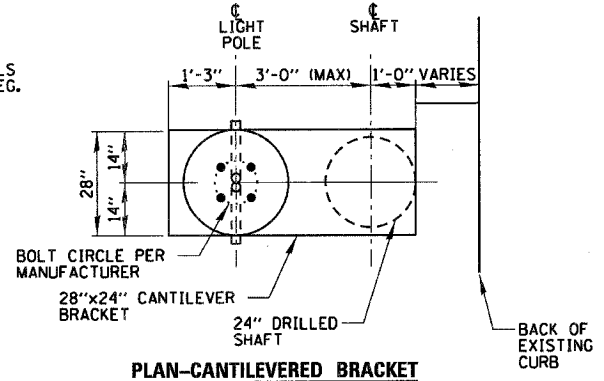
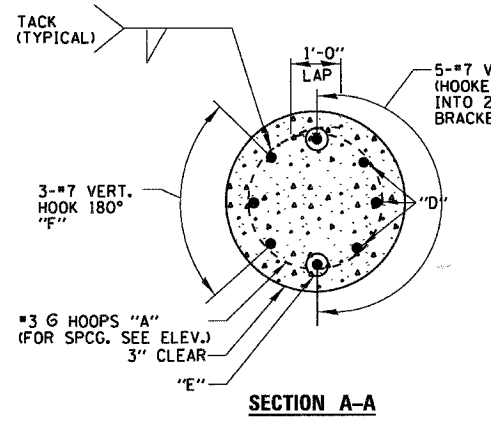
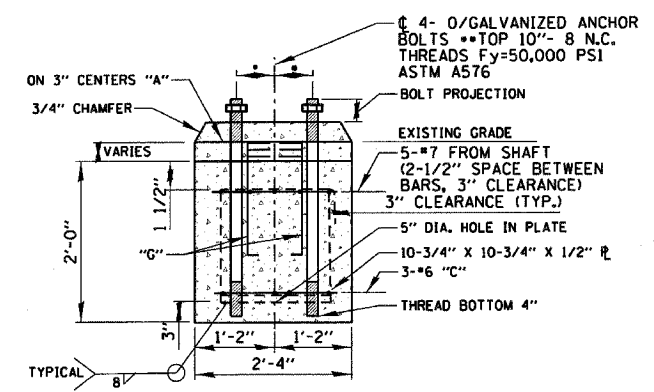


**POLE HANDHOLE WIRING DIAGRAM**  
N.T.S.

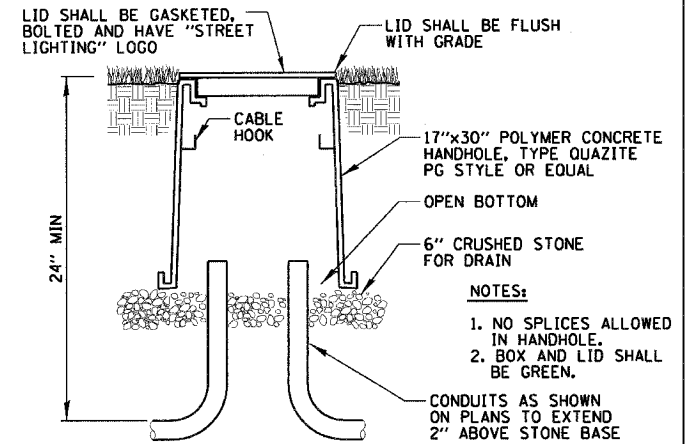


**PLAN-CANTILEVERED BRACKET**

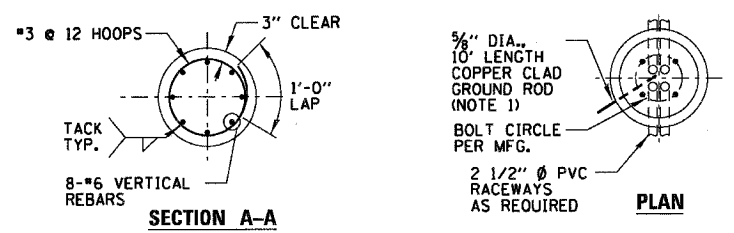
- NOTES:
- BOLT CIRCLE PER MANUFACTURER
  - THE TOP OF THE ANCHOR BOLTS SHALL NOT PROJECT MORE THAN 4" ABOVE A 60" CHORD ALIGNED RADJALLY TO THE CENTERLINE OF THE ROADWAY, AND CONNECTING ANY POINT, WITHIN THE LENGTH OF THE CHORD, ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE.
  - CONCRETE SHALL BE 3500 PSI AT 14 DAYS
  - HOLE FOR FOUNDATION SHAFT SHALL BE AUGERED
  - REINFORCING BARS SHALL CONFORM TO BILLET STEEL BARS. (ASTM-A615) SPECIFICATIONS WITH A 6000 PSI MINIMUM YIELD STRENGTH.
  - FOUNDATION AS SHOWN REPRESENTS 13.5 LINEAL FEET FOR LIGHT POLE FOUNDATION, OFFSET, 24" DIAMETER.
  - GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL & SHALL BE INCIDENTAL TO THE FOUNDATION.
  - USE THIS OFFSET FOUNDATION FOR POLES WHERE INDICATED ON THE LIGHTING PLAN SHEETS.
  - FOUNDATIONS SHALL NOT PROTRUDE MORE THAN 4" ABOVE FINISHED GRADE INCLUDING ANCHOR RODS.



**SECTION B-B**



**COMPOSITE CONCRETE HANDHOLE DETAIL**  
N.T.S.

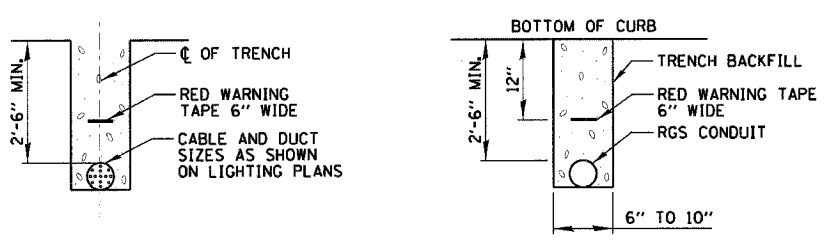


**SECTION A-A**

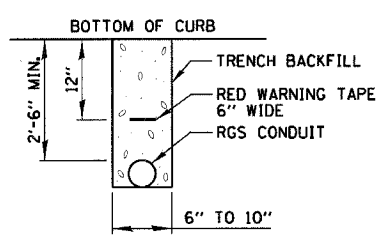
**PLAN**

- NOTES:
- GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL & SHALL BE INCIDENTAL TO THE FOUNDATION.
  - FOUNDATION WILL BE PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL".
  - USE THIS FOUNDATION FOR ALL LIGHT POLES, UNLESS OTHERWISE INDICATED, ON LIGHTING PLAN SHEETS.
  - FOUNDATIONS SHALL NOT PROTRUDE MORE THAN 4" ABOVE FINISHED GRADE INCLUDING ANCHOR RODS.

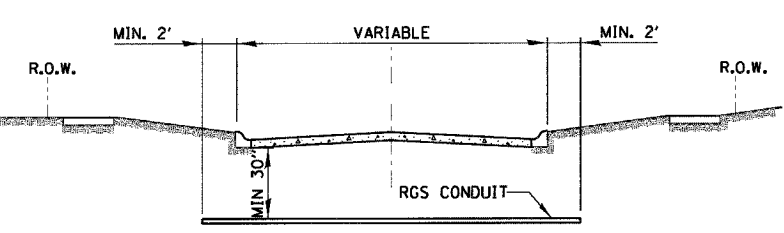
**CONCRETE FOUNDATION DETAIL**  
N.T.S.



**TRENCH CROSS SECTION**



**TRENCH SECTION**

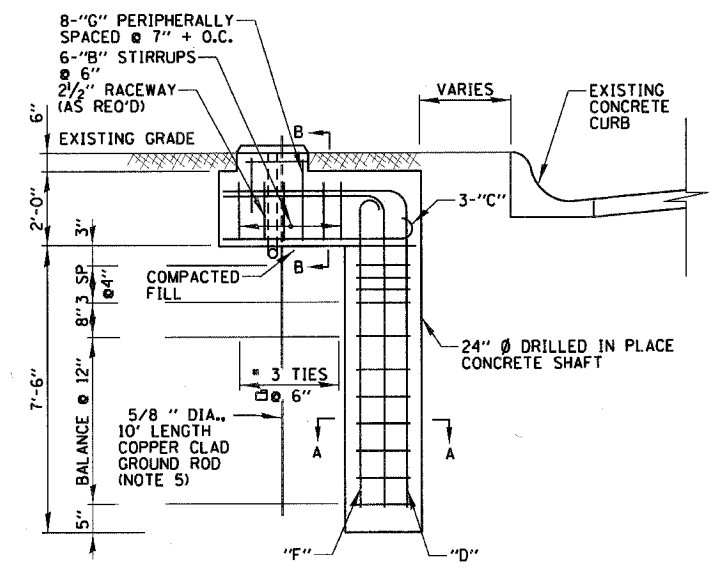


**STREET CROSSING**

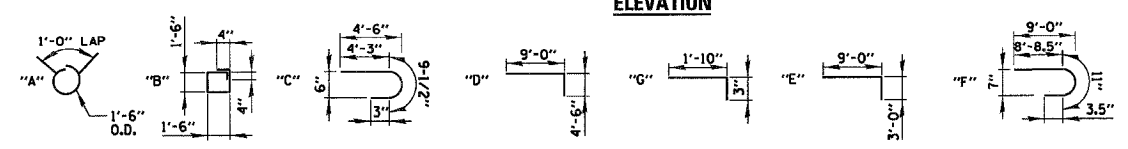
- CONDUIT SHALL BE HEAVY WALL RGS CONDUIT.
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- CONDUIT SHALL BE A MINIMUM OF 30" BELOW CURB BOTTOM.

**ELECTRIC CONDUIT UNDER PAVEMENT**  
N.T.S.

BILL OF MATERIALS				
QUAN.	MARK	SIZE	LENGTH	SHAPE
11	A	NO. 3	5'-9"	○
6	B	NO. 3	6'-8"	□
3	C	NO. 6	5'-3 1/2"	○
8	G	NO. 6	2'-1"	□
3	D	NO. 7	13'-6"	□
2	E	NO. 7	12'-0"	□
3	F	NO. 7	9'-11"	□
REINFORCING BARS LBS.				285
CLASS X CONCRETE CU. YDS.				1.7
ANCHOR BOLTS NO.				4
ANCHOR BOLT PLATE NO.				1



**ELEVATION**



**OFFSET CONCRETE FOUNDATION DETAIL**  
N.T.S.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI 55 AT FAP 338 ILLINOIS ROUTE 59  
 SECTION: 26HB-1BR AND 114R-1  
 VILLAGE OF SHOREWOOD  
 PROPOSED IL 59  
 LIGHTING DETAILS (2 OF 3)  
 STA. 7480+50 TO STA. 7521+00  
 SCALE: N.T.S. DRAWN BY: KB  
 DATE: 3/14/2008 CHECKED BY: AJD  
 CHRISTOPHER B. BURKE ENGINEERING, LTD.  
 4075 W. Higgins Road, Suite 900  
 Rosemont, Illinois 60018  
 (847) 823-9500