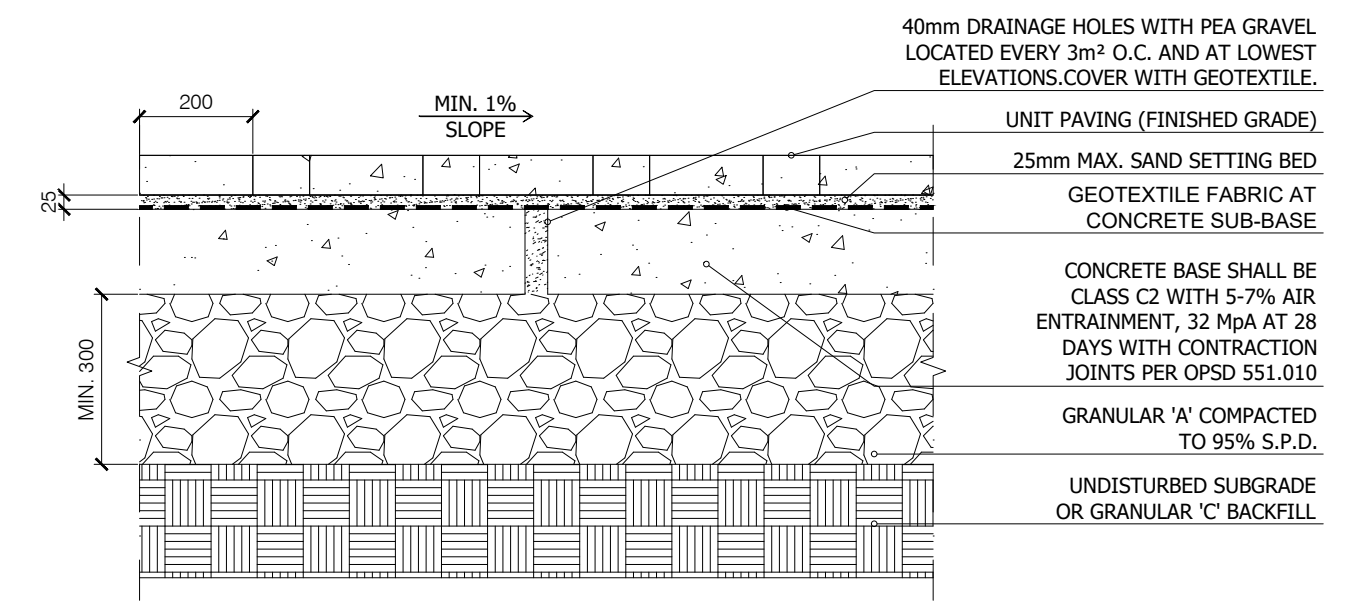
SHEET TITLE
LANDSCAPE DETAILS

SHEET NUMBER LD1	ISSUE 1
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SHAPE AND SIZE: 2 3/8 X 19 1/2 X 32 1/2
 LAYOUT POSSIBILITIES: 03 LINEAR PATTERN
 COLOUR: SHALE GREY



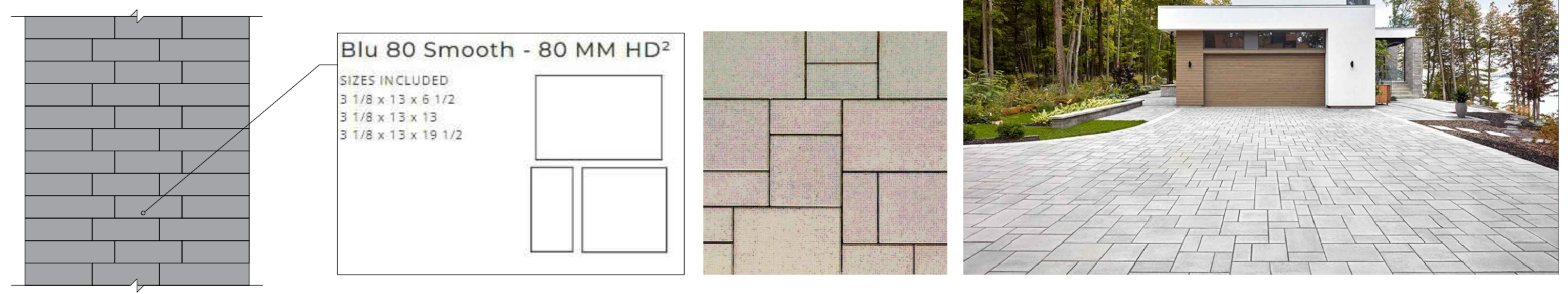
1 UNIT PAVING PATTERN TYPE 1 - SUPPLIED BY TECO-BLOC
 LD2 N.T.S.



NOTES:
 1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
 2. PROVIDE CONTINUOUS EXPANSION JOINT AT PERIMETER OF CONCRETE SUB-BASE.
 3. CONTRACTOR TO PROVIDE INSPECTION AND VERIFICATION CERTIFICATE OF SUB-BASE PRIOR TO GRANULAR INSTALLATION.

4 UNIT PAVING WITH CONCRETE BASE
 LD2 N.T.S.

SHAPE AND SIZE: BLU 80 SMOOTH - 80 MM HD²
 SIZES INCLUDED:
 3 1/8 X 13 X 6 1/2
 3 1/8 X 13 X 13
 3 1/8 X 13 X 19 1/2
 LAYOUT POSSIBILITIES: 03 LINEAR PATTERN
 COLOUR: GREY NICKEL

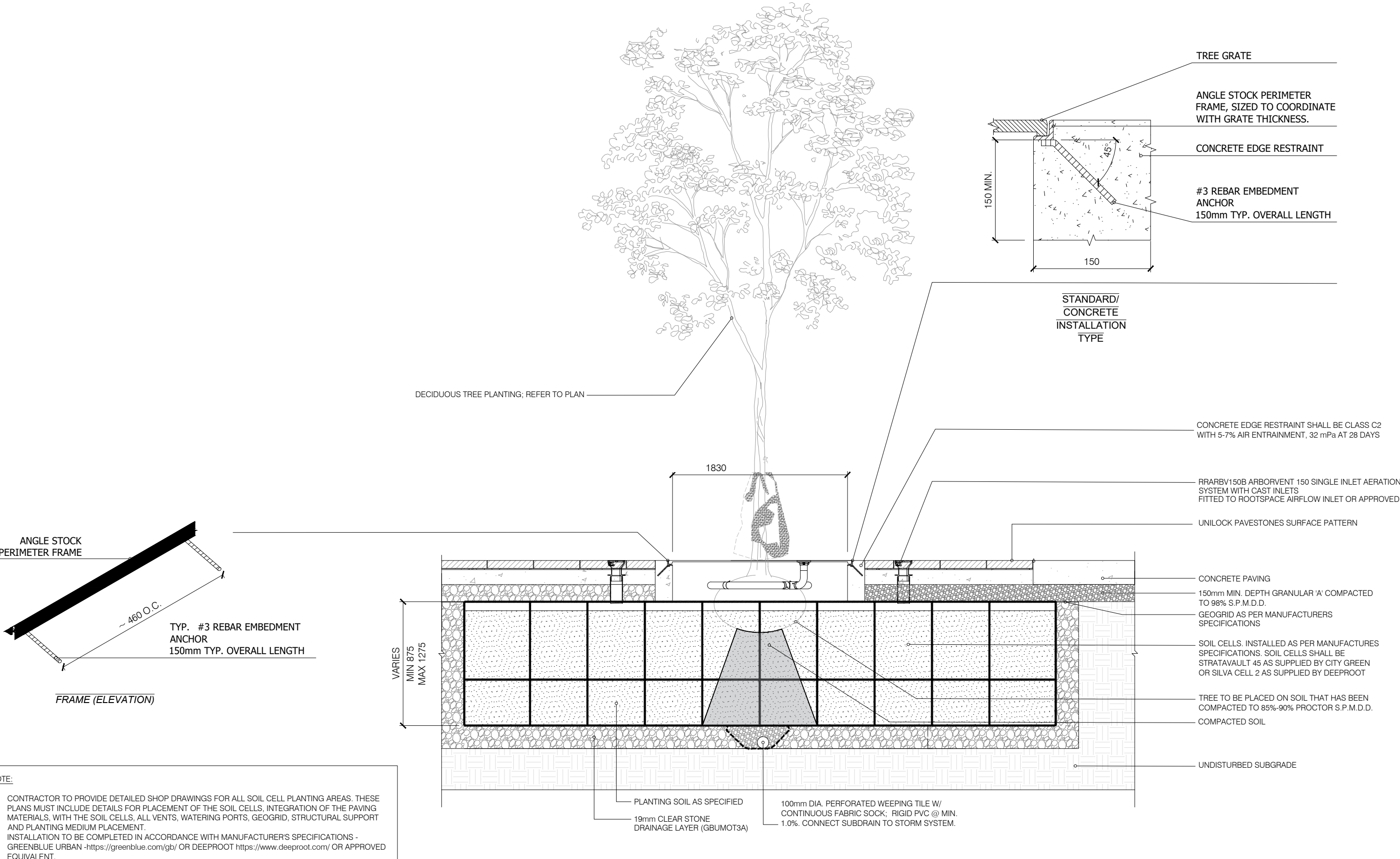
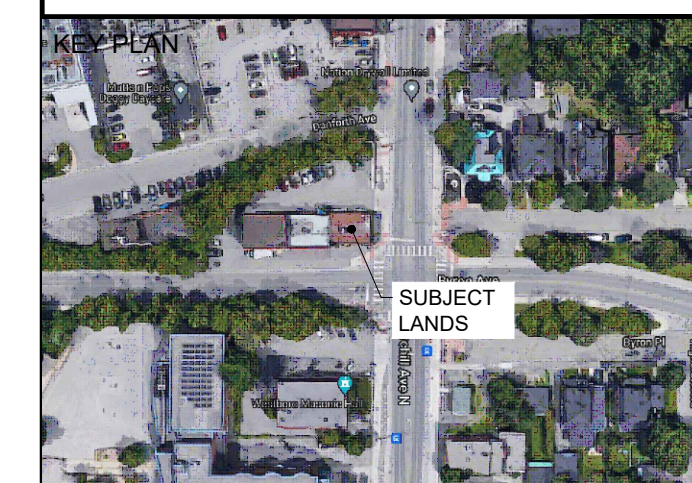


2 UNIT PAVING PATTERN TYPE 2 - SUPPLIED BY TECO-BLOC
 LD2 N.T.S.

CLIENT

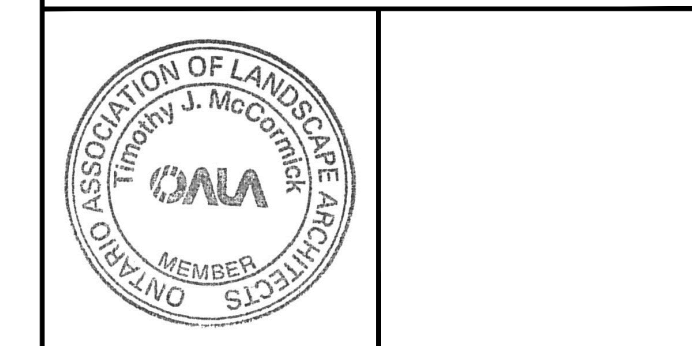
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NOTE:
 1. CONTRACTOR TO PROVIDE DETAILED SHOP DRAWINGS FOR ALL SOIL CELL PLANTING AREAS. THESE PLANS MUST INCLUDE DETAILS FOR PLACEMENT OF THE SOIL CELLS, INTEGRATION OF THE PAVING MATERIALS, WITH THE SOIL CELLS, ALL VENTS, WATERING PORTS, GEGRID, STRUCTURAL SUPPORT AND PLANTING MEDIUM PLACEMENT.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS - GREENBLUE URBAN - <https://greenblue.com/gb/> OR DEEPROOF <https://www.deeproof.com/> OR APPROVED EQUIVALENT.

3 DECIDUOUS STREET TREE PLANTING WITH SOIL CELLS
 LD3 N.T.S.



IBI GROUP
 Suite 101 - 410 Albert Street
 Waterloo ON N2L 3V3 Canada
 tel 519 565 2255
 ibigroup.com

PROJECT
424 CHURCHILL
 CITY OF OTTAWA

PROJECT NO: 139413
 DRAWN BY: E.L.
 PROJECT MGR: T.M.
 SCALE: NTS
 CHECKED BY: M.P.
 APPROVED BY: T.M.

SHEET TITLE
LANDSCAPE DETAILS

SHEET NUMBER
LD2
 ISSUE
1