

- Legend**
- SOD
  - CONCRETE PAVING
  - GRANULAR DRIP STRIP
  - UNIT PAVING

- GENERAL NOTES:**
1. DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS AUTHORIZED BY THE LANDSCAPE ARCHITECT
  2. CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK
  3. ALL UTILITY LOCATES ARE THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIG WITHIN THE LIMITS RECOMMENDED BY THE SERVICE UTILITY. UTILITY CONFLICTS WITH PROPOSED TREE LOCATIONS MUST BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT
  4. BASE DRAWING PROVIDED BY JAMES FRYETT ARCHITECT INC.
  5. LANDSCAPE DRAWINGS SHOW ENGINEERING INFORMATION FOR DESIGN PURPOSES ONLY. DO NOT CONSTRUCT ENGINEERING WORKS FROM THESE DRAWINGS.

## LANDSCAPE PLAN

NEW AMHERST 6 PLEX - BLOCK 123  
NEW AMHERST, COBOURG, ON

ISSUED FOR SITE PLAN APPROVAL, NOT FOR CONSTRUCTION.



DATE	ISSUE	BY
Oct 16, 2019	Issued for Review	MZ
Jan 16, 2020	Issued for SPA	JH
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DATE	REVISIONS	BY

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Date: October 8, 2019      Drawn By: JH  
Scale: 1:100m      Project No.: 3063

### PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
AR	2	Acer rubrum 'Autumn Spire'	Autumn Spire Maple	60mm Cal.	W.B.
ASL	4	Acer saccharum 'Legacy'	Legacy Sugar Maple	60mm Cal.	W.B.
AGP	4	Amelanchier x grandiflora 'Princess Diana' Multi Stem	Princess Diana Serviceberry - Multi Stem	150cm Ht.	W.B.
LTE	2	Liriodendron tulipifera 'Emerald City' TM	Emerald City Tulip Tree	60mm Cal.	W.B.
MS	2	Magnolia x soulangeana - Multi Stem	Saucer Magnolia Multi-Stem	150cm Ht.	W.B.

CONIFEROUS SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
JsBF	13	Juniperus sabina 'Blue Forest'	Blue Forest Juniper	50cm, 3 gal.		1m

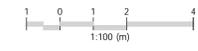
DECIDUOUS SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
Eac	2	Euonymus alatus 'Compactus'	Compact Burning Bush	60cm, 3 gal.		1.80m
Hq	8	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea	3 gal.		1m
Hpr	16	Hypericum prolificum	Broombrush	60cm, 3 gal.		1m
SyP	14	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	60cm, 3 gal.		1.20m

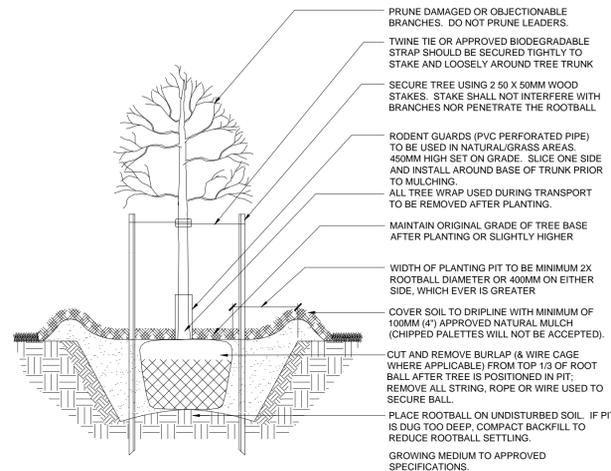
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
caK	37	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	1 gal.		0.70m
hse	72	Helictotrichon sempervirens	Blue Oat Grass	1 gal.		0.50m

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING
epM	60	Echinacea purpurea 'Merlot'	Merlot Coneflower	1 gal.		450mm
hPD	18	Hemerocallis x 'Purple D'oro'	Purple D oro Daylily	1 gal.		450mm
hbs	70	Heuchera x 'Berry Smoothie'	Berry Smoothie Coral Bells	1 gal.		450mm
vs	43	Veronica x 'Sunny Border Blue'	Sunny Border Blue Veronica	1 gal.		450mm

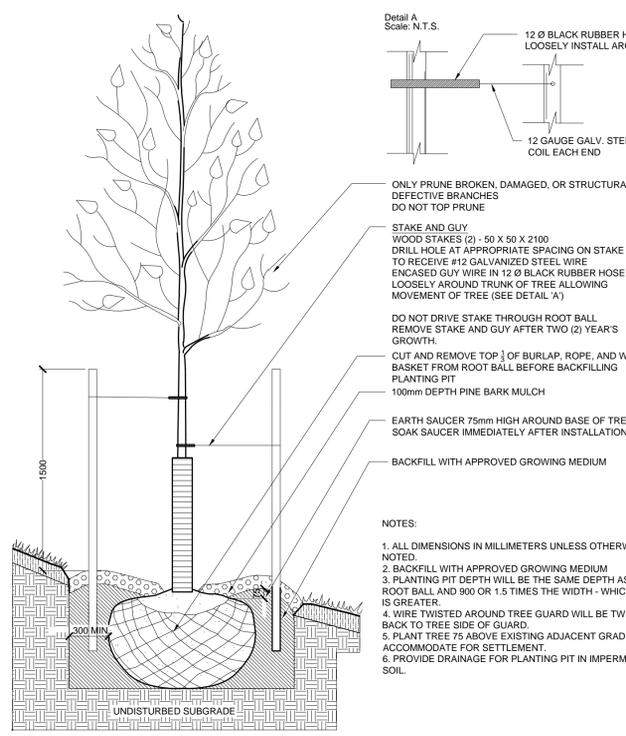


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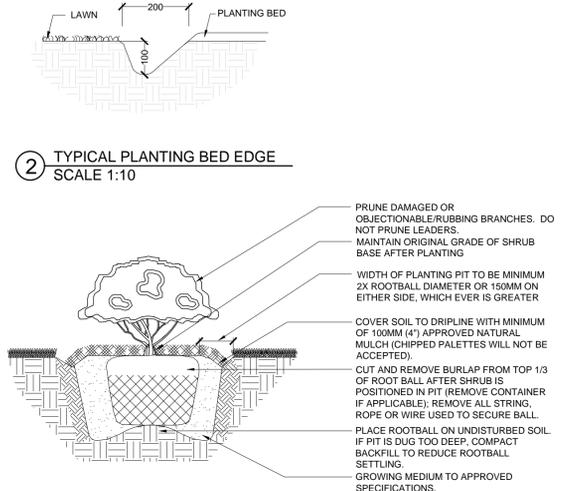


- NOTES**
- GROWING MEDIUM MIX: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0)
  - PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT TIME OF PLANTING.
  - PLANT MATERIAL SHALL BE SET PLUMB IN THE MIDDLE OF THE PIT.
  - TREE SHALL BEAR SAME RELATION OR SLIGHTLY HIGHER TO FINISHED GRADE AS ORIGINALLY GROWN
  - PLANT STOCK MOVED WHILE IN LEAF SHALL BE COVERED WHILE IN TRANSIT. ROOTS SHOULD BE KEPT MOIST UNTIL PLANTED. TREES IN LEAF TO BE TREATED WITH ANTI-DESICANT.
  - DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
  - STAKING IS TO OCCUR ONLY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
  - 100MM HIGH SAUCER EXCEPT WHEN PLANTING IN BED.

**1 DECIDUOUS TREE PLANTING B.B/W.B - UP TO 80mm CALIPER**  
 N.T.S.

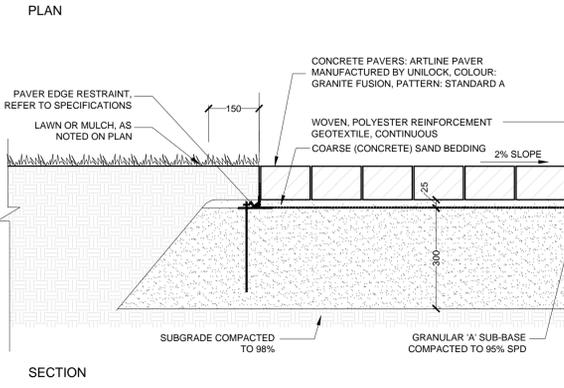
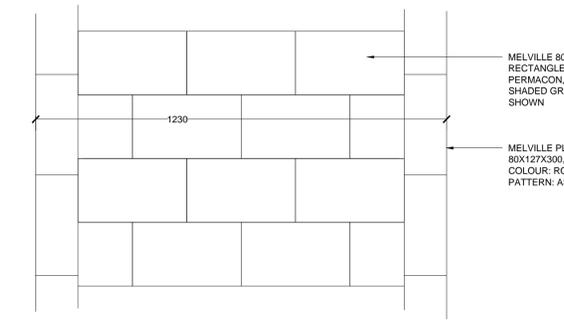


**4 Deciduous Tree Planting On A Slope**  
 N.T.S.

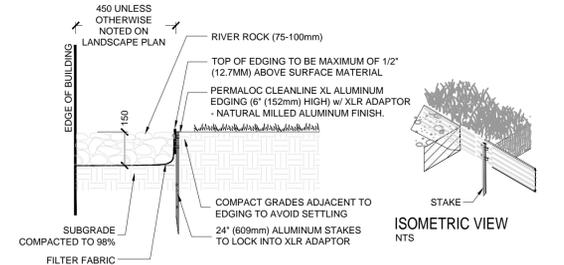


- NOTES**
- GROWING MEDIUM MIXTURE: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0).
  - PLANTING BED SHALL BE THOROUGHLY WATERED IMMEDIATELY AFTER PLANTING & PRIOR TO MULCHING.
  - FOR POTTED SHRUBS, SATURATE CONTAINER/ ROOTS/ SOIL PRIOR TO REMOVAL OF CONTAINER BEFORE PLANTING.
  - SHRUBS ARE TO BE SPACED AS DIRECTED.
  - ALL DIMENSIONS ARE IN MILLIMETERS.

**3 B&B/CONTAINER STOCK SHRUB PLANTING**  
 N.T.S.



**5 UNIT PAVER WITH EDGER**  
 Scale 1:10



- NOTES:**
- INSTALL PER MANUFACTURER'S 'INSTALLATION GUIDELINES'
  - 8'-0" (2.44 M) SECTIONS TO INCLUDE (3) 18" (457 MM) ALUMINUM STAKES AND (3) XLR ADAPTORS.
  - 16'-0" (4.88 M) SECTIONS TO INCLUDE (5) 18" (457 MM) ALUMINUM STAKES AND (3) XLR ADAPTORS.
  - CORNERS - CUT BASE EDGING UP HALFWAY AND FORM A CONTINUOUS CORNER.
  - PERMALOC CLEANLINE XL AS MANUFACTURED BY PERMALOC CORPORATION, HOLLAND MI. (800) 356-9660, (616) 399-9600
  - CONTRACTOR'S NOTE: FOR PRODUCT AND PURCHASING INFORMATION VISIT: WWW.PERMALOC.COM

**6 DRIP STRIP AT BUILDING**  
 Scale 1:15

- GROWING MEDIUM NOTES:**
- 1.0 GROWING MEDIUM TESTING:**
- GROWING MEDIUMS (TOPSOIL, PLANTING MIXES) AND ORGANIC AMENDMENTS MUST BE TESTED BY AN OMAFRA ACCREDITED AGENCY AND APPROVED PRIOR TO USE. TEST TOPSOIL FOR P, K, Ca AND Mg, MINOR ELEMENT VALUES, SOLUBLE SALT CONTENT, ORGANIC MATTER, TEXTURE AND PH VALUE APPROPRIATE FOR THE ESTABLISHMENT AND GROWTH OF ORNAMENTAL NURSERY STOCK. SUBMIT TEST RESULTS AND ANALYSIS INCLUDING RECOMMENDATIONS FOR AMENDMENTS AND FERTILIZER TO THE CONSULTANT.
- 2.0 TOPSOIL:**
- TOPSOIL SHALL BE FERTILE, FRIABLE, TOPSOIL, FREE OF: FRAGMENTS LARGER THAN 75MM IN SIZE; STONES OVER 30MM IN DIAMETER; DEBRIS; PLANTS OR THEIR ROOTS; STICKS; NOXIOUS SEED PLANTS; STOLONS; SEEDS; SALTS; SOIL STERILANTS; CHEMICAL CONTAMINANTS; OR OTHER MATERIALS DETRIMENTAL TO PLANT GROWTH.
  - FERTILIZER AND AMENDMENTS: MUST BE MADE AS PER SOIL TESTING AGENCY RECOMMENDATIONS.
  - ALL TOPSOIL FOR THE INTENSIVE USE LAWN AREAS SHALL BE SANDY LOAM CLASS ONLY.
  - TOPSOIL: SHALL NOT BE MOVED, DELIVERED OR WORKED ON WHILE IN A FROZEN STATE OR CONDITION.
- 3.0 GROWING MEDIUM - PLANTING MIXES:**
- PLANTING MIX: (WHERE SPECIFIED) SHALL BE THOROUGHLY COMBINED PRIOR TO PLACEMENT IN PLANTING BED AREAS TO THE FOLLOWING PROPORTIONS: 4 PARTS APPROVED TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT MOSS AND AN APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0).
  - MIXES CONTAINING A SIGNIFICANT AMOUNT OF PEAT MOSS SHALL NOT BE PERMITTED TO DRY OUT. THE MOISTURE CONTENT OF THE PEAT MOSS AT THE TIME OF MIXING SHALL BE NOT LESS THAN 60% TO 75%.
- 4.0 FERTILIZER AND AMENDMENTS:**
- ORGANIC SOIL ADDITIVE: 'GRO-BARK' FINE COMPOSTED PINE MULCH OR AN APPROVED ALTERNATIVE.
  - FERTILIZER: COMPLETE COMMERCIAL FERTILIZER WITH 50% OF THE ELEMENTS DERIVED FROM ORGANIC SOURCES.
  - PEAT MOSS: DECOMPOSED PLANT MATERIAL, FAIRLY ELASTIC AND HOMOGENOUS, FREE OF DECOMPOSED COLLOIDAL RESIDUE, WOOD, SULPHUR AND IRON AND OF BROWN COLOUR CONTAINING MINIMUM 60% ORGANIC MATTER BY WEIGHT, MOISTURE CONTENT NOT EXCEEDING 15% AND PH VALUE OF 3.4 - 5.5.
  - COMPOST AND MANURE: SHALL MEET THE STANDARDS FOUND IN THE INTERIM GUIDELINES FOR THE PRODUCTION AND USE OF AEROBIC COMPOST IN ONTARIO PUBLISHED BY THE ONTARIO MINISTRY OF ENVIRONMENT AND ENERGY (MOEE), AND SHALL BE VIRTUALLY FREE FROM ALL VIABLE WEED SEEDS, OR OTHER PLANT REPRODUCTIVE PARTS, PATHOGENS, CHEMICALS OR TOXIC CONTAMINANTS. MANURE SHALL BE WELL ROTTED, UNBLEACHED CATTLE MANURE, FREE FROM HARMFUL CHEMICALS AND OTHER INJURIOUS SUBSTANCES. AT LEAST EIGHT MONTHS OLD, BUT NOT MORE THAN TWO YEARS OLD AND WITH NO MORE THAN 25% STRAW, LEAVES OR OTHER MATERIALS. PHYSICAL CONTAMINANTS SUCH AS ROCK, PLASTIC, METAL OR GLASS SHALL BE LESS THAN 0.5%. TOTAL CARBON TO NITROGEN RATIO IN THE RESULTING GROWING MEDIUM SHALL NOT EXCEED 30:1.
  - LIME: LIMESTONE CONTAINING NOT LESS THAN 8% OF CALCIUM AND MAGNESIUM CARBONATES COMBINED, FINELY GROUND TO PASS A 10 MESH SIEVE WITH AT LEAST ONE HALF PASSING A 100 MESH SIEVE. RATE OF APPLICATION SHALL BE DETERMINED AFTER THE PH OF THE TOPSOIL.
  - BONEMEAL: RAW, FINELY GROUND WITH A MINIMUM ANALYSIS OF 4% NITROGEN AND 20% PHOSPHORIC ACID.
  - SAND: SHARP, CLEAN SAND, TO OPSS 1002-3.

- PLANTING NOTES:**
- ALL PLANT MATERIAL SHALL BE NO.1 NURSERY GROWN, MEETING SPECIFICATIONS FOR SIZE, HEIGHT, SPREAD, GRADING, QUALITY, METHOD OF CULTIVATION, AND BAILING AND BURLAP SPECIFICATIONS AS SET OUT IN THE 8TH EDITION 2006 GUIDE SPECIFICATION FOR NURSERY STOCK PREPARED BY THE CNLA.
  - NO SUBSTITUTIONS IN SPECIES, CULTIVAR, QUANTITY, SIZE OR CONDITION WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANT. ANY UNAPPROVED SUBSTITUTED MATERIAL WILL BE REQUIRED TO BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR.
  - ANY INCONSISTENCIES FOUND IN THE QUANTITIES AS SHOWN ON THE PLAN AND THE PLANT LIST SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT.
  - LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. LAYOUT, PLANT STAKE-OUT AND DELIVERED PLANT MATERIAL SHALL BE APPROVED BY THE CONSULTANT PRIOR TO INSTALLATION.
  - NATIVE OR IMPORTED TOPSOIL SHALL BE TESTED AS SPECIFIED AND APPROVED BY THE CONSULTANT PRIOR TO ADDING ANY AMENDMENTS AND PLACEMENT. PLANTING MIX, WHERE INDICATED, SHALL FOLLOW THE MIX SPECIFICATIONS.
  - PROVIDE 400MM MINIMUM DEPTH OF APPROVED TOPSOIL OR PLANTING MIX IN ALL BEDS, UNLESS OTHERWISE NOTED. ALL BEDS SHALL BE MULCHED WITH APPROVED MULCH TO A MINIMUM DEPTH OF 75MM, UNLESS OTHERWISE NOTED. DEPTHS SHALL BE THOSE ACHIEVED UNDER LIGHT COMPACTION. AREAS TO BE SODDED OR SEEDED SHALL BE PROVIDED WITH 150 MM OF APPROVED TOPSOIL, COMPACTED TO 85% SPD.
  - NO BARE-ROOT PLANTING SHALL BE PERMITTED BETWEEN MAY 15 AND OCTOBER 15.
  - PLANT MATERIAL SHALL BE THOROUGHLY WATERED AT THE TIME OF PLANTING.
  - THOSE AREAS NOT SPECIFICALLY IDENTIFIED FOR PLANTING, OR OTHERWISE NOTED, SHALL BE SODDED. SODDING SHALL BE MAINTAINED AND WARRANTED UNTIL FIRST CUT. SEEDING SHALL BE MAINTAINED AND WARRANTED UNTIL OCTOBER 1 FOR SPRING SEEDING AND JUNE 1 FOR FALL SEEDING.
  - ALL TREES AND SHRUBS SHALL BE UNDER WARRANTY FOR A PERIOD OF 24 MONTHS COMMENCING ON THE DATE OF ACCEPTANCE.
  - THE CONTRACTOR SHALL PROVIDE MAINTENANCE IMMEDIATELY AFTER THE PLANTS ARE INSTALLED AND CONTINUE THROUGHOUT THE ENTIRE WARRANTY PERIOD. MAINTENANCE REQUIREMENTS SHALL INCLUDE ALL PROCEDURES CONSISTENT WITH PROPER HORTICULTURAL PRACTICES TO ENSURE NORMAL, VIGOROUS, AND HEALTHY GROWTH OF ALL MATERIAL PLANTED. ALL STAKES, WIRE, HOSE, AND OTHER ACCESSORIES MUST BE REMOVED PRIOR TO FINAL WARRANTY INSPECTION.
  - ALL PLANT MATERIAL USED AS REPLACEMENTS FOR UNACCEPTABLE MATERIAL SHALL BE OF THE SAME QUALITY AND REQUIREMENTS PRESCRIBED FOR THE ORIGINAL MATERIAL. REPLACEMENTS SHALL BE MADE ONCE UNDER THE WARRANTY.

**DETAILS**  
 NEW AMHERST 6 PLEX - BLOCK 123  
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Date: October 8, 2019  
 Scale: As Noted

Drawn By: JH  
 Project No.: 3083

**L2.0**