





'A' Tache Black Industria (maath (ar approved equal)	Field	(0000
TYPE DESCRIPTION	PATTERN	SIZE
1. Paver types are as follows:		

Pre-Cast Concrete Unit Pavers Scale: NTS

Permeable Pre-Cast Concrete Unit Pavers Scale: NTS

LANDSCAPE NOTES:

- 1. All work to be carried out in accordance with by-laws and codes
- having jurisdiction over site location. 2. Complete all work to the satisfaction of the Landscape Architect.
- 3. Report any changes, discrepancies or substitutions to the Landscape Architect for review. Obtain approval from the Landscape Architect before proceeding. 4. It is the contractor's responsibility to determine existing service
- locations. 5. Exact locations of plant material will be determined by placement of
- site services such as hydro vaults, meters, utilities roof rain water leaders, driveways, light standards, etc.
- 6. All plant material locations to be staked or marked out and
- approved by Landscape Architect prior to installation. 7. Supply all plant material in accordance with the Canadian Standards for Nursery Stock (8th ed.).
- 8. Install plant material according to details shown.
- 9. Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as 'Cedar Bark Mulch' by All Treat Farms or 'Classic Cedar Mulch' by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
- 10. Contractor to utilize layout dimensions where provided 11. Provide planting bed area as noted on the drawing or to
- accommodate mature size of plant material. 12. All support systems must be removed by the contractor at time of
- final acceptance. No extras will be paid to complete this work 13. Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing
- Medium) to a minimum depth of 150mm unless otherwise specified. 14. Supply and place sod in accordance with Canadian Landscape Standard (Section 7, Lawns & Grass and Section 8, Turfgrass Sod)unless otherwise specified.
- 15. Supply and place seed in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) unless otherwise specified. All 5:1 or greater slopes to be seeded with tacifier. Contractor to provide necessary erosion control protection as required to ensure soil stabilization and proper seed germination.
- 16. All dimensions in meters unless otherwise noted.
- 17. If discrepancies arise between plant material count shown on drawing and plant list, the drawing shall be considered correct.
- 18. Contractor to provide minimum one (1) year warranty (including trees on municipal property) from date accepted on all work unless otherwise specified.
- 19. Any site plan or grading and servicing shown is for information only. Refer to approved drawings.
- 20. Not for construction unless stamped, signed and dated by
- Landscape Architect. 21. Drawings not to be reproduced without written consent from
- Landscape Architect. 22. Approval of landscape plan to be obtained from municipality.
- 23. All plant material to be planted a minimum of 1.0m from any swales
- or ditches. 24. For grading and servicing information refer to the consulting
- Engineer's drawings. 25. For lighting information and power distribution refer to the electrical consultant's drawings.

CITY OF HAMILTON LANDSCAPE NOTES:

- 1. Any plant material substitutions require the approval of the City of
- Hamilton. 2. Plant material and fencing shall be minimum to be provided by the
- owner. Any additions must comply to the zoning by-law. 3. Any sodding, planting or work on lands abutting the property from the
- lot lines to sidewalk and curbing, shall be to the satisfaction of the City of Hamilton. 4. All landscaping shall be installed prior to the end of the first growing
- season following the occupancy of the development. 5. Unless otherwise specified all landscaped areas are to be sodded. 6. Unless otherwise specified all undeveloped areas shall be undisturbed and kept free and clear of debris and maintained.

PLANTING NOTES (HAMILTON):

- 1. Soil mixture: four (4) parts native soil, one (1) part well rotted compost. If existing soil is not suitable provide triple mix topsoil or approved eaual.
- 2. Saucer shall be soaked with water and mulched immediately
- following planting. 3. Massed shrubs shall be planted in continuous mulched beds unless otherwise noted.
- Staking schedule; < 30mm caliper size/ 2000mm ht. - one stake 30-50mm caliper size/ 2500mm ht. - two stakes
- > 50mm caliper no stakes
- 5. All support systems must be removed once tree is established. 6. All trees to be straight and planted vertically regardless of slope.
- 7. Top of root flare shall be positioned 50mm above grade. 8. As per the City of Hamilton Planting Policy ensure that the root ball of the proposed trees is large enough to accommodate at least 75 percent of the fibrous root system (e.g. for 50mm caliper trees the root ball diameter must be 70cm minimum).
- 9. No single species shall make up more than 20% of the total street tree population, where the development includes 20 or more tree plantings.
- 10. Shall be spaced a minimum of 8 meters and maximum of 10 meters apart where proposed along non-residential frontage, such as park blocks.
- 11. New sidewalks, paving or asphalting shall allow 1.5 m² of breathing space for tree roots, and shall include such construction materials such as interlocking stone, rubber mats and steel grating to allow for this breathing space.
- 12. Individually planted trees in new sidewalks installations shall include 21m³ of soil and a grouping of 2 or more trees in a soil bed shall include 16m³ of soil per tree.

KEY MAP - N.T	S.
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	precast concrete permeable pavers
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issued foi	R REVIEW & COMMENTS ONLY
REVISIONS/ SUB	MISSIONS
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UUES:	
	initiacupe architecture
	218 Locks Streat South and Floor
	Hamilton, ON L8P 4B4
	1. 7UD.026.88/6





Product Number 00895451C01 Design Features -Materials Tree Grate Gray Iron (CL35B)

-Design Load Non-Traffic -Open Area 306 Sq. Inches -Coating Undipped ✓ Designates Machined Surfa Certification -ASTM A48

-Country of Origin: USA

Major Components 00895451 Drawing Revision 11/3/2010 Designer: DEW 09/16/2013 Revised By: DJH

Weights (lbs/kg), dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice. CONFIDENTIAL: This drawing is the property of EJ Group, Inc. and embodies confidential Informe registered marks, patents, rede secret information, and/or know-how that is the property of EJ Group, In Copyright © 2012 EJ Group, Inc. All rights reserved. Contact 800 626 4653 ejco.com

8954 Series, Flare W/ Round Bar

FLARED STYLE W/ ROUNDBAR





Tree Grate & Tree Guard by EJ (or approved equal)

SCALE: NTS





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L-2

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Stratavault Soil Cell by CityGreen or approved equal Scale: NTS

CONCRETE NOTES: to installation. specifications. 150mm poured concrete. scorelines as shown on plan wwm typ. joints. An expansion joint is required where placing has been suspended for 30 minutes. minimum 2% slope as shown on drawing adjacent surface. refer to landscape plan × 🗖 ** * * 4 work and replace with new concrete. 200mm granular 'A' (lay in two 100mm courses compacted to 95% spd) d. surface irregularities; compacted subgrade e. damaged or chipped; compacted to 95% spd f. poor workmanship. ╡┢╧╋ until time of final acceptance. Tel : 450 346 1882 1 800 363 9264 4 info@equiparc.com | equiparc.com L-2 Cast in Place Concrete

SCALE: NTS



ROOTBALL FIXING SYSTEM NOTES: . All soil cell/municipal trees are to be

- installed with Plati-Mat aluminum anchors, two-way ratchet tensioned galvanized wire Plati-Mat rootball protection mesh
- . Materials to be provided to the City of Hamilton for install 2. Install as per manufacturers
- specifications
- Platipus Earth Anchoring Systems (or approved equal) : +44 (0) 1737 762300
- E: info@platipus-anchors.com

NOTES:

- 1. Installation to be completed in accordance with manufacturers specifications 2. Area drains to connect to perforated pipe running
- the complete distance of the soil trench. Perforated pipe to be located at the top of the soil trench to allow for proper infiltration

[№] LINKED TREEPIT W/TREEGRILLE 1.7m3/m DETAIL PLANS neet No. 1 OF 1 Amdt. 1

2 L-2

1. Do concrete materials and methods of concrete construction in accordance with structural engineering drawings.2. Contractor to verify accuracy of concrete details and reinforcement prior

3. For construction materials refer to structural engineering drawings and

4. Concrete mix to provide compressive strength of 28MPA at 28 days, entrained air of 6% to 1% and slump at point of discharge of 60mm, or as per structural engineering drawings and specifications. 5. Pour concrete in favorable weather conditions. Inform the landscape architect of any adverse weather impacts prior to pouring.Pour concrete in uniform layers of continuous lengths between expansion

 Provide control joints/expansion joints as shown on drawings or as per structural engineering drawings. Landscape architect is to be notified 24 hours prior to cutting score lines for review and approval of layout onsite. 8. Repair defective areas while concrete is still plastic, or remove defective

9. Concrete areas will not be accepted if:

a. fails to meet requirements of this specification; b. contains excessive honeycombing or embedded debris; c. 28 days average strength in any defined area is less than 95% of

specified minimum strength;

11. It is the contractor's responsibility to maintain and protect concrete areas







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