

DRAFT

TOWAMENCIN TOWNSHIP

ORDINANCE NO. 23-05

AN ORDINANCE AMENDING THE TOWAMENCIN VILLAGE LAND USE AND DESIGN MANUAL BY (A) REVISING: (1) SECTION 9(E) [SITE AMENITIES REQUIREMENTS/SITE FURNISHING DETAILS: BENCHES] MAKING NEW PROVISION FOR BENCHES; (2) SECTION 16(D) [LIGHTING REQUIREMENTS/LAMP TYPES] REPLACING METAL HALIDE WITH LED FOR THE APPLICABLE LAMP REQUIREMENT; AND (3) SECTION 16(E) [LIGHTING REQUIREMENTS/FIXTURES AND POLE TYPES] MAKING NEW PROVISIONS FOR LIGHT FIXTURES "A" AND "B", AND PARKING LOT LIGHTING; AND (B) RATIFYING, APENDING, AND INCORPROATING THIS MANUAL, AS AMENDED, TO THE TOWNSHIP'S ZONING ORDINANCE AND REPEALING ANY PROVISION OF THE MANUAL AND/OR ZONING ORDINANCE INCONSISENT WITH THIS AMENDMENT

This Board deems certain amendment to the Towamencin Village Land Use and Design Manual is warranted and that such amendment is in furtherance of the Township's health, safety, and welfare.

NOW THEREFORE, BE IT ENACTED AND ORDAINED by this Board:

SECTION 1. AMENDMENT TO SECTION 9(E) [SITE AMENITIES REQUIREMENTS/SITE FURNISHINGS DETAILS: BENCHES]

Section 9(E) [Site Amenities Requirements/Site Furnishing Details] is amended to read as follows:

Benches - Kingsley Bate *Hyde Park* 6' bench or equal as approved by the Board of Supervisors

SECTION 2. AMENDMENT TO SECTION 16(D) [LIGHTING REQUIREMENTS/ LAMP TYPES]

Section 16(D) [Lighting Requirements/Lamp Types] is amended to read as follows:

D. LAMP TYPES

All lamps shall be LED or as approved by the Board of Supervisors.

SECTION 3. AMENDMENT TO SECTION 16(E) [LIGHTING REQUIREMENTS/FIXTURES AND POLE TYPES]

Section 16(E) [Lighting Requirements/Lamp Types] is amended to read as follows:

E. FIXTURE AND POLE TYPES

All lighting fixtures, poles, arms and braces shall be of one manufacturer as specified herein, or equal as approved by the Board of Supervisors.

1. Fixture type "A". See sample drawing "Lighting Fixture A" and associated specification, attached as Exhibit A. Distribution and other features may vary depending upon application and must be approved by the Board of Supervisors.
2. Fixture type "B". See sample drawing "Lighting Fixture B" and associated specification, attached as Exhibit B. Distribution and other features may vary depending upon application and must be approved by the Board of Supervisors.
3. One or two fixtures may be mounted per pole.
4. Parking Lot Lighting. See sample drawing and specification, attached as Exhibit C. Distribution and other features may vary depending on application and must be approved by the Board of Supervisors.

SECTION 4. RATIFICATION AND INCORPORATION

The Towamencin Village Land Use and Design Manual, as amended by this ordinance, is ratified and appended to/incorporated into the Township's Zoning Ordinance as thoughtfully set forth therein.

SECTION 5. SEVERABILITY

This ordinance's provisions are intended to be severable. If any section, sentence, clause, part, or provision of this ordinance is determined to be illegal, invalid, or unconstitutional by any court of competent jurisdiction, such determination shall not affect or impair this Ordinance's remaining sections, sentences, clauses, parts, or provisions.

Furthermore, it is hereby declared to be this Board's express intent that this ordinance still be adopted even if such an illegal, invalid, or unconstitutional section, sentence, clause, part, or provision had not been included.

SECTION 6. EFFECTIVE DATE

This ordinance shall take effect five days from this Board's approval of it as required by Pennsylvania law.

SECTION 7. REPEALER

All other ordinances and resolutions or parts thereof as they are inconsistent with this ordinance are hereby repealed.

ORDAINED and **ENACTED** at the Township's September 13, 2023 Meeting.

TOWAMENCIN TOWNSHIP
BOARD OF SUPERVISORS

H. Charles Wilson III, *Chairman*

Attest:

Laura C. Smith, *Secretary*

EXHIBIT A
Lighting Fixture "A" Sample Drawing and Specification

Light Fixture "A"

655 Lawrence Avenue | Roselle, IL 60172 | p 847.588.3400 | www.sternberglighting.com

CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY



CENTER POST TOP FIXTURE: A850SRLED

The A850SRLED Old Town luminaire blends form and function into a classic shape. It is supplied with a cast aluminum finial and a solid, cast aluminum roof which includes optimized heat sinks to provide maximum life and performance for the LED light sources. The acorn is sealed to the cast aluminum roof to provide a moisture free and bug-free optics chamber for the LED light source.

PT FITTER: BD5

Fitter: BD5

PT LIGHT SOURCE: -12L30T5-MDL008

Array: 12 LEDs, 27W for MD_008, 47W for MD_014 (12L)
Color Temp: 3000K (30)
Distribution: Type 5 (T5)
Driver: Multi-Volt Dimmable Low-Range Driver - 120-277V, 80mA (MDL008)

PT FIXTURE OPTIONS: -P

Acorn Material: Clear Polycarbonate (P)

POLE: 5311FP5-.188

The 17-1/2" diameter cast 356 aluminum alloy base and aluminum shaft shall be a one-piece construction. The pole shall be U.L. or E.T.L. listed in U.S. and Canada. All pole heights to have a tolerance of $\pm 2"$

Model: 5300 Kenilworth (53)
Height: 11 Ft (11)
Shaft Type: Fluted Straight 5 Inch, 6061-T6 Aluminum Alloy (FP5)
Gauge: 0.188" (.188)

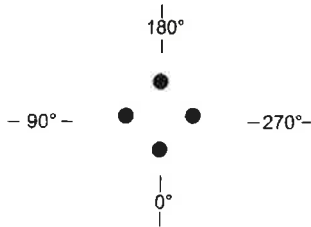
FINISH: BK

Assembly shall be powder coated to Black Smooth finish. Prior to coating, the assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance.

Wind Load Evaluation

This assembly, as configured, MEETS AASHTO requirements for wind loading

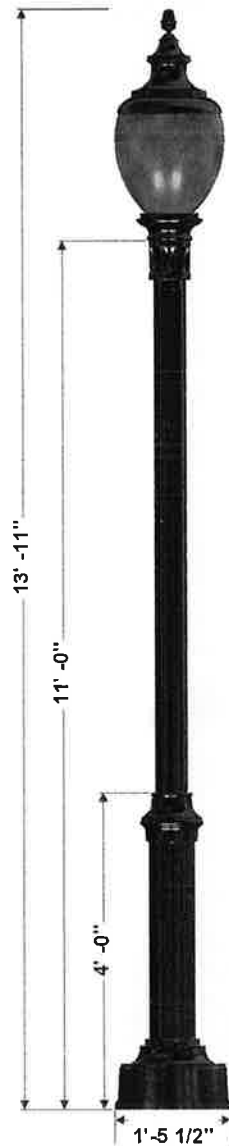
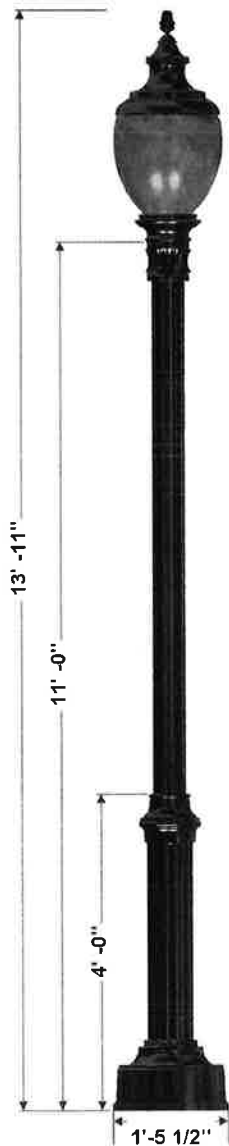
Wind Speed: 90 mph
Gust Factor: 1.14



(4) 3/4" X 18" Anchor Bolts, 14" Bolt Circle, Diamond pattern

Access Door Orientation: 45°
Street Side Orientation: 180°

Catalog Number: PT-A850SRLED-BD5-12L30T5-MDL008-P / 5311FP5-.188 / BK



Catalog Number: PT-A850SRLED-BD5-12L30T5-MDL008-P / 5311FP5-.188 / BK

EXHIBIT B
Lighting Fixture "B" Sample Drawing and Specification

Light Fixture "B"

555 Lawrence Avenue | Roselle, IL 60172 | p 847.588.3400 | www.sternberglighting.com

CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY



ARM NUMBER OF ARMS: 2

Number of Arms: Two Arms at 180 degrees (2)

ARM MOUNTED FIXTURE: 1910LED

The 1910LEDRLM series is a decorative pendant luminaire which consists of a decorative cast aluminum fitter, and optional heavy gauge spun aluminum shade with integral lens frame. The optical enclosure is sealed against moisture and dust penetration, IP66 rated per IEC 60598, The Luminaire shall be UL listed in US and Canada.

ARM FIXTURE LIGHT SOURCE: -1L35T3-MDL06-P

Array: 1L
 Color Temp: 17W(MD_03),36W(MD_06),54W(MD_09),70W(MD_12),93W(MD_16)
 Distribution: (1L)
 Driver: 3500K (35)
 Lens: Type 3 (T3)
 Multi-Volt Dimmable Low-Range Driver, 120-277V (MDL06)
 Poly Clear Teardrop (P)

ARM: 478HPM

478HPM

POLE: 5714FP5-.188

The 17-1/2" diameter cast 356 aluminum alloy base and aluminum shaft shall be a one-piece construction. The pole shall be U.L. or E.T.L. listed in U.S. and Canada. All pole heights to have a tolerance of $\pm 2"$

Model: 5700 Plainfield (57)
 Height: 14 Ft (14)
 Shaft Type: Fluted Straight 5 Inch, 6061-T6 Aluminum Alloy (FP5)
 Gauge: 0.188" (.188)

POLE CAP: BCC

BCC Pole Cap, 2" Ball.

FINISH: BK

Assembly shall be powder coated to Black Smooth finish. Prior to coating, the assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance.

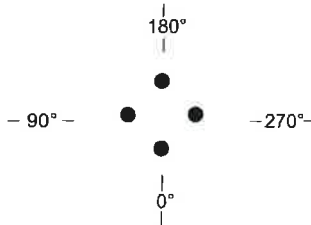
Wind Load Evaluation

This assembly, as configured, MEETS AASHTO requirements for wind loading

Wind Speed: 90 mph
 Gust Factor: 1.14

Catalog Number: 2A-1910LED-1L35T3-MDL06-P / 478HPM / 5714FP5-.188 / BCC / BK

Arms and Accessory	Orientation
478HPM	0, 180



(4) 3/4" X 18" Anchor Bolts, 14" Bolt Circle, Diamond pattern

Access Door Orientation: 45°
 Street Side Orientation: 180°

Job Name: Towamencin single

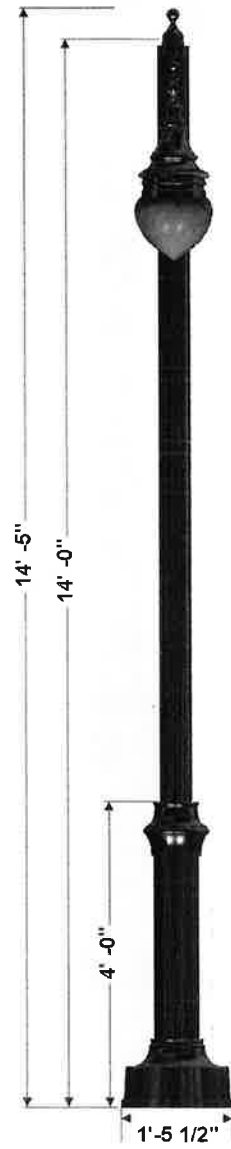
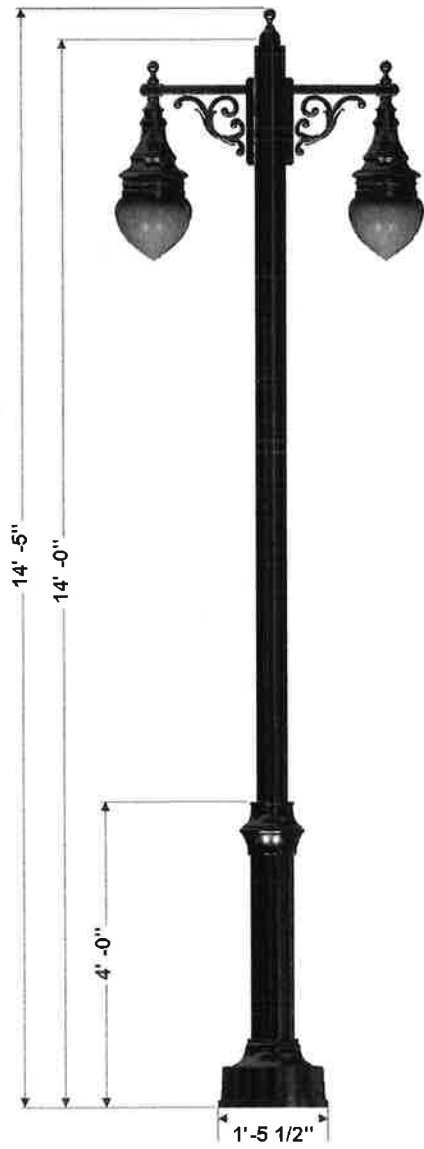
Customer Signature:

Drawing #46896

Job Location:

Date: 2023/03/29

1 of 2



Catalog Number: 2A-1910LED-1L35T3-MDL06-P / 478HPM / 5714FP5-.188 / BCC / BK

EXHIBIT C
Parking Lot Lighting Sample Drawing and Specification

Parking Lot Lights



555 Lawrence Avenue | Roselle, IL 60172 | p 847.588.3400 | www.eterbergllighting.com

CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY

ARM NUMBER OF ARMS: 1

Number of Arms: One Arm (1)

ARM MOUNTED FIXTURE: 1521LED

1521 Omega decorative downlight fixture features a spun aluminum bell styled shade with a flared or rounded edge. An aluminum casting is attached to the upper portion of the bell shade to allow coupling to multiple arms. Fixture features sealed and rotatable optics. Available with flat, sag, clear or frosted glass.

Shade Style & Mounting: Round (R) (-R)

ARM FIXTURE LIGHT SOURCE: -16L30T3-MDL018-FG

Array: 16 LEDs, 80W for MD_018 (16L)
 Color Temp: 3000K (30)
 Distribution: Type 3 (T3)
 Driver: Multi-Volt Dimmable Low-Range Driver, 120-277V, 180mA (MDL018)
 Lens: Flat Glass (FG)

ARM FIXTURE OPTIONS: -EZ

Hangstraight: EZ Vertical (EZ)

ARM: R2PM

R2PM

POLE: 5714FP5-.188

The 17-1/2" diameter cast 356 aluminum alloy base and aluminum shaft shall be a one-piece construction. The pole shall be U.L. or E.T.L. listed in U.S. and Canada. All pole heights to have a tolerance of $\pm 2"$

Model: 5700 Plainfield (57)
 Height: 14 Ft (14)
 Shaft Type: Fluted Straight 5 Inch, 6061-T6 Aluminum Alloy (FP5)
 Gauge: 0.188" (.188)

POLE CAP: RCC

RCC Pole Cap, Hemispherical Dome.

FINISH: BK

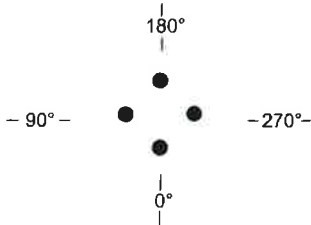
Assembly shall be powder coated to Black Smooth finish. Prior to coating, the assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance.

Wind Load Evaluation

This assembly, as configured, MEETS AASHTO requirements for wind loading

Wind Speed: 90 mph
 Gust Factor: 1.14

Arms and Accessory	Orientation
R2PM	180



(4) 3/4" X 18" Anchor Bolts, 14" Bolt Circle, Diamond pattern

Access Door Orientation: 45°
 Street Side Orientation: 180°

Catalog Number: 1A-1521LED-R-16L30T3-MDL018-FG-EZ / R2PM / 5714FP5-.188 / RCC / BK

Job Name: Towamencin single

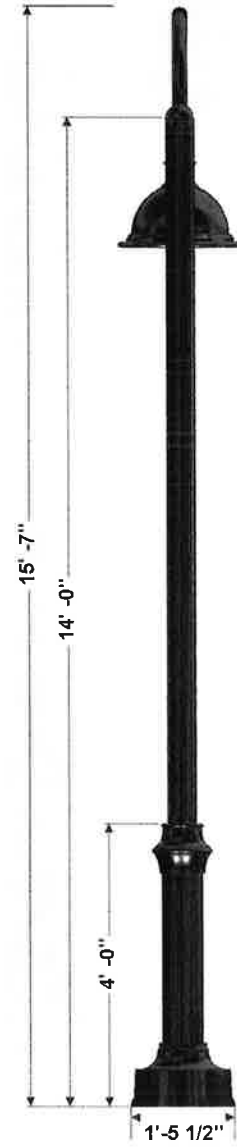
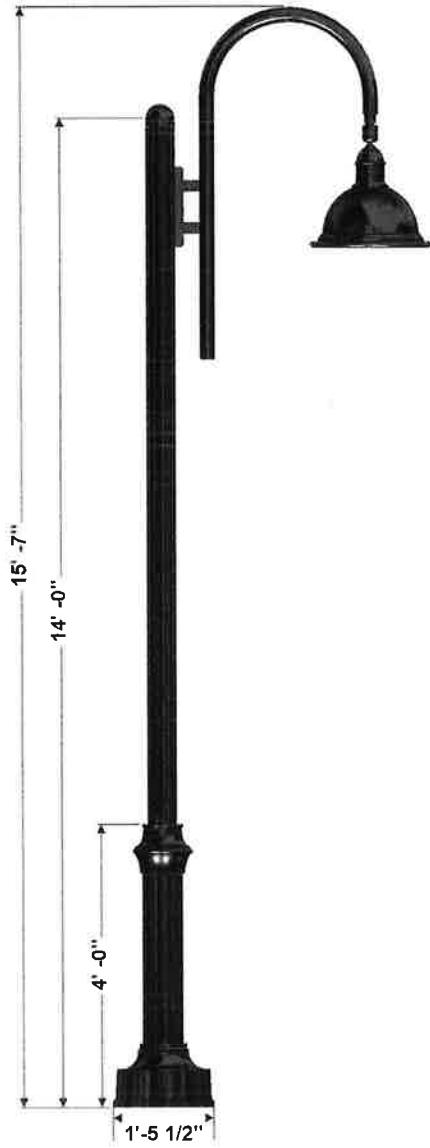
Customer Signature:

Drawing #46899

Job Location:

Date: 2023/03/29

1 of 2



Catalog Number: 1A-1521LED-R-16L30T3-MDL018-FG-EZ / R2PM / 5714FP5-.188 / RCC / BK