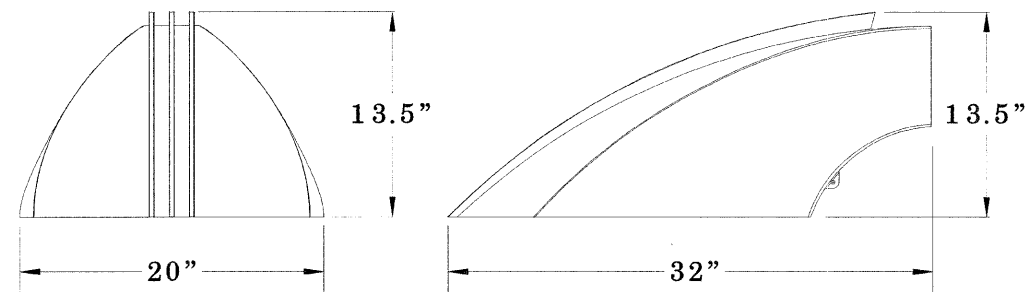


LUMEC MODEL HELIOS



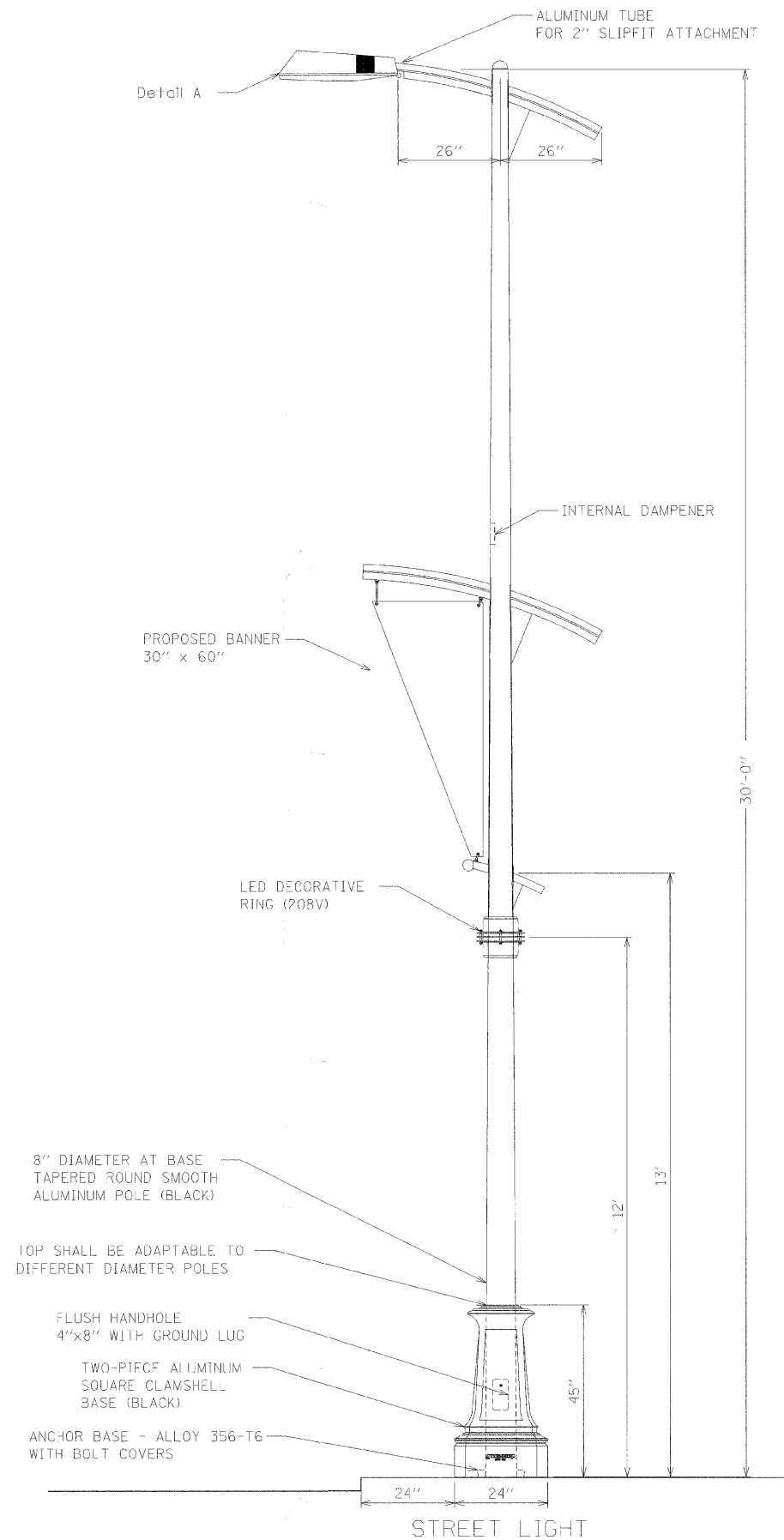
US ARCH. LIGHTING MODEL SCX

DETAIL A

ACCEPTABLE LUMINAIRE DESIGNS, OR APPROVED EQUAL

NOTES - STREET LIGHT

1. LUMINAIRE SHALL BE A MODERN ARCHITECTURAL STYLE COBRAHEAD ROADWAY FIXTURE. THE HOUSING SHALL HAVE SLEEK STYLE LINES WITH DARK SKY FRIENDLY OPTICS.
2. LUMINAIRE SHALL BE 250 WATT HIGH PRESSURE SODIUM RATED FOR 208 VOLTS.
3. LUMINAIRE SHALL HAVE GLASS FLAT LENS OPTICS FOR FULL CUTOFF DISTRIBUTION. THE OPTICAL SYSTEM SHALL BE SEALED WITH A MINIMUM IP64 RATING.
4. LUMINAIRE SHALL HAVE TOOL FREE ACCESS TO INTERNAL COMPONENTS. INTERNAL COMPONENTS SHALL HAVE TOOL FREE FEATURES.
5. POLE AND ARMS SHALL BE SMOOTH ALUMINUM WITH A BLACK ANODIZED FINISH.
6. CLAM SHELL BASE SHALL BE CAST ALUMINUM WITH A BLACK ANODIZED FINISH. THROAT OF BASE SHALL BE ADAPTABLE TO DIFFERENT DIAMETER POLES.
7. BANNER ARM SHALL HAVE SIMILAR CONTOURS TO THE LUMINAIRE ARM. BANNER ARM SHALL BE DESIGNED FOR A 30" x 60" SIZED BANNER.
8. A CUSTOM BLUE LED DECORATIVE RING SHALL BE INCLUDED BELOW THE BANNER. POWER FOR THE RING SHALL BE FROM A SEPERATELY FUSED CIRCUIT IN PARALLEL WITH THE LUMINAIRE. LIGHT SHALL BE RATED FOR 208 VOLTS.
9. LIGHT POLES SHALL BE DESIGNED FOR 90 MPH WIND VELOCITY AND A MINIMUM DESIGN LIFE OF 50 YEARS PER ARTICLE 1069.01 OF THE IDOT STANDARD SPECIFICATIONS.



STREET LIGHT

FILE NAME = #FILER



USER NAME =	DESIGNED - DAD	REVISED - March 13, 2009
PLOT SCALE =	DRAWN - DAD/KJB/WM	REVISED - March 23, 2009
PLOT DATE =	CHECKED - JJM	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STREET LIGHT DETAILS

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RIE.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
323	06-00625-00-SW	DECATUR	121	82
ELDORADO STREETScape PROJECT CONTRACT NO. 95574				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT: TE-0007135				