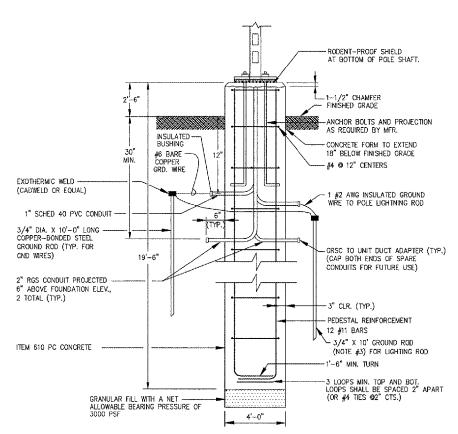
- ANCHOR BOLTS, PATTERN, AND MOUNTING HARDWARE SHALL BE AS REQUIRED BY THE POLE MANUFACTURER AND SHALL BE INSTALLED ACCORDING TO THEIR RECOMMENDATIONS.
- 2, CONCRETE SHALL BE ITEM 510 PC AND REINFORCING STEEL SHALL BE ASTM, A615 GR 60.
- 3. CONTRACTOR MAY USE 12 #8 BARS IN LIEU OF 9 # 10 BARS.

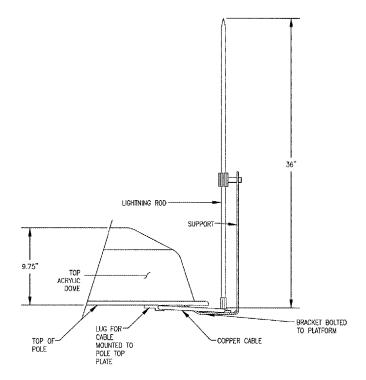
## TOP VIEW



NOTES:

- 1. POLE FOUNDATION IS 19"-6" LONG AND 48" DIA. FOR 90' POLE.
- POLE SUPPLIER TO FURNISH ALL LOADING INFORMATION PERTAINING TO DESIGN OF CONCRETE FOUNDATION FOR FINAL CHECKING BY STRUCTURAL ENGINEER. SEE SPECIAL PROVISIONS.
- PROVIDE 1-#2 AWG BONDING WIRE BETWEEN BOTH GROUND RODS EXOTHERMIC WELDED. GROUND RODS SHALL NOT BE SPACED LESS THAN 10 FEET APART.

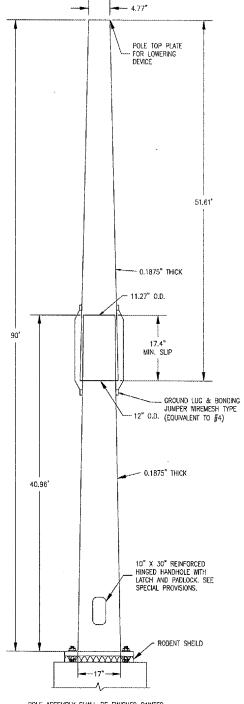
# HIGH MAST LIGHT POLE FOUNDATION DETAIL A



DETAIL FOR LIGHTNING ROD (LR) (36')

## LIGHTING FIXTURE AND POLE NOTES

- LIGHTING FIXTURE WILL BE 1000W HIGH PRESSURE SODIUM, 208V AS DETAILED IN THE LIGHTING FIXTURE SCHEDULE.
- 90 FT. POLE WITH LOWERING DEVICE SYSTEM DARK BRONZE POWDER CALTED FINISH OVER CALVANIZED TREATMENT, METROLLUX ROADWAY LIGHTING SOLUTIONS NO. 5410-LD-90-3A-TL-SS-4C8-82-HEM-PW-LR. (3A = 3 ARMS WITH ELBOWS WITH COUNTERWEIGHTS) — 2 TOTAL
- 3. LOWERING DEVICE EXTERNAL PORTABLE MOTOR FOR HOIST (OPTION HEM) WITH REVERSIBLE MOTOR STEPDOWN TRANSFORMER, REMOVABLE SUPPORT AND LOW VOLTAGE (24V) REMOTE CONTROL WITH 20' CONTROL CABLE. LOWERING DEVICE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR POLES 1 TOTAL
- 4. ALL POLES SHALL BE EQUIPPED WITH LIGHTNING ROD AT TOP OF POLE AND LIG FOR #2 AWG WIRE TO LIGHTNING GROUND ROD AND LIGHTNING ARRESTER AT BASE.
- 5. ALL TWO PIECE POLES SHALL HAVE COPPER BONDING JUMPER, AS SHOWN.
- 6. SEE SPECIAL PROVISIONS.



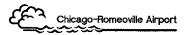
POLE ASSEMBLY SHALL BE FINISHED PAINTED OVER GALVANIZED TREATMENT. FUSED POWDER COATING—DARK BRONZE.

90' POLE ASSEMBLY



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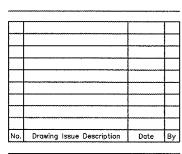


### JOLIET REGIONAL PORT DISTRICT

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EXTEND TAXIWAY E: CONSTRUCT GA APRON, AVGAS FUELING APRON AND AUTO PARK 100

AIP PROJECT NO. 3-17-0140-B38 IDA PROJECT NO. LOT-3441



Date

MARCH 25, 2005

Sheet Title

# HIGH-MAST POLE SYSTEM DETAILS

840-04D8041
Project Number
Leyout By Oute
Designed By Osta

Reviewed By Oute

DETAILS SHOWN ARE NOT TO SCALE