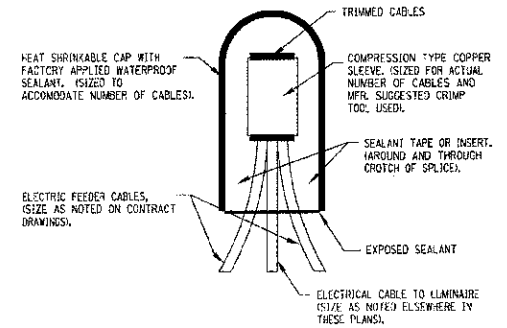
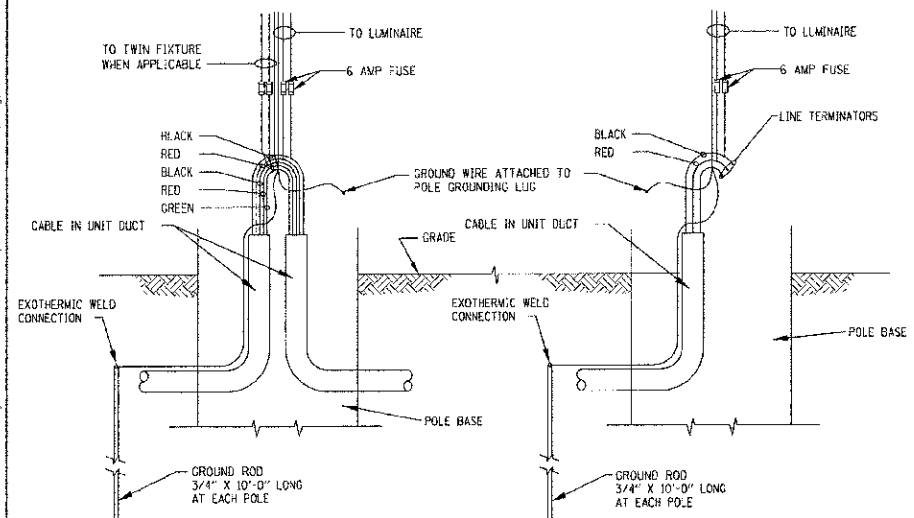


TYPICAL WIRING IN TRENCH DETAIL  
NO SCALE



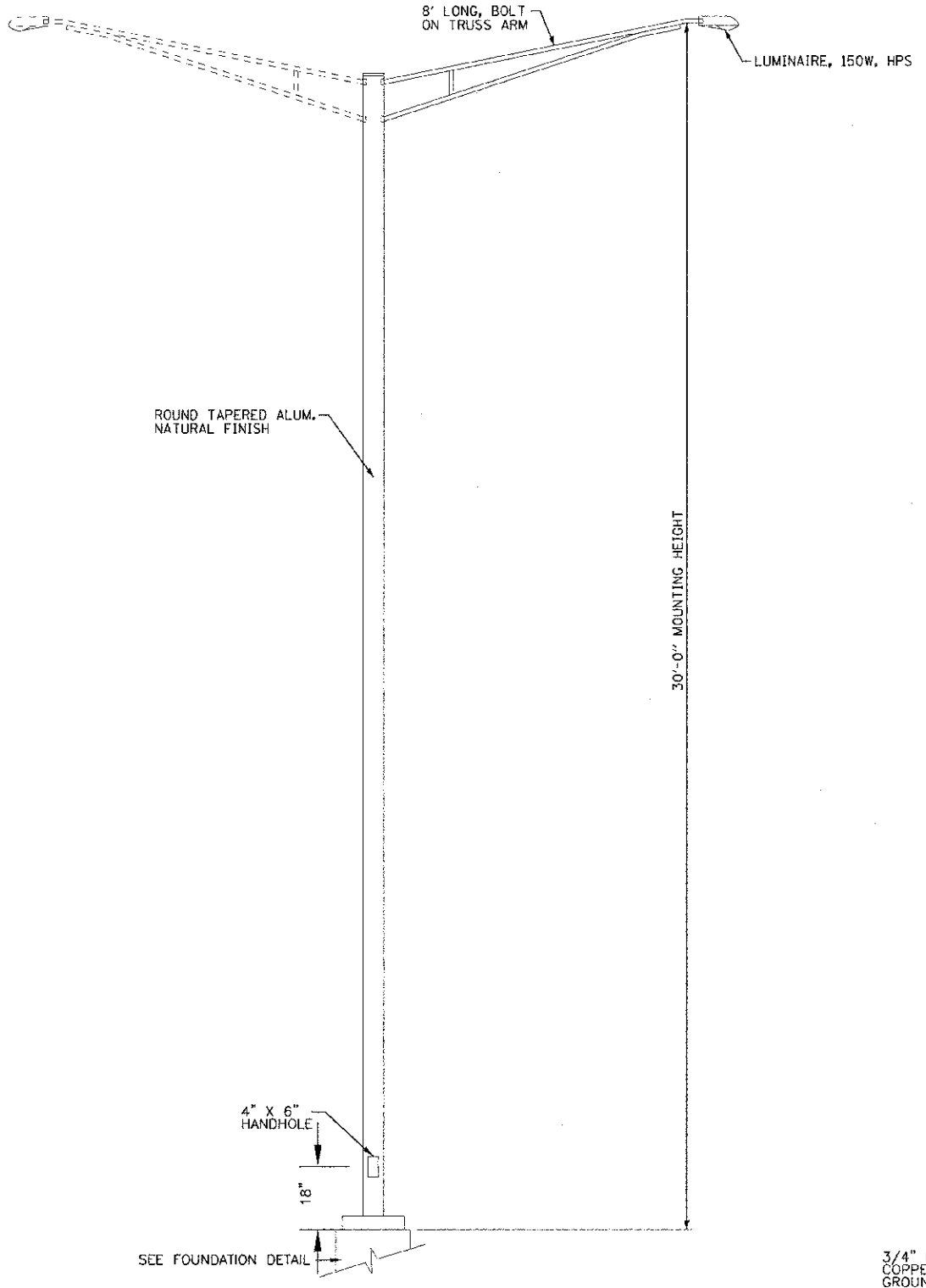
SPlicing ELECTRICAL Cables  
BASIC MATERIALS AND METHODS  
NO SCALE

NOTE:  
NUMBER OF CABLES IN  
SPlice MAY VARY



INTERMEDIATE POLE  
NO SCALE

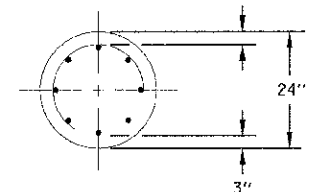
END POLE  
NO SCALE



LIGHTING UNIT COMPLETE  
NO SCALE

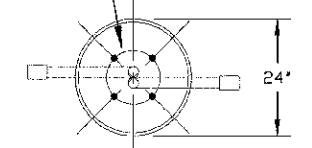
NOTES:

1. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY CENTERED AND SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
2. THE HOLE FOR THE FOUNDATION SHALL BE MADE WITH AN AUGER OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
3. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 1 INCH.
4. CABLE TRENCHES AND FOUNDATIONS SHALL BE BACK-FILLED AND COMPACTED, AND CONCRETE CURED ACCORDING TO APPLICABLE STANDARDS BEFORE LIGHT POLES MAY BE INSTALLED.
5. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE ANCHOR ROD SHALL BE THREADED A MINIMUM OF 6 INCHES WITH A MINIMUM OF 3" OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION AND PROJECT A MINIMUM OF 2 3/4" ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
6. THE CONTRACTOR MAY USE A #3 SPIRAL AT 6" PITCH OR #3 TIES AT 12" O.C.
7. RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.

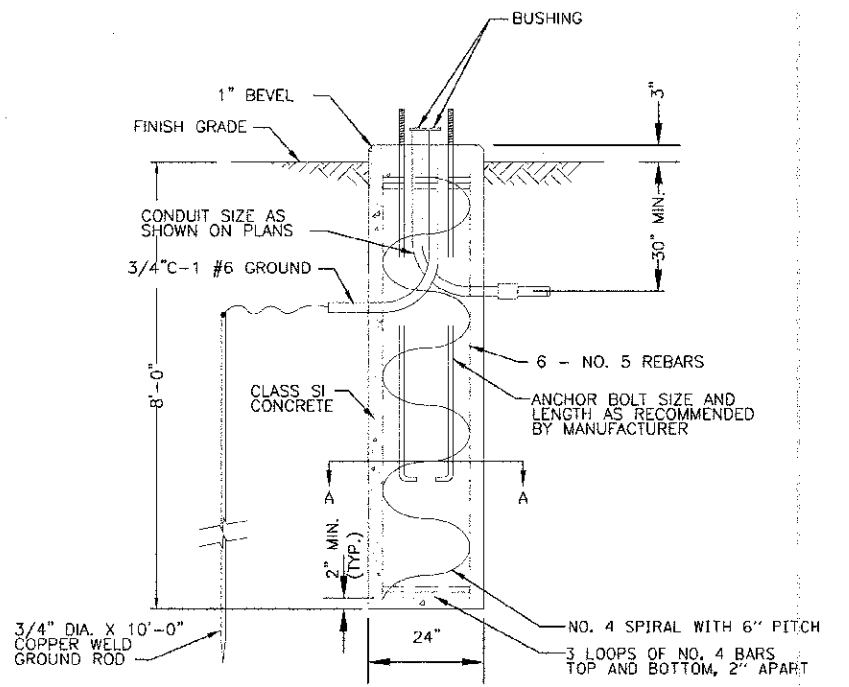


SECTION A-A

BOLT CIRCLE PER MANUFACTURER



TOP VIEW



FOUNDATION DETAIL  
NO SCALE

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 1100 W. STATE STREET, SUITE 200, CHICAGO, IL 60607-3200



DESIGNED - MWH	REVISED - PER IDOT 10/19/12
DRAWN - LKB	REVISED -
CHECKED - RWL	REVISED -
DATE - 06/20/12	FILE - H10994-SL-DETAILS.sht

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING DETAILS

SCALE: NONE STA. TO STA.

F.A.U. RT. 4006	SECTION 95-000-09-00-FV	COUNTY KANE	TOTAL SHEETS 138	NO. 90
CONTRACT NO. 63745			FED. ROAD DIST. NO. 1 ILLINOIS / FED. AID PROJECT M-60C3 10951	