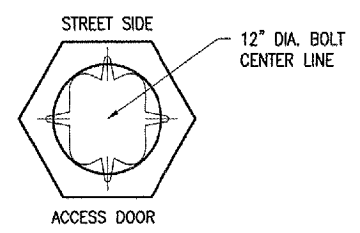


**LIGHTING NOTES**

1. IN ALL AREAS WHERE THERE IS A CONGESTION OF BURIED CABLE OR WHERE THE PROPOSED CABLE CROSSES AN EXISTING CABLE, THE CONTRACTOR WILL BE REQUIRED TO HAND DIG THE PROPOSED CABLE INTO PLACE. IN ALL OTHER AREAS, THE CONTRACTOR HAS THE OPTION TO EITHER TRENCH OR PLOW THE PROPOSED CABLE IN UNIT DUCT INTO PLACE. THE HAND DIGGING, TRENCHING, OR PLOWING OF THIS CABLE WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE OF THE PROPOSED CABLE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. ALL PROPOSED CABLE WILL BE LOCATED AS SHOWN ON THE ROADWAY LIGHTING PLAN, AND PLACED 24" BELOW FINISHED GRADE.
3. THE PROPOSED POWER/FEEDER CABLE FOR THE APRON FLOOD LIGHT WILL BE 3/C #8, 600V, XLP--USE, U.G. CABLE IN UNIT DUCT (ITEM: AR108658).
4. THE PROPOSED APRON LIGHT WILL BE CONSTRUCTED AT THE LOCATIONS SHOWN ON THE ROADWAY LIGHTING PLAN AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
5. THE PROPOSED ROADWAY LIGHT FIXTURES AND CIRCUIT IS TO BE FURNISHED, INSTALLED AND CONNECTED AS PER THE DETAILS ON THIS SHEET AND SPECIFIED IN ITEM AR106511 OF THE SPECIAL PROVISIONS.



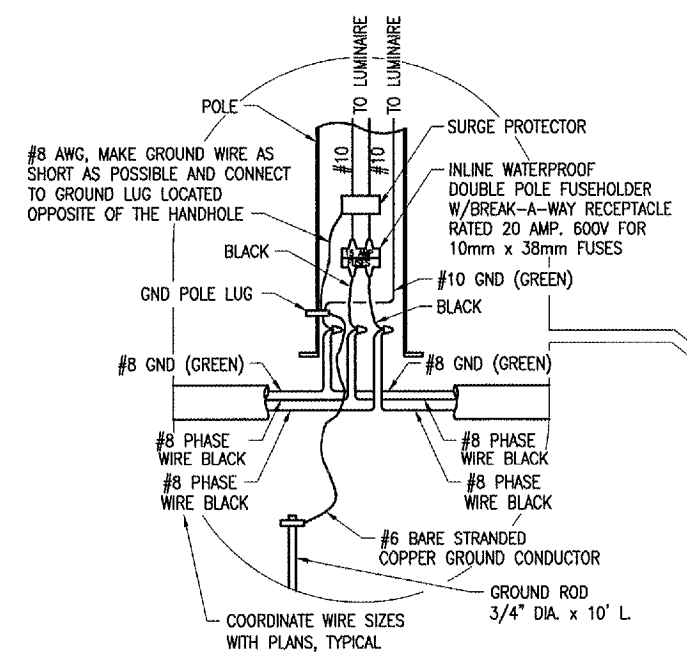
**BOLT CIRCLE DETAIL**  
SCALE: NONE

LUMINAIRE - 250W METAL HALIDE, SEE FIXTURE SCHEDULE ON ROADWAY LIGHTING SHEET

**ANCHOR BOLTS NOTES:**

1. ANCHOR SYSTEMS SHALL BE SUPPLIED BY THE MANUFACTURER.
2. REQ'D. ANCHOR BOLT PROJECTION SHALL BE VERIFIED BY CONTRACTOR PRIOR TO PLACING.

\* WIRE IN POLE SHALL BE 3-1/C #10 THWN STRANDED



**POLE WIRING DETAIL**  
SCALE: NONE

LIGHT POLE, SEE FIXTURE SCHEDULE ON ROADWAY LIGHTING SHEET FOR DESCRIPTION, MODEL NO. AND HEIGHT

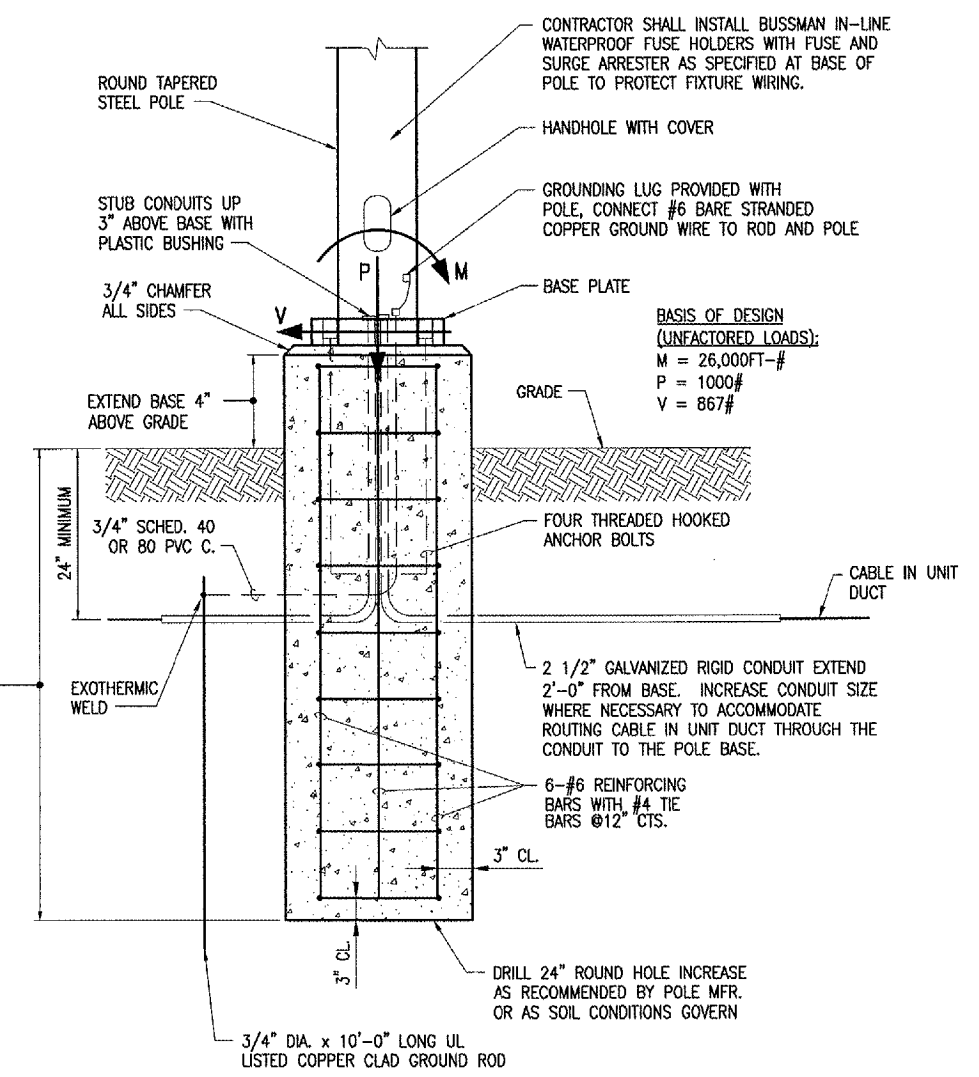
HANDHOLE W/ COVER SCREWED INTO POSITION

INSTALL & LEVEL BASE USING DOUBLE NUTTING AND GROUT

NOTE: POLE AND BASE TO BE INSTALLED PER CITY OF HILLSIDE STANDARDS

SEE LIGHT POLE FOUNDATION DETAIL THIS SHEET

**LIGHT POLE AND FIXTURE DETAIL - TYPE F1 THROUGH F4**  
SCALE: NONE



BASIS OF DESIGN (UNFACTORED LOADS):  
M = 26,000FT-#  
P = 1000#  
V = 867#

9'-0" MIN INCREASE AS RECOMMENDED BY POLE MFG. OR AS SOIL CONDITIONS GOVERN AT NO ADDITIONAL COST TO CONTRACT

**LIGHT POLE FOUNDATION DETAIL**  
SCALE: NONE

DATE	REVISION	BY

ST. LOUIS REGIONAL AIRPORT  
EAST ALTON, ILLINOIS  
IL PROJ.: ALN-3355

HE Project No. B37-04R0D	JAC	03/08/04
File Name R-543ELE.DWG	JAC	03/08/04
Scale 1"=30'	WJM	06/23/04
Date 03/08/04		
LAYOUT		
DRAWN		
REVIEWED		

**HANSON**  
Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

CONSTRUCT T-HANGAR ACCESS ROAD  
PROPOSED ROADWAY LIGHTING DETAILS

FEB 15, 2005 11:43 AM DPE  
I:\AIRPORTS\STLOUIS\B37-04R0D\AIRPORT\SHEETS\R-543ELE.DWG - Layout1