PLAN	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	ALIGNMENT CHECKED
NO.	RT. OF WAY CHECKED
	CADD FILE NAME

PROFILE	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	PROFILE CHECKED
	B.M. NOTED

LUMINAIRE:

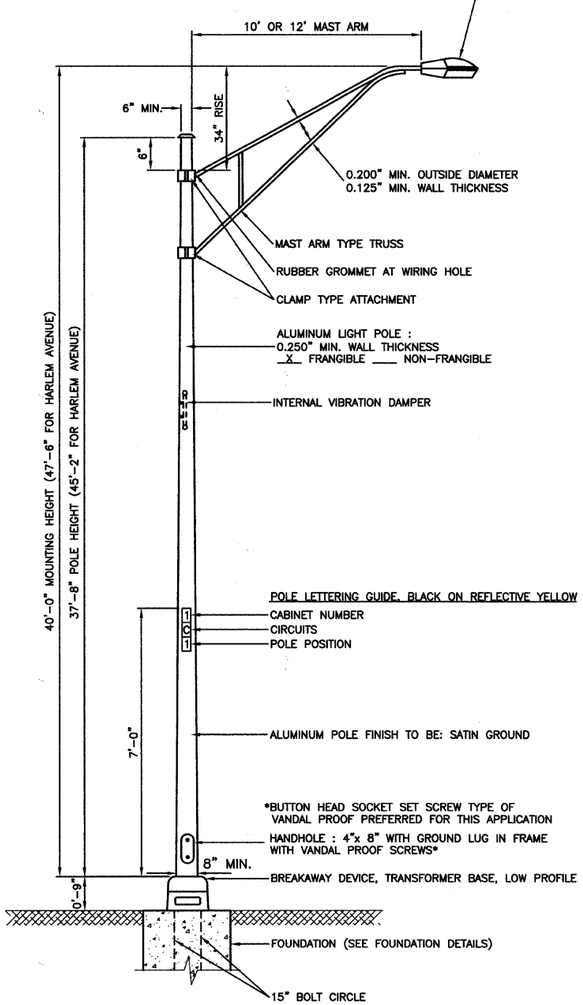
250 WATT HIGH PRESSURE SODIUM LAMP
240 VOLT BALLAST

I.E.S. TYPE:	MC III LIGHT DISTRIBUTION, FULL CUTOFF	OR
LENS TYPE:	FLAT	
INITIAL LAMP LUMENS:	28,000	
LAMP LIFE:	24,000 HOURS	

LUMINAIRE:

400 WATT HIGH PRESSURE SODIUM LAMP
240 VOLT BALLAST

I.E.S. TYPE:	MC III LIGHT DISTRIBUTION, FULL CUTOFF
LENS TYPE:	FLAT
INITIAL LAMP LUMENS:	50,000
LAMP LIFE:	24,000 HOURS



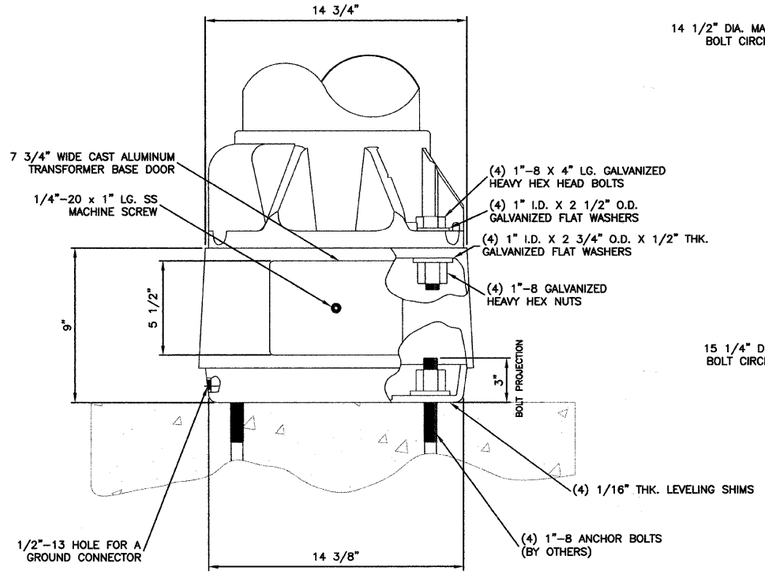
NOTES:

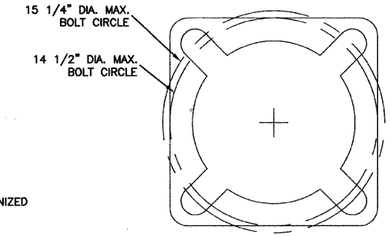
1. THE LIGHTING UNITS SHALL MEET AASHTO DESIGN CRITERIA. DESIGN FOR 90 M.P.H. WIND WITH 30% GUST AND 75 POUND LUMINAIRE HAVING AN E.P.A. OF 1.6 SQ. FT. AND PROPER ICE LOADING.
2. ALUMINUM ALLOY 6063–T6 SHALL BE USED.
3. LIGHT POLE AND ASSOCIATED EQUIPMENT TO BE U.L. LISTED

TYPICAL POLE INSTALLATION

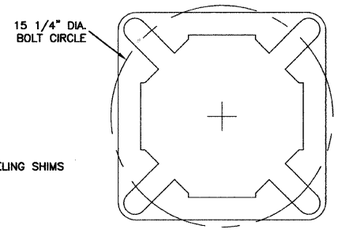
IMPORTANT NOTE:

TRANSFORMER BASE AND LIGHTPOLE TO BE LEVELED AS ONE UNIT. USING LEVELING SHIMS IF REQUIRED.



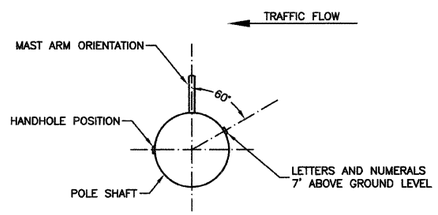


TOP DETAIL



BOTTOM DETAIL

BREAKAWAY TRANSFORMER BASE DETAIL



POSITION OF HANDHOLE AND NUMERALS ON POLE

Robinson ENGINEERING

FILE NAME = 09302-DTLS-01 - P02	USER NAME =	DESIGNED — DWS	REVISED —
		CHECKED — EJT	REVISED —
	PLOT SCALE = N/A	DRAWN — MJD	REVISED —
	PLOT DATE = 10-20-09	CHECKED — PAP	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

191ST STREET
80TH AVENUE (FAU 2755) TO HARLEM AVENUE (FAP 0348)
STREET LIGHTING DETAILS

SCALE: N/A | SHEET NO. 8 OF 12 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3754	09-00107-00-LT	WILL	12	8
		CONTRACT NO. 63288		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (331)		