TYPICAL WOOD NOTES: All materials, components and workmanship to

conform to building code and local by-laws. All wood to be Cedar, selected mainly for good appearance. All members shall be free of wane and bark pockets. All torn grain shall be eliminated by sanding and planing. member exhibiting moderate to heavy knots shall be well distributed throughout the site installation. Panel members shall be select tight knot cedar (NLGA 204A).

All wood shall bear the lumber grading stamp. 4. Stain all exposed fence material with high grade quality exterior stain, 2 coats of solid stain. Colour to be selected by Landscape Architect.

Nails shall be galvanized ardox conforming to CSA standard bill.

6. All galvanizing to be hot dipped in conformance with CAN / CSA G164-M92. Drive all nail heads below surface of wood. Use

stable, secure structure. Step fence panels maximum of 100mm at posts as required by grade conditions. Sloping of panels may be required for certain grade conditions. For fence situated along >5%, bottom nailer board to run parallel with grade. Obtain Consultant's approval

prior to proceeding with construction. All lumber sizes are actual sizes rather than nominal

dipped in creosote. . Concrete to have minimum compressive strength of 25 MPA @ 28 days with 5-7% air entertainment.

12. See layout and grading plan for fence location.

1800mm Ht. Wood Privacy Fence

1. Coordinate shipping of plants and excavation of holes to ensure minimum time lapse between digging and planting.

2. Tie branches of tree and shrubs securely and protect plant material against abrasion, exposure, and extreme temperature during transit. Avoid binding of planting stock with rope or wire which would damage bark, break branches or destroy natural shape of plant. Give full support to root ball of large trees during lifting.

3. Cover plant foliage with tarpaulin and protect bare roots by means to prevent loss of moisture during transit and storage. 4. Provide 2 year warranty for all trees and one year warranty for all remaining plant material as itemized on plant list. At end of warranty inspection, all plant material will be in vigorous growing

condition, free of pests and disease and true to natural form. 5. During warranty period, remove from site any plant material that has died or failed to grow satisfactorily as determined by owner/architect/landscape architect. Extend warranty on replacement plant material for a period equal to the length of original warranty period. Remove trunk wrapping, tree stakes and guy wired at the end of the warranty period. Upon request,

remove trunk wrapping for visual inspection and rewrap. 6. Plant material: comply with metric guide - specification for nursery stock, 1984 edition of Canadian Nursery Trades Association referring to size and development of plant material and root ball. Measure plants when branches are in their natural position. Height and spread dimensions refer to main body of plant and not from branch tip to branch tip. Use trees and shrubs of no. 1

7. Stake out all tree locations and planting beds and obtain approval from architect/landscape architect/owner before excavation. The location of trees and planting areas where shown on proximate only and may require adjustment due to site conditions or as directed by the consultant.

8. Plant only under conditions that are conducive to health and physical conditions of plants. 9. Provide planting schedule, extending planting operations over a long period. Using limited crew will not be accepted. 10. Excavate planting pits and beds to depth indicated on details. Fill with a planting mixture of

one part peat moss, six parts topsoil with commercial bonemeal for planting holes in heavy soils if natural drainage does not exist. Have method approved. 11. Immediately following any planting operations, remove all debris and excess material from site, leaving the site neat and tidy.

12. It is the contractor's responsibility to maintain plant material for 30 days following planting or until time of final acceptance. Maintenance of plant material during warranty period is the

13. Maintenance tasks until time of final acceptance to include all of the following: .1 Watering

.2 Fertilizing .3 Weed Control

.4 Insect and Fungus Control .5 Pruning

14. Submit seperate maintenance cost for consideration by owner during warranty period only. Refer to maintenance specifications. Topsoil Placement & Fine Grading

1. Ensure that the approval has been obtained for rough grading prior to proceeding with this 2. Scarify the rough graded areas to provide a loosened surface in order to allow bonding of

the topsoil. 3. Spread topsoil on the prepared and accepted rough graded surface to a minimum depth of 100 mm firmly packed. 4. Keep topsoil 25 mm below finished grade for sodded areas elsewhere bring topsoil up to

finished grade of adjacent surfaces. 5. The finished surface is to be smooth and even with no ruts, clods or contaminants. 6. Remove stones in excess of 10mm for area to be seeded. 7. Hand rake areas to be seeded or sodded as a final surface preparation coordinating the work

to ensure that seeding or sodding can occur as soon as possible after raking has been 8. Ensure the soil texture match the city of Toronto standards: A sandy loam texture profile (with 50-60% sand, 20-40% silt, and 6-10% clay), 2-5% organic matter by dry weight, and a

maximum PH pf 7.5

1. Schedule deliveries in order to keep storage at job site to a minimum without causing delays. 2. Sod shall be certified #1 Nursery Grown sod containing 50% merion blue grass and 50% kentucky blue grass. It shall be no greater than 40mm (1-1/2") in thickness and with accordance with the classification of turf grass sod for the province by the national sod growers association. 3. Obtain approval of topsoil grade and depth before starting sodding. Areas to be smooth graded by a landscape grader and hand raked to provide a completely smooth and even surface. 4. Lay sod in rows, perpendicular to slope, smooth and even with adjoining areas and with joints staggered. Butt sections closely without overlapping or leaving gaps between sections. Cut out irregular or thin sections with a sharp knife.

5. Stake all sod on slopes greater than 1:5 (20%). 6. Roll sod immediately after laying to press sod firmly on to the surface soil. 7. Water immediately after sod laying to obtain moisture penetration through sod into top 100mm (4") of topsoil. Water by means of a water truck or if approved, by hydrant to obtain a complete drenching. Watering by small hose and sprinkler is not sufficient. For the first 30

days, soak to this depth at least once a week. 8. Water in similar manner thereafter if sufficient rain does not fall, in order to keep the underlying surface moist. Watering until acceptance of the sod is the contractors responsibility. 9. Immediately clean up soil or debris spilled onto pavement and dispose of deletrious materials. 10. Sodded areas will be accepted and warranty period begins provided that:

.1 Sod is completely green .2 Sodded areas have been cut minimum of two times

.3 Sod is knit to underlying soil and cannot be lifted when tugged by hand. 11.lt is the contractors responsibility to maintain sod until time of sod acceptance. Maintenance of sod after acceptance is the responsibility of owner.

100mm depth shredded bark mulch

planting. Allow for settlement when setting plants. For plants greater than 500mm ht., set plants 50mm higher than finished grade. Bed to be soaked immediately after planting. Prune out dead or damaged branches

Maintain original grade of shrub base after

Provide clean sharp spade out bed edge

Clean prune all damaged root ends and wash

planting soil into spaces around root ball +/-450mm depth soil to consist of 50-60% sand, 20-40% silt, 6-10% clay, 2-5% organic. Tamp soil in base of pit to prevent settlement Compacted disturbed subgrade or 100mm depth minimum scarified subgrade

Perennial & Ornamental Grass Compacted fill or undisturbed subgrade

1. For planting in poorly drained soils install plant material so that root collar is 75-100mm above grade 2. Remove container and maintain soil ball intact. Container to be cut carefully away from root system so as

not disturb soil ball.

100mm depth shredded bark mulch Maintain original grade of shrub base after

planting. Allow for settlement when setting plants. For plants greater than 500mm ht., set plants 50mm higher than finished grade. Bed to be soaked immediately after planting. Prune out dead or damaged branches.

Provide clean sharp spade out bed edge

Clean prune all damaged root ends and wash planting soil into spaces around root ball. +/-450mm depth soil to consist of 50-60% sand, 20-40% silt, 6-10% clay, 2-5% organic. Tamp soil in base of pit to prevent settlement.

Compacted disturbed subgrade or 100mm depth minimum scarified subgrade.

Compacted fill or undisturbed sub-grade

Tree to have a strong central leader Tree to be set plumb. Prune any dead, damaged, double leaders and narrow angle branch unions

Stake tree immediately after planting using biodegradable tie material (not plastic). Stake with 2-50mm dia. wood stakes, driven beside and below root ball 300mm. Use 3 wooden stakes for 70mm caliper trees. Avoid damage to roots and branches when installing stakes

be removed for trunk inspection Rodent guard where required: 150mm corrugated plastic pipe or equal Cut and remove wire, burlap and twine from trunk and top 1/2 of rootball.

Trunk wrapping in place for planting and to

Remove all ties from collar of plant Set top of root ball 50mm minimum above finished grade. For poorly drained soil, see note below. Provide topsoil saucer 100mm above finished grade. Pit and suacer to be soaked with water immediately after installation. 50mm depth shredded bark mulch or approved equal

Provide clean sharp circular sod / seed edge 300mm depth topsoil (min 25% organic content) minimum 300mm around rootball Back-fill with native soil to within 300mm of finished grade. Soil should be evenly mixed, free of lumps, debris and toxic contaminants. Do not allow air pockets when filling and

amend clay soil conditions as directed Deciduous Tree 100mm depth minimum scarified subgrade 1. No tree pits shall be left open over night. Compacted fill or undisturbed sub-grade 2. Sides surfaces of all tree pits to be scarified.

3. For planting in poorly drained soils install plant material so that root collar is 75-100mm above grade 4. Trees to be planted by hand or backhoe. No tree spades or augering permitted. 5. Remove stakes at close of second growing season or upon expiry of warranty period.

CONCRETE SPECIFICATIONS

1. Concrete materials and methods of construction to comply with Can3-A23.1-M77 2. Contractor to verify accuracy of concrete details and reinforcement prior to installation

3. Provide the following materials accordingly;

All wood to be cedar. All hardware

Step panels at posts, MAX 150mm

and fasteners to be galvanized.

3.1. Cement - to Can3-A5-M77M Normal Type 10 3.2. Aggregates (for concrete) - to Can3-A23.1-M77

3.3. Reinforcing Steel (if specified) - to CSA 630.12-1972 3.4. Wire Ties (if specified) - to CSA 630.3-1972 (R1979) Plain, cold drawn annealed steel wire

3.5. Form Stripping Agent - Colourless mineral oil, free of kerosene 3.6. Latex Bonding Agent - Sika Bond by Sikamix Ltd. or approved equal

3.7. Form Lumber - Clean, free of loose knots, splits and with repairs made smoothly and securely.

3.8. Joint Fillers - 20 mm thick, preformed, non-extruding, resilient bituminous type

3.9. Add mixtures - to be used only when approved by engineer 3.10. Aggregates (for base) - 19mm Crusher Run limestone shall be produced by crushing limestone to OPSS 010.05.03.06 physical requirements

3.11. Water (for mixing and curing) - to be reasonably clean and free of oil, salt, acid, alkali, sugar, organic matter, or other substances injurious to the finished product and shall meet the requirement of CSA

4. Class C-2 exposure concrete mix to provide a compressive strength of 32 Mpa at 28 days, entrained air of 5 to 7 percent and a slump at point of discharge of 60 mm for curbs and footings

5. Granular base to be compacted to 95 percent maximum dry density to ASTM D698-78 and to depths as 6. Pour concrete in favourable weather conditions

7. Apply surface finishes as detailed

8. Provide expansion and contraction joints as detailed

9. Repair defective areas while concrete is still plastic, or remove defective work and replace with new concrete 10. Concrete areas will not be accepted under the following conditions; 10.1. Failure to meet requirements of this specification

10.2. Excessive honeycombing or embedded debris 10.3. Average strength in any area is less than 95 percent of the specified minimum

Concrete Detail and Specifications

10.4. Surface irregularities 10.5. Cosmetic and structural damage (e.g., cracks, chipped edges)

10.6. Poor quality workmanship

11. It is the contractor's responsibility to maintain and protect concrete areas until time of final acceptance Tooled concrete edge with Joint sealant tool surface to a slight concave 20mm max width bituminous fibre board Flexcell Joint Filler c/w breakaway cap to within 10mm of top of paving. Fill joint with sealant caulk, colour to match concrete. Locate joints @ 6000mm O.C., changes in material, adjacent to structures or as indicated otherwise on drawings. Expansion and control joints to meet OPSD 552.01

Control Joint **Expansion Joint** Typical Joints

Fiberboard expansion joint (typ.) @ ± 6000 mm or as shown on plan. Provide caulking in expansion joint. Do not finish concrete with a tooled edge 40mm depth saw cut control joint at ±1500mm or as shown on plan 150mm thick C.I.P. concrete, 32 MPa at 28 days, 5-7% air entrained, light broom finish 150mm compacted depth 19mm Ø crusher run compacted to 98% SPD Composted subgrade as per Geotechnical engineer report recommendation

Iron Eagle Decorative Metal Fence & Gate

Anchoring Hardware to be non-corrosive as supplied by manufacturer. Anchoring that corrodes within warranty period will require the removal, replacement and pavement repair by the Contractor at their expense. Bike Ring 10M threaded stainless steel anchor bolt - Drill & Tamper-proof nut secure with Hilti adhesive Peen threaded end CONCRETE of anchor bolt PAVING (TYP)

Bike Ring Surface Mount

25mm chamfer on post top

38 x 140 cap

19 x 140 nailer

38 x 140 naile

19x140 vertical fence

140x140 post w/ 20mm

groove to accept fence boards

19 x 140 nailer (private side)

38 x 140 nailer (public side)

50x65mm steel angle bracket. Lag

oolt to post and bottom nailers

350mm Ø foundation. Form top

19mm Ø clear crushed Granular 'A' to

Undisturbed/compact subgrade

600mm with sonotube

150mm depth

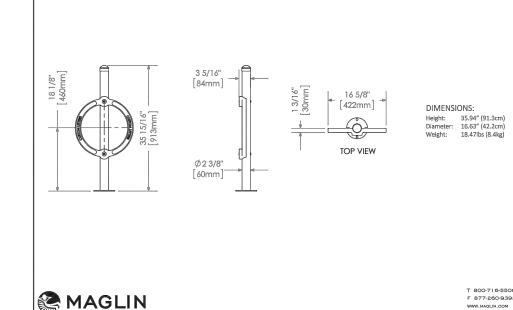
SECTION A-A

board, butt joint

200 SERIES MBR200-S-L

MATERIALS: The bike rack is constructed using galvanized H.S. steel tube and an aluminum casting. Custom raised lettering is available The bike rack uses a galvanized post with a natural finish on the aluminum ring casting. NSTALLATION: The bike rack is delivered pre-assemble

TO SPECIFY: Select MBR200-S-L - Natural Aluminum/Galva - Surface Mount (MBR200-S-G OPTIONS: Personalization



BIKE RING: MBR200-S-L by MAGLIN

PANEL WIDTH 95.75" [2432mm] -----イ ← CLEAR BETWEEN MOKETS 3.76* [95mm] PRE—PUNCHED RAILS FOR PICKET INSERTION PANEL HEIGHT PANEL WIDTH POST CENTERS UP TO 6FT. HIGH 95 3 [2432mm] 101 [2565mm] 7FT. AND HIGHER 74 🐉 [1899mm] 80" [2032mm] NOTE: ENQUIRE ABOUT PANEL WIDTHS OF 95 3 [2432]
FOR PANELS ABOVE 72 [1829] HIGH FITTINGS: 12GA. STAMPED MARINE GRADE ALUMINUM FINISH AS DESCRIBED

POSTS RAILS: EXTRUDED MARINE ALUMINUM 6061-T6
& PICKETS PRIME ALUMINUM, NORTH AMERICAN PRODUCED

WELDS: ALUMINUM - FULL BEAD ON PUBLIC SIDE - TACK WELD ON PRIVATE SIDE COLOUR: STANDARD COLOURS ARE BLACK, SEMI-BLACK BROWN, GREEN, WHITE AND FOREST GREEN. (CUSTOM COLOURS AVAILABLE UPON REQUEST POSTS: 76mm x 76mm (3"x3"), .188 WALL OPTION: 102mm x 102mm (4"x4"), .188WAL WARRANTY: 20 YEAR LIMITED POST FLANGES: 152mm x 152mm x 6mm (6"x6"x4") OR 203mm x 203mm x 13mm (8"x8"x4") POST CAP: PYRAMID OR BALL NOTE: ALL TYPES OF GATES AVAILABLE TAMPER PROOF NUTS AVAILABLE RAILS: 38mm x 64mm (1½" x 2½"), .120WALL PICKETS: 19mm x 38mm (2" X 1 ½"), .065WALL

IRON EAGLE II ALUMINUM E-A01 ELEGANT EAGLE II

Note: All Drawings by Baker Turner inc. to be Printed in Colour.

REVISIONS

2022.05.05 Issued for Submission 2020.12.10 Issued for Submission

DATE DESCRIPTION

2020.09.03 Issued for Client Review

NOTE: Contractor is to check and verify all dimensions and conditions on the project, and is to immediately report any discrepancies to the landscape architect before proceeding with the work.



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Landscape Architecture | Site Design

2010 Winston Park Drive Tel: (289) 291-7620 Oakville Ontario L6H 5R7 email: tba@bakerturner.com

Project Title Mill Street Residential

Mill Street Residential 16 & 18 Mill Street

Georgetown, ON Details and Specifications

Date Issued August 2020 Job Number Drawn By BTI-1517 Scale Checked By As Shown Sheet Number File Number FILE NO. L.2 of 2

Planting Plan and Specifications