MUNICIPAL HERITAGE COMMITTEE MEETING
MINUTES
Tuesday April 09, 2019
06:00 PM

PRESENT:
Janice Johnston (Chair), Amanda Demers, Councillor Clare Cameron, Councillor Al Bisback, Members: Drew Chapman, Philip Hoad, Rita Trudeau, Ron Dale

REGRETS:
David Parker

STAFF:
Jesse Auspitz Planner II
Denise Horne Planner II
Rob Andrea C.E.T. Engineering Technologist

OTHERS:

1. Call to Order
The Chair called the meeting to order at 6:05 p.m.

2. Announcements

2.1 Special Meeting of Council (Heritage)

It was noted that a Special Meeting of Council will be held on Monday, April 29th, 2019. The meeting will focus on the Peter J. Stokes Commendation awards and the presentation of Heritage Commemorative Plaques to property owners in the Heritage District. A presentation will be delivered by Park’s Canada staff regarding the Butler’s Barracks restoration project. The following is a list of the awards and the recipients of such. Invitations have been sent to Committee members. Staff will be in communication with Committee members before the meeting with more details.

<table>
<thead>
<tr>
<th>Commendations</th>
<th>Plaques</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 14795 Niagara River Parkway (Glencairn Hall) (Restoration)</td>
<td>• 109 Queen Street 1979</td>
</tr>
<tr>
<td>• 210 Centre Street (compatible Design)</td>
<td>• 167 Regent Street c. 1820</td>
</tr>
<tr>
<td>• 1607 Four Mile Creek Road - Teenie</td>
<td>• 156 Gate Street 1890</td>
</tr>
</tbody>
</table>
It was noted that staff should confirm the date of construction for 167 Regent Street. The committee inquired as to the possibility of having interior photos displayed for the Heritage Council Meeting.

3. Presentations

3.1 Archaeology Training - Walter McCall

Mr Walter McCall, from Detritus Consulting spoke about their work in project based archaeology which is triggered by development applications and includes determining whether there are cultural resources present and ways to mitigate impacts to resources. He noted that the approval authority has the ability to limit the scope of work on a property based on knowledge of historic land uses. He reviewed the four stages of archaeological assessments. Archaeological reports are provided to the Ministry of Tourism Culture and Sport who then issue a Compliance letter, which either concurs or does not, that the archaeological survey has been completed to standard. Any items found on a site should be reported to the Ministry of Tourism Culture and Sport. Staff will circulate a copy of the presentation.

4. Adoption of Agenda

Moved by Rita Trudeau that the agenda be amended by the following; MHC-19-12 - 177 Byron Street - Heritage Permit Application - Demolition of Accessory Building listed under Business be removed and that 524 Regent Street and 535 King Street - Street Lighting listed under New Business be moved under Correspondence and that the remainder of the agenda be approved as presented.

APPROVED AS AMENDED.

5. Conflict of Interest

There were none.

6. Previous Minutes

The Committee received the Minutes from the March 12th, 2019 meeting.

7. Correspondence

7.1 On-going Project Status Update
Jesse Auspitz, updated the Committee on the on-going project status list.

General discussion ensued.

**7.2 524 Regent Street and 535 King Street - Street Lighting**

Council asked that the Municipal Heritage Committee and the Urban Design Committee comment on the light standards being proposed for installation within the municipal road allowance at 524 Regent Street and 535 King Street. The street lights are being installed as a result of the Pillar and Post Gardens Development and will be assumed by the Town upon completion.

Rob Andrea, C.E.T. Engineering Technologist, spoke to the proposal and delivered a presentation regarding the matter. The Information Report written to Council on the issue *(APPENDIX A)* including a picture of the intended fixture were provided to the Committee for review.

Paul MacIntyre, Vice President of Operations, for Lais Hotel Properties was in attendance for the applicant.

General discussion ensued.

Moved by Allan Bisback that the Tandem K124 fixture be approved for installation within the municipal road allowance at 524 Regent Street and 535 King Street.

APPROVED.

**8. Business**

**8. 157 Queen Street - Heritage Permit Application - MHC-19-010 - Remove and Replicate Second Storey Balcony**

Steve Krysa was in attendance for the application. An overview of the application was received.

General discussion ensued.

Moved by Drew Chapman that the recommendations contained in MHC-19-010 - 57 Queen Street - Heritage Permit Application - Remove and Replicate Second Storey Balcony be approved as follows:

1.1 The Heritage Permit Application to remove and replicate the second storey balcony at 57 Queen Street, be approved.

APPROVED.

**8.2 169 Victoria Street - Heritage Permit Application - MHC-19-011 - Exterior Alterations to the Dwelling**
Connie Tintinelli was in attendance for the application. An overview of the application was received.

General discussion ensued. The Committee encouraged that the windows match in dimension as much as possible.

Moved by Drew Chapman that the recommendations contained in MHC-19-011 - 169 Victoria Street - Heritage Permit Application - Exterior Alterations to the Dwelling be approved as follows:

1.1 The Heritage Permit Application for exterior alterations to the dwelling at 169 Victoria Street be approved, subject to the following conditions:

   a) the proposed door be constructed of wood material with single glazed window;
   b) the window panes along the front facade be revised to be vertically elongated with wood sash and wood frame, using a consistent 7 x 9 size pane; and
   c) the window frames and muntins proposed throughout the dwelling be constructed of wood, using a consistent 7 x 9 size pane or as similar as possible.
   d) that the oval shaped window on the south elevation be replaced with a rectangle.

1.2 That the conditions in Recommendation 1.1 be cleared to the satisfaction of the Director of Community and Development Services.

APPROVED AS AMENDED.


General discussion ensued regarding the Cultural Heritage Evaluation Report (CHER) prepared by Letourneau Heritage Consulting Inc. with respect to the property known as 325 King Street (Parliament Oak School). Clare Cameron requested further research be provided from Letourneau Heritage Consulting concerning the 20th century history of the property and the importance of the 20th century architectural significance.

Moved by Janice Johnston that the review of the Report be deferred until the applicant's Heritage Impact Assessment is submitted and the Municipal Heritage Committee has time to review.

APPROVED.

8.4 54-58 Queen Street - Heritage Permit Application - MHC-19-014 - Replacement of Wood Supporting Beam

Moved by Amanda Demers that the recommendations contained in MHC-19-014 - 54-58 Queen Street - Heritage Permit Application - Replacement of Wood Supporting Beam be approved as follows:
1.1 The Heritage Permit Application to replace a horizontal wood supporting beam with a new lintel and concrete block infill between the first and second stories of the commercial building located at 54-58 Queen Street be approved.

APPROVED.

9. New Business

There was none.

10. Next Meeting Date

The next meeting is scheduled for May 14, 2019 at 7:00 p.m.

11. Adjournment

The meeting was adjourned at 8:15 p.m.

ADJOURNMENT: 08:15 PM

Appendix A - Report - light fixture.pdf
The Corporation of the Town of Niagara-on-the-Lake

Information Report to Council

SUBJECT: Pillar and Post Gardens Development - Street Lighting

Date: March 07, 2019

Prepared By: Rob Andrea C.E.T

Department: Operations

BACKGROUND INFORMATION
The subject lands are known municipally as 524 Regent Street and 535 King Street and are located directly across John Street from the current Pillar and Post hotel. The property is bound by Regent, John, King, and Anne Streets, and is approximately 2.46 hectares (6 acres) in size.

The developer has proposed a 1.5-meter concrete sidewalk along King, John, Anne and Regent Streets along with fifteen (15) street lighting fixtures in correspondence to Town Engineering Standards and IES RP-8 Design Criteria. The proposal also includes lighting to be incorporated within the development on private property for parking and pedestrian traffic. This report is in reference to the exterior lighting only, as the private street lighting fixtures are chosen at the discretion of the developer in accordance to the Town’s Site Plan Control Lighting Policy (PDS-PLG-010).

The purpose of this report is to inform Council regarding the proposed street lighting fixtures surrounding the Pillar and Post Gardens Development. The current street lighting policy (PDS-PLG-009) refers to a fixture type that differs slightly from what is being proposed by the developer. See Appendix A for reference to the proposed street lighting fixture as submitted by the developer. The original Site Plan Agreement did not account for the newly installed street lights; therefore, this report will serve as an update to Council regarding the installation.
FINANCIAL IMPLICATIONS
The developer has agreed to supply all materials and install all fixtures, poles, conduit and connections at their cost. The street lights installed within private property will be the sole responsibility of the Pillar and Post development, including maintenance costs and utility billing. The exterior street lights, poles, conduit and wiring will be assumed by the Town and further maintained by the Town's designated street lighting contractor. All utility billing for the street lights within the municipal road allowance will be billed to the Town. The developer is also required to provide the Town with one (1) fixture per ten (10) installed fixtures to be stored in case of damage or repair.

NEXT STEP / CONCLUSION
Although, the current proposal does go against the Decorative Street Lighting Policy (PDS-PLG-009), the Operations Department does not have any objections regarding the style of fixture proposed. The current policy allows for interpretation and does not adequately state the details as to why the areas are segmented in this manner.

ATTACHMENTS
Appendix B - K600 Brochure King Luminaire - NOTL - 2019.pdf
Appendix C - Decorative Street Lighting Policy - NOTL - 2019.pdf
FROM THE ELEGANCE OF THE PAST TO THE EXCITEMENT OF THE FUTURE
The K124 Paragon Luminaire

From the Elegance of the Past
Born in the early days of the 20th century, the Paragon is undoubtedly the most gracefully proportioned of all the so-called “Acorn” luminaires and, perhaps, the most decorative. It was originally designed as a two-piece globe, the top and bottom sections being held together by an ornamental filigree ring, which was constructed in such a way as to accept optional vertical struts. This original decorative hardware differed in design, depending on which manufacturer was used, though some municipalities elected to use customized rings, struts and finials. The Paragon graced the streets and parks of towns and cities right across the continent. Many of these original installations still survive today.

To the Excitement of the Future
King Luminaire now offers the Paragon in four (4) different HID optical systems, utilizing the original Westinghouse or General Electric decorative hardware as standard with custom versions available as an option.

The ever-dependable K124-I with an internal glass refractor was the original HID optical system. In the mid 80’s, the noncutoff K124-E with an external prismatic refractor was introduced, putting more light where it was needed than other comparable luminaires and making it one of the most cost effective acorns on the market.

In response to the ever-growing concern for light control, King has now developed two innovative optical systems, both of which offer a cutoff classification. The K124-L with a louvered reflector system and the K124-S with a segmented reflector offer high performance with a cutoff classification that meets most luminance requirements and provides excellent efficiency with low glare.

The versatility now available with the four optical systems of the K124 offers the beauty of a period appearance with the practicality of the superior lighting performance needed to meet today’s demanding lighting standards.
In selecting which of the K124 optical systems is right for your project, numerous items, besides the luminaire's lighting characteristics, need to be considered.

**Glare:** Luminaires must provide the ability to see, not just light the ground.

**Purpose:** Consideration must be given to the purpose of the lighting. (i.e. roadway vs. area lighting and if roadway, which type)

**Ambiance:** Light standards provide the finishing architectural touch - 24 hours a day.

**Safety:** The finished project must meet all codes and ordinances.

**Up light:** Consider the project's environment and design accordingly.

**Light Trespass:** Put light in the right places, not in private areas or bedroom windows.

**Budget:** Consider both the initial capital investment and, especially, the ongoing maintenance costs.

**Power Usage:** Use as few assemblies as is practical.

With the above points in mind and using the requisite IES files, the lighting designer will be enabled to make an educated decision as to which optical system will be most suitable for a given project.

**Choosing the Right Optical System**

**K124 - Features at a Glance**

- Authentic historic acorn shape
- Accurate reproductions of GE & Westinghouse decorative filigree rings and struts
- Custom filigree hardware available
- Tool-less change out of ballast and lamp
- Heavy duty aluminum casting
- Polycarbonate and acrylic globes available with rotolock option
- Globes available in glass, durable polycarbonate, or high impact UV resistant acrylic
- Ease of maintenance - globe hanger for service
- Four (4) optical systems from which to choose
K124-S VL2
Segmented Reflector

A sophisticated segmented aluminum reflector specifically designed to minimize glare and uplight. Offering a cutoff classification, this sparkling performer works within the parameters of the environmental issues that are becoming ever more important in our modern world.

Available Options for K124 Luminaire

**GH - Globe Holder**
An innovative maintenance option that allows for easy servicing of the lamp and/or ballast module by enabling the globe to hang off the capital, allowing two-hand access for maintenance. (specify “GH” after capital type, eg. K16-GH)

**R - Rotolock Globe Feature**
Ensures a tight bug/water seal of globe to capital, as well as allowing easy twist/turn access to lamp and ballast module. (specify “R” after luminaire style, eg. K118-R as allenhead screw mounting is standard)
**K124-L VL1 Louvered Reflector**

Available in either cutoff or semicutoff classifications, the VL1 louvered reflector system provides excellent performance in terms of both luminance and illuminance with minimal uplight, low glare, and good light control.

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**Available Options for K124 Luminaire (cont’d)**

**GR - GE Decorative Ring**

An optional accessory that gives a clean but elegant look to the K124 luminaire. It is one of many decorative filigrees available.

**GRS - Decorative Ring and Struts**

An optional accessory based on an accurate historical reproduction of the original General Electric Lighting Company design.
Available in either cutoff or semicutoff classifications, the VL1 louvered reflector system provides excellent performance in terms of both luminance and luminous intensity. It features minimal uplight, low glare, and good light control.

**K124-L VL1 Louvered Reflector**

- Cast aluminum finial
- Spun aluminum top
- Lamp by others
- Optional decorative cast aluminum ring and struts
- General Electric specular VL1 louver assembly
- Available in Type III or Type V
- Optional photo-eye
- Rugged cast aluminum capital (K14 capital shown with photo-eye door open)
- Optional globe hanger tab
- 43 1/8" optional globe hanger hook

**Available Options for K124 Luminaire (cont’d)**

- **GR - GE Decorative Ring and Struts**: An optional accessory that gives a clean but elegant look to the K124 luminaire. It is one of many decorative filigrees available.
- **GRS - Decorative Ring and Struts**: An optional accessory based on an accurate historical reproduction of the original General Electric Lighting Company design.
- **WRS - Washhouse Decorative Ring & Strut**: An optional accessory based on the original Washhouse design. This accurate reproduction of an historical design graces the streets of numerous cities and towns.
- **DSR - Special Decorative Ring & Strut**: Special custom decorative filigree is available as an option. Many towns and cities choose to use their own distinctive logos, making the K124 a truly unique luminaire. (State of Louisiana crest depicted opposite)
- **SST - Solid Spun Aluminum Top**: Although mandatory on the K124’s segmented reflector, this is a decorative option on all the other K124 optical systems. The SST, when combined with one of the other decorative filigrees, adds to the traditional ambiance of the Paragon luminaire.

**K124-E - External Prismatic Refractor**

- The use of the K124-E external prismatic refractor ensures that the light goes where directed, resulting in maximum spacing and lower energy usage.

**K124-I Internal Glass Refractor**

- Located inside a protective glass or plastic enclosure, the internal refractor of the K124 provides a visible light source that mimics the appearance of earlier days.

**K124-R-LAR-GR**

**K124-EAR-WRS**

**K124-R-IAR-GR**
Finials - F#1, F#2, F#3

Many decorative finials are available to modify the look of the Paragon globe. The F#2 is standard, but to view other options please visit page 12 of the Arms & Capitals section of the catalog.

How to Catalog for K124 Luminaire

For LPS applications, please consult head office.

www.kingluminaire.com

e-mail: sales@kingluminaire.com

840 Walkers Line, P.O. Box 7
Burlington, Ontario  L7R 3X9

(905) 632-9301
1-800-268-7809
Fax: (905) 632-8116

1153 State Route 46 North
P.O. Box 266
Jefferson, Ohio  44047

1-800-268-7809
Fax: (905) 632-8116

14503 Wallick Road
Atchison, Kansas  66002

(913) 255-3112
1-800-837-1024
Fax: (913) 255-3124

9200 Energy Lane
Northport, Alabama  35476-3442

(205) 339-0711
1-800-435-6563
Fax: (205) 339-4840

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Photograph from original King Company catalog published in 1926.

ORNAMENTAL LIGHTING
FROM THE ELEGANCE OF THE PAST TO THE EXCITEMENT OF THE FUTURE

K124 PARAGON LUMINAIRE
KING LUMINAIRE
ORNAMENTAL LIGHTING

K 6 0 1 S E R I E S E M P R E S S L U M I N A I R E S

HISTORICAL AESTHETICS WITH SPARKLING PERFORMANCE.

Available in Pendant, Side Mount or Post Top Mounting
The K601 Empress from King Luminaire™

Originally designed to provide night-time visibility on coaches and carriages this much beloved lantern style was soon modified and enlarged for use as a streetlight. This classic shape gave it much versatility to be used on poles, gateway columns or walls. Fueled first with oil, then with gas, with the advent of the electrical era it was quickly modified to accept the electric light bulb.

The modern coach light has altogether different engineering and performance needs. In fact, the King Empress is available as a post top, side or top mount pendant fixture, incorporating our highly efficient VL3 Hydroform Reflector. Our optional VL2 Segmented Reflector can be substituted for specific optical requirements. Utilizing a horizontal lamp position in both, these optical systems give the versatility and performance needed to meet the most stringent lighting requirements providing excellent spacing and light control with cutoff and low glare characteristics.

The standard King Luminaire™ prerequisite for excellence in engineering and ease of maintenance can readily be appreciated in the K601 luminaire.
Available Options
- Post Top and Pendant top or side mounting
- Twistlock or photo button cell receptacles
- Selection of vast array of “King Coat” colors
- Pendants optional closed, clear or opaque bottom panels
- Wide selection of top finials and optical chamber accessories

Superior Quality Excellence in Engineering
- Tool-free access to both bulb and ballast compartments
- Sealed optical chamber
- Heavy duty precision castings
- Modular ballast design for ease of servicing
Mounting Type (See M on back cover)

Post Top Mount

Side Mount

Pendant Top Mount

Finial Options (See F on back cover)

F1 - Cap

F2 - Cupola

F3 - Tower

F4 - Cap*

F5 - Cupola*

F6 - Tower*

All finial covers are snap on for tool-less access to photoeye.

Optical Chamber Accessories (See A on back cover)

None

Glass Chimney

Flared Reflector

Accepts up to 3 1/2” O.D. Tenon
**Compare the Performance!**

**The K601 Empress Luminaire**
with hydroform reflector and one 100w clear metal halide lamp and lumen rating of 9,000 LMS.

Report #: LSC 9906  
Catalog #: K601-HAC-26

**Luminaire Efficiency**

<table>
<thead>
<tr>
<th>Downward: Streetside</th>
<th>37.7%</th>
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</thead>
<tbody>
<tr>
<td>Houseside</td>
<td>22.2%</td>
</tr>
<tr>
<td>Total</td>
<td>59.9%</td>
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<tr>
<td>Upward: Streetside</td>
<td>0.1%</td>
</tr>
<tr>
<td>Houseside</td>
<td>0.0%</td>
</tr>
<tr>
<td>Total</td>
<td>0.2%</td>
</tr>
<tr>
<td>Total Efficiency</td>
<td>60.1%</td>
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</tbody>
</table>

**Mounting Height for ISOFC is 15.0 Ft.**

**Iso footcandle**
Values based on 15 foot mounting height  
Lamp 100w clear metal halide  
Lumen Rating = 9000 LMS  
Type II cutoff

Coefficient of utilization (dashed curves)

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**The K601 Empress Luminaire**
with hydroform reflector and one 250w high pressure sodium lamp and lumen rating of 28,000 LMS.

Report #: ITL 54478  
Catalog #: K601 HAC-1F

**Luminaire Efficiency**

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<th>Downward: Streetside</th>
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<td>29.4%</td>
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<td>Total</td>
<td>56.3%</td>
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<tr>
<td>Upward: Streetside</td>
<td>2.2%</td>
</tr>
<tr>
<td>Houseside</td>
<td>2.2%</td>
</tr>
<tr>
<td>Total</td>
<td>4.4%</td>
</tr>
<tr>
<td>Total Efficiency</td>
<td>60.7%</td>
</tr>
</tbody>
</table>

**Mounting Height for ISOFC 15.0 Ft.**

**Iso footcandle**
Values based on 15 foot mounting height  
Lamp 250 high pressure sodium  
Lumen Rating = 28000 LMS  
Type V semi-cutoff

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**Luminaire Efficiency**

<table>
<thead>
<tr>
<th>Downward: Streetside</th>
<th>37.7%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Houseside</td>
<td>22.2%</td>
</tr>
<tr>
<td>Total</td>
<td>59.9%</td>
</tr>
<tr>
<td>Upward: Streetside</td>
<td>0.1%</td>
</tr>
<tr>
<td>Houseside</td>
<td>0.0%</td>
</tr>
<tr>
<td>Total</td>
<td>0.2%</td>
</tr>
<tr>
<td>Total Efficiency</td>
<td>60.1%</td>
</tr>
</tbody>
</table>

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**Mounting Height for ISOFC is 15.0 Ft.**

**Iso footcandle**
Values based on 15 foot mounting height  
Lamp 100w clear metal halide  
Lumen Rating = 9000 LMS  
Type II cutoff
**K601 Empress Luminaires: How to Catalog**

**LUMINAIRE STYLE**
- 4 Sided Coach-Lantern

**OPTICAL DESIGN**
- H - VL3 Hydroformed Reflector (Standard)
- SH - VL2 Segmented Reflector (Both H & SH utilizes Horizontal Lamps)

**LENS MATERIAL**
- P - Polycarbonate
- A - Acrylic
- G - Glass

**LENS FINISH**
- C - Clear
- F - Frosted

**IES DESIGNATION**
- III - Type III
- V - Type V

**DESIGNED WATTAGE**
- Max. Available Wattages:
  - MV - 175
  - MH - 250
  - INC - 200
  - HPS - 250
  - IND - 165

**LIGHT SOURCE**
- MV - Mercury Vapor
- MH - Metal Halide
- INC - Incandescent
- HPS - High Pressure Sodium
- IND - Induction

**LINE VOLTAGE**
- Most Standard Line Voltages Available Including Multitap

**MOUNTING TYPE**
- T - Pole-Top 3-1/2" O.D. Tenon
- P - Pendant
- S - Side Mount

**SOCKET TYPE**
- MOG - Mogul Base
- MED - Medium Base

**FIMIAL OPTIONS**
- F0 - None
- F1 - Cap
- F2 - Cupola
- F3 - Tower
- F4 - Cap - s/f. Twistlock Photo Control
- F5 - Cupola - s/f. Twistlock Photo Control
- F6 - Tower - s/f. Twistlock Photo Control

**OPTICAL CHAMBER OPTIONS**
- N - None
- A - Spun Aluminum Candle
- F - Flared Reflector

**PHOTO CONTROLS**
- PR - Receptacle to accept Twistlock Photoeye
- PE - Twistlock Photoeye c/w Receptacle
- PBC - Photo Button Cell
- PEC - Photo Electronic Button Cell

**DOWN LIGHT** (pendant and side mount only)
- 0 - Clear Bottom
- 1 - Closed (Opaque) Bottom
- 2 - Solid Bottom
TOWN OF NIAGARA-ON-THE-LAKE

POLICY

POLICY NO. PDS-PLG-009
SUPERSEDES NO.

TITLE: Decorative Street Lighting Policy

APPROVAL DATE: AUGUST 31, 2009
EFFECTIVE DATE: AUGUST 31, 2009

PURPOSE:

To provide Town staff with lighting guidelines to determine the appropriate style of decorative street lighting and light poles within specific areas of the Town. This policy will serve as a basis for any upgraded decorative street lighting in accordance with PW-STL-001 and for decorative street lighting and light poles within new subdivisions.

POLICY STATEMENT:

All street lighting and lighting poles shall be in accordance with existing Town policy and standards.

All street lighting within the Town shall be a standard concrete pole with top mount or Cobra head fixture except within the Queen-Picton Heritage Conservation District which shall have decorative street lighting approved by the Municipal Heritage Committee and Public Works.

Any change to the standard Cobra head or Colonial post top fixtures shall be in accordance with PW-STL-001 and the Light style recommended for each Lighting District within this policy. This policy outlines the various lighting districts within the Town and decorative fixtures permitted within each district.

1. Lighting Districts
The Lighting Districts are located within the existing urban boundaries within the Town.
   a. Old Town has been divided into five specific lighting districts as outlined on the attached Schedule A map.
   b. St. Davids has been divided into two specific lighting districts as outlined on the attached Schedule B map.
   c. Glendale Lighting District (Area within Urban Boundary)
   d. Virgil Lighting District (Area within Urban Boundary)
   e. Queenston Lighting District (Area within Urban Boundary)
2. Decorative Street Lighting
   a. All new decorative lighting poles and fixtures shall be in accordance to Table 1.1 and subject to compliance with PW-STL-001.
   b. Street lighting fixture mounting heights and arm length shall be subject to site specific design as approved by the Director of Public Works.
   c. Street lighting design will consider reducing glare and sky-glow (light pollution) subject to site specific requirements and approval from the Director of Public Works.
   d. Decorative street lights and poles proposed within new subdivisions will be in accordance to Table 1.1 for the Lighting District in which they are located.

<table>
<thead>
<tr>
<th>Location</th>
<th>Style</th>
<th>Character</th>
<th>Mounting</th>
<th>Poles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>Traditional Square Lantern</td>
<td>Early Gas</td>
<td>Pole, Single</td>
<td>Concrete, black</td>
</tr>
<tr>
<td></td>
<td>(Schedule C)</td>
<td>C.1850</td>
<td>(Picton Street, Double)</td>
<td>Belmont style-Stresscrete</td>
</tr>
<tr>
<td>Area 2</td>
<td>KA 56 King Luminaire</td>
<td>Late Gas</td>
<td>Pole, single/bracket</td>
<td>Concrete, black</td>
</tr>
<tr>
<td></td>
<td>(Schedule D)</td>
<td>c.1880-90</td>
<td></td>
<td>Belmont style-Stresscrete</td>
</tr>
<tr>
<td>Area 3</td>
<td>Lumec Optima, Excel 10 or</td>
<td>Early Electric</td>
<td>Pole, Single</td>
<td>Concrete, black</td>
</tr>
<tr>
<td></td>
<td>King Luminaire</td>
<td>(Queen Anne, Edwardian)</td>
<td></td>
<td>Belmont style-Stresscrete</td>
</tr>
<tr>
<td></td>
<td>K330 Versailles</td>
<td>c. 1900-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area 4</td>
<td>King Luminaire</td>
<td>Nautical/Industrial</td>
<td>Pole, single/bracket</td>
<td>Concrete, black</td>
</tr>
<tr>
<td></td>
<td>K206 Marine Pendant</td>
<td></td>
<td></td>
<td>Belmont style-Stresscrete</td>
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<tr>
<td>Area 5</td>
<td>Consistent with surrounding</td>
<td></td>
<td>Pole, Single</td>
<td>Concrete, black</td>
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<td>Belmont style-Stresscrete</td>
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<td>Area 6</td>
<td>Traditional Square Lantern</td>
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<td>(Schedule C)</td>
<td>C.1850</td>
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<td>Virgil</td>
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<td>similar (Schedule G)</td>
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<td>Area 8</td>
<td>KA 56 King Luminaire</td>
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<td>(Schedule D)</td>
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<td>Concrete, black</td>
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<td>similar (Schedule G)</td>
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<td>Belmont style-Stresscrete</td>
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Note: Mounting height and bracket requirements are subject to design
Area 1, Area 6 and Area 9
Traditional Square Lantern
Area 2 and Area 8
KA 56 King Luminaire
Area 3
Lumec Optima, Excel 10 or
King Luminaire K330 Versailles
Area 4
King Luminaire K206
Area 7 and Area 10
Standard Colonial Lantern