

LANDSCAPE PLAN

SCALE 1 : 250

PLANT LIST

CODE	QNTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL	NOTES
DECIDUOUS TREES								
ArK	11	KARPICK MAPLE	<i>Acer rubrum 'Karpick'</i>	60 mm	W.B.	8.0 m o/c	P1310	Full Form
AsE	2	ENDOWMENT SUGAR MAPLE	<i>Acer saccharum 'Endowment'</i>	60 mm	W.B.	6.0 m o/c	P1310	Full Form
Co	3	COMMON HACKBERRY	<i>Celtis occidentalis</i>	60 mm	W.B.	9.0 m o/c	P1310	Full Form
Gr	3	SHADENASTER HONEYLOCUST	<i>Gleditsia triacanthos var. inermis 'Shadenaster'</i>	60 mm	W.B.	9.0 m o/c	P1310	Full Form
Mf	4	RED SPLENDOR CRABAPPLE	<i>Malus 'Red Splendor'</i>	60 mm	W.B.	7.0 m o/c	P1310	Full Form
Qa	9	WHITE OAK	<i>Quercus alba</i>	60 mm	W.B.	15.0 m o/c	P1310	Spring planting/ Soil pH<7.5
Qr	2	RED OAK	<i>Quercus rubra</i>	60 mm	W.B.	9.0 m o/c	P1310	Spring planting/ Soil pH<7.5
Tt	4	STERLING SILVER LINDEN	<i>Tilia tomentosa 'Sterling Silver'</i>	60 mm	W.B.	9.0 m o/c	P1310	Full Form

CONIFEROUS TREES

Ab	4	BALSAM FIR	<i>Abies balsamea</i>	200cm	w.b.	6m o/c	D-2	Full form / Do not cut leader
Pg	10	WHITE SPRUCE	<i>Picea glauca</i>	200cm	w.b.	5m o/c	D-2	Full form / Do not cut leader
Ps	4	EASTERN WHITE PINE	<i>Pinus strobus</i>	200cm	w.b.	6m o/c	D-2	Full form / Do not cut leader

STANDARD TREES

East	1	DWARF BURNING BUSH (standard)	<i>Euonymus alatus 'Compactus'</i>	125 cm stem	7 gal	As Per Drawing	P1314	Tree form / Container grown
Hyst	1	PEGEEE HYDRANGEA (standard)	<i>Hydrangea paniculata 'Grandiflora'</i>	150 cm stem	7 gal	As Per Drawing	P1314	Tree form / Container grown
Msst	2	TINA CRABAPPLE	<i>Malus sargentii 'Tina'</i>	150 cm stem	10 gal	As Per Drawing	P1314	Full form / Container grown
Syst	2	MISS KIM LILAC (standard)	<i>Syringa patula 'Miss Kim'</i>	150 cm stem	7 gal	As Per Drawing	P1314	Tree form / Container grown
Vcst	3	KOREAN SPICE VIBURNUM (standard)	<i>Viburnum carlesii</i>	150 cm stem	7 gal	As Per Drawing	P1314	Tree form / Container grown
Rxst	1	NICOLAS ROSE (standard)	<i>Rosa x Nicolas</i>	120 cm stem	7 gal	As Per Drawing	P1314	Tree form / Container grown

DECIDUOUS SHRUBS

BRG	1	ROSE GLOW BARBERRY	<i>Berberis thunbergii</i> 'Rose Glow'	60 cm	3 gal	0.80 m o/c	P1314	Full form / Container grown
Hy	25	ENDLESS SUMMER HYDRANGEA	<i>Hydrangea macrophylla</i> 'Baltzer'	60 cm	3 gal	0.90 m o/c	P1314	Full form / Container grown
Rh	10	HAAGA RHODODENDRON	<i>Rhododendron x marjatta</i> 'Haaga'	50cm	3 gal.	1.30 m o/c	P1314	Full form / Container grown
SmP	9	DWARF KOREAN LILAC	<i>Syringa yemeni</i> 'Palibin'	60 cm	3 gal	1.2m o/c	P1314	Full form / Container grown
SvS	5	SNOW WHITE SPIRAEA	<i>Spiraea x vanhouttei</i> 'Snow White'	60 cm	3 gal	1.5m o/c	P1314	Full form / Container grown
WIR	25	RED PRINCE WEIGELA	<i>Weigela florida</i> 'Red Prince'	60 cm	3 gal	1.2m o/c	P1314	Full form / Container grown
YF	2	GOLDEN SWARD YUCCA	<i>Yucca flaccida</i> 'Golden Sward'	50cm	3 gal.	0.60 m o/c	P1314	Full form / Container grown

EVERGREENS

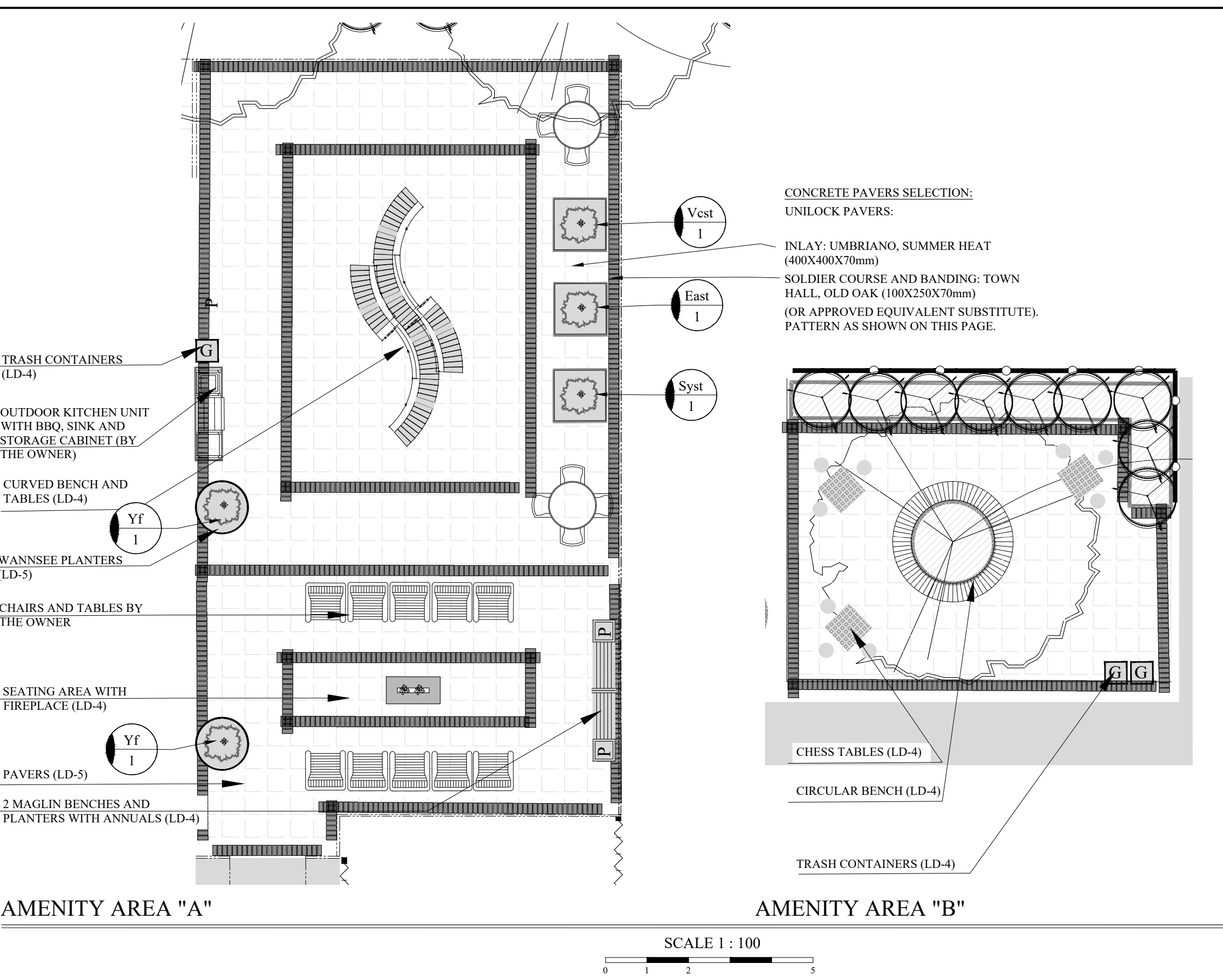
Jm	6	MOFFETT JUNIPER	<i>Juniperus scopulorum</i> 'Moffettii'	150cm	w.b.	0.90 m o/c	P1314	Full form / Container grown
Pmp	1	MUGHO PINE	<i>Pinus mugo</i> var. <i>pumilio</i>	60cm	7 gal.	1.50 m o/c	P1314	Full form / Container grown
TmH	33	HICK'S YEW	<i>Taxus x media</i> 'Hicksii'	50cm	3 gal	0.45 m o/c	P1314	Clipped hedge at 1.5m ht

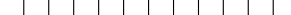
ORNAMENTAL GRASSES

FgE	143	ELIJAH'S BLUE FESCUE	<i>Festuca glauca</i> 'Elijah Blue'	1 gal	pot	0.30 m o/c	n/a	Full form / Container grown
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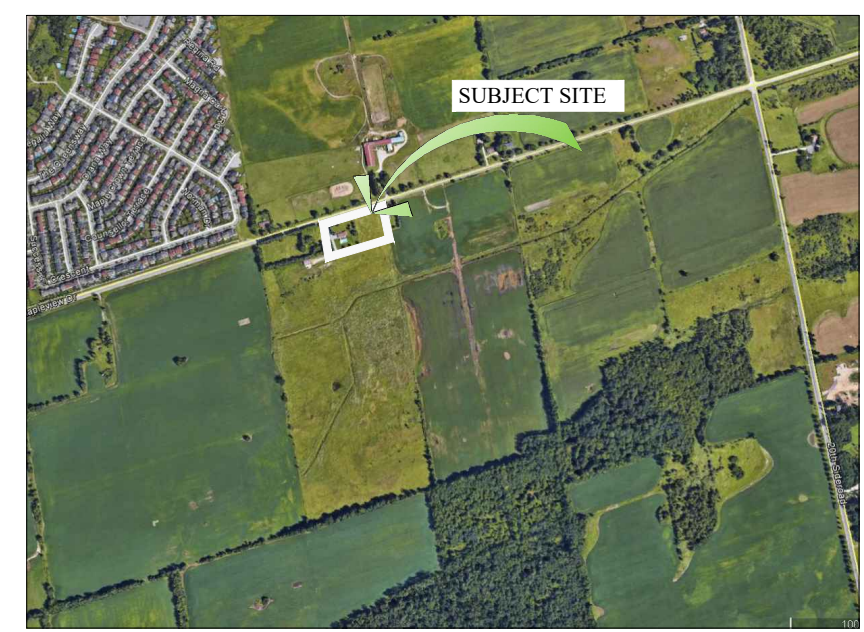
PERENNIALS

Hem	14	STELLA D'ORO DAYLILY	<i>Hemerocallis x 'Stella D'Oro'</i>	1 gal	pot	0.60 m o/c	n/a	Full form / Container grown
Pae	3	SINGLE PEONY	<i>Paeonia lactiflora 'Bowl of Beauty'</i>	1 gal	pot	0.90 m o/c	n/a	Full form / Container grown



	DECIDUOUS TREES (LD-2)		PRIVACY FENCE P1206 (LD-3)		SOD AREA (LD-2)
	CONIFERS (LD-2)		ORNAMENTAL FENCE (LD-3)		SEED MIX AREA (LD-2)
	SHRUBS (LD-2)		CHAIN LINK FENCE (LD-3)		
	PERENNIALS		GUARDRAILS (LD-3)		
	ORNAMENTAL GRASSES		GLASS RAILINGS		
	8" DEEP PEBBLE ROCKS MAX. 2" DIA. ON FILTER FABRIC (270R)		PATIO PAVERS (LP-3)		
	PLANT BED WITH COMMERCIAL ALUMINUM PERMALOC PROLINE LANDSCAPE EDGING MIN. 6" DEPTH.		BENCH (LP-3) WITH ATTACHED PLANTER (P)		
			LITTER CONTAINER (LP-3)		

GENERAL LEGEND



KEY MAP

N.T.S.

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY
CONVENIENT TIME.

[illegible]

BASE INFORMATION PROVIDED BY:
The Jones Consulting Group Ltd.
229 Mapleview Drive East, Unit 1 Barrie, ON L4N
Phone (705) 734-2538 ext 294 Fax (705) 734-1056

BASE PLAN REVISED: APRIL 2024

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF J.D.B. ASSOCIATES LIMITED. DRAWINGS ARE NOT TO BE MODIFIED AND/OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF J.D.B. ASSOCIATES LIMITED. REPRODUCTION OF DRAWINGS IN ANY FORM WITHOUT THE CONSENT OF J.D.B. ASSOCIATES LIMITED VIOLATES THE DRAWING AT WHICH TIME J.D.B. ASSOCIATES LIMITED ACCEPTS NO LIABILITY FOR THE DRAWING CONTENT OR WORKS RESULTING FROM SAID REPRODUCTION. ANY REUSE OF THE DRAWING SHALL BE AT THE RISK OF THE USER. J.D.B. ASSOCIATES LIMITED DOES NOT PROVIDE ANY WARRANTIES OR GUARANTEES, AND J.D.B. ASSOCIATES RESERVES THE RIGHT TO WITHDRAW ANY DRAWING(S) FROM GOVERNMENT OR MUNICIPAL AGENCIES WHETHER APPROVED OR NOT IN THE EVENT THAT ACCOUNTS ARE NOT SETTLED OR REMAIN OUTSTANDING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES OR VARIATIONS FROM THE SUPPLIED INFORMATION TO THE LANDSCAPE ARCHITECT WITH THE PROJECT. J. D. B. ASSOCIATES LIMITED IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL INFORMATION SHOWN ON THE DRAWING. FOR FURTHER INFORMATION REFER TO APPROPRIATE SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORKS.

THIS DRAWING IS NOT TO BE SCALED

DATE _____

PRINT NAME _____ SIGNED OWNER/CLIENT _____



LANDSCAPE ARCHITECTS STAMP

JDB ASSOCIATES LTD.

Urban Designers
Landscape Architects
Arborists

274 Burton Ave., Suite 1201
Barrie, Ontario
L4N 5W4

Fax: 705-722-5660
Tel: 705-722-6278

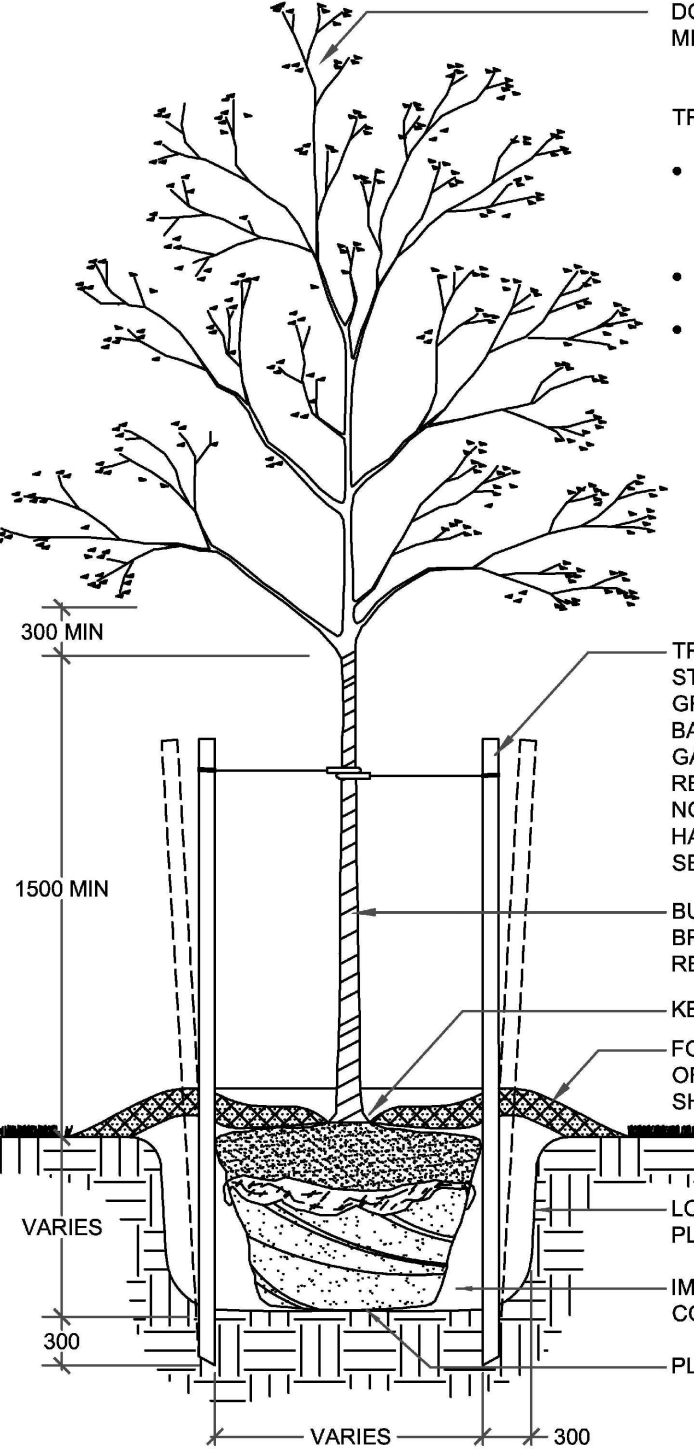
MAPLEVIEW SOUTH
(INNISFIL) LTD.

BLOCK 192
953 Maplevue Drive East

City of Barrie

LANDSCAPE PLAN

SCALE: AS SHOWN	DATE: April 24, 2024	DESIGNED BY: SfT	REVIEWED BY: NB
CITY FILE No. D28-012-2019	OUR FILE REF. # 3-19	DRAWN BY: SfT	L-1B



DO NOT PRUNE LEADERS, TREES WITH DAMAGED OR MISSING LEADERS WILL NOT BE ACCEPTED

TREE CROWN NOTES:

- REMOVE AT TIME OF PLANTING ANY DEAD, BROKEN OR DAMAGED LIMBS INCLUDING INTERFERING BRANCHES, DOUBLE LEADERS AND NARROW BRANCH UNIONS
- REMOVE ALL LABELS AND TAGS AT TIME OF PLANTING
- TREES ARE TO BE PLANTED PLUM AND HAVE BOTH FULL FORM AND HEALTHY CANOPY STRUCTURE. ANY TREES WHICH DO NOT MEET THIS CRITERIA AND/OR HAVE WEAK BRANCHING STRUCTURE, DO NOT HAVE STRAIGHT TRUNKS, OR HAVE UNBALANCED CROWNS WILL NOT BE ACCEPTED

TREES ARE TO BE STAKED WITH (2) TWO SOFTWOOD STAKES (38x38x2400mm) EXTENDING 300mm INTO FIRM GROUND AT AN ANGLE AND SECURED VERTICAL PRIOR TO BACKFILLING THE TREE PIT. SECURE USING #12 GAUGE GALVANIZED WIRE ENCASED IN 12mm DIAMETER REINFORCED RUBBER HOSE (ENSURING WIRE ENDS DO NOT PROTRUDE) OR APPROVED EQUIVALENT. STAKING HARDWARE TO BE REMOVED AFTER ONE GROWING SEASON

BURLAP WRAP TREE FROM TOP OF ROOT BALL TO FIRST BRANCH UNION AND SECURE WITH BIODEGRADABLE TIES. REMOVE AFTER ONE GROWING SEASON

KEEP MULCH 50-100mm AWAY FROM TRUNK

FORM A 100mm HIGH EARTH SAUCER BEYOND THE EDGE OF THE ROOT BALL AND COVER WITH 100mm OF SHREDDED CEDAR MULCH

LOOSEN OR SCARIFY THE INSIDE SURFACE OF THE PLANTING HOLE PRIOR TO INSTALLATION OF THE TREE

IMPORTED FRIABLE SCREENED LOAM TOPSOIL COMPACTED TO ELIMINATE AIR POCKETS

PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL

VARIES

300

1500 MIN

300 MIN

VARIES

300

1. ALL CALIPER TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.

2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.

3. FOR POORLY DRAINED OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm ABOVE THE FINISHED GRADE. FOR ALL OTHER INSTALLATIONS THE ROOT COLLAR SHALL BE AT OR 50mm ABOVE FINISHED GRADE.

4. ALL TREES WITHIN 3.0m OF A SIDEWALK OR DRIVEWAY MUST ALSO HAVE A COORDINATED INSTALLATION OF AN APPROVED ROOT BARRIER INSTALLED IN ADDITION TO THE TREE FOR ALL STREETSCAPE APPLICATIONS.

5. ALL TWINE AND BURLAP MUST BE BIODEGRADABLE (UNTREATED).

6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



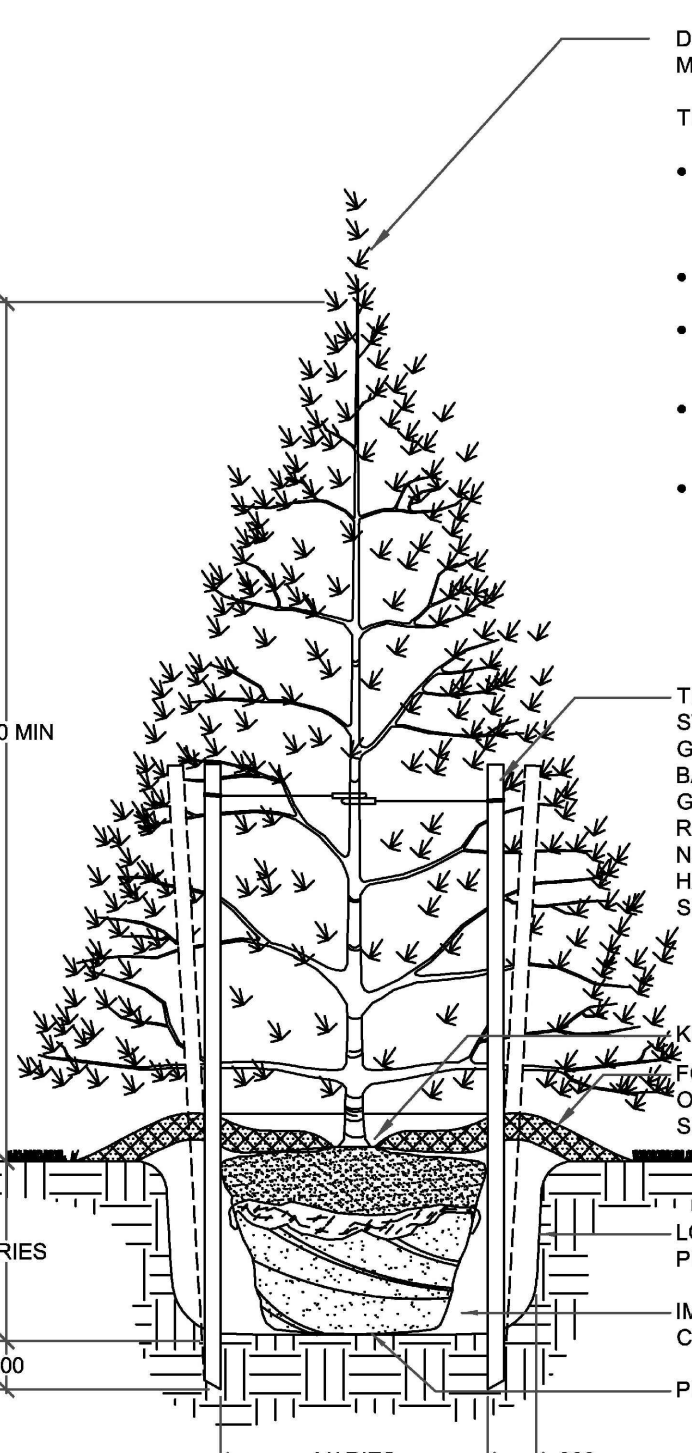
DECIDUOUS TREE
PLANTING

REV No.
5

DATE: APR 2023

SCALE: N.T.S.

P1310



DO NOT PRUNE LEADERS, TREES WITH DAMAGED OR MISSING LEADERS WILL NOT BE ACCEPTED

TREE CROWN NOTES:

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BURLAP WRAP TREE FROM TOP OF ROOT BALL TO FIRST BRANCH UNION AND SECURE WITH BIODEGRADABLE TIES. REMOVE AFTER ONE GROWING SEASON

KEEP MULCH 50-100mm AWAY FROM TRUNK

FORM A 100mm HIGH EARTH SAUCER BEYOND THE EDGE OF THE ROOT BALL AND COVER WITH 100mm OF SHREDDED CEDAR MULCH

LOOSEN OR SCARIFY THE INSIDE SURFACE OF THE PLANTING HOLE PRIOR TO INSTALLATION OF THE TREE

IMPORTED FRIABLE SCREENED LOAM TOPSOIL COMPACTED TO ELIMINATE AIR POCKETS

PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL

VARIES

300

2000 MIN

VARIES

300

1. ALL CONIFEROUS TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.

2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.

3. FOR POORLY DRAINED OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm ABOVE THE FINISHED GRADE. FOR ALL OTHER INSTALLATIONS THE ROOT COLLAR SHALL BE AT OR 50mm ABOVE FINISHED GRADE.

4. ALL TWINE AND BURLAP MUST BE BIODEGRADABLE (UNTREATED).

5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



CONIFEROUS TREE
PLANTING

REV No.
5

DATE: APR 2023

SCALE: N.T.S.

P1312



NOTES
PARK PLANTING

REV No.
2

DATE: APR 2023

SCALE: N.T.S.

P1320

1. THE CONTRACTOR SHALL REVIEW ALL INFORMATION IN THE DRAWINGS, DETAILS AND SPECIFICATIONS FOR THIS PROJECT, AND REPORT ANY DISCREPANCY OR SUBSTITUTION TO THE CONTRACT ADMINISTRATOR IN WRITING PRIOR TO COMMENCEMENT OF WORK.

2. ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND LANDSCAPE ONTARIO. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. THE CITY OF BARRIE RETAINS THE RIGHT TO REFUSE ANY UNSATISFACTORY STOCK.

3. SOD TO BE CANADA No.1 NURSERY SOD, MEETING THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO STANDARDS. ALL AREAS TO RECEIVE A MINIMUM 200mm DEPTH OF TOPSOIL AND SOD UNLESS OTHERWISE INDICATED. SEE DRAWINGS AND SPECIFICATIONS FOR AREAS TO BE MULCHED OR HYDRO-SEEDED.

4. CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 300mm OF THE TOP OF ROOT BALL. HEIGHT OF CONIFEROUS TREES IS DEFINED AS THE DISTANCE BETWEEN THE TOP OF ROOT BALL AND THE FIRST WHORL (NOT LEADER HEIGHT). REFER TO P1312 AND P1313.

5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION, OR ANY OTHER FEATURES TO BE RETAINED.

6. THE CONTRACTOR SHALL STAKE OUT ALL PLANTING LOCATIONS FOR APPROVAL BY THE CONTRACT ADMINISTRATOR, AND/OR CITY STAFF PRIOR TO PLANTING.

7. FOR ALL LANDSCAPE PLANS, ALL DIMENSIONS ARE TO BE SHOWN IN MILLIMETRES UNLESS OTHERWISE INDICATED.

8. ALL MASS PLANTINGS OF CONIFERS AND SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED WITH SHREDDED CEDAR OR APPROVED EQUIVALENT.

9. SCHEDULE AND PERFORM OPERATIONS FOR OPTIMUM PLANTING CONDITIONS, AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE HEALTHY, VIGOROUS GROWTH.

10. ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEARS FROM THE DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD, OR TO BE REPLACED AT THE CONTRACTOR'S EXPENSE.

11. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.

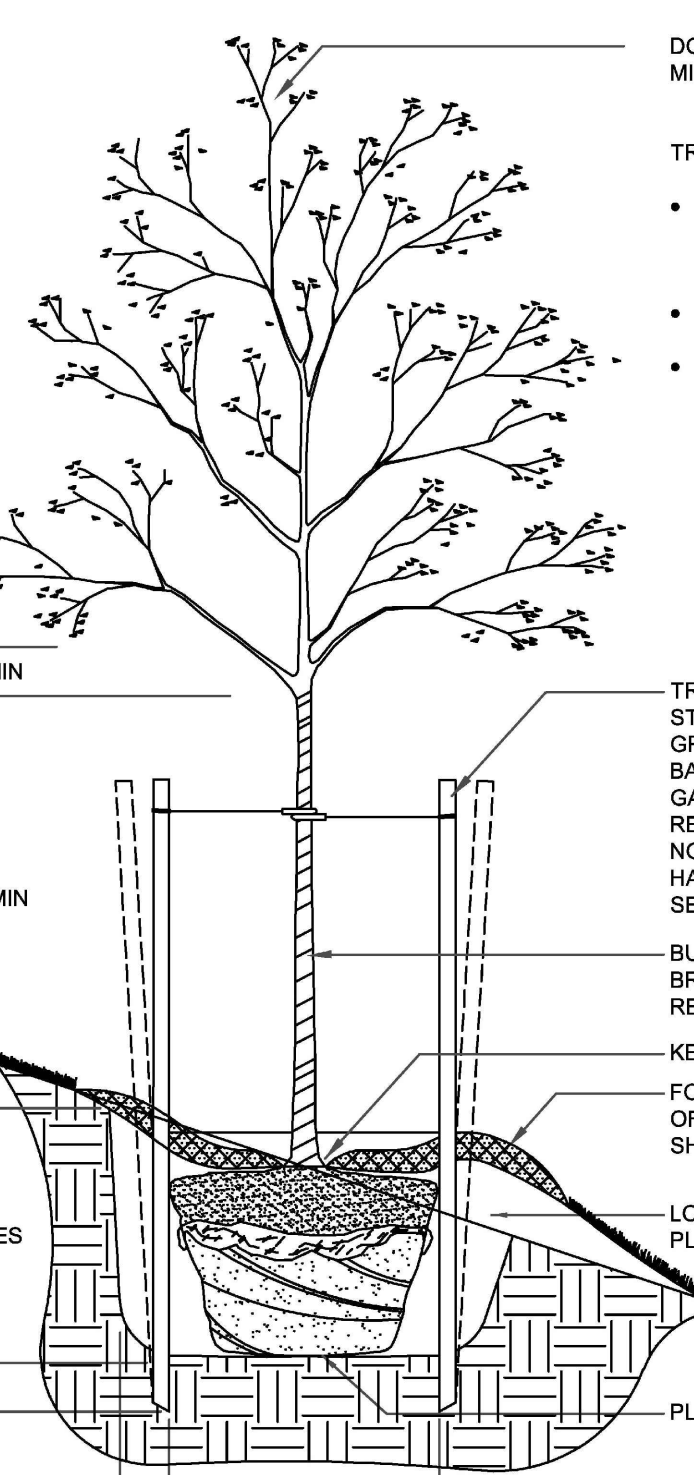
12. INSTALLATION OF THE PLANT MATERIAL PRIOR TO INSPECTION BY THE CITY OF BARRIE WILL BE THE CONTRACTOR'S RESPONSIBILITY. THE CITY OF BARRIE RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWING(S). REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL THE PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT.

13. ALL PLANT MATERIALS WHICH CANNOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEELED IN OR WELL PROTECTED WITH SOIL OR SIMILAR MATERIALS TO PREVENT DRYING OUT, AND SHALL BE KEPT MOIST UNTIL COMMENCEMENT OF PLANTING.

14. ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS.

15. NO GRADING OR SODDING SHALL BE DONE WITHIN THE LIMIT OF PRESERVATION AREAS.

16. IN THE EVENT OF A DISCREPANCY BETWEEN A PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.



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PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL

VARIES

300

1500 MIN

300 MIN

VARIES

300

1. ALL CALIPER TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.

2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.

3. EXCAVATION TO BE BACKFILLED WITH IMPORTED FRIABLE SCREENED TOPSOIL WHICH IS TO BE FIRMLY COMPACTED TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.

4. EXPOSED SOIL SHALL BE RE-SODDED OR IN A RESTORATION ENVIRONMENT SEEDED WITH A SIMCOE COUNTY NATIVE SEED MIX AND ANNUAL RYE NURSE CROP.

5. ALL TWINE AND BURLAP MUST BE BIODEGRADABLE (UNTREATED).

6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



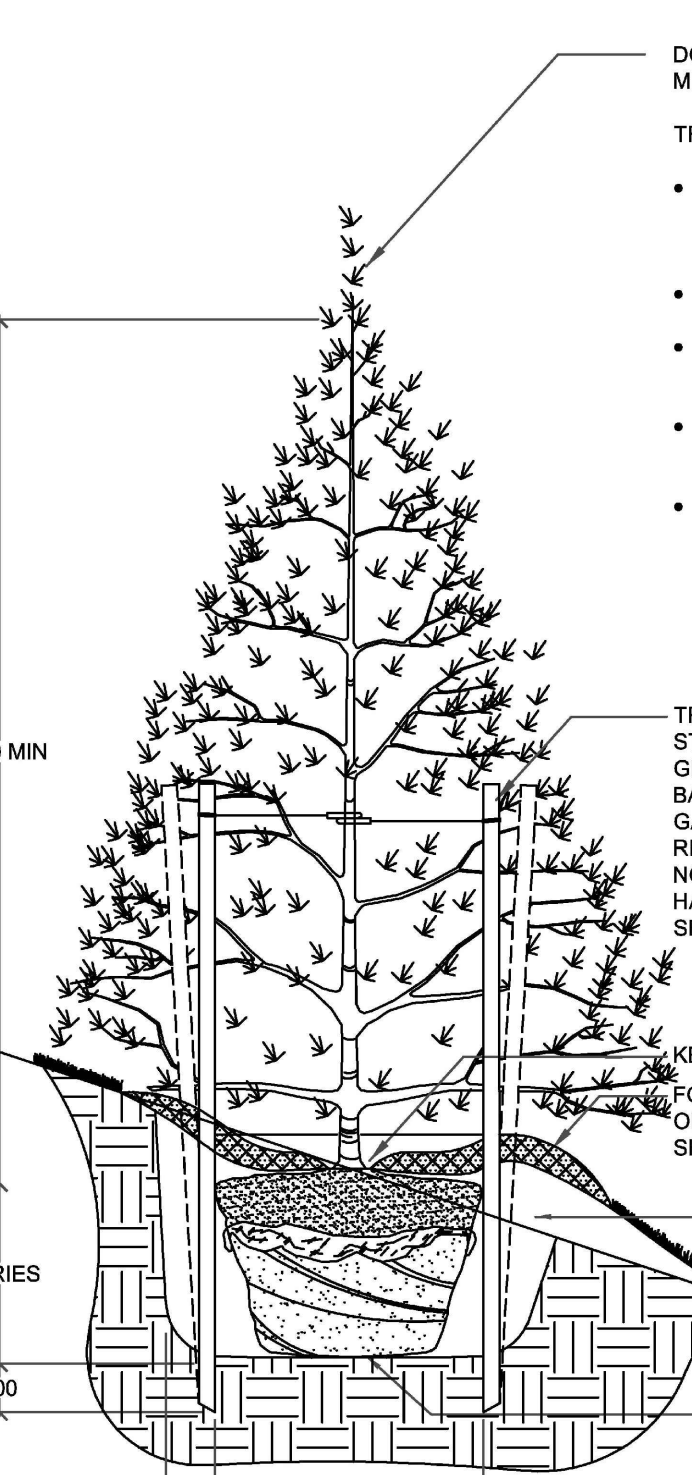
DECIDUOUS TREE
SLOPE PLANTING

REV No.
2

DATE: APR 2023

SCALE: N.T.S.

P1311



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2000 MIN

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CONIFEROUS TREE
SLOPE PLANTING

REV No.
2

DATE: APR 2023

SCALE: N.T.S.

P1313



CONTAINER GROWN
SHRUB PLANTING

REV No.
5

DATE: APR 2023

SCALE: N.T.S.

P1314

1. PLANTING METHOD ILLUSTRATED APPLIES TO CONTAINER / POTTED MATERIAL ONLY.

2. PLANTING DETAIL DOES NOT SPECIFICALLY RELATE TO ANY PARTICULAR SPECIES AND SHALL BE APPLIED TO BOTH DECIDUOUS AND CONIFEROUS POTTED MATERIAL.

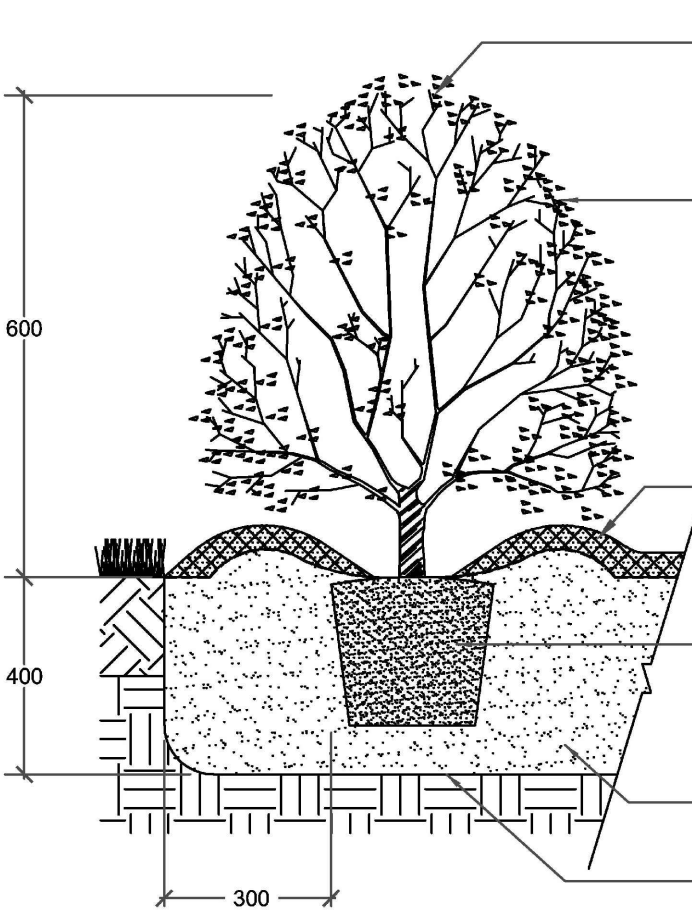
3. SET SHRUBS 50mm HIGHER THAN GRADE TO ALLOW FOR SETTLEMENT.

4. ALL SHRUB PLANTING IS TO OCCUR IN CONTINUOUS MULCHED PLANTING BEDS WITH WEED CONTROL FILTER FABRIC.

5. DO NOT COVER THE BASE OF SHRUB WITH MULCH.

6. ALL SOIL SHALL BE ADEQUATELY COMPACTED TO PREVENT AIR POCKETS AND SETTLEMENT.

7. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



PRUNE DEAD OR BROKEN BRANCHES ONLY IMMEDIATELY AFTER PLANTING. PRUNING IS TO BE COMPLETED IN A MANNER WHICH PRESERVES THE NATURAL CHARACTER AND FORM OF THE PLANT

REMOVE ALL NURSERY TAGS AND FLAGGING TAPE IMMEDIATELY UPON INSTALLATION

50-100mm DEPTH OF SHREDDED CEDAR MULCH TO BE PLACED OVER A MINIMUM 150R FILTER CLOTH OR EQUIVALENT FOR ALL CONTINUOUS PLANTING BEDS

REMOVE NURSERY POTS OR WRAP PRIOR TO PLACEMENT, IF ROOT BOUND SLICE ROOT MASS VERTICALLY AND GENTLY SEPARATE EXTERIOR ROOTS. FOR FIBER POTS, REMOVE BOTTOM OF POT AND SLICE POT VERTICALLY THREE TIMES PRIOR TO PLACEMENT

PLANTING SOIL MIX AS SPECIFIED. STRAIGHT TOP SOIL WILL NOT BE ACCEPTED FOR USE IN PLANTING BEDS

SCARIFY SURFACE OF SUBSOIL PRIOR TO PLANTING OR INSTALLATION OF PLANTING SOIL MIX

600

400

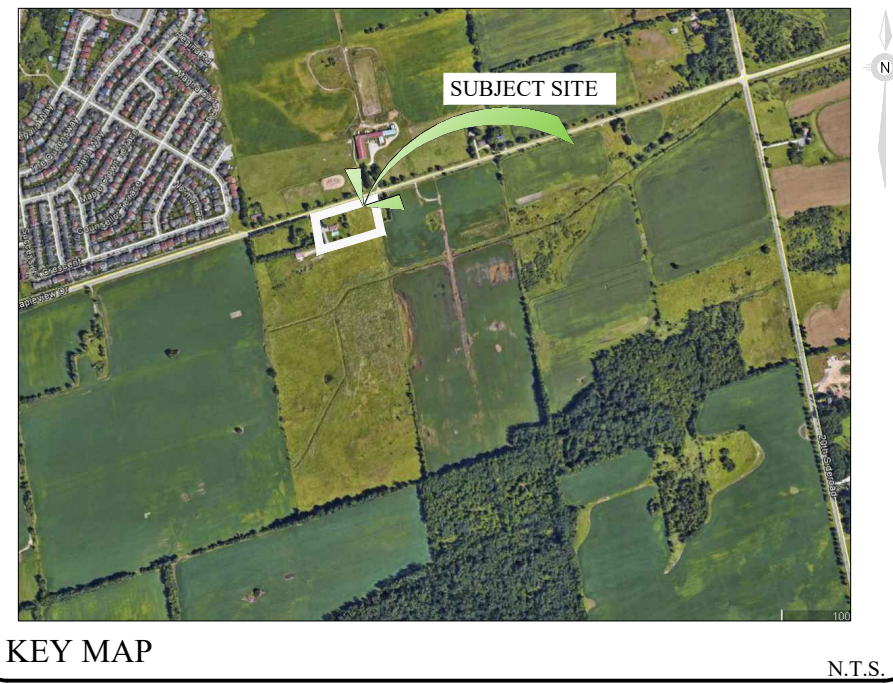
300

- SITE CONDITIONS**
- VERIFY ALL EXISTING SITE CONDITIONS AND REPORT ANY DISCREPANCIES BEFORE COMMENCING WORK.
 - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION OR ANY OTHER FEATURES TO BE RETAINED.
 - FOR ALL AREAS OF DISTURBANCE, NATIVE TOPSOIL IS TO BE STRIPPED, STOCK PILED, LABORATORY TESTED AND REPLACED AS PER TOPSOIL REQUIREMENTS.
- PLANT MATERIAL REQUIREMENTS**
- PLANT MATERIAL LISTED IN THE PLANT SCHEDULE ARE MINIMUM SIZES +/- NURSERY GROWN AND UNIFORM SPECIMENS. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECTS.
 - DECIDUOUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND WELL BRANCHED 1.5M ABOVE GRADE UNLESS OTHERWISE STATED.
 - CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 0.3m OF THE GROUND.
 - ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND THE HORTICULTURAL TRADES ASSOCIATION. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. UNSATISFACTORY STOCK WILL BE REFUSED ON THE SITE.
 - SOD TO BE CANADA No.1 NURSERY SOD, MEETING ONTARIO SOD GROWERS ASSOCIATION STANDARDS. ALL SOD AREAS TO RECEIVE 200MM DEPTH OF TOPSOIL UNLESS OTHERWISE INDICATED.
- PLANTING NOTES**
- LOCATIONS FOR PLANT MATERIAL AND PLANTING BEDS ARE TO BE MARKED OR STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT AND MUNICIPAL STAFF PRIOR TO INSTALLATION.
 - ALL PLANT MATERIAL, WHICH ARE SPECIFIED BY O.C. (ON CENTER SPACING) ARE TO BE PLANTED AS NOTED IN THE PLANT SCHEDULE.
 - IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.
 - ALL MASS PLANTINGS OF SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED AS SPECIFIED.
 - ALL TREE PITS SHALL INCLUDE TREATMENT WITH MICORRHIZAL FUNGI OF THE WALLS BEFORE PLANTING (2L OF "MIKE" OR SIMILAR PRODUCT SHALL BE USED FOR EACH 60MM CALIPER TREE)
 - ALL TREES ARE TO BE STAKED OR GUY WIRED ACCORDING TO DETAILS PROVIDED. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT.
 - REMOVE BURLAP AND ROPE FROM THE TOP 1/3 OF ROOT BALLS.
 - WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.
 - ALL PLANT MATERIALS WHICH CANNOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEELED IN OR WELL PROTECTED WITH SOIL OR SIMILAR MATERIALS TO PREVENT DRYING OUT AND SHALL BE KEPT MOIST UNTIL COMMENCEMENT OF PLANTING.
 - NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT. ALL OPEN PITS SHALL BE ADEQUATELY PROTECTED BY BARRIERS OR FILLED IN WITH SOIL PRIOR TO THE END OF EACH PLANTING DAY.
 - ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS.

- INSPECTION AND WARRANTY**
- GIVE TIMELY NOTICE TO THE LANDSCAPE ARCHITECT FOR THE REQUIRED START UP SITE INSPECTION TO REVIEW SITE CONDITIONS AND SCHEDULE FOLLOW UP INSTALLATIONS.
 - INSTALLATION OF PLANT MATERIAL PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT WILL BE THE CONTRACTOR'S RESPONSIBILITY.
 - THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWING. REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT.
 - ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEAR FROM DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD OR BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 - FINAL ACCEPTANCE OF THE PROJECT WILL BE CARRIED OUT UPON COMPLETION OF ALL WORK INCLUDED IN THE CONTRACT.

- TOPSOIL REQUIREMENTS**
- PROVIDE MINIMUM SOIL VOLUME PER TREE AT 0.45m DEPTH FOR STREET TREES (OR ABOVE UTILITIES) AND MAX. 0.9m IN OTHER AREAS:
 - 18 m³ FOR LARGE TREES
 - 12 m³ FOR SMALL TREES
 - PREPARED SOIL MIXTURE FOR EACH TREE PITS AND SHRUBS SHALL CONSIST OF HIGH QUALITY SOIL:
 - SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5+ OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS
 - ONE PART COARSE PULVERIZED CANADIAN PEAT MOSS
 - ONE PART OF WELL-ROTTED FARM MANURE
 - PREPARED SOIL MIXTURE FOR SOD AREAS SHALL CONSIST OF MIN. 20cm HIGH QUALITY SOIL:
 - SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5+ OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS

THIS NOTES SHALL BE READ IN CONJUNCTION WITH P1320 ON THIS PAGE



KEY MAP

N.T.S.

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	SUBMITTED TO THE CITY OF BARRIE	JUNE 26, 2024	ST

BASE INFORMATION PROVIDED BY: BASE PLAN REVISED: APRIL 2024

The JDB Consulting Group Ltd.
229 Midway Drive East, Unit 1, Barrie, ON L4N 0N5
Phone (705) 734-2538 ext 204 Fax (705) 734-1006

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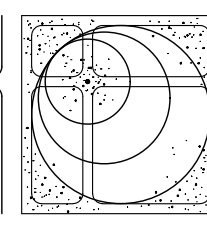
THIS DRAWING IS NOT TO BE SCALED.

DATE: _____
PRINT NAME: _____ SIGNED OWNER/CLIENT: _____





JDB ASSOCIATES LTD.
Urban Designers
Landscape Architects
Arborealists
274 Burton Ave., Suite 1201
Barrie, Ontario
L4N 5W4

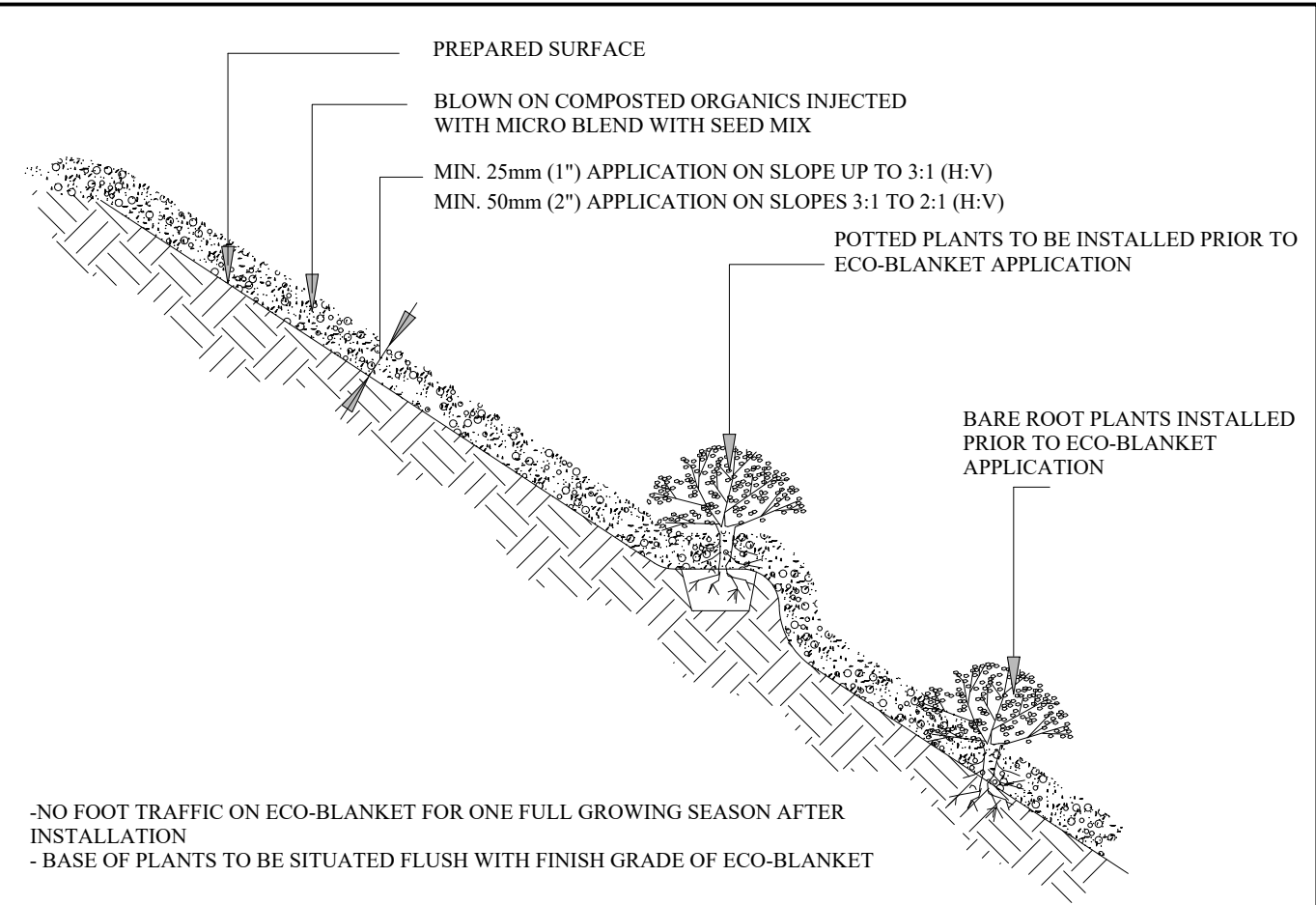


Fax: 705-722-5660
Tel: 705-722-6278

**MAPLEVIEW SOUTH
(INNISFIL) LTD.**

953 Mapleview Drive East
City of Barrie

LANDSCAPE PLANTING DETAILS			
SCALE: NTS	DATE: April 24, 2024	DESIGNED BY: ST	REVIEWED BY: NB
CITY FILE No. D28-012-019	OUR FILE REF. # 3-19	DRAWN BY: ST	LD-2



1.0 Description:
This work shall consist of furnishing, constructing and maintaining an EcoBlanket to Rexius specifications. EcoBlanket is a ground cover (surface blanket) of the Rexius specified compost/mulch (Erosion Blend) combined with a special additive (Microblend) constructed with a pneumatic blower to control and reduce soil erosion. An EcoBlanket stabilizes the soil, prevents splash, sheet and rill erosion, and removes suspended soil particles and contaminants from water moving off the site and into adjacent waterways or storm water conveyance systems.
1.1. This EcoBlanket must be applied by Landsource Organix Ltd., 100 Britannia Road East, Hornby, Ontario L0P 1E0, tollfree 1 877 548 8558 (toll free fax 1 877 548 8559) or equivalent certified EcoBlanket installer.
1.2. Materials must be applied using a pneumatic blower unit complete with a supplemental granular injection system capable of installing at least 15 cubic meters per hour.
1.3. Contractor must have at least 3 years of proven experience in successfully installing EcoBlanketsTM.

2.0 Material:
The EcoBlanket filtering material consists of the Rexius Erosion Blend of compost and mulch materials, according to the Rexius particle sizing specifications, in combination with the Rexius Microblend additive.
2.1. Particle size must meet exact specifications of the Rexius EcoBlanket Erosion Blend material supplied by a certified supplier/installer.
2.2. The compost portion of EcoBlanket shall be derived from well-decomposed organic matter source produced by controlled aerobic (biological) decomposition that has been sanitized through the generation of heat and stabilized to the point that it is appropriate for this particular application. Compost material shall be processed through proper thermophilic composting, meeting the Canadian Council of Ministers of the Environment's (CCME) definition for a process to further reduce pathogens (PFRP). The compost portion shall meet the chemical, physical and biological properties (as outlined in the chart on reverse). These and all other required properties for the performance of the EcoBlanket are included in the Rexius EcoBlanket Manufacture Guidelines followed by certified suppliers/installers.
2.3. Rexius Microblend additive shall be injected into Erosion Blend material at time of EcoBlanket construction.
2.4. A proof of certification as an EcoBlanket supplier shall be submitted to the Landscape Architect for approval prior to installation. Test results for EcoBlanket performance shall be made available upon request.
2.5. Where seeding or planting is planned, Erosion Blend material must meet Rexius' minimum specification requirements for seeding purposes.

3.0 Construction:
3.1. The EcoBlanket shall be placed as shown on the plans or as directed by the Landscape Architect.
3.2. On areas with slopes 3:1 to 2:1 (H:V) the EcoBlanket shall be uniformly applied directly at the soil surface with a pneumatic blower as specified by Rexius. EcoBlanket shall be applied at a depth of 50 mm minimum and approximately 90 cm over the top of the slope, or overlap it into existing vegetation. On areas with slopes up to 3:1 (H:V) the EcoBlanket shall be applied at a depth of 25mm minimum. In extreme conditions and where specified by the Engineer/Landscape Architect, EcoBerms shall be added and constructed at the top of the slope, in parallel intervals down the profile of the slope (6 metres to 9 metres apart) if necessary. (The Engineer/Landscape Architect shall specify berm requirements)
3.3. Rexius Microblend shall be applied/injected at a minimum rate of 615 kgs. per hectare (or as specified by Rexius), to be confirmed by inspector/project manager.
3.4. EcoBlanket application depth may be modified based on specific site (e.g., soil characteristics, existing vegetation) and climatic conditions, as well as particular project related requirements. The severity of slope grade, as well as slope length will also influence the EcoBerms and number of EcoBerm placements in combination with the EcoBlanket.
3.5. If temporary or long-term vegetation is required, Erosion Blend material may be injected with seed during application. The Engineer/Landscape Architect shall specify seed requirements and the compost/mulch component shall abide by the minimum standards set by Rexius for seeding.

3.6. Where vegetation is to be established, slightly roughen (scarify) slopes and remove large clods, rocks, stumps, roots larger than 50 mm in diameter and debris on slopes. This soil preparation step may be eliminated where approved by the Landscape Architect/Designer, or where seeding or planting is not planned. Where practical, track (compact) perpendicular to contours on the slope using a bulldozer before applying EcoBlanket injected with seed.
3.7. Do not use EcoBlankets in areas of concentrated flow (i.e. ditches, streams, etc.)
3.8. Unless otherwise allowed by Landscape Architect, seeding shall be performed within the local region's seeding deadlines.

4.0 Maintenance:
The Contractor shall maintain the EcoBlanket in a functional condition at all times. Contractor shall make periodic inspections of the EcoBlanket for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional EcoBlanket material shall be installed immediately to required depth.

5.0 Method of Measurement:
EcoBlanket shall be measured by the square metre, complete in place.

6.0 Performance:
6.1. Place EcoBlankets on denuded areas immediately or as directed by Landscape Architect. EcoBerms and/or temporary or permanent vegetation shall be applied/established when necessary, along with other appropriate structural measures and controls, for additional erosion and sediment control.
6.2. The work specified in this Section consists of designing, providing, and maintaining erosion and sedimentation controls as necessary. All existing and foreseeable future conditions that affect the work inside and outside the site limits must be acknowledged as the Contractor's responsibility.
6.3. Contractor is responsible for providing effective sediment control measures based on performance. Contractor may, with approval from the Landscape Architect, work outside the minimum construction requirements to establish a working erosion control system.

Parameters:
1.4 Reported as (units of measure) EcoBlanket to be Vegetated EcoBlanket to be left Un-vegetated
PH2 pH units 5.0 - 8.5 N/A
Soluble Salt Concentration:2 (electrical conductivity) dS/m (mmhos/cm) Maximum 5 N/A
Stability:3 Carbon Dioxide Evolution Rate mg CO2-C per g OM per day < \$ N/A
Physical Contaminants (man-made inerts) % dry weight basis < 1 < 1

1. Recommended test methodologies are provided in Test Methods for the Examination of Composting and Compost (SCC through INQO)
2. Each specific plant species requires a specific pH range. Each plant also has a salinity tolerance rating, and maximum tolerable quantities are known. When specifying the establishment of any plant or turf species, it is important to understand their pH and salinity salt requirements, and how they relate to the compost in use.
3. Stability/Maturity rating is an area of compost science that is still evolving, and as such, other various test methods could be considered. Also, never base compost quality conclusions on the result of a single stability/maturity test.
4. Landscape Architect may modify the allowable compost specification ranges based on specific field conditions and plant requirements.

ECOBANKET SPECIFICATIONS AND DETAIL

DETAIL ADAPTED FROM LANDSOURCE ORGANIX EcoBlanket (tel.:1-877-548-8558)

UPLAND PLANTING ZONE

NO-MOW ZONE

SIMCOE COUNTY NATIVE UPLAND MIXTURE:

- 2% NEW ENGLAND ASTER (Aster novae-angliae)
- 12% BLACK EYED SUSAN (Rudbeckia hirta)
- 20% SAND DROPSEED (Sporobolus corymbosus)
- 20% CANADA WILD RYE (Elymus canadensis)
- 4% CANADA GOLDEN ROD (Solidago canadensis)
- 5% COMMON MILKWEED (Asclepias syriaca)
- 1% WILD BERGAMONTE (Monarda fistulosa)
- 1% SMOOTH BLUE ASTER (Aster laevis)
- 15% LITTLE BLUE STEM (Andropogon scoparius)
- 20% INDIANGRASS (Sorghastrum nutans)

SEEDING RATE - 30kg PER HECTARE

SUPPLIED BY - OSC SEEDS 1-519-886-0557

ANNUAL RYE NURSE CROP TO BE APPLIED AT TIME OF NATIVE UPLAND PLANTING MIXTURE AT A RATE OF 25kg PER HECTARE. REFER TO TERRASEEDING NOTES AND MULCH APPLICATION SPECIFICATIONS IN THIS BOX FOR FURTHER DETAILS.

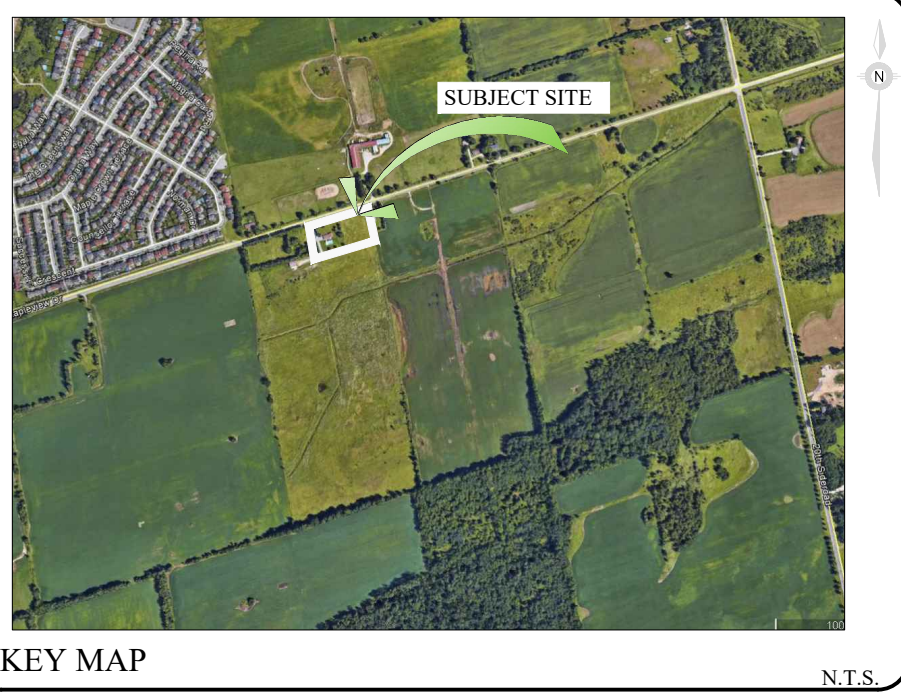
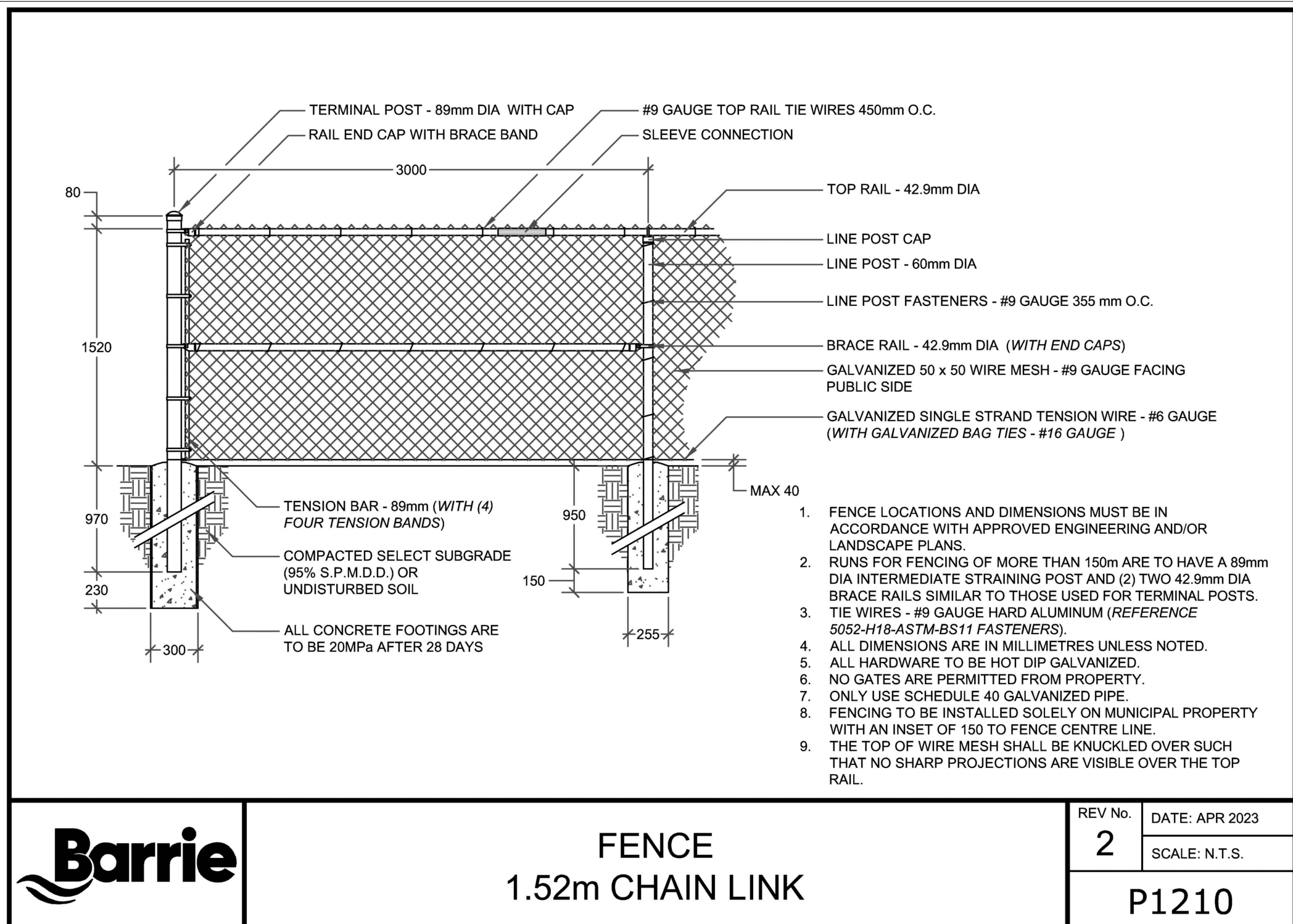
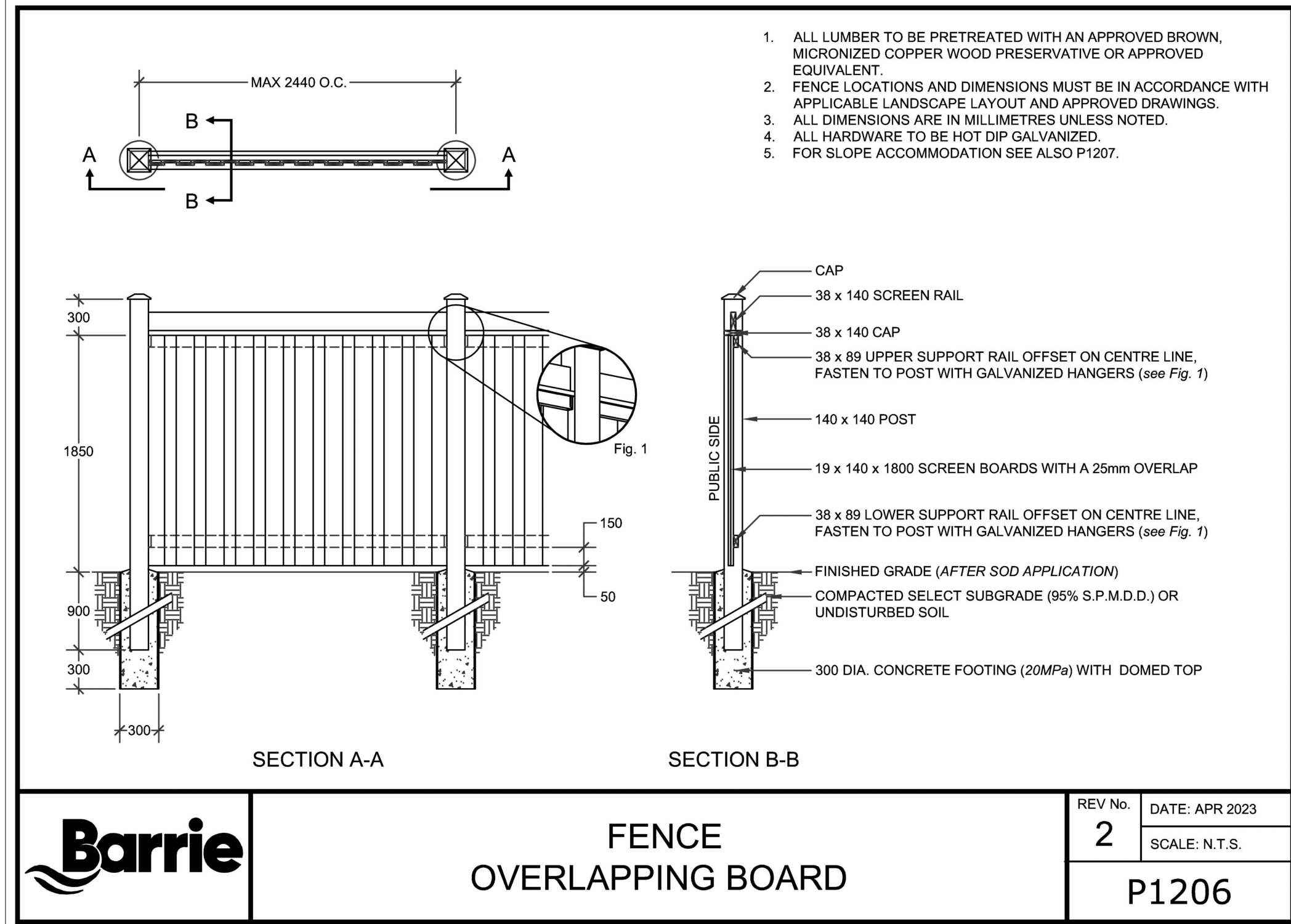
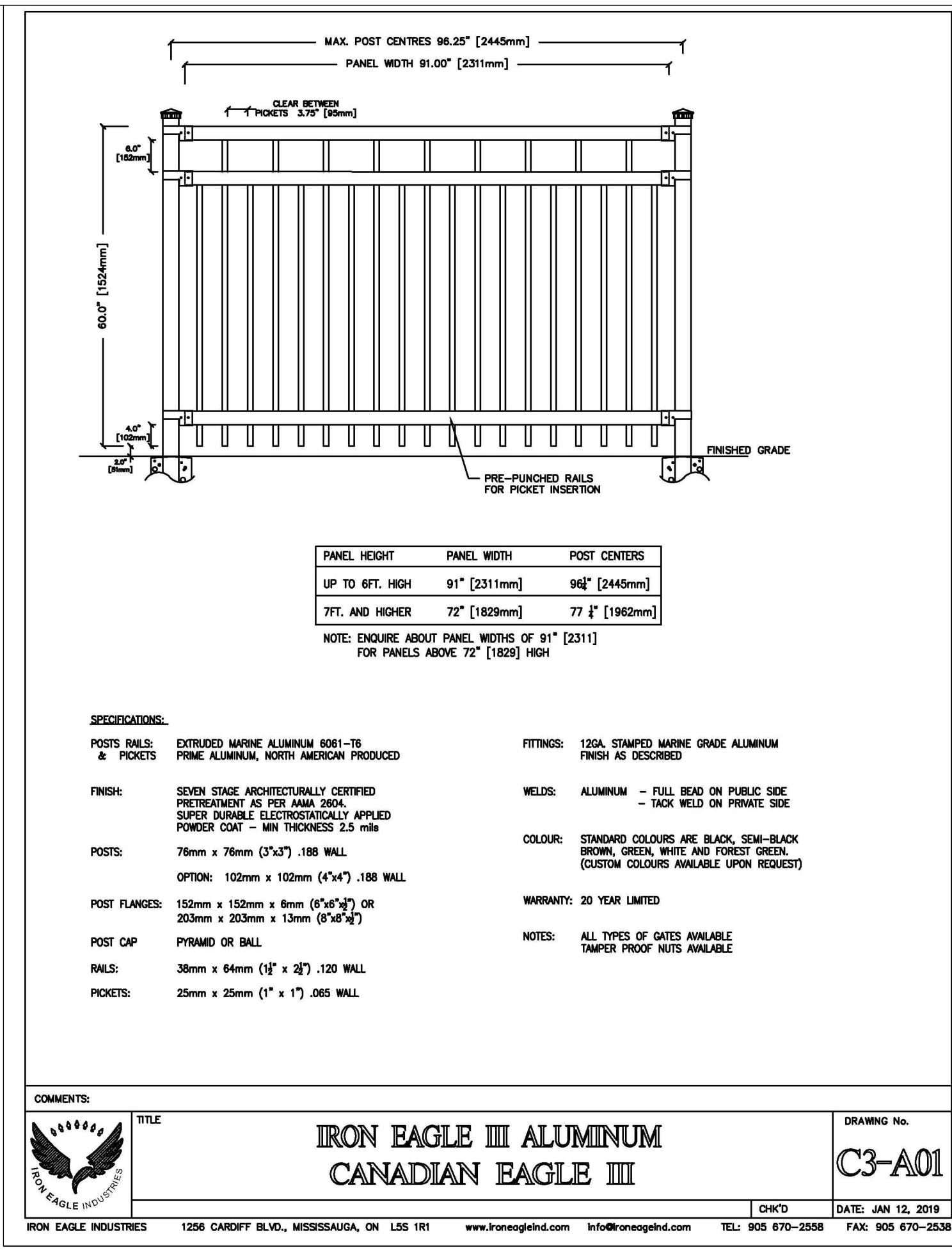
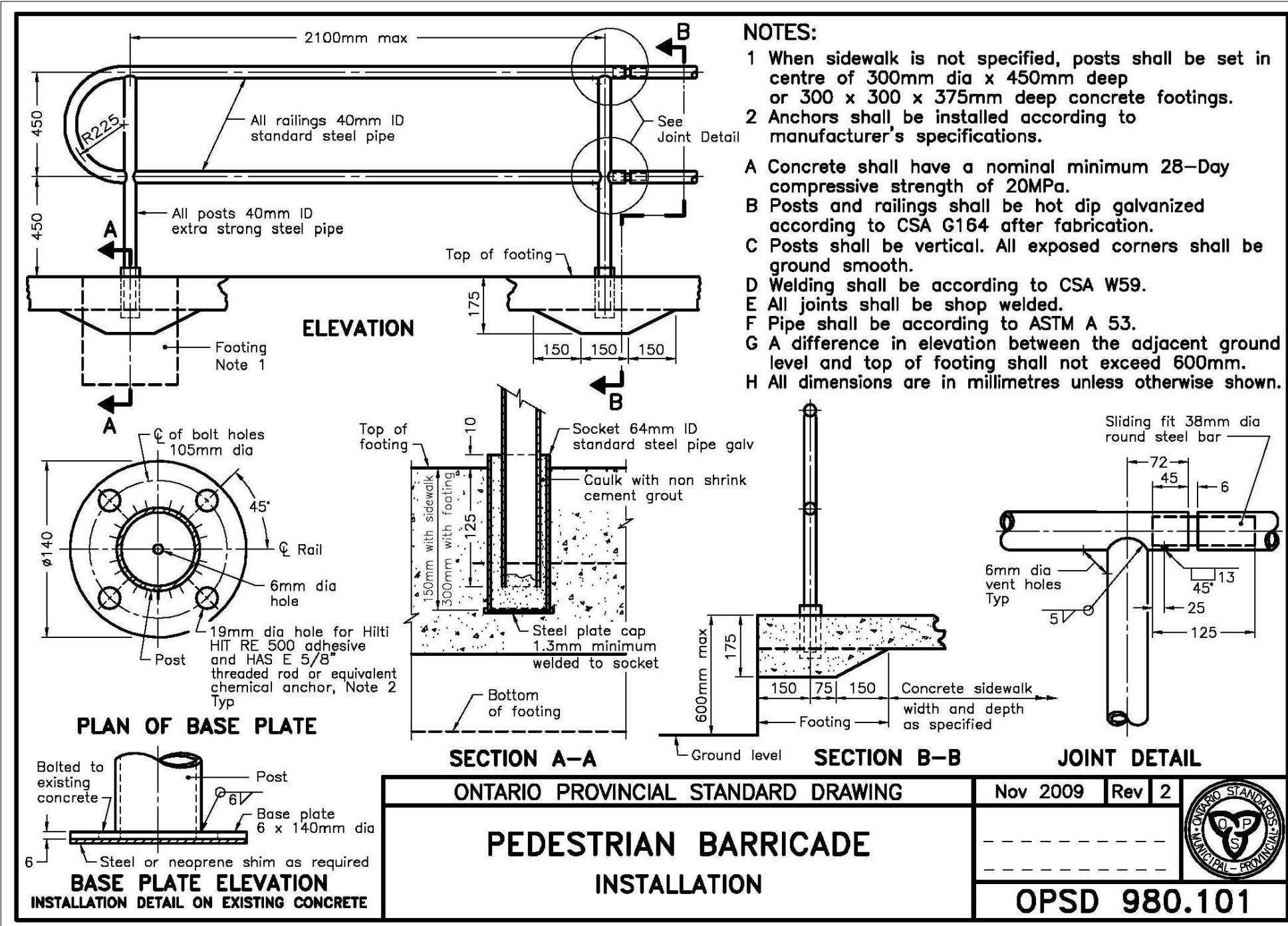
TERRASEEDING APPLICATION SPECIFICATIONS

ECOBANKET OR TERRASEEDING TACTIFIER / FLEXGUARD HYDROMULCH SHALL BE APPLIED AS PER MANUFACTURER SPECIFICATIONS. SEE NOTES ON THIS PAGE.

TOP SOIL:

TOPSOIL SHALL BE PROVIDED TO A MINIMUM DEPTH OF 0.45m FOR TERRESTRIAL AREAS EXCEPT THE ACCESS ROAD BASE (5cm) AND MINIMUM 0.35m FOR TEMPORARY UNDERWATER AREAS.
TOPSOIL QUALITY SHALL BE AS PER OPSS.MUNI 802. IT SHALL BE TESTED BY AN INDEPENDENT LABORATORY PRIOR TO INSTALLATION.

SEEDING AND TOP SOIL NOTES



GENERAL NOTES

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SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	SUBMITTED TO THE CITY OF BARRIE	JUNE 26, 2024	ST

BASE INFORMATION PROVIDED BY:
The Iron Eagle Group Ltd.
229 Mapleview Drive East, Unit 1, Barrie, ON L4N 0R5
Phone (705) 724-2538 ext 204 Fax (705) 724-0026

BASE PLAN REVISED: APRIL 2024

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DATE: _____
PRINT NAME: _____ SIGNED OWNER/CLIENT: _____



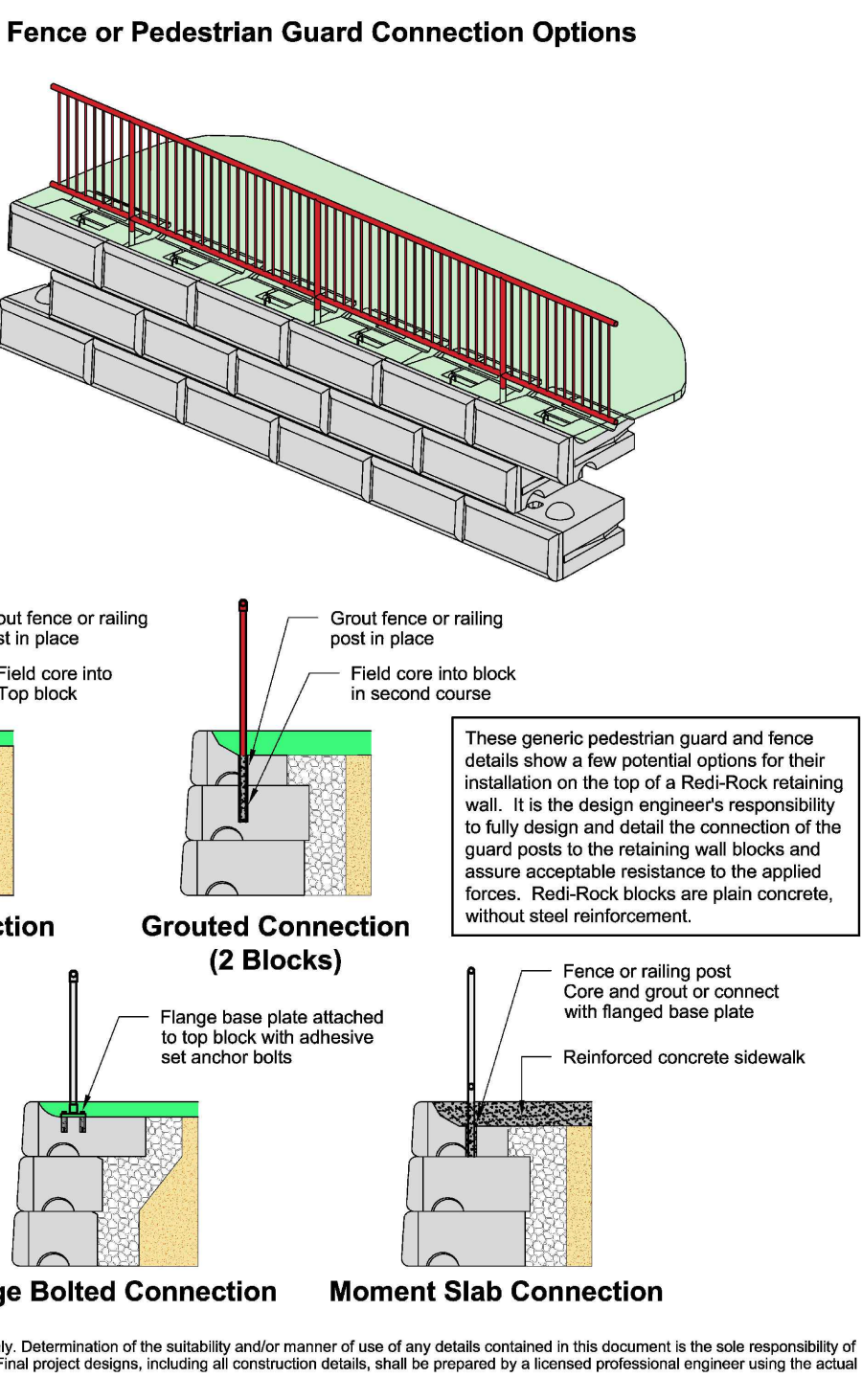
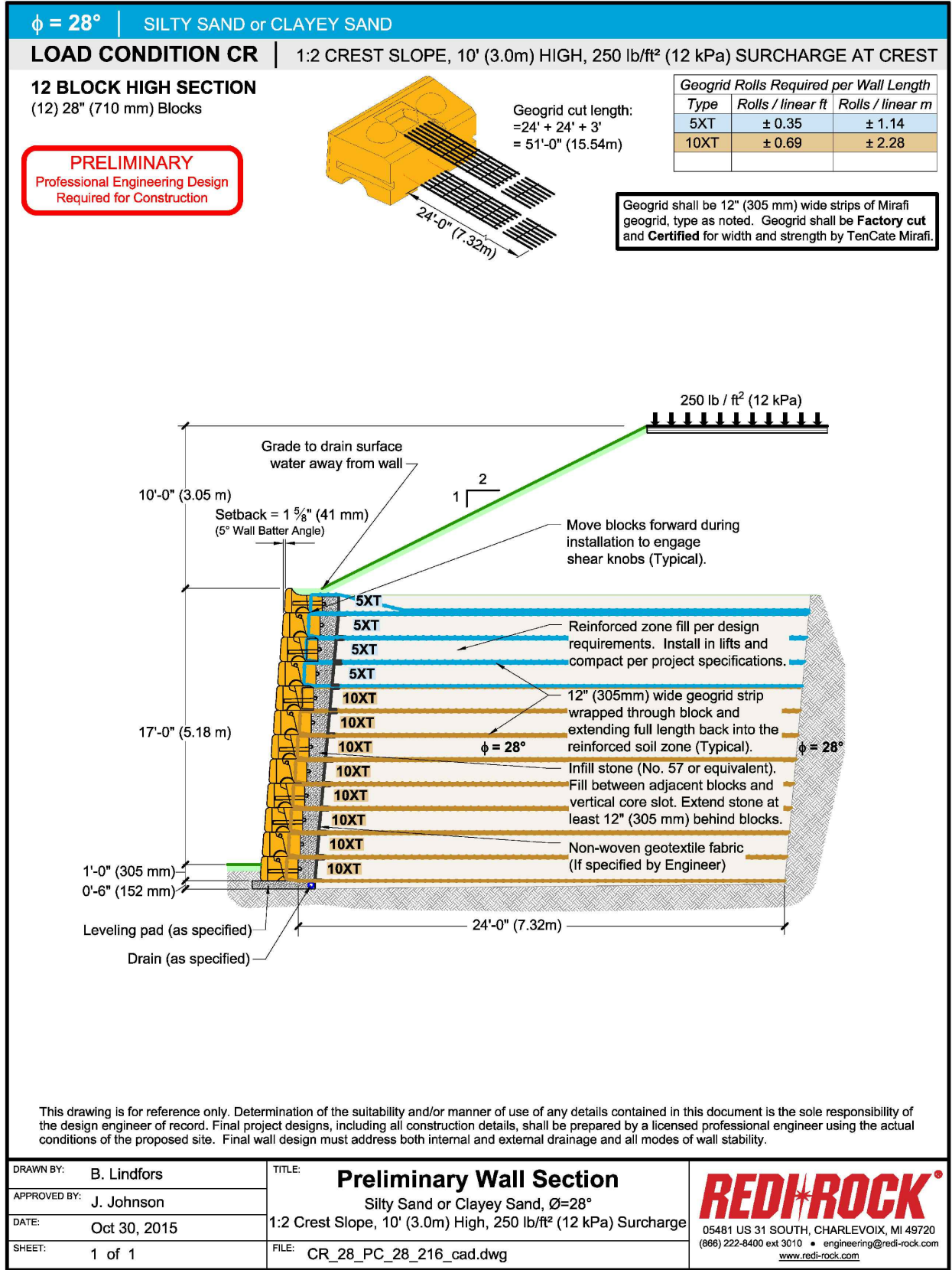
J.D.B. ASSOCIATES LTD.
Urban Designers
Landscape Architects
Arborealists
274 Burton Ave., Suite 1201
Barrie, Ontario
L4N 5W4
Fax: 705-722-5660
Tel: 705-722-6278

MAPLEVIEW SOUTH (INNISFIL) LTD.

953 Mapleview Drive East

City of Barrie

FENCING AND SEEDING DETAILS			
SCALE: NTS	DATE: April 24, 2024	DESIGNED BY: ST	REVIEWED BY: NB
CITY FILE No. D28-012-2019	OUR FILE REF. # 3-19	DRAWN BY: ST	LD-2



MONTROY PLANTER
1219mm | W 1219mm | H 1219mm

FIBERGLASS PLANTER SPECIFICATIONS

N.T.S.

Provided by Greenville Planters or similar equal
1295 Kamato Road | Mississauga, ON L4W 2M2 | info@greenvilledesigns.com
T: 905-361-1368 | greenvilledesigns.com

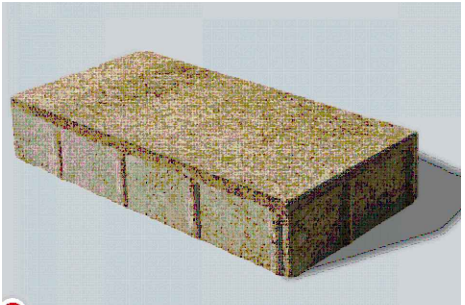


FIBERGLASS PLANTER SPECIFICATIONS

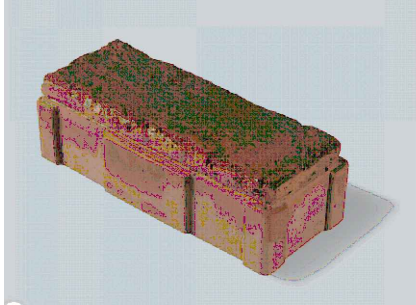
N.T.S.

WANNSEE PLANTER
D:1270 x H:1118
by Greenville Planters or similar equal
1295 Kamato Road | Mississauga, ON L4W 2M2 |
info@greenvilledesigns.com
T: 905-361-1368 | greenvilledesigns.com

CONCRETE PATIO PAVERS

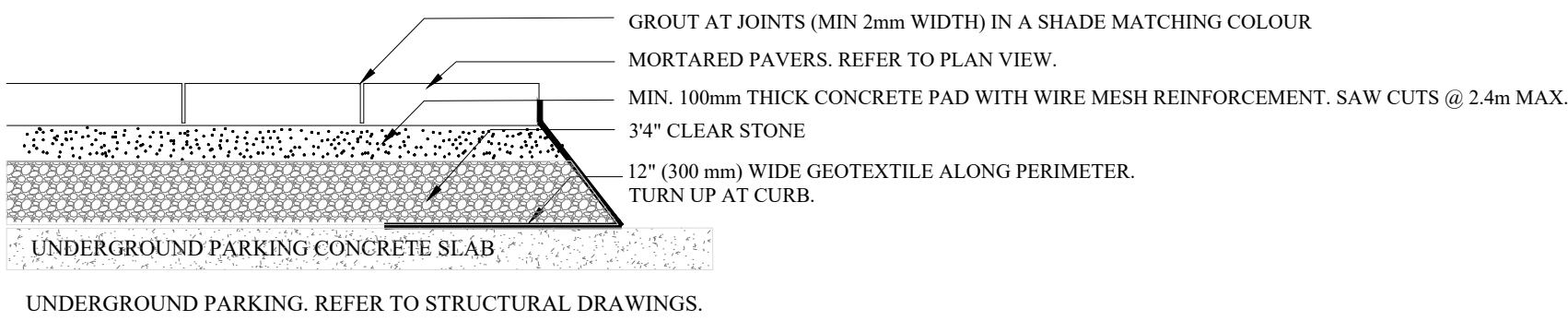


INLAY: UMBRIANO, SUMMER HEAT



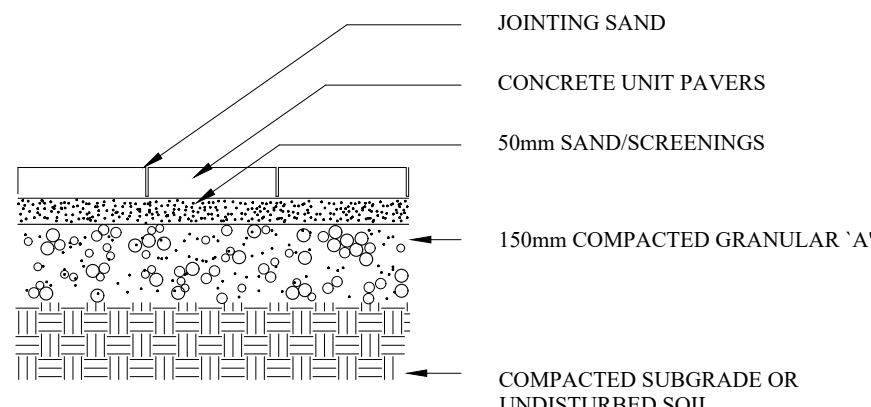
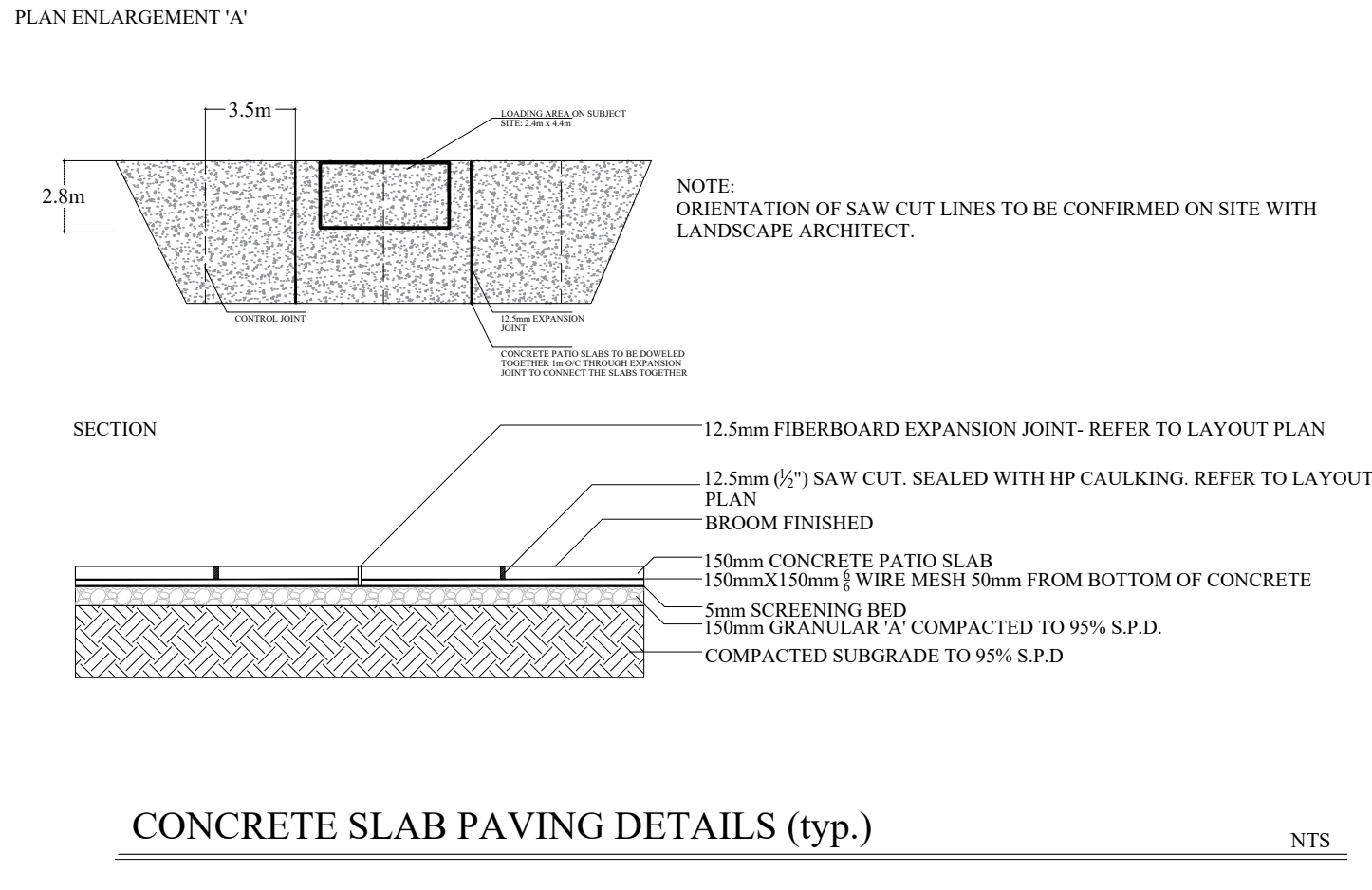
SOLDIER COURSE AND BANDING: TOWN HALL, OLD OAK

NOTE:
SHOP DRAWING TO BE PROVIDED TO THE LANDSCAPE ARCHITECT BEFORE INSTALLATION FOR ALL DETAILS.
SAMPLES OF PAVING MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT



PAVING DETAILS ABOVE UNDERGROUND PARKING (typ.)

NTS



NOTES:
ALL PAVING STONE AREAS ARE TO BE EDGED WITH A SINGLE SOLDIER COURSE.
CONCRETE UNIT PAVERS ARE TO BE SET 6mm HIGHER THAN ABUTTING SURFACES TO ALLOW FOR SETTLING.
ALL PAVING STONE IS TO BE INSTALLED AS PER MANUFACTURER INSTRUCTIONS.
ALL FINAL MATERIAL SELECTIONS AND COLOUR CHOICES ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION OF ANY UNIT PAVERS.

* Recommended for pedestrian access only

CONCRETE PAVING DETAILS (typ.)

NTS