

ORDINANCE NO. 792

AN ORDINANCE OF THE TOWNSHIP OF PENN, YORK COUNTY, PENNSYLVANIA, AMENDING ORDINANCES NO. 390 AND NO. 495, THE RESIDENTIAL STREET LIGHTING ORDINANCE

BE IT ENACTED AND ORDAINED, by the Penn Township Board of Commissioners, York County, Pennsylvania, and it is hereby ordained by the authority of the same that Ordinance No. 390 and Ordinance No. 495 shall be amended as follows:

Section 1. Amendments

Article VII. Definitions, the following shall be added:

Walkway: Paved or otherwise improved area for pedestrian use, usually associated with a path leading to doorway of a residence from a sidewalk or driveway.

Article IX. Plan Requirements, the following shall be added:

The developer shall submit cut sheets of post light head(s) in color. The cut sheet shall also include specification and dimensions of the post light head(s) for review.

Article XII. Luminaries, Section 3 Residential Lamps, which currently reads:

Lighting Fixtures for use in illuminating residential sidewalks and walkways shall be the ornamental type and must be UL (Underwriters Laboratories) listed, suitable for wet locations. The lighting fixture shall be constructed of cast aluminum, stainless steel or solid bras (brass-plated steel is not acceptable). Lamping for the lighting fixtures shall be a minimum of 75 watt mercury vapor, 35 watt high pressure sodium (white light source only) or 50 watt metal halide. The globe or panels for the lighting fixtures shall be vandal resistant ultra violet stabilized clear polycarbonate or acrylic. The panels must be refractive (prismatic is not acceptable) so that the light is directed out and downward. The lighting fixture must be energized at dusk through the use of a UL recognized photo electric control. All other electrical components shall be UL recognized and installed as recommended by the respective manufacturer.

Shall be amended to read:

Luminaries

Lighting fixtures (post head) for use in illuminating residential sidewalks and walkways shall be the ornamental type and must be UL (Underwriters Laboratories) listed, suitable for wet locations.

A. Fixture (post head)

The lighting fixture (post head) frame housing shall be constructed of cast aluminum, solid brass, copper, crushed quarry stone composite, plastic acorn globe and plastic round globe.

Lighting fixture (post head) frame housing of non-accepted construction material - steel, brass plated steel, glass (all), plastic, open cage, and any fixture that does not allow the light source to emit outward and/or downward in all directions.

#### B. Lens

The globe or lens panels for the lighting fixture (post head) shall be clear/clear beveled, frosted white, frosted amber, frosted translucent, seeded, watermark, thumbprint, and ribbed glass. Other acceptable lens include prismatic poly carbonate and opal acrylic. Chimney diffusers in glass, poly carbonate or acrylic shall be clear, frosted, or prismatic are acceptable.

Globes or lens panels not acceptable – stained glass or plastic, leaded glass or plastic, colored globes or lens (red, purple, orange, green, & etc.).

#### C. Socket

The bulb socket(s) shall be of the screw-in type or GU 24 twist lock. The screw-in sockets include standard sockets and candelabra sockets. Standard base sockets must be rated for a minimum of 100 watt incandescent bulbs. Candelabra sockets must have a minimum of three bulb sockets in a cluster to achieve minimum lumens and must be rated for a minimum of 60 watt incandescent bulbs.

Sockets that are not acceptable shall be all other that are not listed.

#### Light Source

Bulbs of acceptable type shall include LED (Light Emitting Diodes), CFL (Compact Fluorescent), Incandescent, Halogen, Metal Halide, and Sodium Vapor. Lumens for LED, CFL, Incandescent, Halogen, Metal Halide, and Sodium Vapor see chart below. Kelvin Temperature range in 2700 (Warm White) to 5000 (Daylight) Kelvin.

Bulbs of non-acceptable type and other light sources shall include festive/colored bulbs, black light bulbs, and/or any other types. No solar powered lights, natural gas and or open flame lights shall be accepted.

#### Minimum Lumens Chart

Minimum Lumens Chart

	Incandescent	Compact Fluorescent	Halogen
Candelabra	40 Watts 384 Lumens each 120 Volt  3 X 384 = 1152 Lumens	7 Watt 340 Lumens each 120 Volt  3 X 340 = 1220 Lumens	
Standard	100 Watts 950 Lumens 120 Volt  950 Lumens	18 Watt 1100 Lumens 120 Volt  1100 Lumens	53 Watt 1050 Lumens 120 Volt  1050 Lumens

Minimum Lumens Chart

	LED	Sodium Vapor	Metal Halide
Candelabra	4 Watt 400 Lumens 120 Volt  3 X 400 = 1200 Lumens		
Standard	12 Watts 1100 Lumens 120 Volt  1100 Lumens	35 Watts 2250 Lumens 120 Volts 9 (Transformer)  2250 Lumens	50 Watts 3450 Lumens 120 Volt (Transformer)  3450 Lumens

ARTICLE XIII POWER SUPPLY the following shall be added:

1. Electrical

Electrical that shall be acceptable is 120 volt wiring from electrical source to fixture head. Underground wiring shall be in schedule 40 PVC conduit from source structure (residence) to pole. The depth of the conduit shall be a minimum of 12" below finished grade. See Exhibit A for pole installation standard detail plan.

## 2. Photo Electric Controls

The photodetector (photocell) must be located on the pole. Photodetector (photocell) must work so fixture (post head) illuminates from dusk till dawn. All electrical components shall be UL recognized and installed as recommended by the respective manufacturer.

Electrical and photodetectors that are non-acceptable shall include photodetectors (photocells) that screw into fixture (post head) sockets, hardwired clock timers, interior and or exterior toggle switches, and 12 volt or and or any other system that is not 120 volt.

ARTICLE XIV POLES paragraph four which currently reads:

Poles supporting residential lamps, as defined in this Ordinance shall measure a minimum of seven (7) feet above finish grade. Poles shall be mounted by way of lag bolts onto a concrete footer. If a pole is constructed using the direct burial method, the pole will be inserted into the footer a minimum depth of eighteen (18") inches or to a minimum depth specified by the manufacturer. Footed dimensions shall be regulated by the pole manufacturer. Poles shall be manufactured of Aluminum, Cast Iron, or Steel. Aluminum or Cast Iron poles shall have a minimum outside diameter of three (3) inches. The wall thickness of poles shall not less than one-eighth (1/8) inch thick.

Shall be deleted and replaced with:

Poles supporting residential lamps that are of acceptable material shall include Aluminum, and Polymer/PVC. These poles shall include the following requirements. The pole wall thickness shall be a minimum of .05 inch thick. The outside diameter (OD) shall be three (3") inches. The minimum allover pole length shall be eight (8') feet and the maximum allover pole length shall be ten (10') feet. The pole must be a minimum of six (6') feet above grade and maximum of eight (8') feet excluding fixture head. Anchoring for both the eight and 10 feet poles have to be buried a minimum of 2 feet below grade for direct burial poles. Direct buried poles shall have a 6" minimum stone base and a 16" depth of concrete around pole. Anchor base poles must follow manufacture's standard details. All poles shall be plumb (vertical) in ground. See Exhibit A for pole installation standard detail plan.

Poles that are non-acceptable shall include steel, wrought iron, and all other materials not listed above.

The following section shall be added

## ARTICLE XX MAINTENANCE

### 1. Maintenance

The fixture (post head), lens, sockets, bulbs, pole, power supply, and photo electric control shall be maintained in a working order. The fixture and pole shall be maintained in a complimentary paint scheme to match the house/neighborhood theme. If the fixture is

damaged, missing or broken lens, bulbs not in working order, pole is damaged or leaning, the power supply interrupted, photo electric control fails to turn on, and the post or fixture (post head) is unsafe in any other manor the item must be replaced.

2. Vegetation

Grass, annual and perennial plants, shrubs and trees are permitted as vegetation around the pole and fixture (post head). It must be maintained so the growth of the vegetation shall not block or hinder the fixture (post head), lens, and photo electric controls. The vegetation must allow the light to project from the fixture (post head) so the light emits outward and/or downward in all directions.

3. Holiday Decorations

Holiday décor is permitted to be attached to the pole and fixture (post head). The bulb/light source shall not alter and must follow article XI Light Source. Additional holiday lighting shall not hinder the photo electric controls from normal operation. Holiday pole light covers (Jack-o-lantern, Santa head, snowman head & Etc.) in plastic material and bed sheet ghost (white fabric sheet) at Halloween shall be permitted as long as the holiday cover is displayed during the proper season and must not be displayed for more than 30 calendar days.

Section 2. SEVERABILITY

Should any section or provision of this Ordinance be declared invalid by court of competent jurisdiction, such decision shall not affect the validity of any of the remaining provisions.

Section 3. REPEALER

All other Ordinances or parts of ordinances of Penn Township which are contrary to the provisions of this Ordinance are hereby repealed to the extent necessary to give this Ordinance full force and effect.

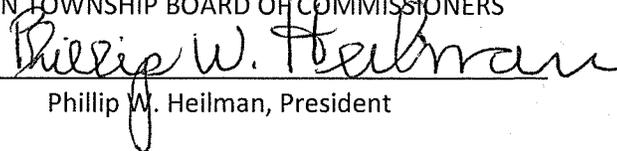
Section 4. EFFECTIVE DATE

This Ordinance shall become effective on October 17, 2016.

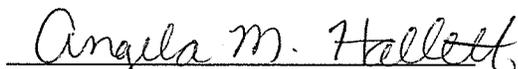
ENACTED AND ORDAINED, this 17<sup>th</sup> day of October 2016.

PENN TOWNSHIP BOARD OF COMMISSIONERS

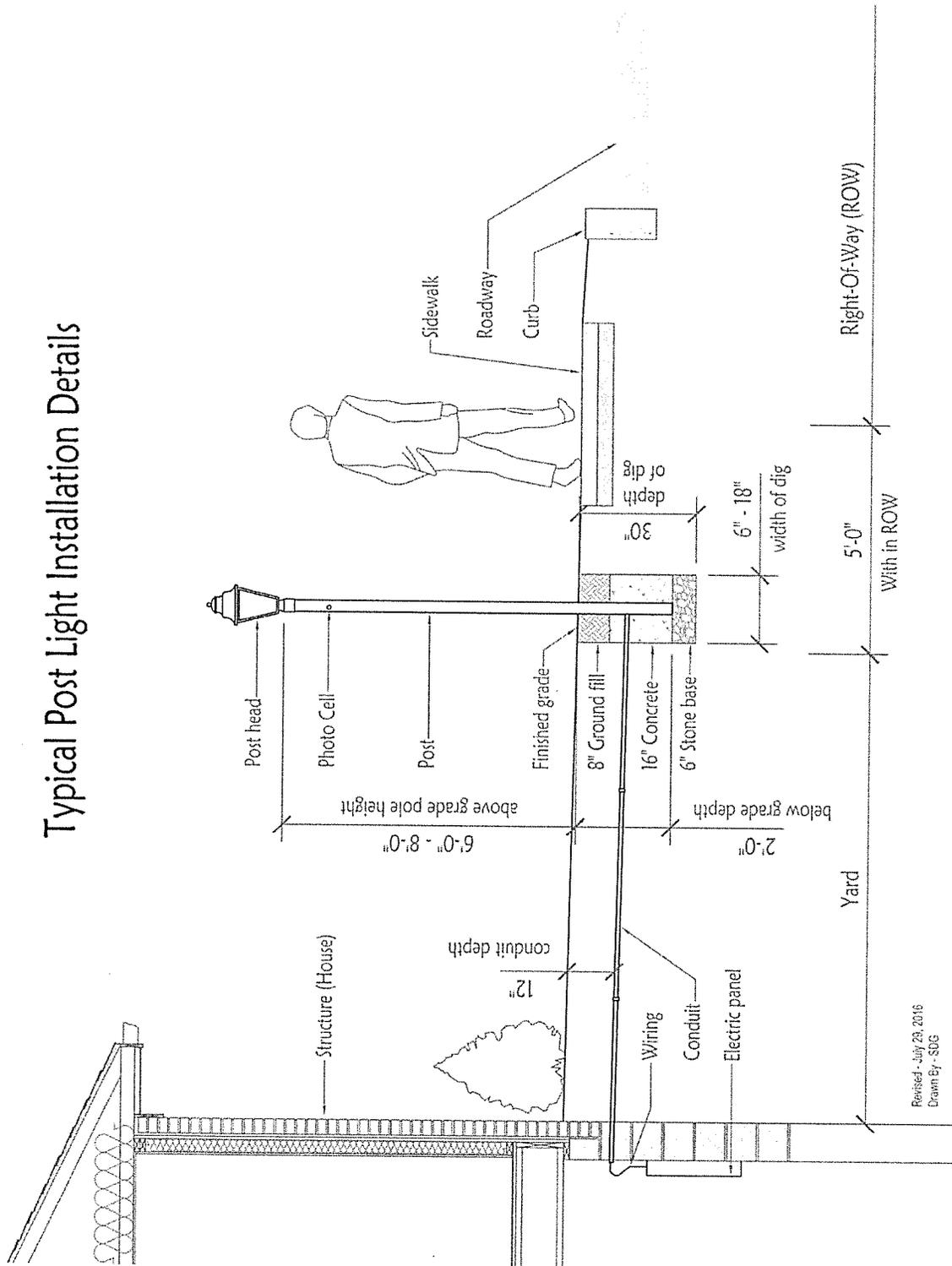
By:

  
Phillip W. Heilman, President

Attest:

  
Angela M. Hallett, Township Secretary

# Typical Post Light Installation Details



Revised - July 23, 2016  
 Drawn by - SGG