

# 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 QUALITY 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. THE SHALL ALSO BE GUYED 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 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. 10-6-4 FERTILIZER SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AT A RATE OF 7.32 kg/100m<sup>2</sup> FOR SODDED AREAS OR AS RECOMMENDED BY SOIL TEST ANALYSIS REPORT.

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

## SEEDING

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 ADJUTED 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 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 MAINTENANCE 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.

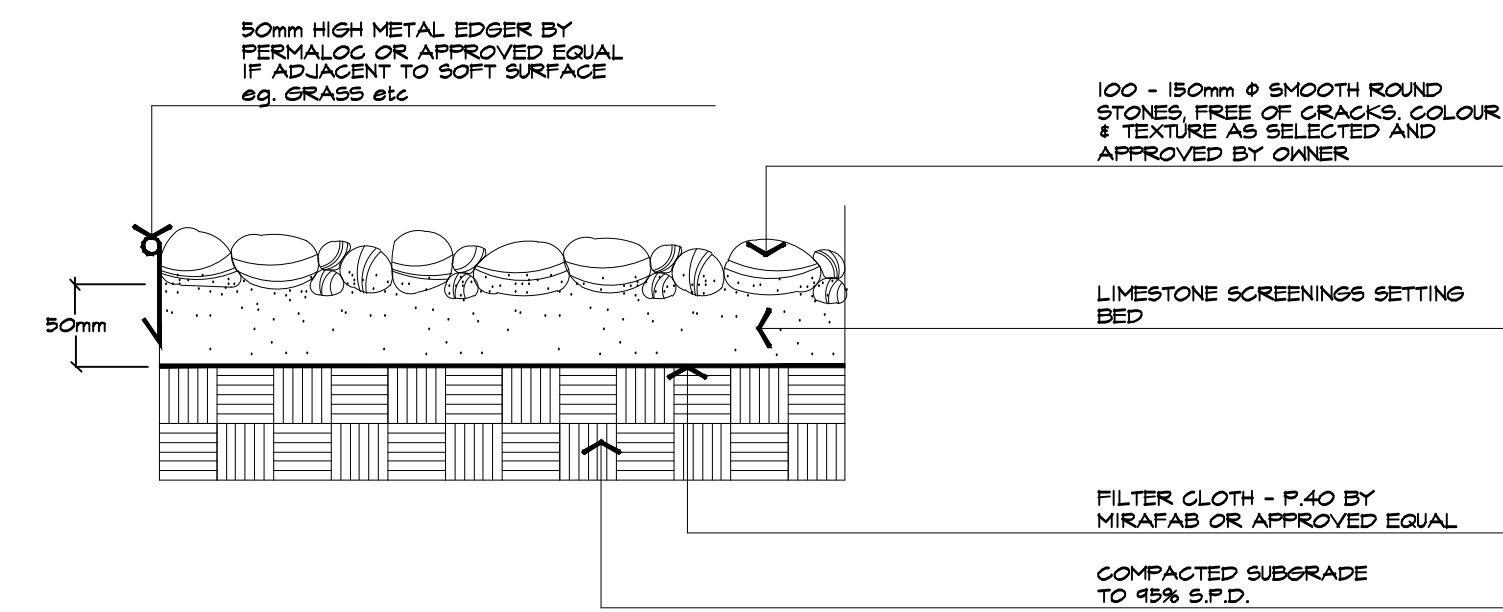
WRITTEN PRELIMINARY AND FINAL CERTIFICATION MUST BE SUBMITTED TO THE TOWN BY THE LANDSCAPE ARCHITECT. THE CERTIFICATIONS SHALL BE SIGNED AND STAMPED WITH THE SEAL OF THE OALA.

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 HEALTHY APPEARANCE. ANY DECLINING OR DEAD PLANTS ARE TO BE REPLACED WITHIN THE SEASON TO SUSTAIN A KEPT 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.



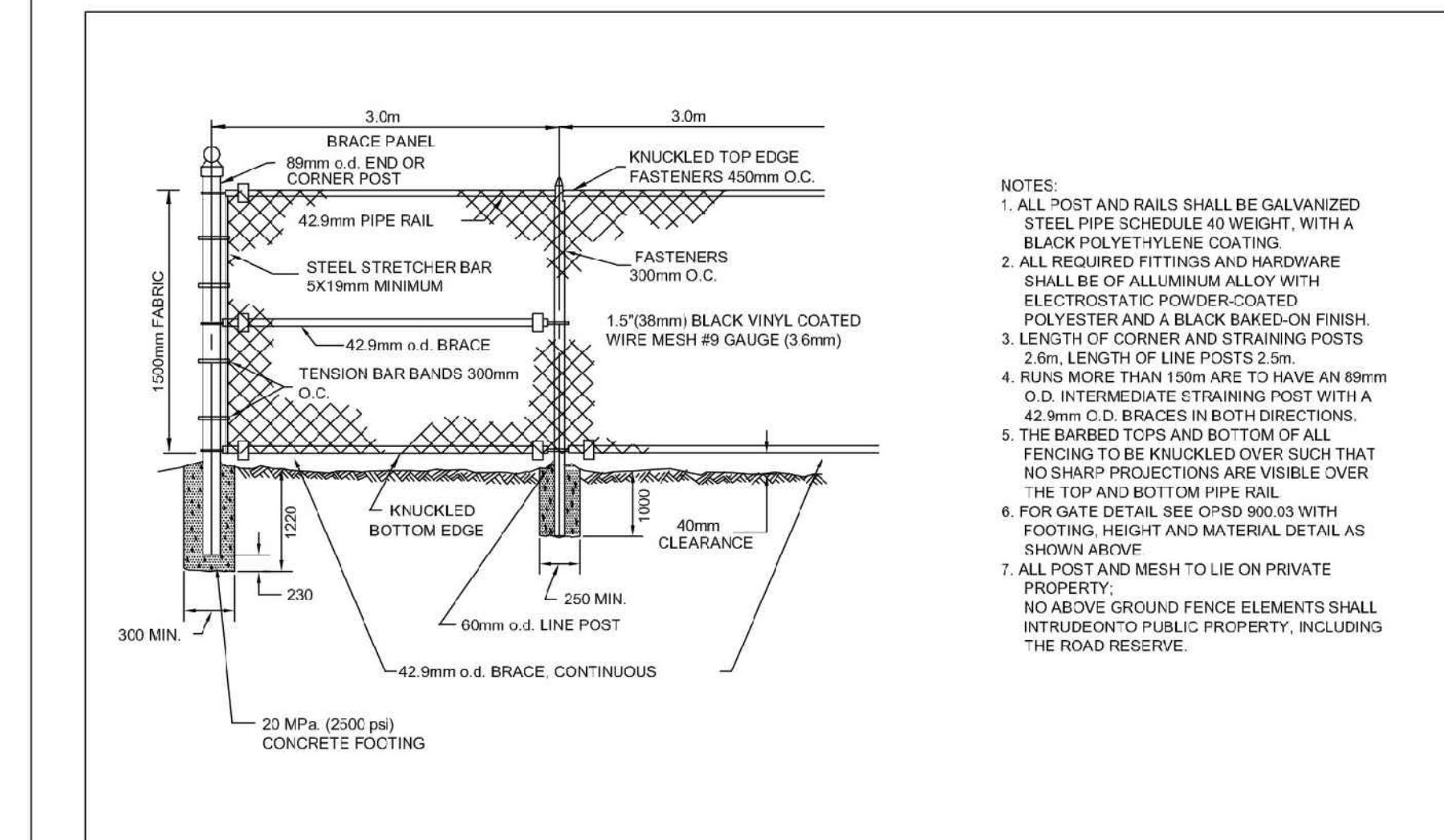
4 BEACH STONES DETAIL

NTS  
ABAL H601-450519



1 ACOUSTIC FENCE DETAIL

SUPPLIER: DURISOL  
PRODUCT: NB12  
HEIGHT: 1800mm  
PATTERN: BASKET HEAVE (MOUND SIDE), FLAT (LID SIDE)  
COLOUR: BASKET HEAVE PATTERN TO FRONT OLD SCHOOL ROAD 1004B NATURAL

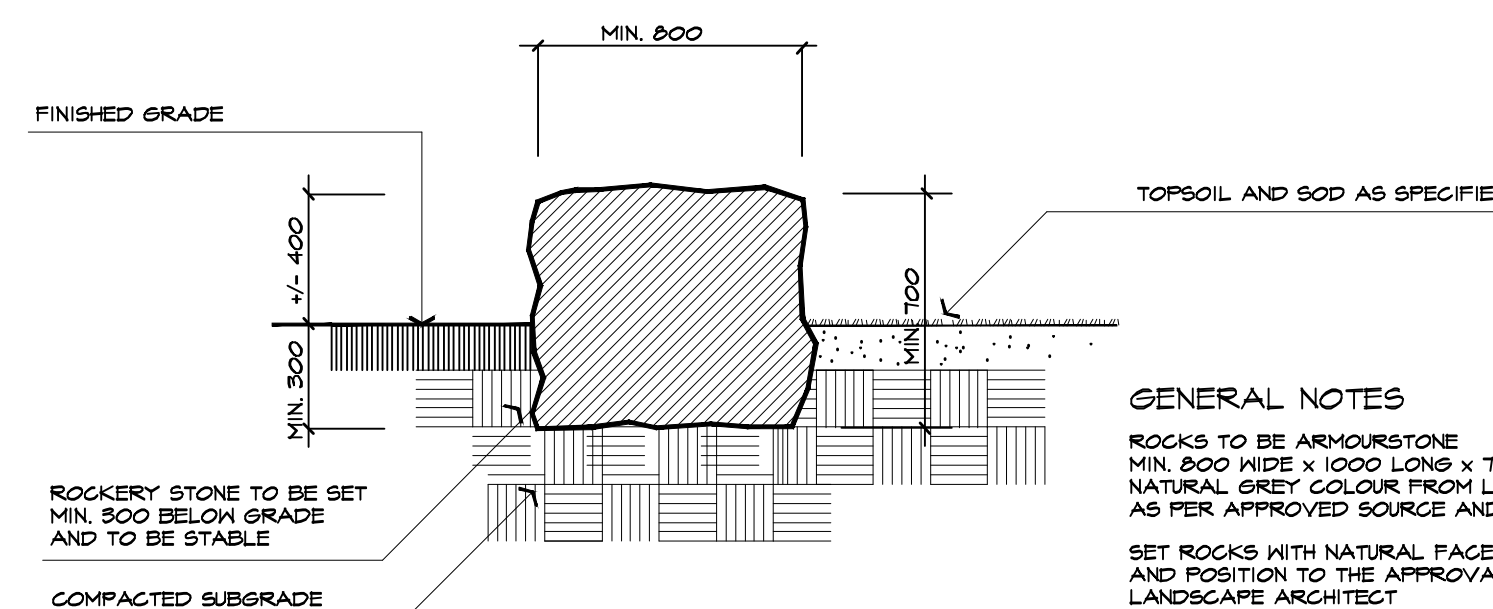


- NOTES:
1. ALL POST AND RAILS SHALL BE GALVANIZED STEEL PIPE SCHEDULE 40 WEIGHT, WITH A BLACK POLYETHYLENE COATING.
  2. ALL REQUIRED FITTINGS AND HARDWARE SHALL BE OF ALL ALUMINUM ALLOY WITH ELECTROSTATIC POWDER-COATED POLYESTER AND A BLACK BAKED-ON FINISH.
  3. LENGTH OF CORNER AND STRAINING POSTS 2.9m. LENGTH OF LINE POSTS 2.5m.
  4. RUNS MORE THAN 150m ARE TO HAVE AN 89mm O.D. INTERMEDIATE STRAINING POST WITH A 42.9mm C.D. BRACES IN BOTH DIRECTIONS.
  5. THE BARBED TOPS AND BOTTOM OF ALL FENCING TO BE KNUCKLED OVER SUCH THAT NO SHARP PROJECTIONS ARE VISIBLE OVER THE TOP AND BOTTOM PIPE RAIL.
  6. FOR GATE DETAIL SEE OPSD 900.03 WITH FOOTING HEIGHT AND MATERIAL DETAIL AS SHOWN ABOVE.
  7. ALL POST AND MESH TO LIE ON PRIVATE PROPERTY. NO ABOVE GROUND FENCE ELEMENTS SHALL INTRUDE ONTO PUBLIC PROPERTY, INCLUDING THE ROAD RESERVE.

TOWN OF CALEDON				APRD:	C.C.	DATE:	JAN 00
3	STANDARD No. 900 NOW 600		JUNE 03	DRWR:	BJM	SCALE:	N.T.S.
2	PIPE WEIGHT		NOV. 06				
1	BOTTOM BRACE		JULY 03				
NO.	REVISION	APRD	DATE	STANDARD No. 600			

2 CHAIN LINK FENCE

TOWN OF CALEDON DETAIL



- GENERAL NOTES
- ROCKS TO BE ANTI-CORROSION MIN. 800mm WIDE x 1000mm LONG x 100mm NATURAL GREY COLOUR FROM LOCAL QUARRY AS PER APPROVED SOURCE AND SAMPLE
  - SET ROCKS WITH NATURAL FACE OUTWARD AND POSITION TO THE APPROVAL OF LANDSCAPE ARCHITECT

3 ROCKERY STONE DETAIL

SINGLE TIER AT GRADE

NTS  
ABAL R201-450517

TOWN OF CALEDON  
PLANNING  
RECEIVED  
March 28, 2024

no.	date	version	by
V2	MAR 12 2024	ISSUED FOR 30% LANDSCAPE PLANS - OPA / ZBA	AV/ED
V1	FEB 24 2021	ISSUED FOR FIRST SUBMISSION	RS/LK

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.

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project SP No. PRE-20-0096  
**PROPOSED INDUSTRIAL DEVELOPMENT**  
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CALEDON, ONTARIO  
QUADREAL PROPERTY GROUP &  
TRIBAL PARTNERS CANADA INC.

## LANDSCAPE DETAILS & SPECIFICATIONS

date	JANUARY 4, 2021	drawn	KM
scale*	AS SHOWN	file	3415 D3 V2-240312
direction		project no.	3415
		sheet no.	D-2

\*NOTED SCALE IS APPLICABLE ONLY WHEN PRINTED ON ARCH D (24"x36") SIZE SHEET