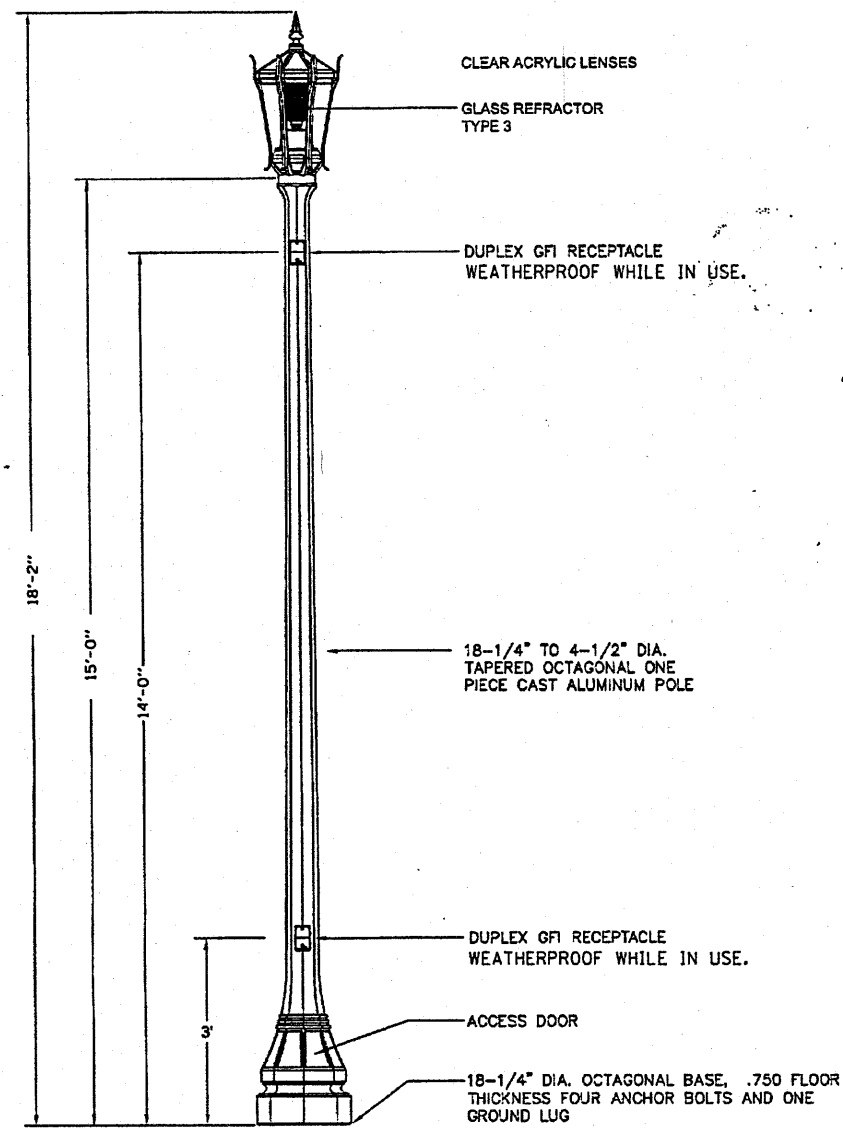


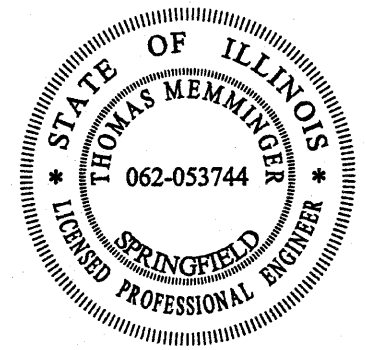
ROADWAY LIGHTING POLE



PEDESTRIAN LIGHTING POLE

NOTES:

1. LIGHTING UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGN, LUMINARIES AND TRAFFIC SIGNALS DESIGN WIND VELOCITY SHALL BE 90 MPH WITH A MINIMUM DESIGN LIFE OF 50 YEARS.
2. IN ADDITION TO AASHTO CRITERIA, THE POLES SHALL BE DESIGNED FOR THE WORST CASE LOADING CONDITION SET FORTH IN IDOT SPECIFICATIONS 1069.01(0)(1) FOR A DESIGN LUMINAIRE HAVING AN EPA OF 1.6 FT² AND A MAXIMUM WEIGHT OF 75 LBS.
3. ALL RECEPTACLE COVERS NOTED AS WEATHER PROOF SHALL COMPLY WITH NEC ARTICLE 406.9 B1. UNITS SHALL REMAIN RAIN TIGHT WHETHER OR NOT A PLUG AND CORD ARE INSERTED. COVERS SHALL BE EXTRA DEEP, SUNLIGHT RESISTANT AND PADLOCKABLE.



EXPIRES: 11/30/2011

Thomas Memminger
 THOMAS MEMMINGER
 ELECTRICAL ENGINEER

10/20/2010
 DATE

LUMINAIRE SCHEDULE						
SYMBOL	TYPE	LABEL	QTY	DESCRIPTION	LAMP	POLE/BASE
●	F1	STREET LIGHTS	16-250W 4-200W	CAST, ALUMINUM HOUSING CLEAR, ASYMMETRIC ACRYLIC TEARDROP LENS	250 WATT HPS WITH 27,500 INITIAL DELIVERED LUMENS OR 200 WATT HPS WITH 21,400 INITIAL DELIVERED LUMENS. SEE WIRING PLAN, SHEET 29.	CAST ALUMINUM 31' HEIGHT, 8" OCTAGONAL POLE 32" H., 26" W. DECORATIVE BASE
◆	F2	PEDESTRIAN LIGHTS	8	CAST, ALUMINUM HOUSING CLEAR, ASYMMETRIC GLASS REFRACTOR	100 WATT HPS WITH 9500 INITIAL DELIVERED LUMENS	CAST ALUMINUM 16'-0" HEIGHT, 5" OCTAGONAL POLE 18" WIDE DECORATIVE BASE

Revised 10-29-10