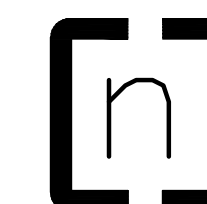


Architect:



Architecture Inc.
PRINCIPAL: NITIN MALHOTRA, ARCHITECT
9120 Leslie Street, Suite 208,
Richmond Hill, ON L4B 3J9
T: 416 303-4821 F: 905-340-8285
E: info@architecture.com
www.architecture.com

Planner:

Municipality:



Site Plan Application: SP 15-067

REFER TO PLAN FOR LOCATION

Standard Notes to Industrial and Commercial Landscape Drawings may be modified to fit the drawing space. No changes are to be made to the text that in any way lessens the requirements.

Landscape Notes
The following notes are to appear on the Landscape Drawings:

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 (Name of Consultant Landscape Architect).
- Prior to commencing work, the contractor shall:
 - Familiarize themselves with the plans, details and specifications of this project;
 - Visit the site to ascertain and take account of existing conditions and any deviations from the plans in work by other; and,
 - 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 Materials

- All plants shall be installed true to specified names, sizes, grades, etc. and shall conform to the standards of the Canadian Nursery Landscapes 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, the 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 staked to give the best appearance. They shall also be puyed 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:

6311 Old Church Road
Caledon, ON L7C 1J6
www.caledon.ca
T. 905.584.2272 | 1.888.225.3366 | F. 905.584.4325

CALEDON STANDARD LANDSCAPE SPECIFICATIONS 7
SCALE: N.T.S. DATE: L-3

REFER TO PLAN FOR LOCATION

- 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.

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.
- Pruning 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 inspection, 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 healthy growing conditions.
- 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 CALA.
- 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.

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CALEDON STANDARD LANDSCAPE SPECIFICATIONS 8
SCALE: N.T.S. DATE: L-3

REFER TO PLAN FOR LOCATION

Grading and Drainage Notes
The following notes shall appear on the Grading and Drainage Plan(s):

- Construction for this project to comply with the most current version of the Development Standards, Policies and Guidelines, prepared by the Town of Caledon, Public Works Department and the Ontario Provincial Standards and Specifications.
- All proposed construction shall be carried out in accordance with the requirements of the Occupational Health and Safety Act and Regulations for construction projects.
- Within a minimum of forty-eight hours prior to commencing construction within the municipal right-of-way, the contractor must contact the following:
The Town of Caledon Public Works Department 905-584-2272
The Region of Peel 905-791-7800
Enbridge Consumers Gas 905-789-7824
Hydro One 519-941-1211
Bell Canada 416-296-6929
Rogers Cable 905-897-3914
- All drainage to be self-contained and discharged to a location approved by the Public Works and Engineering Department.
- Sediment control devices are to be installed prior to any construction on the site and shall be inspected and maintained throughout the construction period to the satisfaction of the Town of Caledon and the applicable Conservation Authority.
- A minimum of 1.5m clearance is to be provided from the limits of all sidewalks and driveways to existing utility structures within the municipal right-of-way. If this clearance is not maintained, the structures shall be relocated at the applicant's expense.
- Street curbs are to be continuous within the proposed entrance.
- Any changes to grades or servicing from the originally approved site plan must be approved by the Town of Caledon Public Works Department.
- Structural design of the fire route is required to support an 18-ton vehicle. As such the drawing is to show areas of heavy asphalt and light asphalt and is to provide design information.
- All boulevards to be restored with 150mm minimum of topsoil and sod to the satisfaction of the Town of Caledon Public Works Department.
- The minimum pavement design for the asphalt driveway apron within the municipal road allowance shall be as follows:
40mm HLB Asphalt
50mm HLB Asphalt
150mm Granular 'A'
300mm Granular 'B'
- The consultant should review the above with respect to the expected usage.
- Service Connection Backfill to be discussed with the Town of Caledon

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CALEDON STANDARD LANDSCAPE SPECIFICATIONS 9
SCALE: N.T.S. DATE: L-3

REFER TO PLAN FOR LOCATION

MAGLIN

MAGLIN SITE FURNITURE INC.
17 DUNDAS PARK DRIVE
WOODSTOCK, ONTARIO N4Y 1P1
TEL: 519-332-7608
FAX: 519-725-8993
www.maglin.com

MATERIALS:
The Bike Rack is made from solid cast aluminum

FINISH:
The Maglin Powdercoat System provides a durable finish on all metal surfaces.

INSTALLATION:
The bike rack is delivered pre-assembled. It is available with either a surface mount or direct burial installation option.

TO SPECIFY:
Select SCBR1600 Series
Choose:
-Base Type:
-Direct Burial (SCBR1600-DB)
-Surface Mount (SCBR1600-S)
-Powdercoat Colour

SELECT POWDERCOAT COLOUR:
FINE TEXTURED COLLECTION
[] SILVER4 - FINETEX [] SILVER4
[] EVERGREEN - FINETEX [] EVERGREEN
[] BLACK - FINETEX [] BLACK
[] GUNMETAL - FINETEX [] GUNMETAL
[] BRONZE14 - FINETEX [] BRONZE14
[] SATIN - FINETEX [] GRAPHITE
[] CORE TEN - FINETEX [] TITANIUM
[] PEARL SILVER

1/2" 2 3/4" 25 1/2" 27 1/2" 4"

SCALE: N.T.S. SURFACE MOUNT MODEL L-3

BIKE RING BY MAGLIN: MODEL SCBR1 600 SERIES 10
SCALE: N.T.S. SURFACE MOUNT MODEL L-3

REFER TO PLAN FOR LOCATION

150mm CLEAR STEM
TREE GUARD: ARBORASAD + AC3-4 OR APPROVED EQUIVALENT
WOODEN STAKES: ALIGNED WITH PREVAILING WIND WHERE REQUIRED
KEEP TOPSOIL AND MULCH 5 OR CLEAR OF TRUNK FLARE
ROOT COLLAR 5-10mm ABOVE GRADE
FINISHED GRADE
SUB SOIL
BACKFILL: FILL USING THE EXISTING SOIL REMOVED AND TAMP IN PLACE TO ELIMINATE AIR POCKETS
SCARIFY SIDES AND BOTTOM OF PLANTING HOLE
PLANTING HOLE + BED PREPARATION AREA

300mm DEPTH MULCH RING
FORM A 100mm HIGH SOIL RING TO DIRECT WATER TO ROOT BALL
100mm DEPTH APPROVED MULCH
BED PREPARATION: HEAVY SOIL FRACTURED TO A DEPTH OF 100mm

NOTES:
1. MYCORRHIZAL INOCULANTS - INSTALL WITH THE LANDSCAPE G.
2. WATERING - SOAK THE ROOTBALL AND BACKFILL AREA WITH 4 LITRES OF WATER AFTER PLANTING.
3. ROOTBALL SCARIFY - TWINE - CUT AND REMOVE ALL WIRE, ROPE, BURLAP AND TWINE FROM THE TOP 1/3 OF THE ROOTBALL.
4. CROWN PRUNING - PRUNE AT PLANTING TO CAREFULLY REMOVE DEAD, BROKEN, DISEASED OR DAMAGED BRANCHES.

Region of Peel
Public Works
STANDARD DRAWING
DATE: AUGUST 2016
APPROVED BY: [Signature] DRAWN BY: [Signature]
SCALE: 5:4-1

CALENDER DECIDUOUS TREE
PLANTING DETAIL FOR SOFTSCAPE BOULEVARDS

REGION OF PEEL DECIDUOUS TREE PLANTING DETAIL IN SOFT LANDSCAPE AREA 11
SCALE: N.T.S. DATE: L-3

REFER TO PLAN FOR LOCATION

2400 MAX. O.C. SPACING OR AS REQUIRED (REFER TO PLAN)
140x140 WOOD POST
38x140 CAP RAIL WITH 19x38 CENTRE GROOVE
GALVANIZED 'Y' BRACKETS AT ALL POSTS AND 38mm THICK RAIL JOINTS
38x140 TOP RAIL FACING PRIVATE SIDE
19x140 TOP FACIA FACING PUBLIC LAND (OR NEIGHBOUR)
19x140 BOARDS WITH 30 OVERLAP
38x90 MID RAIL FACING PRIVATE SIDE
38x140 BOTTOM RAIL FACING PRIVATE SIDE
19x140 BOTTOM FACIA FACING PUBLIC LAND (OR NEIGHBOUR)
CONCRETE FOOTINGS 25 MPA AT 28 DAYS TO CSA MIN. STANDARDS

SECTION
ELEVATION
PLAN VIEW

NOTES:
1. Use pressure treated red pine, jack pine; all wood to bear grading stamps of C.L.S. certified agency, and to CWPB & NLGA standard.
2. Secure all lumber with 51 (Z) hot dipped galvanized spiral nails, brackets, and necessary hardware.
3. Finish with 2 coats of approved stain (before backfilling to grade).
4. Install fence on compacted subgrade, 95 % S.P.D.
5. Top rails and cap to be installed level; step fence sections at equal amounts, i.e., 150, or 300 mm; to suit finish grades of site.
6. Maintain minimum height of fence as indicated.
7. All materials, components and workmanship to conform to the Ontario Building Code and other applicable local municipal by-laws.
8. IF AT BUILDING FACE: Replace 6 x 6 post with 2 x 6 board bolted to building - obtain architect's permission prior to installation. Wood fence must not extend beyond property line.

1800 (6'-0") WOOD PRIVACY FENCE ON GRADE 12
SCALE: N.T.S. HEIGHT NOT TO EXCEED LOCAL BY-LAW L-3

REFER TO PLAN FOR LOCATION

Joint Fill Material: open-graded, crushed, angular IDOT CA-16 (2-5mm) or ASTM No. 8
Eco-Optloc / Eco-Proira Concrete unit paving - 80mm Thick - pervious openings: 12% refer to plan for colour and pattern.
Bedding Material: 40mm (1-1/2") open-graded, crushed, angular IDOT CA-16 (2-5mm) or ASTM No. 8 - compacted to 95 % SPD
150 mm (6") Base Material: open-graded, crushed, angular IDOT CA-7 or ASTM No. 57 - compacted to 95% S.P.D.
Expansion joints Refer to curb detail
300 mm (12") Sub-Base Material: open-graded, crushed, angular IDOT CA-1 or ASTM No. 2, compacted to 95% S.P.D.
Sub-soil Material: Min. infiltration - 12mm (0.5") / Hr. Thoroughly compacted to 95% S.P.D.

SECTION ADJACENT BUILDING OR CURB
SECTION WITHOUT CURB

NOTES:
1. This permeable pavement detail is a manufacturer recommended min. and must be designed or approved by professional Engineer.
2. All aggregate material shall be crushed angular stone and free of fines. Subsoil bearing capacity must be compacted to 95% S.P.D. minimum.
3. Surface slope shall be a minimum of 1% and a maximum of 5% (with positive drainage away from all Buildings or Structures).
4. Install PVC underdrain pipe where infiltration rate of subsoil is less than 12mm (0.5") per hour - size and layout as design by a professional Engineer.
5. Never install permeable pavers on organic clay soils or high plasticity and/or peat, mulch, or soils with high organic content.
6. Maintain a minimum distance of 600mm (24") between bottom of permeable sub base and ground water table.
7. The minimum aggregate thicknesses are after compaction.

HEAVY DUTY - PRECAST CONC. PERMEABLE PAVER DETAIL 13
SCALE: N.T.S. TO BE APPROVED BY CIVIL ENGINEER TO MEET INFILTRATION DESIGN CRITERIA L-3

No.	Revision	Date
7	Revised Per Site Plan	25/08/20
6	Revised Per Site Plan	27/01/20
5	Revised Per Site Plan	15/04/19
4	Per Servicing & Site Plan	11/04/19
3	Per Grading & Site Plan	12/02/16
2	Issued for Coordination	03/03/16
1	Issued for Coordination	11/03/15

North: Stamp:
ASSOCIATION OF LANDSCAPE ARCHITECTS OF ONTARIO
ONIA
ONIA MEMBERSHIP

Project:
Proposed Gas Station
SPA 15-0067
12544 Highway 50
Bolton, Ontario

Scale: **As Shown** Date: **Nov. 2015**
Drawn By: **J.C.** Checked By: **L.M.**

Drawn Title:
Landscape
Details

Project No. **15456** Sheet No. **L3 of 3**

All information contained in these plans shall be checked by the contractor. All discrepancies shall be reported to the Landscape Architect (L.A.) before commencing with construction. All drawings have copyright and shall remain the property of the Landscape Architect. Copying or any reproduction in part or whole shall only be permitted with written consent of L.A. Drawings shall not be used for construction unless sealed & SIGNED. All drainage pavements must drain perviously away from buildings and underground utilities and are not necessarily shown on the drawings, and are shown. The accuracy of the position of utilities or structures is not guaranteed. Before starting work, the contractor shall confirm the exact location of all utilities and structures, and shall assume liability for damages. **DO NOT SCALE DRAWINGS - PRELIMINARY NOT FOR CONSTRUCTION - THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL COUNTERSIGNED BY L.A. ARCHITECT - SIGNED.**