

LAYING DETAIL STYLE: MELVILLE PLANK PAVERS BY PERMACON OR EQUIVALENT PATTERN: RUNNING BOND WITH MIXED WIDTH **PAVERS** COLOUR: TO BE DETERMINED **INSTALLATION:** COMPACTED COURSE BASE MATERIAL OF ONTARIO MTC GRANULAR A OR APPROVED EQUAL SHALL BE A MINIMUM OF 100MM IN DEPTH. 2. BEDDING COURSE OF CLEAN WELL GRADED SAND TO CSA A23.1-1973 SHALL BE SPREAD LOOSELY TO A UNIFORM DEPTH OF 30MM AND SCREEDED TO THE GRADE AND PROFILE DESIGNATED. INSTALL UNIT PAVERS WITH JOINTS OF APPROXIMATELY 3MM. WHERE REQUIRED, CUT PAVING STONES WITH AN APPROVED CUTTER TO FIT ACCURATELY, NEATLY AND WITHOUT DAMAGED EDGES. 5. COMPACT PAVERS TO ACHIEVE CONSOLIDATION OF THE SAND BEDDING USING A SUITABLE PLATE COMPACTOR. 6. AFTER COMPACTION JOINTING SAND SHALL BE SPREAD OVER THE PAVEMENT AND BROOMED TO FILL THE JOINTS. THE SAND SHALL BE AS SPECIFIED IN INSTALL EDGE RESTRAINT WHERE PAVING MEETS SOFT SURFACE SUCH AS TURF OR PLANTING BEDS. - SAND FILLED —PAVE EDGE RESTRAINT JOINTS **PAVERS** \$30mm BEDDING COURSE COARSE 210mm GRANULAR BASE CROSS SECTION

LANDSCAPE NOTES

PRIOR TO PLANTING.

TREE PROTECTION

AVOIDED

EQUIPMENT.

LABORATORY.

BENCHES

AND TOXIC MATERIAL

TO CONSIST OF:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND

SHALL NOT EXCEED A 3:1 SLOPE.

CONDITIONS ON SITE PRIOR TO THE COMMENCEMENT

GRADES WITHIN THE SITE AND AT PROPERTY LINE

4. PROTECTIVE FENCING IS TO BE ERECTED AROUND

CONSTRUCTION AREA TO 1.0M BEYOND THE

THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL

UNDERGROUND SERVICES AND UTILITIES STAKED OUT

ALL EXISTING TREES TO BE PRESERVED WITHIN THE

"DRIPLINE" AS NOTED ON THE OVERALL LANDSCAPE

ALL PROTECTIVE FENCING IS TO REMAIN IN PLACE

AND IN GOOD REPAIR THROUGHOUT CONSTRUCTION.

NO HEAVY EQUIPMENT IS TO BE OPERATED WITHIN

THE PROTECTED AREA OF TREES TO BE SAVED.

NO EXCAVATION SHOULD BE CARRIED OUT WITHIN

THE DRIPLINES OF THE TREES TO BE SAVED.

8. FLOODING WITHIN THE PROTECTED AREA IS TO BE

9. NO MATERIALS OR EQUIPMENT IS TO BE STORED

10. NO CONTAMINANTS ARE TO BE DUMPED WITHIN THE

11. ANY LIMBS THAT ARE TO BE CUT OR REMOVED TO

ACCOMMODATE CONSTRUCTION WORK WILL BE

REMOVED CAREFULLY WITH PROPER PRUNING

12. IF ANY ROOT SYSTEMS OF PROTECTED TREES ARE

THEY SHALL BE TRIMMED NEATLY AND THEN

OVERALL PRUNING TO RESTORE THE BALANCE

14. ANY PRESERVED TREES THAT HAVE DIED OR HAVE

BEEN DAMAGED BEYOND REPAIR, SHALL BE

15. ALL SOIL SHALL BE TESTED BY A ASTM/CSA

SOURCE BEFORE DELIVERY TO THE SITE.

AS RECOMMENDED BY THE SOIL TESTING

PRIOR TO PLACEMENT OF TOPSOIL.

SPOTS TO ENSURE POSITIVE DRAINAGE.

450mm FOR SHRUB BEDS

2-5% ORGANIC MATTER

PH OF 7.5 OR LESS

TO SOD OR SEED APPLICATION.

THE TOTALS ON THE PLANT LIST.

INDICATED BY PLANTING DETAILS.

SPECIFICATIONS AND STANDARDS.

OF THE WARRANTY PERIOD.

PLANTING BEDS.

<u>SODDING:</u>

150mm OF TOPSOIL.

AND SODDING BY CONTRACTOR.

SODDED A MIN. OF 1.0m WIDE.

TIMES UNTIL INSTALLATION.

<u>MAINTENANCE:</u>

ACCEPTANCE.

WATER IN WELL

WARRANTY:

UNTIL FINAL ACCEPTANCE.

NURSERY TRADES ASSOCIATION METRIC

21. SPREAD TOPSOIL TO THE FOLLOWING MINIMUM

A MINIMUM DEPTH OF 100mm

DEPTHS AFTER SETTLEMENT:

50-60% SAND

20-40% SILT

6-10% CLAY

REPLACED BY THE CONTRACTOR AT HIS OWN

APPROVED BY THE OWNER'S REPRESENTATIVE.

ACCREDITED SOIL TESTING LABORATORY AT THE

16. THE CONTRACTOR IS RESPONSIBLE FOR AMENDMENTS

17. TOPSOIL IS TO BE FREE OF SUBSOIL, STONES 50MM

IN DIAMETER OF LARGER, ROOTS, WEEDS, DEBRIS

18. CONTRACTOR TO VERIFY THAT GRADES ARE CORRECT

19. CULTIVATE THE ENTIRE AREA TO RECEIVE TOPSOIL TO

150mm FOR SODDED AND SEEDED AREAS

20. GRADE SOIL, ELIMINATING UNEVEN AREAS AND LOW

900mm FOR TREE PLANTING AREAS

22. TOPSOIL FOR SODDED AREAS AND PLANTING BEDS

23. THE DEPTH OF TOPSOIL WILL BE INSPECTED PRIOR

24. THE QUANTITIES INDICATED ON THE PLAN SUPERSEDE

25. EXCAVATE AND PROVIDE PLANTING SOILS TO DEPTHS

26. ALL PLANT MATERIAL TO CONFORM TO THE CANADIAN

27. THE CONTRACTOR IS TO ENSURE THAT NO OPEN

TREE PITS ARE LEFT UNATTENDED ON SITE.

28. ALL EVERGREENS ARE TO BE WRAPPED THE FIRST

WINTER AT THE EXPENSE OF THE CONTRACTOR. 29. ALL TREES & SHRUBS ARE TO BE PLANTED AND

STAKED IN ACCORDANCE WITH PLANTING DETAILS.

31. ALL TREE STAKES ARE TO BE REMOVED AT THE END

32. ALL SHRUBS ARE TO BE INSTALLED IN CONTINUOUS

33. LAWN AREAS ARE TO BE SEEDED WITH A LOW

MAINTENANCE SEED MIXTURE CONSISTING OF:

40% AUDUBON CREEPING RED FESCUE

20% SOUTHPORT CHEWING FESCUE

20% FENWAY CREEPING RED FESCUE

HYDROSEED AT AT RATE OF 185KG PER HECTARE

CONFORMING TO THE CANADIAN NURSERY TRADES

37. BOULEVARD IS TO BE RESTORED WITH FINE GRADING

38. THE BOTTOM OF ALL DRAINAGE SWALES ARE TO BE

39. WHERE THERE IS ANY DELAY IN INSTALLATION, THE

AGAINST ADVERSE WEATHER CONDITIONS AT ALL

40. WATER PLANT MATERIAL 3 TIMES A WEEK FOR FIRST

ACCEPTANCE (ONE YEAR FROM INSTALLATION).

41. KEEP SOIL WITHIN PLANTING SAUCER AND WITHIN

PLANTING BEDS FREE FROM WEEDS UNTIL FINAL

42. WATER SOD SUFFICIENTLY TO MAINTAIN SOIL UNDER

SODDING WITH 2:1:1 RATIO FERTILIZER SPREAD

44. MAINTAIN SODDED AND SEEDED AREAS WEED FREE

43. FERTILIZE SODDED AREAS ONE MONTH AFTER

45. ALL MATERIALS AND WORKMANSHIP TO BE

SUBSTANTIAL COMPLETION OF WORK.

GUARANTEED FOR ONE FULL YEAR FROM

46. THE CONTRACTOR IS TO REMEDY ANY DEFECTS AND

OF THE SAME QUALITY AND REQUIREMENTS

PRESCRIBED FOR ORIGINAL MATERIALS.

PAY FOR ANY DAMAGE TO OTHER WORK RESULTING

THEREFROM, WITHIN A PERIOD OF ONE YEAR. ALL

PLANT MATERIAL USED AS REPLACEMENTS SHALL BE

SOD CONTINUALLY MOIST TO DEPTH OF 75mm (MIN OF THREE TIMES PER WEEK FOR FIRST 4 WEEKS).

EVENLY AT RATE OF 1kg OF NITROGEN/100m2 AND

4 WEEKS AND THEN SUFFICIENTLY THEREAFTER TO

MAINTAIN OPTIMUM GROWING CONDITIONS UNTIL FINAL

SOD SHALL BE KEPT MOIST, COOL AND PROTECTED

ASSOCIATION SPECIFICATIONS AND STANDARDS.

36. ALL SOD IS TO BE PLACED OVER A MINIMUM OF

20% CASCADE CHEWING FESCUE

34. EROSION CONTROL FABRICS TO BE INSTALLED ON

35. SOD SHALL BE NO. 1 GRADE NURSERY GROWN

ALL SLOPES GREATER THAN OR EQUAL TO 4:1.

30. OBTAIN APPROVAL FOR SUBSTITUTIONS FROM THE

13. IF NECESSARY, THE TREES WILL BE GIVEN AN

THE APPEARANCE OF THE TREE.

TOPSOIL & FINISH GRADING:

EXPOSED OR DAMAGED BY CONSTRUCTION WORK,

BACKFILLED WITH TOPSOIL TO PREVENT DESICCATION

BETWEEN ROOTS AND TOP GROWTH OR TO RESTORE

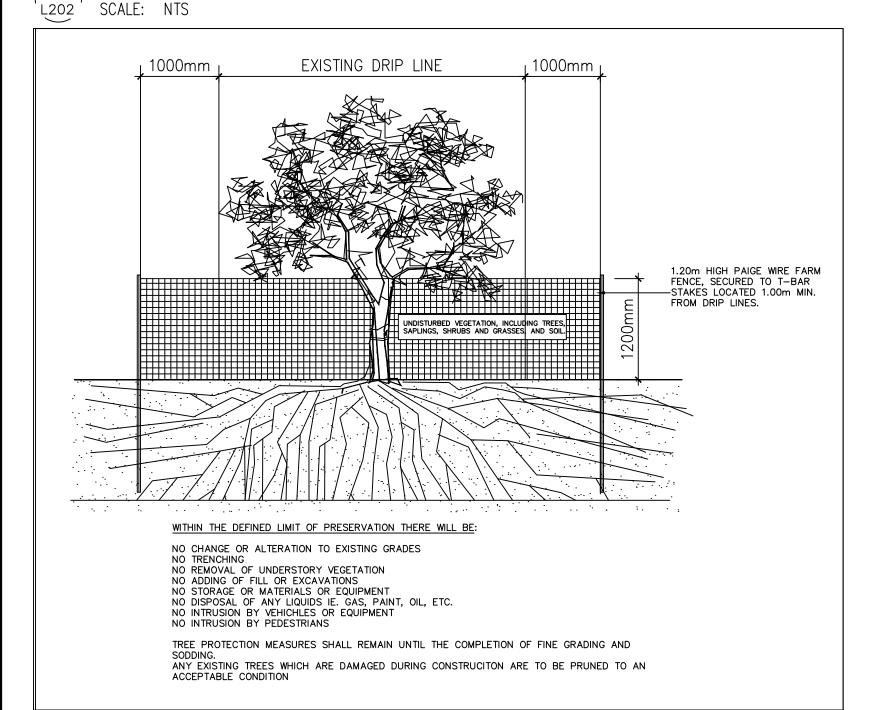
EXPENSE WITH TREES OF A SIZE AND SPECIES AS

WITHIN THE PROTECTIVE FENCING.

PROTECTIVE FENCING.

GENERAL NOTES:

UNIT PAVER DETAIL SCALE: NTS

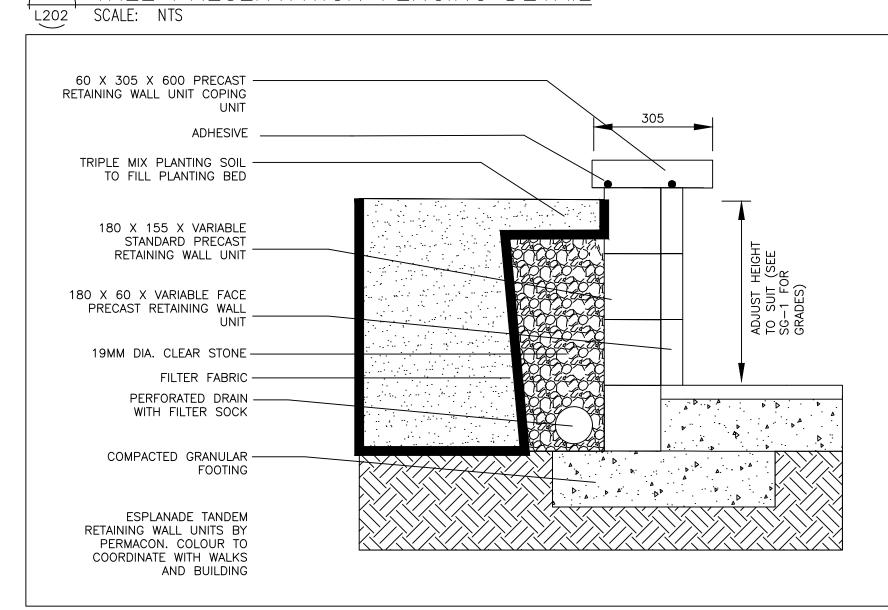


TREE PRESERVATION FENCING DETAIL

LANDSCAPE RETAINING WALL DETAIL

L202 SCALE: 1:10

RIVERSTONE DETAIL



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MAGLIN T 800-716-5506 F 877-260-9393 WWW.MAGLIN.COM SALES@MAGLIN.COM MLB400 SERIES Bench frame is made from H.S. steel tube and flat bar. The seat and back employ lpe wood slats, High Density Paper Composite or recycled plastic slats. FINISH: All steel components are protected with E-Coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal MLB400-W surfaces. Wood slats are finished with penetrating sealers. INSTALLATION: The bench is delivered pre-assembled. Holes (0.5") are provided in each foot for securing to TO SPECIFY: Select MLB400 Series Choose: - lpe MLB400-W - HDPC - MLB400-PCC (Charcoal) - MLB400-PCB (Dark Brown) - Recycled Plastic MLB400-PCC - MLB400-RC (Cedar - MLB400-RS (Sar APPROVED - MLB400-RG (Gre By Krishon Walker at 12:25 pm, Dec 29, 2019 Powdercoat Color 33.50" PLANNING, INFRASTRUCTURE & ECONOMIC DEVEVELOPMENT DEPARTMENT, CITY OF OTTAWA Height: 33.50" (85.1 cm) Length: 70.00" (177.8 cm) Depth: 24.625" (62.5 cm) Seat: 18.00" (45.7 cm) Weight: 175lbs (80kg)

OVER AN AREA OF THE ROOTBALL KEEP MULCH 150MM AWAY FROM FINISHED GRADE ROOTBALL, BURLAP, TWINE - CUT AND REMOVE ALL WIRE PLANTING AREA: - ACTUAL HOLE TO BE 300MM ROPE, BURLAP AND TWINE FROM AROUND TRUNK AND WIDER AROUND THE PERIMETER OF THE ROOTBALL SOIL PREPARATION AREA TO BE THE TOP 1/3 OF ROOTBALL 5X ROOTBALL DIAMETER TO A DEPTH OF 300MM FOR AFRATION DECIDUOUS TREE PLANTING DETAIL N.T.S. PLANTING NOTES CONTRACTOR IS RESPONSIBLE FOR OBTAINING WRITTEN CONFIRMATION OF UITILY LOCATES PRIOR TO COMMENCING DIGGING PLANTING DEPTH: - TO BE 1/3 TOPSOIL, 1/3 - IN HEAVY CLAY OR POORLY MANURE, 1/3 SAND - HOLE TO BE BACKFILLED AND DRAINED SOIL ALL WOODY PLANTS TO BE PLACED SO THAT THE ROOT COLLAR I POSITIONED 75-100MM HIGHER THAN SURROUNDING GRADE WATERED TO ELIMINATE AIR POCKETS CROWN PRUNING: WATERING: - ENSURE TREES ARE THOROUGHLY PRUNE AT PLANTING TO WATERED AT PLANTING AS CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND DOUBLE LEADERS. NEVER CUT A LEADER - MULCH WITH SHREDDED BARK OR STAKES AND TIES: COMPOSTED HARDWOOD CHIPS TO A MAXIMUM DEPTH OF 75MM. - STAKE IMMEDIATELY - USE 3 WOOD STAKES FOR OVER AN AREA OF THE ROOTBALL. TREES UP TO 2M HEIGHT - STAKES TO BE DRIVEN 300MM KEEP MULCH 150MM AWAY FROM < INTO SOLID SOIL, AT AN ANGLE NO LESS THAN 45d SPACES IN 1/3'S OF A CIRCLE USE BIODOGRADABLE MATERIAL SUCH AS FOLDED BURLAP FINISHED GRADE PLANTING AREA: FENCE STAPLES OR ROOFING - ACTUAL HOLE TO BE 300MM NAILS TO TIE THE TO THE STAKES WIDER AROUND THE PERIMETER THE ROOTBALL SOIL PREPARATION AREA TO BE 5X ROOTBALL DIAMETER

- SCARIFY SOIL PREPARATION AREA TO A DEPTH OF 300MM FOR AERATION STAKE —

PLANTING NOTES

COMMENCING DIGGING

TRUNK PROTECTION:

WRAP WITH PLASTIC

BRANCHES

AIR POCKETS

FOR TRUNK INSPECTION

FROM THE GROUND UP TO

RODENT GUARDS TO FIRST

PLANTING SOIL:
- TO BE 1/3 TOPSOIL, 1/3

WATERED TO ELIMINATE

MANURE, 1/3 SAND - HOLE TO BE BACKFILLED AND

CONCURRENTLY TAMPED AND

- ENSURE TREES ARE THOROUGHLY

AFTER AS SPECIFIED IN NOTES

MULCH WITH SHREDDED BARK OR

COMPOSTED HARDWOOD CHIPS TO A MAXIMUM DEPTH OF 75MM.

WATERED AT PLANTING AND

- TRUNK WRAPPING IN PLACE PRIOR TO PLANTING TO BE TOTALLY REMOVED

WHEN REQUIRED USE ONLY APPROVED

TREE WRAP MATERIAL AND INSTALI

ABOVE THE LOWEST BRANCHES.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING WRITTEN CONFIRMATION OF UITILY LOCATES PRIOR TO

- IN HEAVY CLAY OR POORLY

DRAINED SOIL ALL WOODY

PLANTS TO BE PLACED SO

THAT THE ROOT COLLAR IS

THAN SURROUNDING GRADE

PRUNE AT PLANTING TO

BROKEN, DAMAGED AND

DOUBLE LEADERS AND

STAKES AND TIES:
- STAKE IMMEDIATELY

NARROW ANGLE BRANCH

UNIONS. THIN HEAD WHEN AND WHERE APPLICABLE

TIE USING BIODEGRADABLE

MATERIAL SUCH AS FOLDED BURLAP, ETC.

STAKES TO BE PLACED TO

USE 2 WOODEN STAKES TO

USE 3 WOODEN STAKES OR

APPROVED EQUAL FOR LARGE TREES WHEN SPECIFIED

BE DRIVEN BESIDE AND BELOW ROOTBALL 300MM

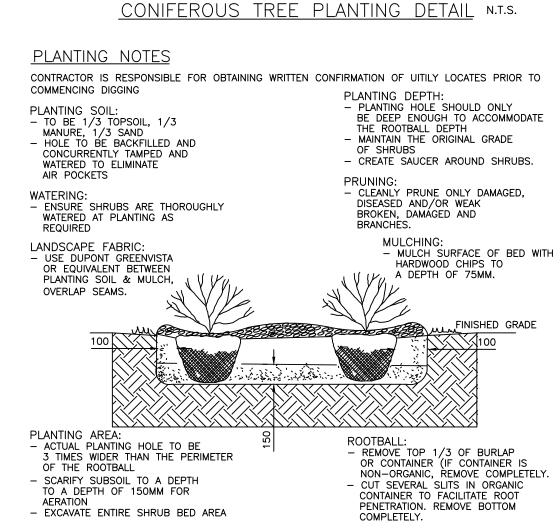
PREVENT DAMAGE TO ADJACENT BRANCHES

CAREFULLY REMOVE DEAD.

POSITIONED 75-100MM HIGHER

- BURLAP TO TIE ALL STAKES AND TREE TRUNK IN1A CONTINUOUS LOOPING - AVOID CONTACT OF STAKES WITH TREE TRUNK ROOTBALL, BURLAP, TWINE:

- CUT AND REMOVE ALL WIRE, ROPE, BURLAP AND TWINE FROM AROUND TRUNK AND THE TOP 1/3 OF ROOTBALL



SHRUB PLANTING BALLED & BURLAPPED & CONTAINER GROWN N.T.S.



Scale: n.t.s

SCIENTISTS

2 STEACIE DRIVE

SOILS & ENVIRONMENTAL:

OTTAWA, ONTARIO, K2K 2A9

GEMTEC CONSULTING ENGINEERS

CONSULTANTS: PROPERTY OWNER: PINECREST REMEMBRANCE SFRVICES ITD. 2500 BASELINE ROAD OTTAWA, ON K2C 3H9 (6|3) 83|-7|22

ARCHITECT:

(6|3) 836-|422 SURVEY: FARLEY, SMITH & DENIS SURVEYING LTD 190 COLONNADE ROAD, UNIT #10 OTTAWA, HOBIN ARCHITECTURE ONTARIO K2E 7J5 INCORPORATED (6|3) 727-8226 63 PAMILLA STREET OTTAWA ON KIS 3K7 MECHANICAL:

6|3-238-72*00* BEKOLAY & ASSOCIATES LTD. SUITE 460 - 505 MARCH ROAD OTTAWA SITE SERVICING: *O*N K2K 2M5 NOVATECH ENGINEERING (6|3) 254-5566 CONSULTANTS LTD. SUITE 200 240 MICHAEL ELECTRICAL: COWPLAND DRIVE OTTAWA, ON K2M IP6 (6|3) 254-9643

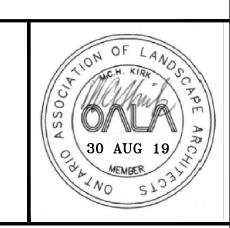
26|| QUEENSVIEW DR. OTTAWA ON K2B 8K2 6|3) *690*-3752 LANDSCAPE: CATHERINE H. KIRK LANDSCAPE STRUCTURAL: **ARCHITECT**

DAIDO STRUCTURAL ENGINEERS 1379 CONCESSION IO || - 300 EARL GREY DRIVE SUITE 2|3 F*O*RM*OSA O*N K*OG* IW*O* OTTAWA ON K2T ICI (5|9) 623-9324 (6|3) 302-8972

6|16 DEC 19| ISSUED FOR BUILDING PERMIT 5|20 NOV 19| RESUBMIT FOR SITE PLAN APPROVAL RESUBMIT FOR SITE PLAN APPROVAL 4|30 AUG 19| SUBMIT FOR SITE PLAN APPROVAL 3|15 JUN 19| 2 2 MAY 19 COORDINATED WITH GRADING/SERVICING 24 AUG 18 ISSUED FOR PRICING

Revisions:

Date



Description





Pinecrest Remembrance Services 2500 Baseline Road, Ottawa, Ont. K2C 3H9 613-829-3600

HIGHLAND PARK REMEMBRANCE 2037 McGEE SIDE ROAD OTTAWA, ONTARIO

& DETAILS

AS NOTED Scale:

Date: 13 MARCH 2018

Project No.: 201721

File No.: D07-12-19-0112

Drawing Number:

