

SPECIFICATIONS

GENERAL

THESE SPECIFICATIONS ARE TO BE READ IN CONJUNCTION WITH THE GENERAL CONDITIONS OF THE CONTRACT AS PREPARED BY AND AVAILABLE AT THE OFFICE OF ALEXANDER BUDREVICS & ASSOCIATES LIMITED LANDSCAPE ARCHITECTS.

PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL:

1. FAMILIARIZE THEMSELVES WITH THE PLANS, DETAILS AND SPECIFICATIONS OF THIS PROJECT;
2. VISIT THE SITE TO ASCERTAIN AND TAKE ACCOUNT OF THE EXISTING CONDITIONS AND ANY DEVIATIONS FROM THE PLANS IN WORK BY OTHERS; AND
3. FINALIZE ALL DESIGN ALTERNATIVES IN CONSULTATION WITH THE LANDSCAPE ARCHITECT.

PRIOR TO EXCAVATING THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES. IN THE EVENT OF A CONFLICT BETWEEN A PROPOSED TREE LOCATION AND AN UNDERGROUND SERVICE, THE EXACT LOCATION OF THE TREE SHALL BE DETERMINED ON SITE BY THE LANDSCAPE ARCHITECT.

THE CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, REPAIR ANY DAMAGE TO EXISTING UTILITIES STRUCTURES, FACILITIES, ETC. DONE IN THE PERFORMANCE OF THEIR WORK.

SOFT LANDSCAPING PLANT MATERIAL

ALL PLANTS SHALL BE INSTALLED TRUE TO SPECIFIED NAMES, SIZES, GRADES, ETC. AND SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION.

ALL PLANTS SHALL BE NURSERY GROWN IN A HARDINESS ZONE APPROPRIATE TO SITE CONDITIONS, AS PUBLISHED BY AGRICULTURE CANADA, ENTITLED "MAP OF PLANT HARDINESS ZONES IN CANADA"

IN THE EVENT OF A DISCREPANCY IN PLANT QUANTITY BETWEEN THE LANDSCAPE PLAN AND THE PLANT LIST, THE LANDSCAPE PLAN SHALL GOVERN.

THE CONTRACTOR SHALL MAKE PLANTS AVAILABLE FOR INSPECTION BY THE LANDSCAPE ARCHITECT PRIOR TO SHIPPING TO THE SITE. THIS DOES NOT LIMIT THE RIGHT OF THE LANDSCAPE ARCHITECT AND/OR TOWN'S REPRESENTATIVE TO LATER REJECT PLANT MATERIAL THAT IS OF POOR QUALITY, DAMAGED DURING SHIPPING OR INSTALLATION, PERFORMING POORLY WHILE THE GUARANTEE PERIOD IS STILL IN EFFECT, OR OTHERWISE DOES NOT CONFORM TO THE SPECIFICATIONS.

PLANT SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE OWNER, LANDSCAPE ARCHITECT, AND THE TOWN PRIOR TO DELIVERY OF THE MATERIAL ON-SITE. THE LANDSCAPE ARCHITECT MAY, UPON COMPLETION OF THE WORK AND NOTWITHSTANDING PRIOR APPROVAL AT SOURCE, REJECT PLANT MATERIAL NOT CONFORMING TO THE SPECIFICATIONS.

THE CONTRACTOR SHALL USE STANDARD INDUSTRY METHODS FOR PLANTING TREES. TREES SHALL BE TURNED TO GIVE THE BEST APPEARANCE. THEY SHALL ALSO BE GUIDED AND STAKED IMMEDIATELY AFTER PLANTING AND AS DETAILED ON THE DRAWINGS.

BED PREPARATION

PRIOR TO BACKFILLING, SCARIFY THE SIDES AND BOTTOM OF THE EXCAVATED TREE PITS AND SHRUB BEDS.

WHERE HEAVY CLAY SOIL CONDITIONS PREVAIL, BACKFILL TO THE SPECIFIED DEPTHS WITH:

- 2 PARTS "TRIPLE MIX" DELIVERED TO THE SITE IS TO BE WELL MIXED WITH
- 1 PART LOCAL TOPSOIL (TOPSOIL THAT WAS REMOVED FROM THE SITE AND STOCKPILED. IF UNAVAILABLE, A TOPSOIL WITH CLAY CONTENT MUST BE IMPORTED.)

TREE PITS MUST BE CONSTRUCTED WITH SAUCERS AND MULCH AS DETAILED.

TOPSOIL & FINE GRADING

THE OWNER WILL PLACE 150mm OF RICH TOPSOIL ON APPROVED SUBGRADES. TOPSOIL SHALL BE AMENDED WHERE REQUIRED. 10-5-4 FERTILIZER SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AT A RATE OF 7.32 kg/100m² FOR SODDED AREAS OR AS RECOMMENDED BY A SOIL TEST ANALYSIS REPORT.

MINOR GRADE DEFICIENCIES AND IRREGULARITIES SHALL BE ELIMINATED PRIOR TO SODDING AND SEEDING.

HYDROSEEDING

THE CONTRACTOR SHALL APPLY 2280 kg/ha FIBRE MULCH OVER THE NEWLY SEEDED AREA TO FORM A UNIFORM, BLOTTER-LIKE GROUND COVER THAT ALLOWS THE ABSORPTION AND PERCOLATION OF WATER.

THE AREA SEEDED IN A SINGLE DAY SHALL NOT EXCEED THE AREA THAT CAN BE MULCHED THAT SAME DAY.

THE CONTRACTOR SHALL APPLY THE SPECIFIED SEED MIXTURE USING ACCEPTED INDUSTRY METHODS FOR HYDROSEEDING AND AT RATES RECOMMENDED BY THE SEED SUPPLIER, THE TYPE AND RATE OF FERTILIZER APPLICATION SHALL BE AS RECOMMENDED BY THE SUPPLIER.

SODDING

THE CONTRACTOR SHALL SOD ALL AREAS SO INDICATED ON THE DRAWINGS. SOD SHALL BE FRESHLY CUT NO.1 GRADE NURSERY-GROWN TURF 50-75mm THICK. SOD FOR SUNNY, EXPOSED AREAS SHALL BE 50% KENTUCKY BLUEGRASS AND 50% MERION BLUEGRASS. SOD FOR SHADED AREAS SHALL BE 50% NUGGET KENTUCKY BLUEGRASS AND 50% CREEPING RED FESCUE.

SOD SHALL BE PLACED ON PREPARED TOPSOIL, WITH JOINTS STAGGERED AND SECTIONS ABUTTED TIGHTLY. IMMEDIATELY AFTER LAYING, IRRIGATION SUFFICIENT TO ENSURE MOISTURE PENETRATION TO A DEPTH OF 100mm SHALL BE APPLIED.

SOD SHALL BE MACHINE ROLLED TO ENSURE UNIFORM CONTACT WITH TOPSOIL. SOD WILL BE ACCEPTED BY THE OWNER ONCE IT HAS KNIT TOGETHER AND TWO SEPARATE CUTS HAVE BEEN MADE.

MAINTENANCE

MAINTENANCE OF ALL LANDSCAPE INSTALLATIONS THROUGHOUT THE GUARANTEE PERIOD TO INCLUDE:

- PROPER IRRIGATION TO ENSURE OPTIMUM GROWTH AND DEVELOPMENT OF INSTALLED PLANT MATERIAL.
- CULTIVATION, WEEDING AND FERTILIZATION OF THE TREE PITS AND PLANTING BEDS.
- INSECT AND DISEASE CONTROL USING INTEGRATED PEST MANAGEMENT PRACTICES.

PRUNE AND MAINTAIN TO FURTHER PROMOTE VISIBILITY AND VITALITY OF ITS INTENDED USE, AS DIRECTED BY THE LANDSCAPE ARCHITECT OR THE TOWN.

GUARANTEE

ALL PLANT MATERIALS SHALL BE GUARANTEED FOR A MINIMUM OF 1 YEAR FROM DATE OF WRITTEN LANDSCAPE CERTIFICATION FOR COMMENCEMENT OF PLANT WARRANTY AS GRANTED BY THE TOWN, AND UNTIL FINAL CERTIFICATION IS GRANTED BY THE TOWN. PLANTS WHICH DO NOT SURVIVE SATISFACTORILY DURING THE GUARANTEE PERIOD SHALL BE REPLACED AT NO EXTRA COST TO THE OWNER. PLANT MATERIAL WHICH IS REPLACED DUE TO UNSATISFACTORY PERFORMANCE SHALL, IN TURN, BE GUARANTEED FOR ANOTHER MINIMUM OF 1 YEAR, OR UNTIL FINAL CERTIFICATION IS GRANTED BY THE TOWN.

SIMILARLY, ALL OTHER LANDSCAPE WORK PERFORMED UNDER THIS CONTRACT SHALL BE FULLY GUARANTEED FOR THE ABOVE-SPECIFIED PERIOD.

ALL WORK SHALL BE INSPECTED AT THE END OF THE WARRANTY PERIOD, AT WHICH TIME A FINAL CERTIFICATE WILL BE ISSUED BY THE LANDSCAPE ARCHITECT AND SUBMITTED TO THE TOWN FOR THEIR INSPECTIONS, AND APPROVAL OF FINAL CERTIFICATION, PERMITTING RELEASE OF SITE WORK SECURITIES.

AT THE END OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL REMOVE ALL TREE STAKES, RODENT GUARDS AND BARK WRAP AND ALL EXTRA MULCH WHERE NECESSARY.

ACCEPTANCE

WORK WILL BE ACCEPTED BY THE OWNER OR THEIR REPRESENTATIVE UPON COMPLETION AND AT THE END OF THE SPECIFIED MAINTENANCE PERIOD, PROVIDED THAT ALL PLANT MATERIAL IS ALIVE AND IN A HEALTHY GROWING CONDITION.

WRITTEN PRELIMINARY AND FINAL CERTIFICATION MUST BE SUBMITTED TO THE TOWN BY THE LANDSCAPE ARCHITECT. THE CERTIFICATIONS SHALL BE SIGNED AND STAMPED WITH THE SEAL OF THE OALA.

PRELIMINARY CERTIFICATION OF THE PROJECT SHALL SERVE AS THE START OF THE GUARANTEE PERIOD.

FINAL ACCEPTANCE OF THE LANDSCAPE WORKS FOR THIS PROJECT IS GRANTED BY THE TOWN OF CALEDON UPON CONDUCTING A SATISFACTORY FINAL SITE INSPECTION.

CONTINUED RESPONSIBILITY OF THE OWNER

THE OWNER HAS A RESPONSIBILITY TO MAINTAIN THE APPROVED LANDSCAPE IN A WELL CARED FOR MANNER THAT PROMOTES PLANT VITALITY AND A HEALTHY APPEARANCE. ANY DECLINING OR DEAD PLANTS ARE TO BE REPLACED WITHIN THE SEASON TO SUSTAIN A KEMPT LANDSCAPE. THE OWNER IS REMINDED THAT FUTURE SITE PLAN APPLICATIONS FOR THIS SITE WILL BE REVIEWED WITH REGARD TO THE CONFORMITY OF THE EXISTING LANDSCAPING TO THE APPROVED LANDSCAPE PLAN REGISTERED WITH THE TOWN OF CALEDON.

HARD LANDSCAPING

POURED-IN-PLACE CONCRETE WORK

THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL OF FORMWORK PRIOR TO POURING CONCRETE. ALL CONCRETE, STEEL REINFORCING, AND FORMWORK SHALL BE AS DETAILED AND SPECIFIED ON THE DRAWINGS.

THE STYLE, COLOUR, AND FINISH OF CONCRETE ELEMENTS SHALL BE APPROVED BY THE OWNER AND/OR LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONCRETE WORK.

ALL STRUCTURAL CONCRETE WORK SHALL CONFORM TO LOCAL BUILDING CODES AND REGULATIONS.

BRICKWORK, STONEMWORK & CONCRETE UNIT PAVING

WHERE APPLICABLE, THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT OF ALL STRUCTURAL CONCRETE WORK BEFORE COMMENCING BRICKWORK, STONEMWORK OR PAVING WORK.

ALL BRICKWORK, STONEMWORK, AND CONCRETE UNIT PAVING SHALL BE AS DETAILED AND SPECIFIED ON THE DRAWINGS, UNLESS THE LANDSCAPE ARCHITECT AND/OR THE OWNER APPROVE SUBSTITUTIONS IN WRITING.

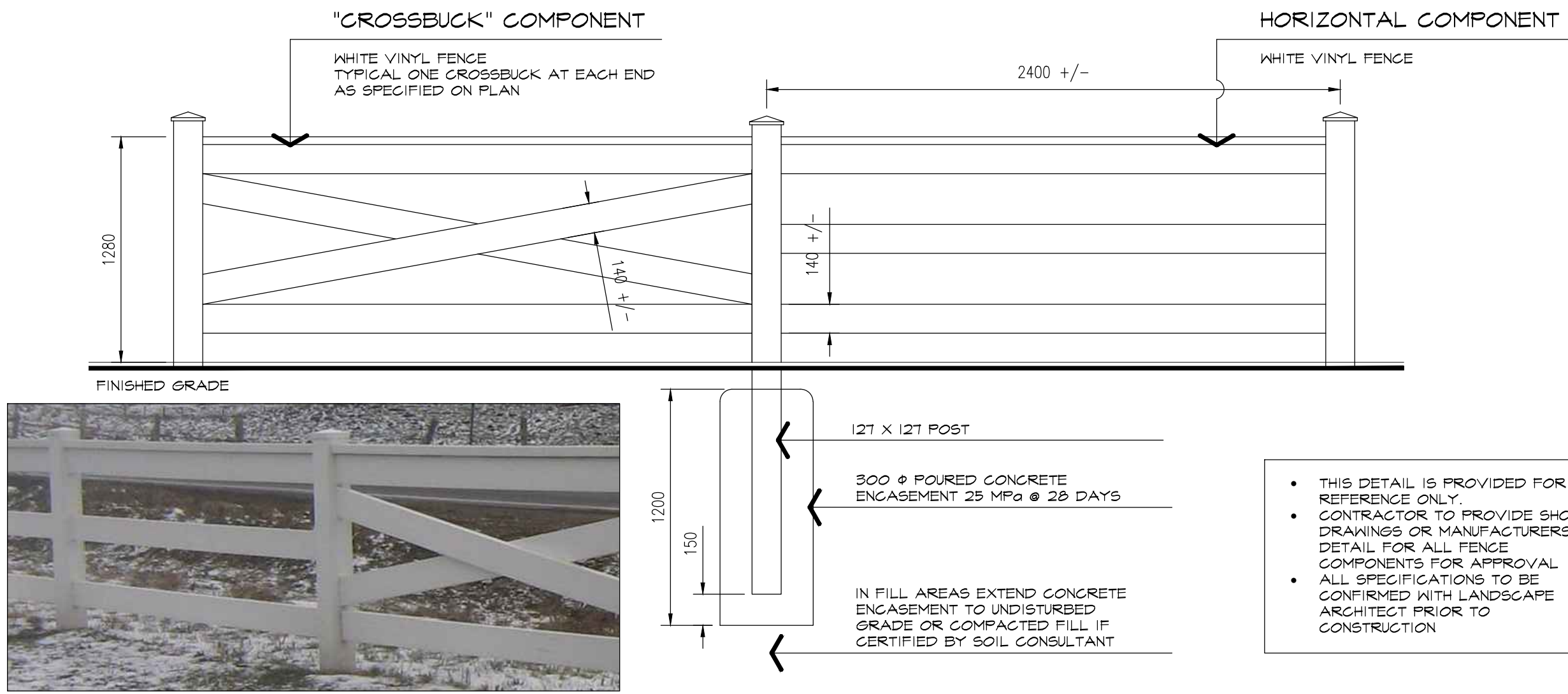
PRIOR TO STARTING THIS PORTION OF WORK, THE CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PROPOSED BRICKWORK, STONEMWORK, AND CONCRETE UNIT PAVERS FOR APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR THE OWNER WITH RESPECT TO STYLE, COLOUR, AND FINISH. THE CONTRACTOR MAY ALSO BE ASKED TO SUBMIT SAMPLES OF ALTERNATIVES TO THE MATERIALS SPECIFIED ON THE DRAWINGS.

ALL BRICKWORK, STONEMWORK, AND CONCRETE UNIT PAVING SHALL CONFORM TO LOCAL BUILDING CODES AND OTHER MUNICIPAL REQUIREMENTS.

METALWORK

PRIOR TO ORDERING MATERIAL FOR THIS PORTION OF WORK, THE CONTRACTOR SHALL SUBMIT SAMPLES OF ALL PROPOSED METALWORK FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT AND/OR THE OWNER WITH RESPECT TO STYLE, COLOUR, AND FINISH. THE CONTRACTOR MAY ALSO BE ASKED TO SUBMIT SAMPLES OF ALTERNATIVES TO THE MATERIALS SPECIFIED ON THE DRAWINGS.

LENGTHS FOR FENCING SHALL BE MEASURED IN THE FIELD BY THE CONTRACTOR; SCALED MEASUREMENTS FROM THE DRAWINGS SHALL NOT BE RELIED UPON FOR DETERMINING THE NUMBER OF SECTIONS OF FENCE OR THE SIZE OF GATES THAT WILL BE NEEDED.



WHITE VINYL FENCE ELEVATION OR APPROVED EQUAL IN WOOD

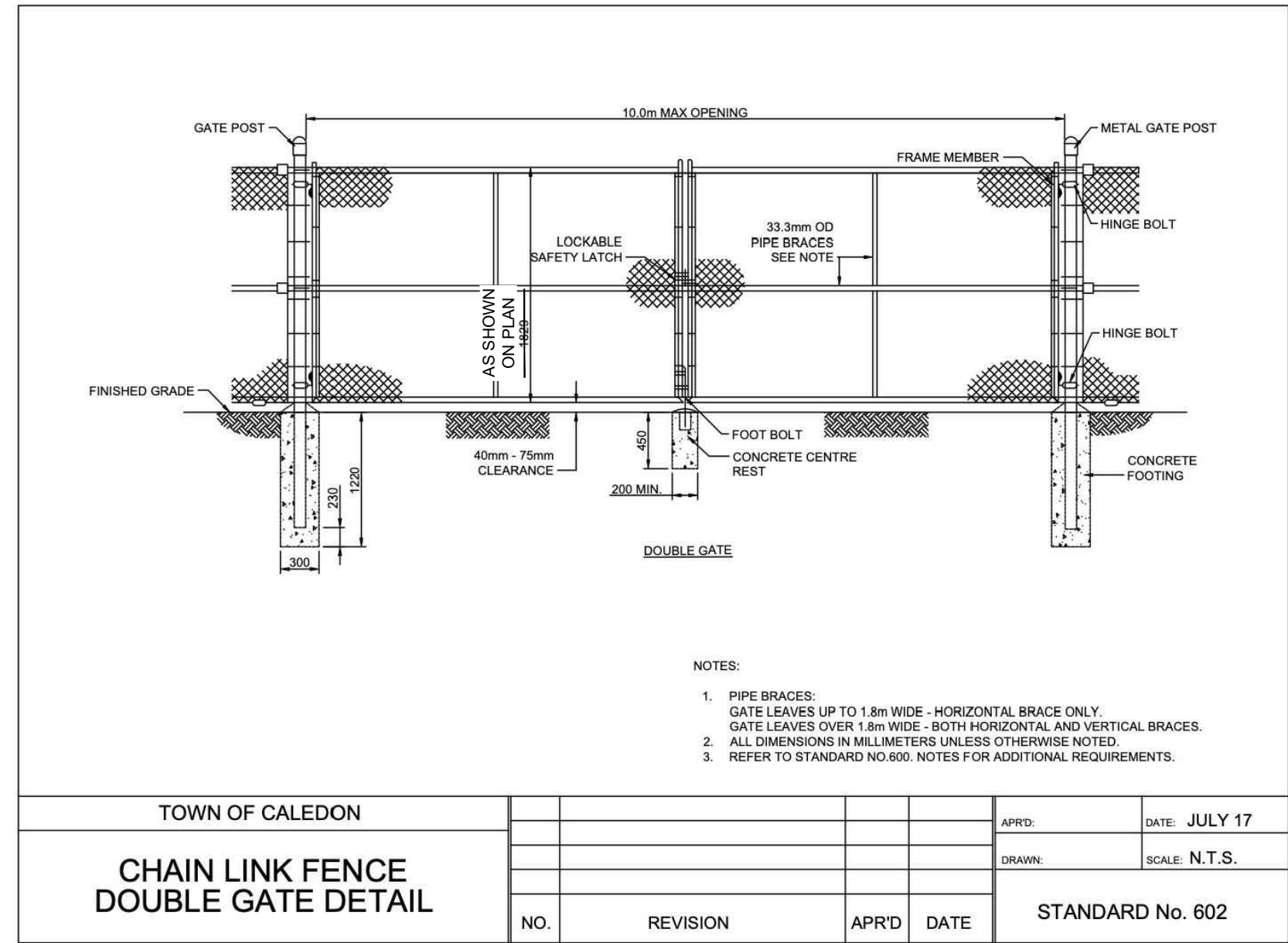
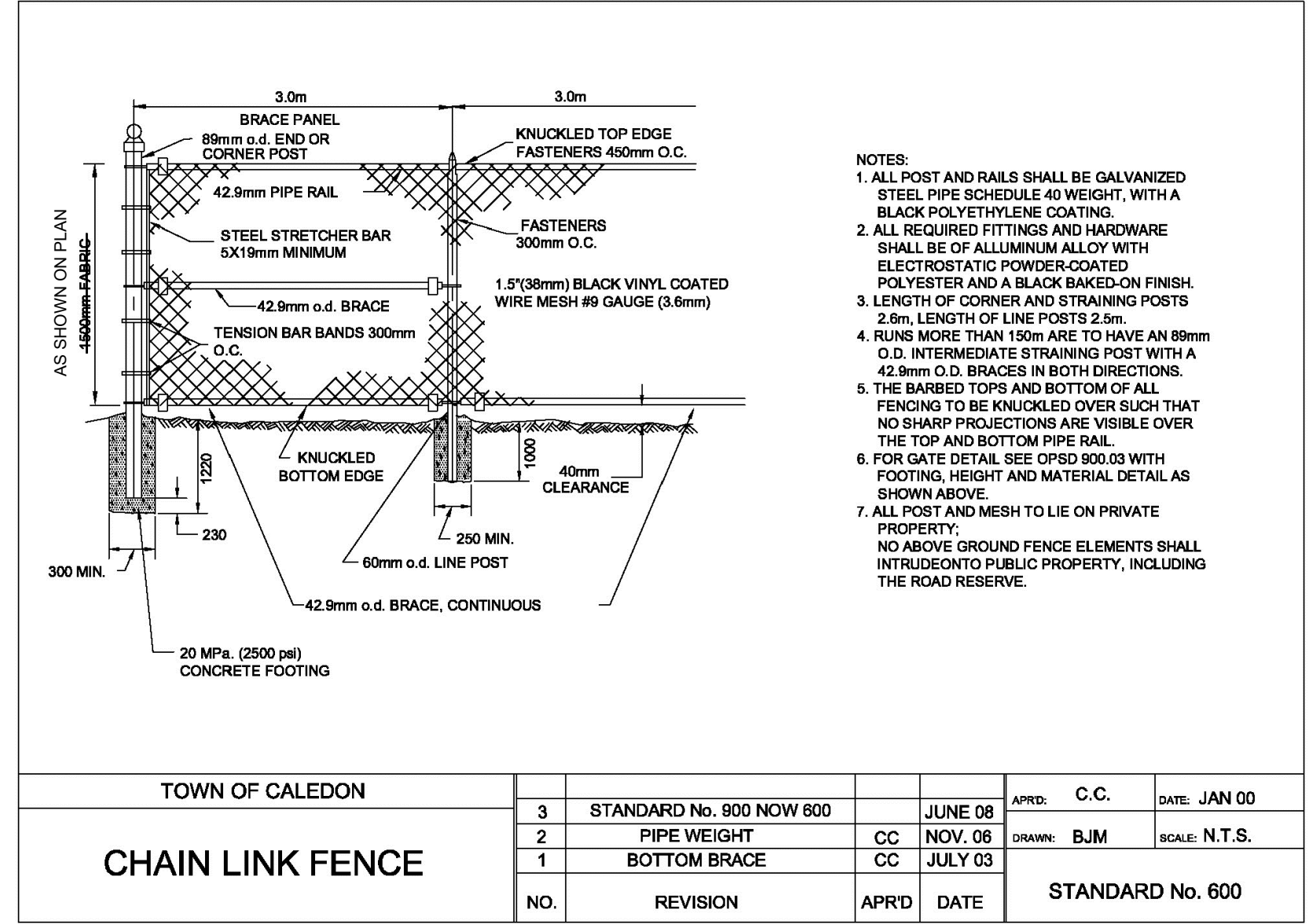
NTS



PVC FENCE SLATS

AS SUPPLIED BY ROMA FENCE (TEL 905-744-0416) OR APPROVED EQUAL. TO BE USED IN CHAIN LINK FENCE (AS INDICATED ON PLAN). SLAT WIDTH - 1.5" COLOUR - TO BE APPROVED BY OWNER SLAT TYPE: FILLINK (TO BE APPROVED BY OWNER)

NTS



CHAIN LINK FENCE DETAIL WITH MATCHING GATE

TOWN OF CALEDON STANDARD DETAIL - MODIFIED HEIGHT BY ABAL

NTS

| | | | |
|-----|-------------|------------------------------|-------|
| 3. | JUN 1 2020 | ISSUED FOR SECOND SUBMISSION | LK/RS |
| 2. | JUNE 1 2017 | REISSUED FOR SPA SUBMISSION | DN |
| 1. | NOV. 3 2016 | REISSUED FOR SPA SUBMISSION | BF |
| 0. | OCT. 3 2016 | ISSUED FOR FIRST SUBMISSION | LH/BF |
| no. | date | version | by |

All information hereon to be checked and verified at the site and any discrepancies must be reported to and clarified by the landscape architect before commencing work. All drawings, specifications, details, digital information, etc., prepared by the landscape architect are instruments of service and as such are his property and must be returned at his request.

ALEXANDER BUDREVICS
& ASSOCIATES LIMITED
LANDSCAPE ARCHITECTS

895 Don Mills Road, Second Tower, Suite 212
Toronto, Ontario, Canada, M3C 1W3

416.444.5201
416.444.5298

www.budrevics.com

project SPA # : 16-063

KING STREET INDUSTRIAL
8186 KING STREET
BOLTON, ONTARIO

2473903 ONTARIO INC.

drawing

FENCING DETAILS AND SPECIFICATIONS

| | | | |
|-----------|----------------|-------------|-------------------|
| date | APRIL 20, 2016 | drawn | LH |
| scale* | AS SHOWN | file | 3032 D2 R3-200601 |
| direction | | project no. | 3032 |
| | | sheet no. | D-2 |

*NOTED SCALE IS APPLICABLE ONLY WHEN PRINTED ON ARCH D (34"x36") SIZE SHEET