List of Drawings

T1.0 Tree Management Plan  
T1.1 Tree Inventory List  
L1.0 Overall Landscape Plan  
L2.0 Walkway Layout Plan  
L2.1 Playground and Dog Park Layout Plan  
L2.2 Community Garden and Parking Layout Plan  
L3.1 Details  
L3.2 Details  
L3.3 Details  
L3.4 Details  
L3.5 Details  
L3.6 Details  
L3.7 Details  
L3.8 Details  
L3.9 Details  
L3.10 Details  
E1.1 Site Electrical Plan  
E1.2 Electrical Details  
C1.1 Site Grading Plan (North)  
C1.2 Site Grading Plan (South)  
C1.3 Site Serving Plan (North)  
C1.4 Site Servicing Plan (South)  
C1.5 Notes and Details Plan
All damage to trees will be reported to the Consultant immediately by (T1.0). CENTRAL PARK - TREE MANAGEMENT PLAN

Prior to any tree removals, a site walk-through must be conducted with Forestry Section and Landscape Architectural Section.

1. No servicing, grading or other construction activity is to begin until the measures have been certified by the Landscape Architect. Protection shall remain in place until finish landscaping.

2. In the responsibility of the Consultant to ensure that they are aware of all measures being taken to protect trees identified.

3. Before the start of any work, the Contractor, Site Inspector and foreman of each work unit shall be trained on the measures required to protect trees.

4. All trees to be saved shall be fully protected with protective fencing installed as per the location shown on the plan and detail. Tree fencing shall not be altered or relocated unless authorized in writing by the City's Public Works Department. All protective fencing shall be set in accordance with the Hamilton Environmental Protection Act.

5. INVENTORY LIST

Tree Management Notes - Hamilton

15-P-03 (T1.0)

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<table>
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<th>Type</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Stem Dia.</th>
<th>Crown Dia.</th>
<th>Condition</th>
<th>Comments</th>
<th>Environment</th>
<th>Recommendations</th>
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<td>Acer saccharinum</td>
<td>Sugar Maple</td>
<td>100</td>
<td>120</td>
<td>Good</td>
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<td>Sugar Maple</td>
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<td>Good</td>
<td></td>
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<td></td>
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<tr>
<td>3.</td>
<td>Acer saccharinum</td>
<td>Sugar Maple</td>
<td>150</td>
<td>170</td>
<td>Good</td>
<td></td>
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</tbody>
</table>

**Central Park - Tree Management Plan**

**Date:** November 13, 2018

**Drawn By:** LB

**Reference Materials:**
- Road Plans
- Sewer Plans
- Water Plans
- Regional Surveyor: Geodetic Bench Mark Index No.

**Drawings:**
- Sept 13, 2018 Issued for 60% Review
- Nov 13, 2018 Issued for 90% Review
- Jan 25, 2019 Issued for 99% Review

**Site:**
- July 26, 2019 Issued for Tender

**Trees to Be Removed:**

---

**Central Park - Tree Inventory List**

**City of Hamilton**

Public Works Department

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**Central Park - Tree Management Plan**

**CONTRACT No. C15-XX-00 (P)**

**DRAWING No. 15-P-03 (T1.1)**

**SHEET No. 1 OF 15**
SHADE STRUCTURE - DETAIL PROVIDED BY SHADEVIEW STRUCTURES

NOTE: CONTRACTOR TO REVIEW LAYOUT OF WOMEN’S TOILETS ON SITE WITH CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.

NOTE:

1. All fabric shall be 9 gauge (3.6mm) galvanized steel wire, knuckled at top and bottom.
2. All posts and rails shall be galvanized steel pipe standard weight.
3. All required fittings and hardware to be of a suitable aluminum alloy or of a steel ductile iron.

POURED CONCRETE FOOTINGS IN FULL-DEPTH SONOTUBE FORMS, TOP SLOPED 40mm ABOVE FINAL GRADE. CONCRETE TO BE 20 MPa @ 28 DAYS, MINIMUM STRENGTH WITH 5-7% AIR ENTRAINMENT.

25mm CLEARANCE MAX.

43mm O.D. BOTTOM RAIL
43mm O.D. MID RAIL
300mm O.C. 3.2mm X 19mm MIN.
STEEL STRETCHER BAR BANDS

CHAIN LINK FABRIC TO BE GALVANIZED STEEL 50mm WOVEN MESH, FASTENED TO TOP RAIL, BRACE RAIL, LINE POST, STRETCHER BAR, AND TENSION WIRE WITH 6 GAUGE GALVANIZED WIRE 300mm O.C.

43mm O.D. TOP RAIL, RANDOM LENGTHS WITH 178mm COUPLINGS
90mm O.D. TERMINAL POST INSTALLED AT ALL ENDS, CORNERS, STRAININGS, AND GATES, WITH TERMINAL CAP TYP.

1500 HEIGHT AT DOG PARK
1200 HT AT COMMUNITY GARDEN

NOTE:

1. NOT FOR CONSTRUCTION
2. ENGINEER SHOP DRAWINGS TO BE PROVIDED FOR SHADE STRUCTURE BY CONTRACTOR PRIOR TO CONSTRUCTION.
3. ENGINEER TO BE LICENSED IN PROVINCE OF ONTARIO.
4. MODEL AS SHOWN OR APPROVED EQUAL.

CHAIN LINK GATE - DETAIL PROVIDED BY CITY OF HAMILTON

DROP LATCH AND CATCH
CANE BOLT WITH CENTER STOP

SIGN INSTALLATION DETAIL

REFER TO CITY OF HAMILTON BARRIER - FREE DESIGN GUIDELINES SECTION 5.1.6

OFFICIAL DESIGNATED BARRIER FREE PARKING SPACE SIGN DEVELOPED BY THE MINISTRY OF TRANSPORTATION MOUNTED VERTICALLY. VERTICAL SIGNS SHALL BE:

1. AT LEAST 450 mm X 750 mm
2. BE INSTALLED AT A HEIGHT OF 2100 mm TO 2200 FROM THE GROUND/FLOOR SURFACE TO THE BOTTOM OF THE SIGN.
3. WHERE THE LOCATION OF THE DESIGNATED PARKING SPACES IS NOT CLEAR OR OBVIOUS, PROVIDE DIRECTIONAL SIGNS ALONG THE ROUTE LEADING TO THEM.
MULTI-USE COURT - DETAIL PROVIDED BY CITY OF HAMILTON

DIMENSIONS SHOWN ON THIS PLAN ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

NOTE:
CONTRACTOR TO REVIEW LAYOUT OF PROJECT ON SITE WITH CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.

Hamilton City of Hamilton
www.gspgroup.ca
201-72 Victoria Street South
Kitchener, Ontario N2G 4Y9
T 519 569 8883
F 519 569 8643
162 Locke Street South, Suite 200
Hamilton, Ontario L8P 4A9
T 905 572 7477

CENTRAL PARK DETAILS - MULTI-USE COURT

15-P-03 (L3.3)

CENTRAL PARK
Public Works Department

CONTRACT No. C15-MM-00 (P)
DRAWING No. 15-P-03 (L3.3)

SITE

DRAWING No. 15-P-03 (L3.3)

SHEET No. OF  Total 16

CONTRACT No. C15-MM-00 (P)
DRAWING No. 15-P-03 (L3.3)

SHEET No. OF  Total 16

CENTRAL PARK
Details - Multi-Use Court

L3.3

CENTRAL PARK DETAILS - MULTI-USE COURT

COMPACTED SUBGRADE - SEE SOILS REPORT FOR INFORMATION AND TREATMENT

CENTRAL PARK DETAILS - MULTI-USE COURT

COMPACTED SUBGRADE - SEE SOILS REPORT FOR INFORMATION AND TREATMENT
1. ALL CURBING AT CURB RAMPS SHALL BE PER RD-124.03 DETAIL 10B0 iii)
2. TACTILE/TONAL CONCRETE STAMP SHALL BE OFFSET 150mm FROM BACK OF CURB, IS 610mm DEEP AND BE PER DETAIL 18B.
3. 125mm HEIGHT (TYP.) PROVISIONAL CURB POURED MONOLITHIC WITH WALK AS REQUIRED BY THE CITY PROJECT MANAGER (SEE DETAIL 9A).
4. CONCRETE FLARES ARE SLOPED TO A MAX. OF 10%.
5. SEE DETAILS 10A AND 10C FOR AMENDED OPSD CURB HEIGHTS FOR WALK/MEDIAN/BLVD ADJACENT TO CURB. CURB RAMPS SHALL BE PER DETAILS 10A AND 10B.
6. CROSSWALK LOCATIONS AS SHOWN ARE CONCEPTUAL. THE PROVISION AND LOCATION OF CROSSWALK SHALL BE PER THE CONTRACT DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
7. CURB DEPRESSIONS SHALL ONLY BE PROVIDED AT PROTECTED PEDESTRIAN CROSSINGS.
8. WHERE NOT SPECIFIED BY THE CONTRACT DRAWINGS, SINGLE CURB RAMPS SHALL BE 1.8m IN WIDTH EXCEPT AT T-INTERSECTIONS WHERE THEY SHALL BE 2.4m IN WIDTH.
9. DOUBLE CURB RAMPS SHALL BE MIN. 2.4m IN WIDTH.
10. STAMPED CONCRETE SURFACE SHALL BE COBBLESTONE GREY (OR APPROVED EQUAL) AND SHALL BE APPLIED USING A COLOURED HARDENER POWDER OR A COLOURED CONCRETE SEALER. IF COLOURED HARDENER POWDER USED, A CLEAR CURING COMPOUND SHALL BE USED ON ALL WHEELCHAIR RAMPS. WHITE CURING COMPOUNDS OR SEALERS SHALL NOT BE APPLIED ON THE STAMPED AREAS PRIOR TO THE APPLICATION OF COLOURED SEALER. STAMPED AREAS SHALL BE COVERED WITH WET BURLAP AND VAPOUR BARRIER FOR CURING PURPOSES. IN ADDITION, THE COLOURED SEALER SHALL CONTAIN A NON-SLIP GRIT ADDITIVE SUCH AS H&C SHARKGRIP (OR APPROVED EQUAL).
CENTRAL PARK DETAILS - DOG PARK & FENCING

1. SITE TREATMENT
   - Filter Fabric Cloth
   - Rainbow Turf
   - HM-3 Asphalt
   - Terrafix 270R

2. DEPTHS FOR INFORMATION ONLY - FINAL PROFILE TO BE SUBMITTED BY SUBGRADE TREATMENT
   - Filter Cloth Similar to Details 5 & 6/L3.5
   - Contractor and Approved by City of Hamilton and Consultant and Shall Be in Conformance with CSA Fall Height Requirements

3. Wearing Course
   - Information and
   - Concrete Paving

4. Cushion Layer
   - 150
   - 50
   - 1.5%

5. Barriers
   - Wood Carpet

6. Refer to Playground Layout Plan for Specific Play Element Posts

7. Drainage
   - Tile
   - Clear Stone Drainage
   - Concrete Paving

8. Drainage Area
   - 450
   - 5%
   - Max.

9. Structures
   - 200mm
   - 19mm

10. Elevation
    - 1:25
    - Varies

11. Notes
    - All Information Contained Herein Was Current at the Time of Development but Must Be Reviewed and Approved by Contractor's Note: For Product and Company Information Visit www.CADdetails.com/info and Enter

12. Contractor's Note: For Product and Company Information Visit www.CADdetails.com/info and Enter

13. Push Button Activator
    - Push Button Activator on Power Post Shall Be Model No. BDLM2-X by Polara

14. Signage
    - Steel Carrier
    - Steel Stringer

15. Water Supply
    - Pf on Opposite Side
    - Steel Carrier

16. Depth
    - 200mm
    - 19mm

17. Optional 10" Stainless Steel Curb

18. Water Fountains
    - Closest Pipe Edge. Vertical Separation Where Water Services Pass Over a Sewer Must Be a Minimum of 0.15m

19. Water Supply
    - Pf on Opposite Side

20. Backflow Prevention By-Law #10-103

21. Recent Versions of the AWWA Canadian Cross Connection Control Manual and the CSA B64.10.07 Standards.

22. Unserviced Areas
    - 150

23. Cut & Fill
    - 150

24. Dewatering
    - 162 Locke Street South, Suite 200

25. City of Hamilton
    - Public Works Department

26. DATE: November 13, 2018
    - DRAWN BY: LB

27. 1:25
    - Varies

28. Notes
    - All Dimensions in Millimetres Unless Otherwise Noted
    - Support for Lighting Equipment and Other Equipment (Applies to Lighting Equipment on Power Post Only) Shall Be in Conformance with Manufacturer's Requirements
    - Skirt (19mm) Shall Be Cut to Fit Inside Edge of Structure
    - All Exterior Surfaces Shall Be Treated with an Anti-Microbial Treatment
    - All Materials Shall Be Per Perm and Approved by the City
    - All Materials Shall Be Per Perm and Approved by the City
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NOTE:
CONTRACTOR TO REVIEW LAYOUT OF PROJECT ON SITE WITH CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.

CENTRAL PARK DETAILS - PLAYGROUND

NOTE:
1. ALL ELEMENTS TO BE "OR APPROVED EQUAL".
NOTE:
1. ALL ELEMENTS TO BE OR APPROVED EQUAL.
2. REFER TO DETAIL 2/L3.7 FOR MANUFACTURER SPECIFIC VAULT LAYOUT INCLUDING SERVICING SIZES, LOCATIONS AND FITTINGS SPECIFICATIONS.
3. DRAIN - REFER TO DETAIL 3/L3.7.
4. SPRAY PAD CABINET BY MANUFACTURER (OPENSPACE OR APPROVED EQUAL)
5. 250mm WIDE CONCRETE CURB. CURB LAYOUT MAY VARY FOR OTHER PRE-APPROVED VENDORS
6. OPEN TO BELOW. REFER TO SECTIONS 2159

CENTRAL PARK DETAILS - SPLASHPAD

SPLASH PAD LAYOUT

SECTION A

SECTION B

SECTION C

SECTION D

AERIAL

NOT FOR CONSTRUCTION PURPOSES

NOT FOR CONSTRUCTION PURPOSES

NOT FOR CONSTRUCTION PURPOSES
CENTRAL PARK DETAILS - SPLASHPAD

NOTES:
1. SHED BY BOSMAN HOME FRONT INC., PALMERSTON, ONTARIO (TEL: 877-343-3456) OR APPROVED EQUAL.
2. AURORA STYLE SHED WITH SMARTSIDE SIDING (PRIMED AND PAINTED TAN COLOUR)
   2.1. SIZE: 3000mm X 3000mm (10'X10')
   2.2. BLACK METAL ROOF,
   2.3. 1800mm HIGH SINGLE DOOR AND TREATED RAMP 1065mm X 1800mm
   2.4. SHED FLOOR: CONSTRUCTION 100mm X 100mm (4" X 4") TREATED SKIDS,
      50mm X 100MM (2" X 4") FLOOR JOISTS ON 400mm (16") CENTRES AND 19mm (3/4") TREATED PLYWOOD FLOORING
3. TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS
4. SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
CENTRAL PARK - ELECTRICAL DETAILS

ELECTRICAL SPECIFICATION

1. **Scope of work**: The work shall consist of all electrical works, including but not limited to the installation of electrical systems, lighting, and associated equipment. The work shall be performed in accordance with the Building Code and other relevant regulations.

2. **Materials**: All materials shall be of the highest quality and shall conform to the specifications provided. The contractor shall ensure that all materials are approved by the City of Hamilton.

3. **Installation**: The electrical systems shall be installed in a neat and professional manner. All wiring shall be done按照 [0123456789] codes.

4. **Testing and Commissioning**: Upon completion of the installation, the electrical systems shall be tested and commissioned to ensure they meet the required standards. A report shall be submitted to the City of Hamilton for review.

5. **Maintenance**: The contractor shall be responsible for the maintenance of the electrical systems for the duration of the warranty period. Annual maintenance shall be conducted to ensure the systems remain in good working order.

6. **Warranty**: The Electrical Systems shall be warranted for [0123456789] years from the date of completion.

REFERENCE MATERIAL:

- Road Plans
- Sewer Plans
- Water Plans
- Regional Surveyor
- Geodetic Bench Mark Index No.
- Elevation=

**DATE:** August 24, 2018

**DRAWN BY:** LB

**REFERENCE:**

- ELECTRICAL DETAILS E2.1
- DRAWING No. 15-P-03 (E2.1)

**SHEET No.:** 2 of Total 2

**CONTRACT No.:** C15-XX-00 (P)

City of Hamilton
Public Works Department

CENTRAL PARK - ELECTRICAL DETAILS

**E2.1**
CENTRAL PARK REDEVELOPMENT
ENVIRONMENTAL RISK MANAGEMENT MEASURES
HAMILTON, ONTARIO

PREPARED MAY 2021 FOR
CITY OF HAMILTON

DRAWING INDEX

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MATCHLINE (SEE DWG. D003)
CENTRAL PARK HAMILTON - CROSS SECTIONS A-A, B-B AND C-C

INITIAL DATEREVISIONS

REFERENCE MATERIAL:
Geodetic Bench Mark Index No.
Elevation= Contractor to Establish

DRAWN BY: DATE:
Regional Surveyor:
Road Plans:
Sewer Plans:
Water Plans:

CENTRAL PARK HAMILTON - CROSS SECTIONS A-A, B-B AND C-C

AG/DM

City of Hamilton
Public Works Department

CROSS SECTIONS A-A, B-B AND C-C

SCALE: HOR. 1:250
VERT. 1:100

005

JUNE 25, 2021

TENDER No.C13-53-21

00

ISSUED FOR TENDER RM SEP 16/21
CROSS SECTION
SCALE: HOR. 1:250
VERT. 1:100

CROSS SECTION
SCALE: HOR. 1:250
VERT. 1:100

CROSS SECTION
SCALE: HOR. 1:250
VERT. 1:100

CENTRAL PARK HAMILTON - CROSS SECTIONS D-D, E-E, AND F-F

CENTRAL PARK HAMILTON
TENDER No.C13-53-21
06
ISSUED FOR TENDER RM SEP 16/21

City of Hamilton
Public Works Department