

CITY OF TAMPA KENNEDY BOULEVARD LIGHTING

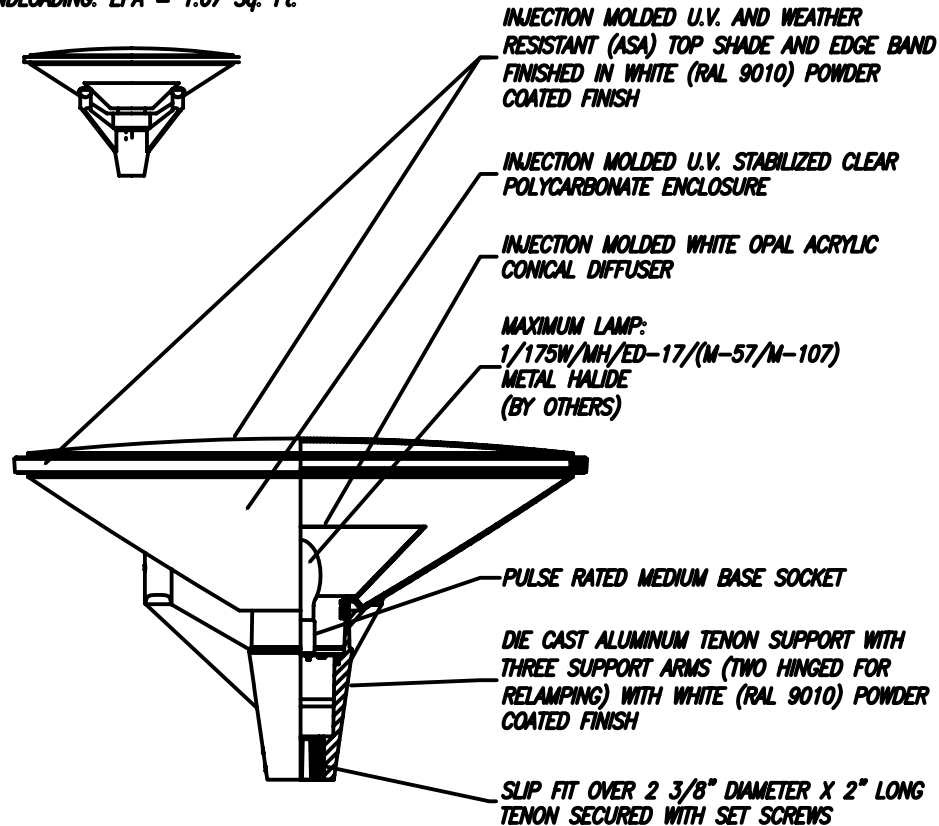
LOUIS POULSEN KIP 1/175MH ED-17 MEDIUM 120/277 WHT WHITE OPAL

NOTES:

1. HID VERSIONS ARE PROVIDED STANDARD WITH ONE 120/277V F-CAN STYLE BALLAST FOR INSTALLATION IN POLES WITH INSIDE DIAMETERS OF 4 1/4" OR LARGER

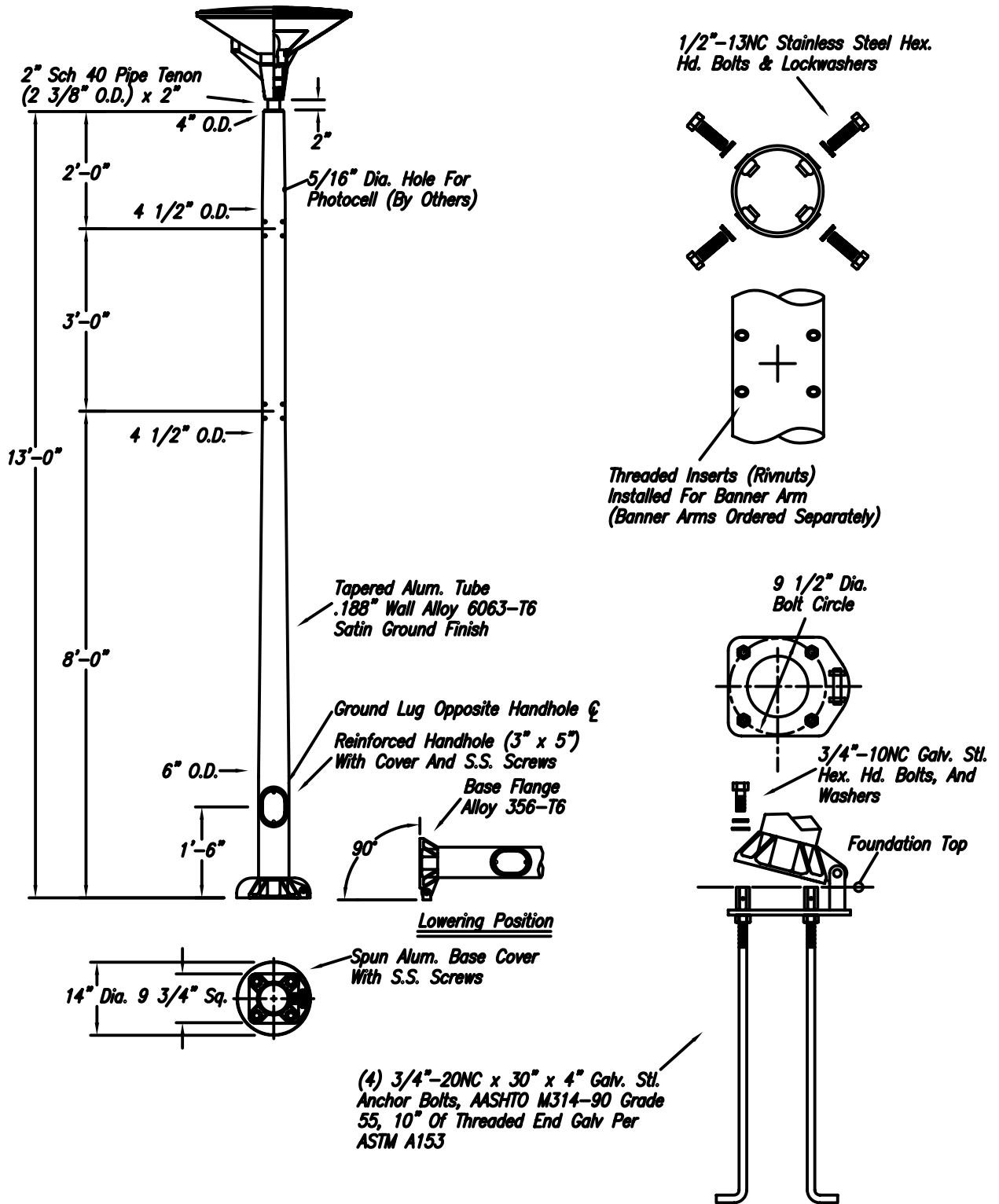
2. MAXIMUM BALLAST TO LAMP DISTANCE FOR 175W/MH 65 FT.

WINDLOADING: EPA = 1.67 Sq. Ft.



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HAPCO 88898DG RTA13 POLE RAL 9010 FINISH



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NOTES:

1. Poles are designed per AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" 2001, 4th Edition for a basic wind speed (3 sec. gust) of 130 m.p.h. supporting a luminaire with a maximum E.P.A. of 1.8 s.f. and maximum weight of 50 lbs. and two (2) 2'-3" wide X 3'-0" banners with bottoms at 8 ft. above base.
2. The shaft shall be one piece round tapered aluminum of alloy 6063 and shall be full length heat-treated to T6 temper after welding on the base flange. The heat treat facility shall be certified to meet the requirements of MIL-H-6088 and ASTM B597. A 3" wide X 5" high reinforced handhole shall be welded at 1'-6" above the bottom of the shaft. The handhole reinforcement frame shall be cast aluminum alloy 356-T6. An aluminum handhole cover with two 1/4" hex head stainless steel screws shall be provided for the handhole. As provision for grounding a lug with 3/8" dia. hole shall be welded internally opposite the handhole.
3. The base flange, for the attachment of the shaft to the foundation, shall be of one piece cast socket of aluminum alloy 356-T6 with welded hinge attachment to the anchor bolt assembly. A spun aluminum base cover shall be provided.
4. The anchor bolt assembly shall consist of ASTM A36 steel plate with welded hinge connection plates. Anchor bolts shall be attached to the plate with hex couplings and hex head bolts. The anchor bolts shall meet AASHTO M314 Grade 55. The anchor bolt assembly plates shall be hot-dipped galvanized per ASTM A123. Anchor bolts shall be hot-dipped galvanized per ASTM A153 at the threaded end for at least 10". The anchor bolts shall include a 4" right angle hook at the unthreaded end. An ASTM A325 structural bolt, heavy hex nut, hex coupling, washer, and lock washer shall be provided with each anchor bolt. The bolts, nut, coupling, washer, and lock washer shall be galvanized per ASTM A153.
5. Welding shall be done by inert gas shielded metal arc method with consumable electrode. Aluminum alloy 4043 electrodes shall be used. Welding shall be in accordance with AWS Specification D1.2, Structural Welding Code - Aluminum. The pole manufacturer shall also be certified by the Canadian Welding Bureau to CSA Standard 47.2 and shall employ a CSA certified welding engineer.

KENNEDY BLVD. LUMINAIRE & POLE SCHEDULE					
TYPE	MANUFACTURER	CATALOG NO.	VOLT	LAMPS	MOUNTING
L1	LOUIS POULSEN	KIP 1/175MH ED-17 MEDIUM 120/277 WHT WHITE OPAL OR APPROVED EQUAL	120/277	MH175/C/U/MED	TENON POST TOP ANCHOR BASE
P1	HAPCO	88888DG RTA 13 POLE RAL 9010 FINISH OR APPROVED EQUAL			TENON POST TOP ANCHOR BASE
<p>GENERAL NOTES:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. PROJECTS WILL BE VOLTAGE SPECIFIC CONTRACTOR WILL BE RESPONSIBLE TO VERIFY</p> <p>2. BANNER ARMS TO BE FIELD INSTALLED AS REQUIRED</p> </div> <div style="width: 45%;"> <p>3. FOR PRICING AND AVAILABILITY CONTACT: JOHN LAMB OR BILLY BEATTIE GULF LIGHTING 9400 4TH ST. N. SUITE 200 ST. PETERSBURG, FL 33704 727-576-8488</p> </div> </div>					