



INSTALLATION NOTES

- STEP 1 COAT EXPOSED PORTION OF ANCHOR BOLTS WITH APPROVED ANTI RUSTING GREASE ("NO-OX" OR EQUAL).
- STEP 2 INSTALL LOWER LEVELLING NUTS & WASHERS. SET AT PROPER GRADE WITH HAND LEVEL. USE TABLE FOR APPROPRIATE DIMENSIONS.
- STEP 3 MOUNT POLE OR PEDESTAL, ATTACH TOP WASHERS & NUTS HAND TIGHT.
- STEP 4 PLUMB POLE OR PEDESTAL AFTER ALL MASTARMS, STREET LIGHTS, TRAFFIC SIGNALS & OTHER APPURTENANCES ARE ATTACHED TO POLE & TIGHTEN ALL NUTS.
- STEP 5 ATTACH NUT COVERS WHERE REQUIRED.
- STEP 6 DO NOT GROUT IN SPACE BETWEEN BOTTOM OF POLE & TOP OF FOUNDATION. TOP OF FOUNDATION OR SURFACE OF SIDEWALK MUST BE LEFT CLEAN AND SMOOTH.
- STEP 7 POLE OR PEDESTAL IS TO BE PERFECTLY PLUMB, NO "RARE" IS TO BE LEFT.

IF NECESSARY:
ANCHOR BOLT TO BE TRIMMED WITH SAW. DO NOT BURN, AS THIS DRASTICALLY REDUCES THE TENSILE STRENGTH OF ANCHOR BOLT.
COAT ANCHOR BOLT WITH RUST-OLEUM HARD HAT ZINC RICH COMPOUND.

T A B L E

UNIT	ANCHOR BOLT SIZE							
	1"		1 1/4"		1 1/2"		3/4"	
	7 GA.	3 GA.	7 GA.	3 GA.	7 GA.	3 GA.	ALUM. PED.	
A	7/16"	7/16"	1 1/8"	1 1/8"	1 1/8"	7/8"	3/4"	
B	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	3/4"	
C	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/16"	
D	5/32"	5/32"	1/4"	1/4"	1/4"	1/4"	5/32"	
E	1"	1"	1 1/4"	1 1/2"	1 1/2"	1 3/4"	5/8"	

CONSTRUCTION METHOD FOR "DOUBLE-NUT" INSTALLATION OF POLES AND PEDESTALS

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DESIGNED BY: EUGENE GEBULIS
SUPERVISING ENGINEER: EUGENE GEBULIS
ELECT. DESIGN ENGR. I.C.E. No. 1000
ENGINEER: M.S.S.
S.W.G. No. 837

DATE: 22 1 1950
SCALE: 1" = 1"
DATE: 6-7-85

11-2711 ST. BORDEN/JOHN
 11-6-2009, 03:24:4
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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
112TH PLACE OVER
F.A.I ROUTE 57 (INTERSTATE 57)

ELECTRICAL STANDARD DETAILS

SCALE: NONE
DATE: 01/16/09
DRAWN BY: N/A
CHECKED BY: N/A

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
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