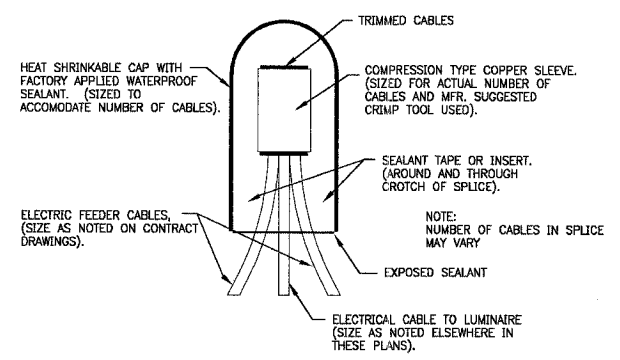
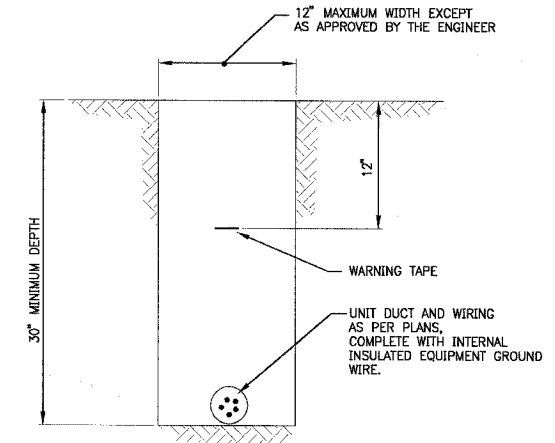


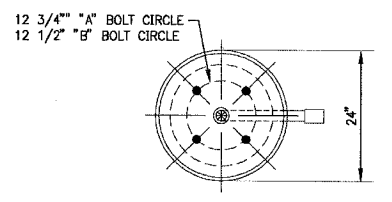
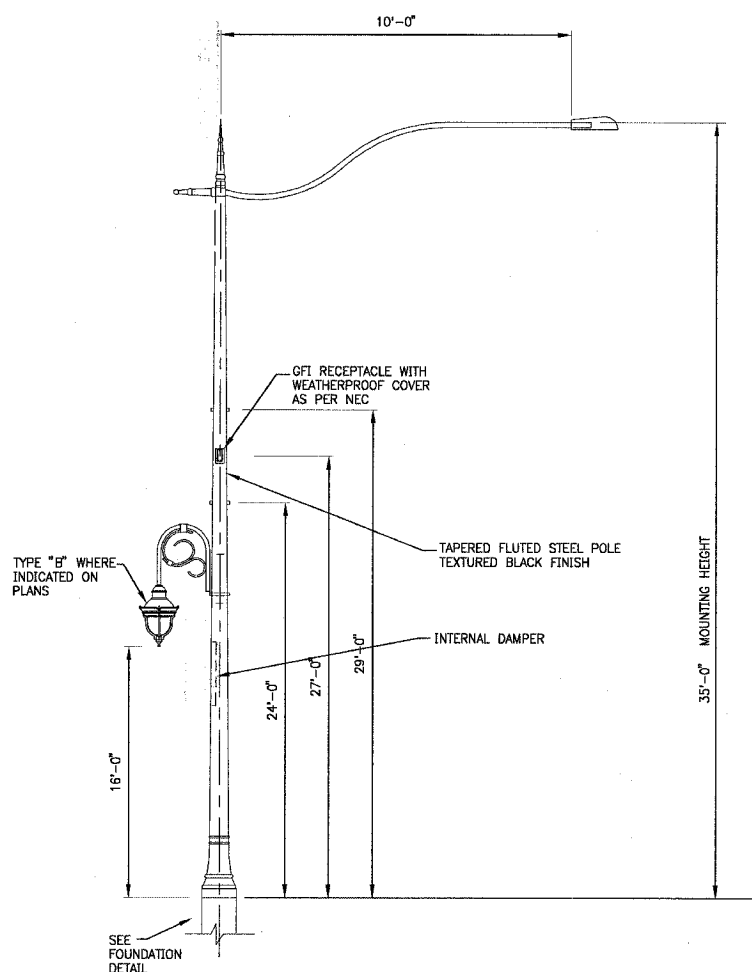
CONTRACT NO. 83786



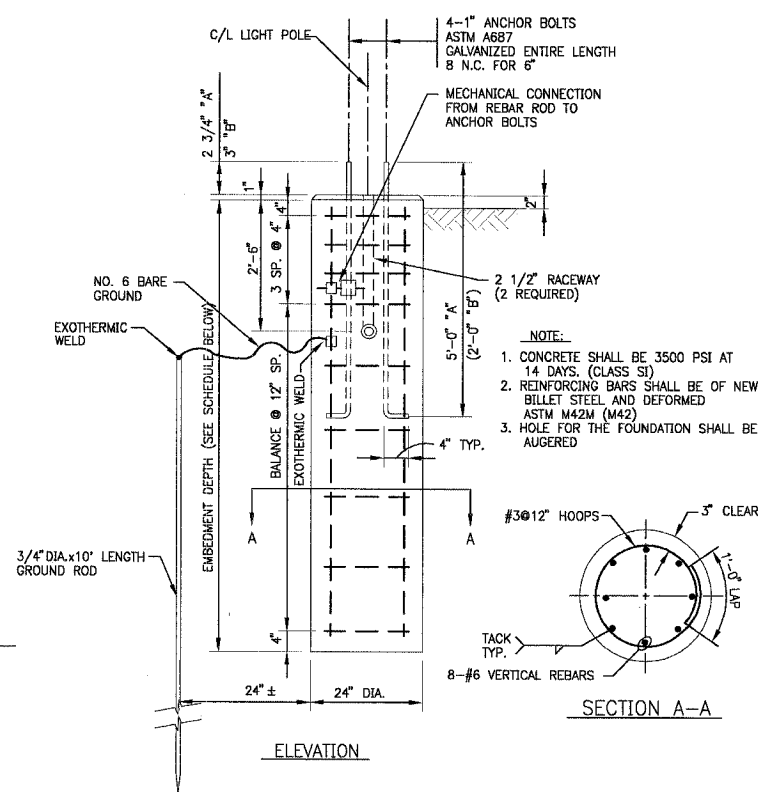
**SPLICING ELECTRICAL CABLES**  
BASIC MATERIALS AND METHODS  
NO SCALE



**TYPICAL WIRING IN TRENCH DETAIL**  
NO SCALE

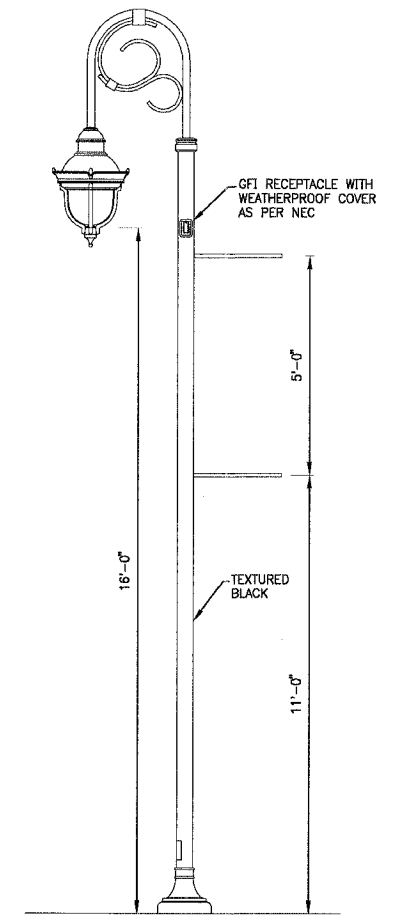


**TOP VIEW**

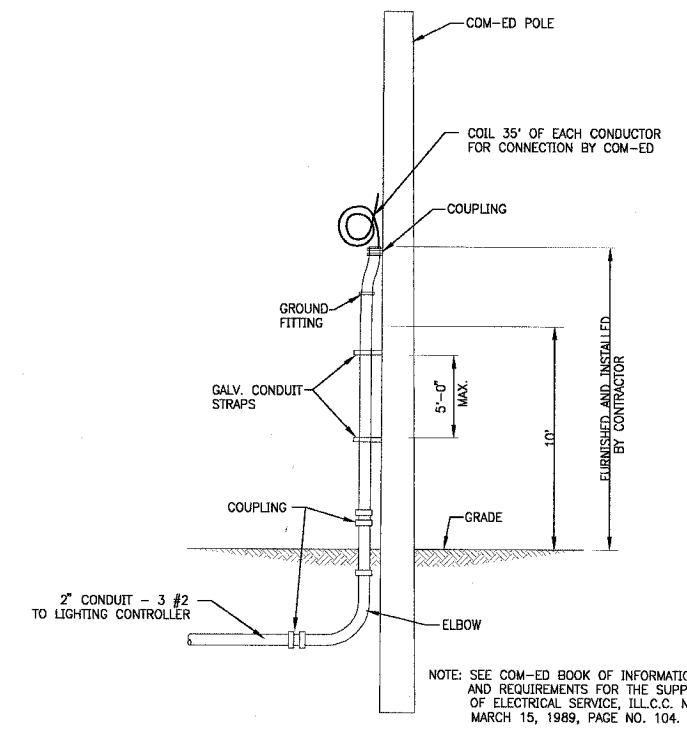


**SECTION A-A**

**ELEVATION**



**LIGHT POLE TYPE \"B\"**  
NO SCALE



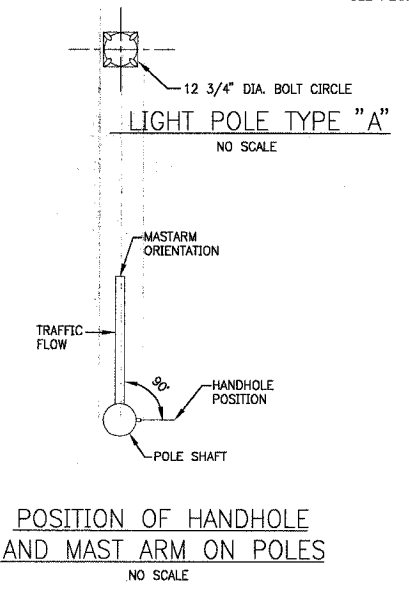
**COM-ED OVERHEAD CONNECTION**  
NO SCALE

| FOUNDATION SCHEDULE |                      |           |
|---------------------|----------------------|-----------|
| TYPE OF SOILS       |                      | EMBEDMENT |
| DESCRIPTION         | STANDARDS            |           |
| SOFT CLAY           | Qu = .25-.50 T/FT. 2 | 13'-0"    |
| MEDIUM CLAY         | Qu = .25-.50 T/FT. 2 | 10'-0"    |
| DENSE CLAY          | Qu = .25-.50 T/FT. 2 | 8'-0"     |
| LOOSE SAND          | N = 4-10             | 10'-6"    |
| MEDIUM SAND         | N = 10-30            | 9'-0"     |
| DENSE SAND          | N = 30-50            | 8'-6"     |

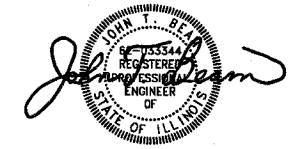
**LIGHT UNIT \"A\" POLE FOUNDATION**  
NO SCALE

| FOUNDATION SCHEDULE |                      |           |
|---------------------|----------------------|-----------|
| TYPE OF SOILS       |                      | EMBEDMENT |
| DESCRIPTION         | STANDARDS            |           |
| SOFT CLAY           | Qu = .25-.50 T/FT. 2 | 10'-0"    |
| MEDIUM CLAY         | Qu = .25-.50 T/FT. 2 | 7'-0"     |
| DENSE CLAY          | Qu = .25-.50 T/FT. 2 | 5'-0"     |
| LOOSE SAND          | N = 4-10             | 7'-6"     |
| MEDIUM SAND         | N = 10-30            | 6'-0"     |
| DENSE SAND          | N = 30-50            | 5'-6"     |

**LIGHT UNIT \"B\" POLE FOUNDATION**  
NO SCALE



**POSITION OF HANDHOLE AND MAST ARM ON POLES**  
NO SCALE



"LICENSE EXPIRES 11-30-05"

T:\SHIRLEY\060650\06065-10665-LIGHT-DETAILS.DWG  
 Plotted 12-15-04 @ 4:59pm By: 231ukh  
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| CONSULTANTS | REV. NO. | DATE     | DESCRIPTION         |
|-------------|----------|----------|---------------------|
|             | 1        | 11-29-04 | PER I.D.O.T. REVIEW |
|             | 2        | 12-21-04 | PER I.D.O.T. REVIEW |

\* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS



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 Craylake, Illinois 847.223.5088  
 Rockford, Illinois 815.489.1551

**VILLAGE OF SHOREWOOD, ILLINOIS**  
**U.S. ROUTE 52 IMPROVEMENTS**

**DESIGNED BY** JLR  
**DRAWN BY** UKB  
**CHECKED BY** MDK  
**DATE** 10-05-04

**SCALE** NONE  
**PROJECT NO.** 010665  
**SHEET NO.**

**55 OF 85**