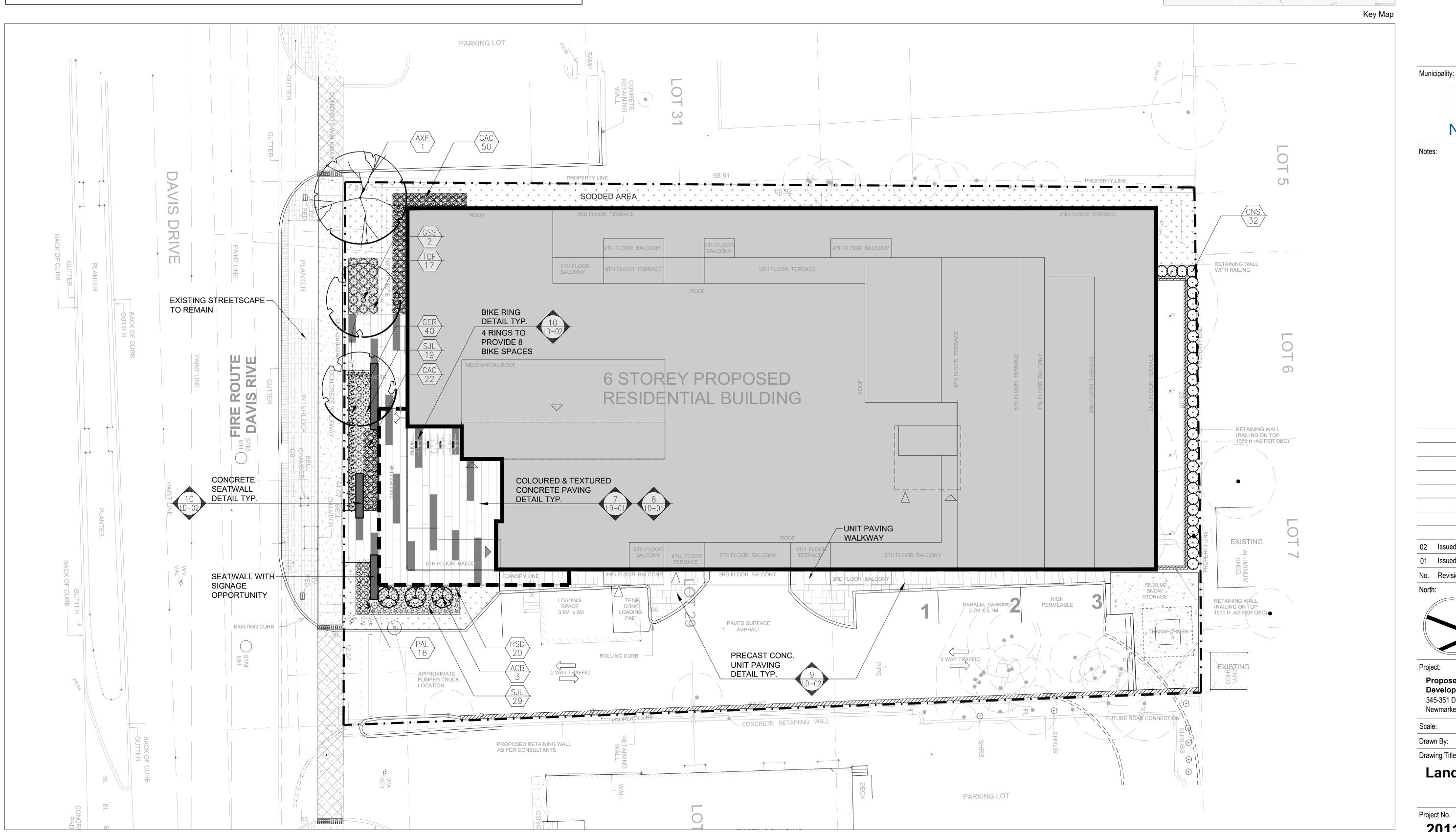
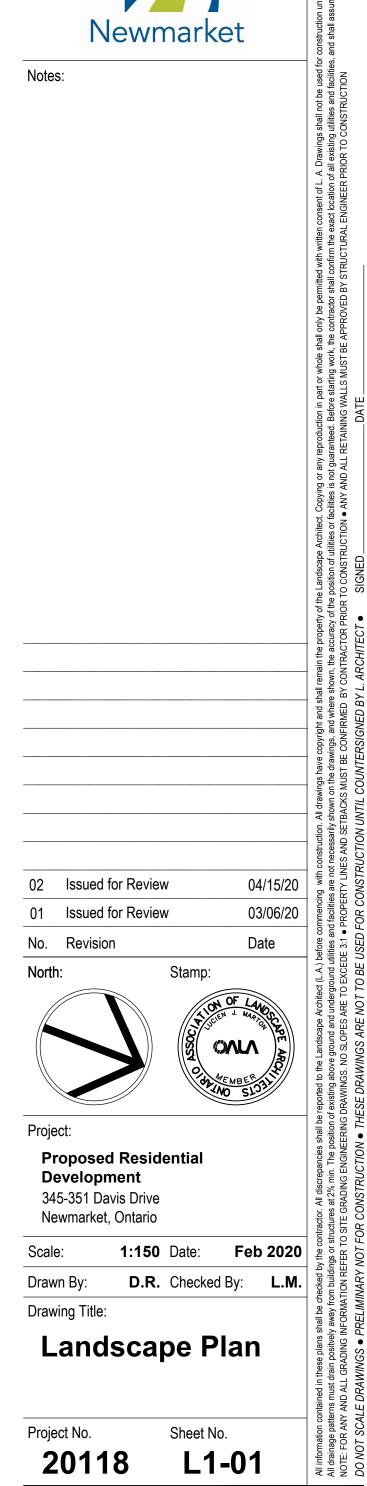




Client/Owner:





LANDSCAPE SPECIFICATIONS

CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING. ROUGH GRADING

ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 95% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.

FINE GRADING

FINE GRADE ALL AREAS TO FINISHED GRADES AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 33 1/3% (3:1). SPREADING OF TOPSOIL

SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED TO CREATE A FIRM AND EVEN SURFACE.

USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 100MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOD SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.

MINERAL FERTILIZER

APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:

1. SODDED AREAS - 11% NITROGEN, 8% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER M2 (10 LBS OVER 1000 SQ.

2. PLANTING BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (4 OZ.) FOR EVERY BUSHEL OF

PREPARATION OF PLANTING BEDS

ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS MIN 450mm(18") RACKEILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND LOAM, ONE (1) PART OF FINELY PULVERIZED PEAT MOSS, TWO (2) PARTS OF WELL-ROTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD .58 KILOS BONEMEAL/CUBIC METER OF PLANTING SOIL (1 LB./CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.

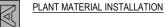
NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE.

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, S/B OR B/B, UNLESS OTHERWISE NOTED. BARE ROOT PLANTING SHALL BE ACCEPTABLE FOR CERTAIN SPECIES DURING EARLY SPRING OR LATE FALL PLANTING SEASON. CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

LANDSCAPE SPECIFICATIONS

SCALE: N.T.S. DATE:



ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLANTED AS DETAILED & AS SHOWN ON THE PLANTING PLAN. ALL BEDS TO RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 75mm(3"). FOR GUYING AND STAKING TREES, REFER TO PLANTING DETAILS. WRAP ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISION ONLY TO THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION.

PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS INDICATED ON THE LANDSCAPE DRAWING.

THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED ON THE PLANTING PLAN SUPERSEDES THE ESTIMATED QUANTITY ON THE MASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FULL RESPONSIBILITY IF LANDSCAPE ARCHITECT IS NOT NOTIFIED OF DISCREPANCIES.

* MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO APPROVE MULCH BEFORE INSTALLATION.

GENERAL MAINTENANCE

PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY ADMINISTERED FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK, IN ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATIONS (SECTION 1E - MAINTENANCE WORK). THIS SHALL APPLY ONLY DURING THE CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SOD AND PLANTING UNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.

RODENT PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FOR WINTER PROTECTION AND FROM RODENT INJURY FOR THE DURATION OF GUARANTY PERIOD. PROTECTIVE GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES GUARDS TO BE 150MM DIA PVC PIPE OR AS MUNICIPAL GUIDELINES. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE MULCH AND SHOULD BE PLACED A MINIMUM OF 50MM (2") OUT FROM THE TREE TRUNK ON ALL SIDES.

ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

GENERAL REQUIREMENTS

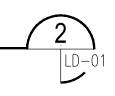
USE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION. THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND WITH THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADES ASSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME. SIZE AND GRADE AS SPECIFIED ON PLANTING PLAN; PROVIDE SUFFICIENT LABELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF EACH SPECIMEN OR BUNDLE.

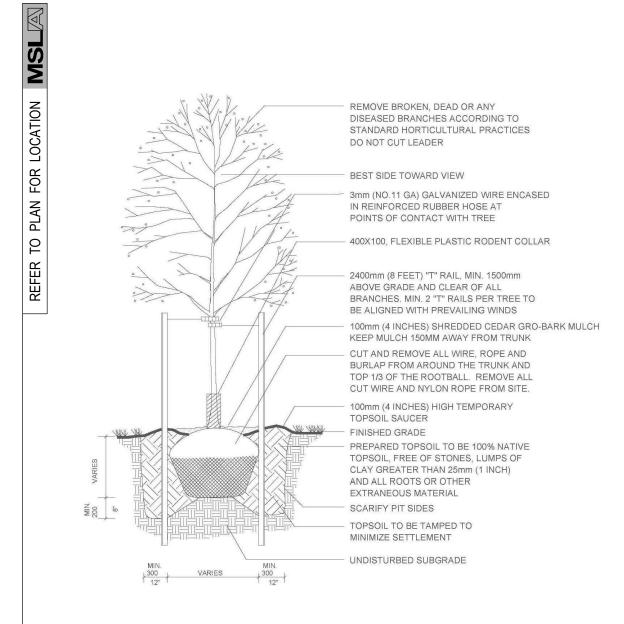
OBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY STOCK GROWN UNDER PROPER HORTICULTURAL PRACTICES, VIABLE, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCEMENT OF CONSTRUCTION, REPORT IN WRITING ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. THESE SPECIFICATIONS MAY BE SUPERCEDED BY ADDITIONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR TO REVIEW ALL DOCUMENTS.

PROVIDE ONE FULL YEAR GUARANTEE ON ALL LANDSCAPE WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. GUARANTEE PERIOD MAY BE EXTENDED TO TWO FULL YEARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH OWNER AND LANDSCAPE ARCHITECT.

PLANT MATERIAL INSTALLATION

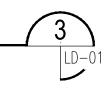
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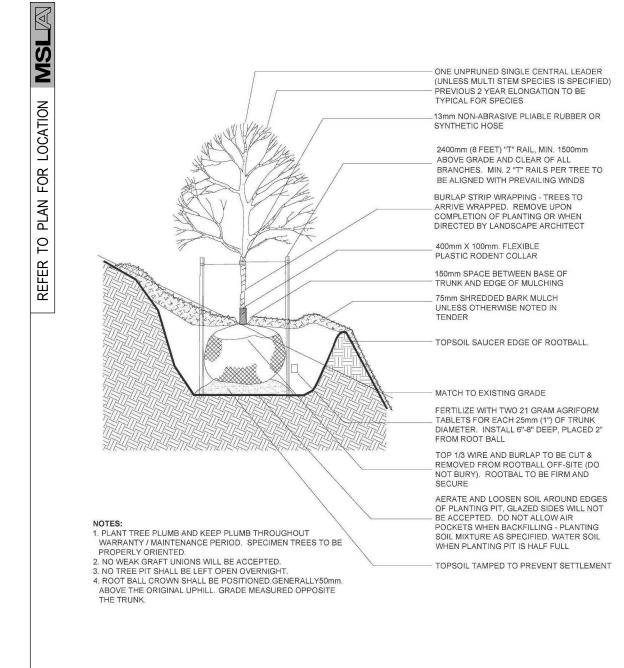




NEWMARKET DECIDUOUS TREE PLANTING DETAIL

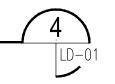
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NEWMARKET TREE PLANTING ON A SLOPE

SCALE: N.T.S. DATE:



REMOVE ANY BROKEN, DEAD, OR STANDARD HORTICULTURAL PRACTICES BEST SIDE TOWARD VIEW

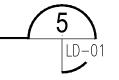
3mm (NO.11 GA) GALVANIZED WIRE ENCASED POINTS OF CONTACT WITH TREE 2400mm (8 FEET) "T" RAIL, MIN. 1500mm ABOVE GRADE AND CLEAR OF ALL BRANCHES, 2 "T" RAILS PER TREE TO BE ALIGNED WITH PREVAILING WINDS 100mm (4 INCHES) SHREDDED CEDAR GRO-BARK MULCH KEEP MULCH 150MM AWAY FROM TRUNK CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOTBALL. REMOVE ALL CUT WIRE AND NYLON ROPE FROM SITE. 100mm (4 INCHES) HIGH TEMPORARY TOPSOIL SAUCER FINISHED GRADE PREPARED TOPSOIL TO BE 100% NATIVE TOPSOIL, FREE OF STONES, LUMPS OF CLAY GREATER THAN 25mm (1 INCH) AND ALL ROOTS OR OTHER EXTRANEOUS MATERIAL SCARIFY PIT BOTTOM TO A DEPTH OF 50mm (2 INCHES) TOPSOIL TO BE TAMPED TO MINIMIZE SETTLEMENT UNDISTURBED SUBGRADE

1) SAUCER SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING 2) PLANT STOCK MOVED WHILE IN LEAF SHALL BE COVERED WHILE IN TRANSIT OR IN TEMPORARY STORAGE 3) PLANT TREE SO THAT NURSERY SOIL LINE MATCHES FINISHED GRADE AFTER SETTLING 4) TAMP TOPSOIL WHEN BACKFILLING TO REMOVE AIR POCKETS

5) REMOVE ALL NURSERY TAGS, METAL OR PLASTIC 6) IN HEAVY CLAY OR POORLY DRAINED SOIL, ALL WOODY PLANTS TO BE PLACED SO THAT THE ROOT COLLAR IS POSITIONED 75MM-100MM HIGHER THAN SURROUNDING GRADE

NEWMARKET CONIFEROUS TREE PLANTING DETAIL

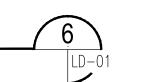
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WINTER PROTECTION: PRUNING: (To suit species) Shrubs to be wrapped with Prune to remove damaged or objectionable branches following burlap or approved equal during guaruntee period. proper horticultural practice. DO NOT PRUNE LEADERS. GUYING: As directed; appropriate to species and size of shrub MULCHING: 102 (4") shredded bark mulch be "All Treat" or equal. Provide 102 (4") saucer. CUT AND REMOVE: burlap from top $\frac{1}{3}$ of ball as shown. (B.B. as per FERTILIZER: Two (2) 21 gram Agriform tablets or approved equivalent for each shrub in bed. PLANTING SOIL MIXTURE: (Mix thoroughly) PREPARATION OF BED: Excavate shrub bed to A. For ideal situations mix: size outlined on drawings, minimum 457 (18") depth. 6 parts good quality topsoil Remove any subsoil or rubbish off site unless 2 parts well rotted cow manure otherwise directed. 1 part peat moss SPACING: As directed. B. For clay or wet situations: Contact consultants for proper soil mixture, before proceeding FOR RODENT CONTROL: See landscape with work specifications or apply "Skoot" at the end of October. C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil Note: All tree stakes, ties and guards are to be removed D. Soil mixture should be firmly compacted to eliminate air one year after installation by the landscape contractor. pockets and prevent settlement.

STANDARD SHRUB PLANTING DETAIL

SCALE: N.T.S. DATE:



PRODUCT: TEXTURED & COLOURED CONCRETE

4.1 TEXTURED CONCRETE PEDESTRIAN WALKWAYS PROFILE. .1 Pour 5in thick slabs of air-entrained (7% + 1%),4000 PSI, 21n slump concrete within wood or metal edge forms. 2 Compacted Base to be 6" deep Granular 'A' at 95% S.P.D. on undisturbed soil. Reinforce conc. with wire mesh 6 x 6 - WI.4/WI.4, lapped 6in between panels and with a min. of 2" of concrete to cover.

.5 Patterns and colours to be approved prior to construction, refer to layout plan. 4.2 TEXTURED CONCRETE HEAVY DUTY PROFILE FOR VEHICULAR ROADWAYS 1 Pour 6 in. thick slabs of air-entrained (7% + 1%), 4000 PSI, 2in slump concrete within wood or metal edge forms. .2 Compacted Base to be 6 in. deep Granular 'A' at 95% S.P.D. on a Sub-Base of 8 in. deep Granular 'B' at 95% S.P.D.

4 Screed slabs to provide drainage of min slope of 1/4in in 4ft unless indicated otherwise, refer to Engineer's Grading plan.

on undisturbed soil. .3 Reinforce conc. with: 3/8 inch diameter reinforcing bars at 24 inches on center each way with a min. of 2" of concrete to .4 Screed slabs to provide drainage of min slope of 1/4in in 4ft unless indicated otherwise, refer to Engineer's Grading plan. .5 Patterns and colours to be approved prior to construction, refer to layout plan.

4.3 SUBMITTALS 1. Provide sufficient samples 8'-0" sq. min. of TEXTURED CONCRETE specified to demonstrate the colour range and full pattern for each required pattern and colour. 2. Retain marked, approved samples on site for Consultants reference. 3. All colour and texture choices are at the discression of the Landscape Architect.

All work in this section shall be TEXTURED CONCRETE or equal as designated in the plans. The work shall include all labor, materials, equipment and transportation required to install TEXTURED CONCRETE.

A. Preparation work, including finish grading, setting forms and screeds, and furnishing and installing of reinforcing steel shall also be done by the Contractor. TEXTURED CONCRETE Contractor shall also:

I . Provide materials; rebar, concrete, color hardener, sealer. 2. Provide special patented forming tools. Place concrete. 4. Apply color hardener. (L.M. Scofield Company or approved equal) Apply release agent. 6. Apply patented forming tools 7. Apply sealer. (Penetrating sealer or approved equal)

appearance of imprinted concrete, for each required pattern and colour.

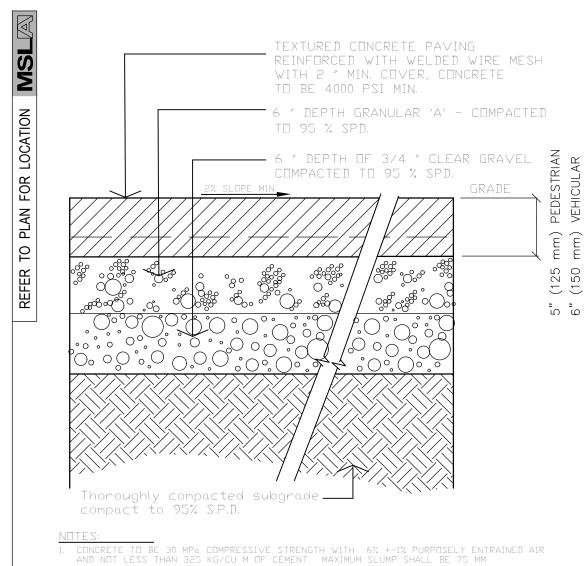
4.5 Quality Assurance All TEXTURED CONCRETE work shall comply with the currentindustry specifications and quality standards. The Contractor to be qualified for this work shall provide samples of simailar workmanship of completed projects within the past five years to meet the approval of the Landscape Architect. The TEXTURED CONCRETE Contractor shall construct a field sample according to specifications to illustrate finished

8. Perform final cleanup

A. Concrete Mix Design: The concrete shall have a minimum compressive strength of 4000 PSI. Portland cement shall conform to ASTM C150, Type 1, 11, or V, depending on soil conditions. Aggregates shall comply to ASTM C33. Mixing water shall be fresh, clean and potable. An air-entraining agent complying is ASTM C260 shall be used to achieve an entrained air content for the concrete mix used in accordance with the published recommendations of the Portland Cement Association and the American Concrete Institute (for freeze thaw climates) and/or a normal-set or retard-set water reducing mixture complying with ASTM C494 may be used. Absolutely nothing containing calcium chloride is permitted in the mix. B. Reinforcing Steel: 3/8 inch diameter "green coated" reinforcing bars at 24 incheson center each way.

COLOUR AND TEXTURED CONCRETE SPECIFICATIONS

SCALE: N.T.S. DATE:



2. COLOUR AND TEXTURE TO BE APPROVED BY OWNER OR LANDSCAPE ARCHITECT - PROVIDE 1200 x 1200 AREA SAMPLE TO BE CONSTRUCTED ON SITE FOR FINAL APPROVAL 3. EXPANSION JOINTS SHALL BE LOCATED ADJACENT TO EXISTING STRUCTURES (BUILDINGS WALKS, HYDRANTS, ETC.)

4. PROVIDE CLEAN STRAIGHT EXPANSION JOINTS AT 20 FT. O.C. PROVIDE CLEAN STARIGHT CONTRACTION JOINTS AT 10 FT. O.C.

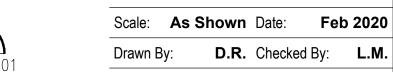
5. 2% MIN. AND NORMAL, SIDEWALK CROSSFALL GRADIENT IN EXCESS OF 4% SUBJECT TO APPROVAL OF THE GRADING ENGINEER. 6. ENSURE POSSITIVE DRAINAGE AWAY FROM ALL BUILDINGS STRUCTURES

COLOUR AND TEXTURED CONCRETE PAVING DETAIL

SCALE: N.T.S. DATE:







D.R. Checked By: **L.M.** Drawing Title:

Proposed Residential

Development

345-351 Davis Drive

Newmarket, Ontario

02 Issued for Review

01 Issued for Review

No. Revision

Project:

04/15/20

03/06/20

Date

MARTON SMITH LANDSCAPE ARCHITECTS

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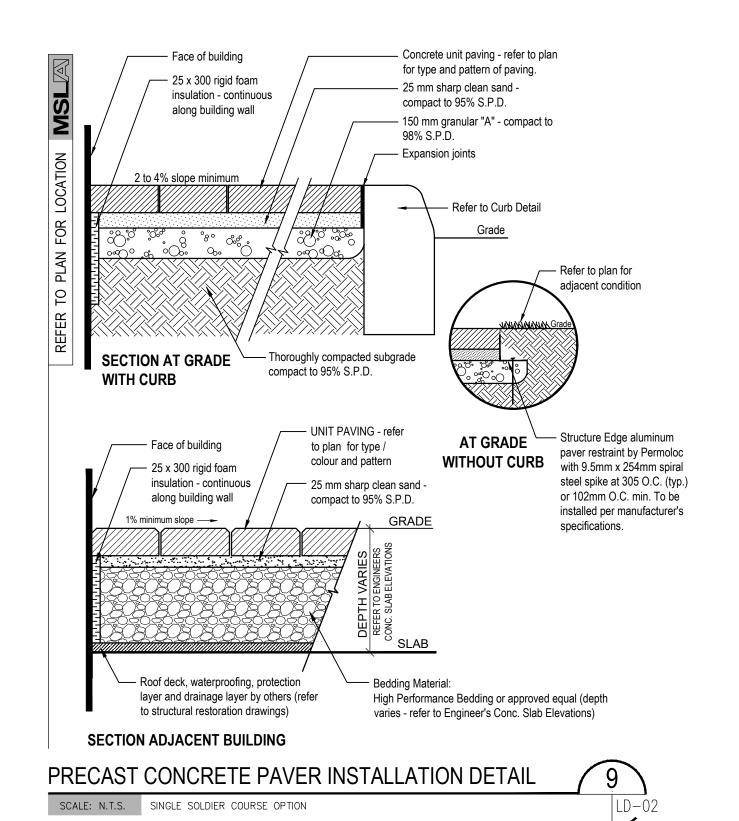
Architect:

Client/Owner:

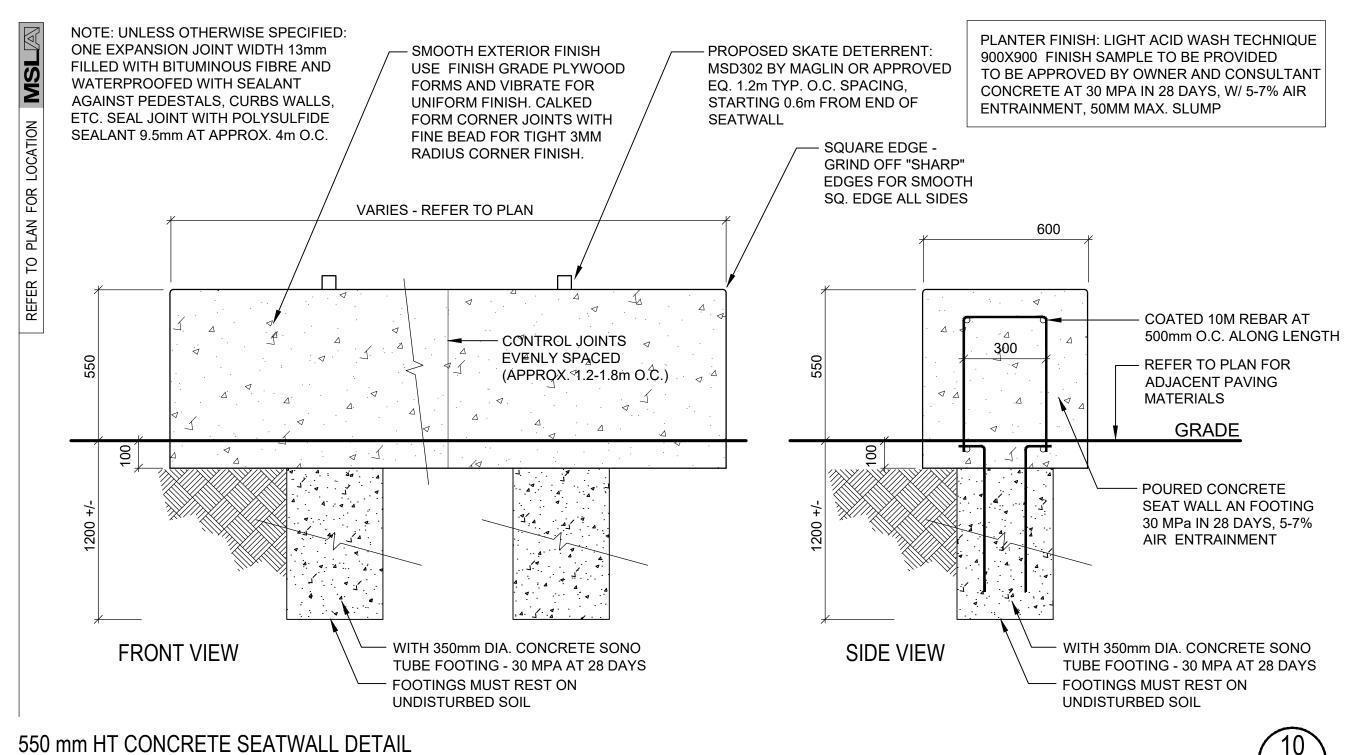
Municipality:

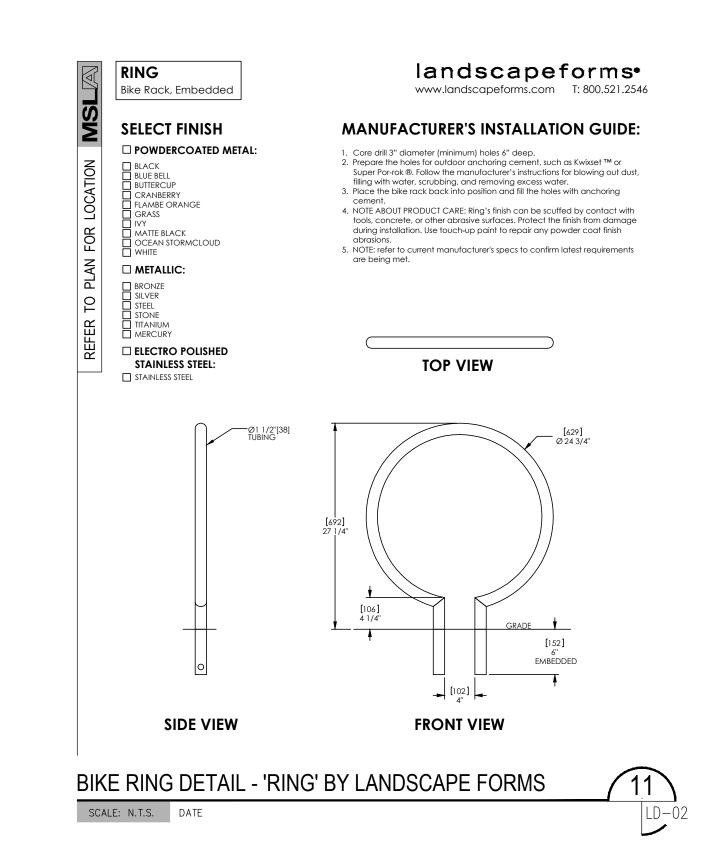
Notes:

Landscape Plan



SCALE: N.T.S. DATE:





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Architect:

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Client/Owner:

Municipality:

Notes:

02 Issued for Review 04/15/20 01 Issued for Review 03/06/20

Project:

Drawing Title:

No. Revision

Proposed Residential Development 345-351 Davis Drive

Newmarket, Ontario Scale: As Shown Date: Feb 2020

D.R. Checked By: **L.M.** Drawn By:

Landscape Plan

Project No. 20118 **LD-02**