

LUMEC DESCRIPTION OF COMPONENTS (OR APPROVED EQUAL):

BRACKET: TN-017-1A-GN6TX

ARM: MADE OF CAST 365 ALUMINUM, WELDED.

ADAPTOR: CLAMPS MADE OF CAST ALUMINUM, WELDED TO THE ARM AND MECHANICALLY FASTENED TO THE POLE BY FOUR BOLTS AND NUTS.

POLE: SSM8V-20 MADE FROM A ONE-PIECE, SEAMLESS 5 9/16" ROUND (141mm) HIGH TENSILE CARBON STEEL SHAFT SEALED BY A ROLLED AND FLATTENED VERTICAL WELD SEAM AND WELDED OVER AND IN A 8 5/8" ROUND (219mm) HIGH-TENSILE CARBON-STEEL POLE BASE. THE ASSEMBLY IS WELDED TO BOTH THE TOP AND THE BOTTOM OF A STEEL ANCHOR PLATE. A 4 1/2" x 10" (114x 254mm) MAINTENANCE OPENING IS COMPLETE WITH COVER AND COPPER GROUND LUG.

JOINT COVER: MADE FROM TWO PIECES OF CAST ALUMINUM MECHANICALLY FASTENED TO THE JUNCTION WITH STAINLESS STEEL HARDWARE.

BASE COVER: DECORATIVE BASE COVER MADE FROM CAST-ALUMINUM PIECES MECHANICALLY ASSEMBLED TOGETHER WITH STAINLESS STEEL HARDWARE AROUND THE BASE OF THE POLE.

MAINTENANCE OPENING: THE POLE SHALL HAVE A 4 1/2" x 10" (114x254mm) MAINTENANCE OPENING CENTERED 25 1/4" FROM THE BOTTOM OF THE ANCHOR PLATE, COMPLETE WITH A WEATHERPROOF CAST 365 ALUMINUM COVER AND A FACTOR ASSEMBLED COPPER GROUND LUG.

BASE COVER: DECORATIVE BASE COVER MADE FROM CAST ALUMINUM PIECES MECHANICALLY ASSEMBLED TOGETHER WITH STAINLESS STEEL HARDWARE AROUND THE BASE OF THE POLE.

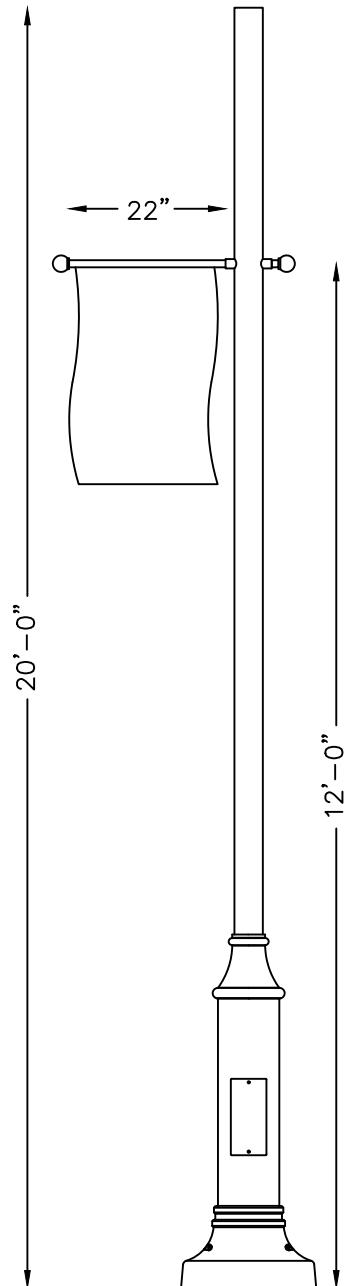
POLE OPTIONS: BANNER ARM MADE OF ALUMINUM TUBING 1 1/16" OUTSIDE DIAMETER, MECHANICALLY ASSEMBLED TO THE POLE. BANNER ARM PLACEMENT TO BE AT 12' 0" FROM BASE OF POLE.

MISCELLANEOUS:

WIRING: TYPE TIEW 14 GA. 12" MIN. EXCEEDING TOP OF POLE. ALL ELECTRICAL CONNECTIONS SHALL BE MADE WITH QUICK-DISCONNECT CONNECTORS.

HARDWARE: ALL EXPOSED SCREWS WILL BE STAINLESS STEEL. NEOPRENE AND/OR SILICONE GASKETING IS APPLIED.

COLOR: FOREST GREEN. FINISH: TEXTURED. APPLICATION OF A POLYESTER POWDER COATED PAINT. (5mils/127 microns). THE CHEMICAL COMPOSITION PROVIDED A HIGHLY DURABLE UV AND SALT SPRAY RESISTANT FINISH IN ACCORDANCE TO THE ASTM-B117-73 STANDARD AND HUMIDITY PROOF IN ACCORDANCE TO THE ASTM-D2247-68 STANDARD.



CITY OF GIG HARBOR  
ENGINEERING DIVISION

STANDARD  
20 FOOT LIGHT POLE

DETAIL NO.  
2-30

APPROVED FOR PUBLICATION  
CITY ENGINEER                    DRAFT

12/05/2024

DATE                    DRAFT