

NOTES:

STREET LIGHTS MOUNTED ON MAST ARM OR D-POLE

- * SAME WIRING AS STREET LIGHT POLE EXCEPT THERE IS NO TERMINAL BLOCK. STREET LIGHT WIRING IS TERMINATED IN THE SAME MANNER AS TRAFFIC SIGNAL WIRING.
- * ELECTRICAL CONNECTIONS SHALL BE UNDERGROUND, EVEN IF TRAFFIC CONNECTION IS OVERHEAD.

WIRING

PECO:

- * 240/480 – CONSISTS OF (2) 240 V LINES AND A NEUTRAL
- * 120/240 – CONSISTS OF (2) 120 V LINES AND A NEUTRAL. THIS CONFIGURATION BEST SUITES OUR NEEDS AND ALL NEW INSTALLATIONS FOLLOW THIS CONFIGURATION.
- * 240 – CONSISTS OF (2) 120 V LINES. NO NEUTRALS AND ARE USUALLY FOUND UNDERGROUND.
- * 240 – ALSO – (1) – 240 LINE + 1 NEUTRAL
- * ALL STREET LIGHTING WIRE IS COPPER.
- * SPACING – PREFERRED 90'–100'
– MAX 125'

LUMINAIRES

- * 70 W
- * 150 W
- * 100 W – SMALL RESIDENTIAL
- * 250 W – MOST COMMONLY USED
- * 400 W – CENTER CITY MAIN STREETS
- * ALL OF OUR LUMINAIRES ARE HPS AND HAVE A YELLOW TINT. IF A LIGHT IS PRIVATELY OWNED, IT IS METAL HALIDE AND HAS A WHITE TINT
- * 100 W REQUIRES 120 V SERVICE, THEREFORE, ONLY 120/240 SERVICE LINES CAN BE USED
- * 250 & 400 W REQUIRES 240 V SERVICE, THEREFORE, ALL THREE SERVICE LINES CAN BE USED
- * SNOW FLAKE LIGHTS– REQUIRE 120 V SERVICE, THEREFORE ONLY 120/240 SERVICE CAN BE USED
- * SERVICE WIRE FOR ALL LUMINAIRES IS 12–2 μ F. INCIDENTAL TO LUMINAIRE ITEM

BRACKETS VS. DAVITS

- * BRACKETS ARE INSTALLED ON TRAFFIC POLES AND STREET LIGHT POLES.
- * BRACKETS ARE PAINTED BROWN AND DAVITS ARE THE NATURAL COLOR.
- * DAVITS ARE INSTALLED ON WOOD POLES; HOWEVER, THE BRACKETS MAY BE ALSO BE INSTALLED ON WOOD POLES IF THE PAINTED ARMS ARE DESIRABLE FOR THE CORRIDOR.

CITY OF PHILADELPHIA
DEPARTMENT OF STREETS
GENERAL NOTES

DATE	11/06/12	SHEET 1 OF 1
REVISED	3/01/15	
APPROVED:	V.L.F.	

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