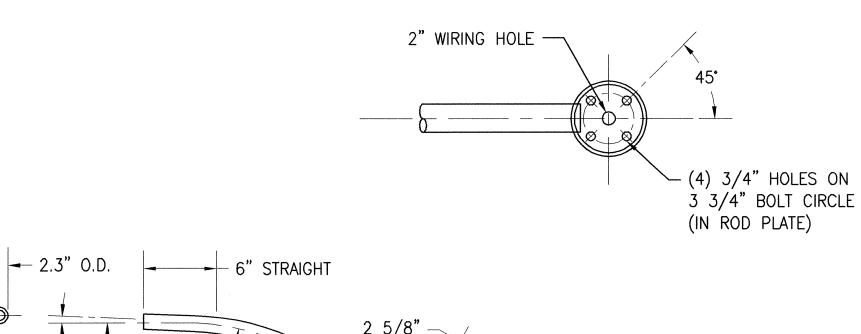
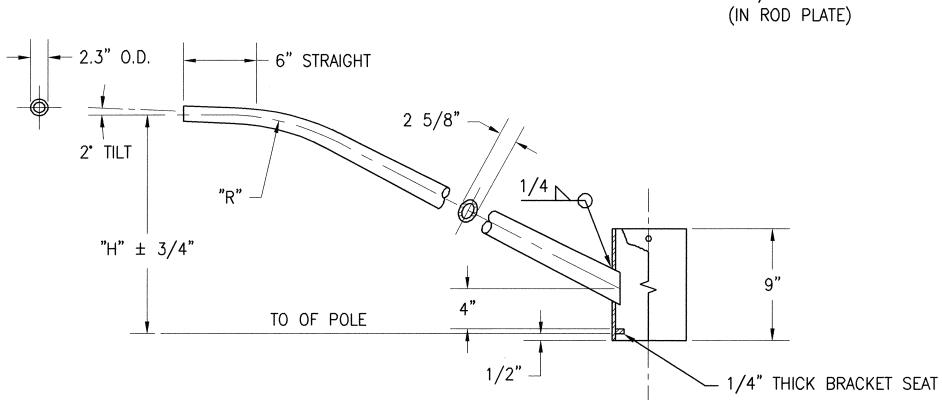


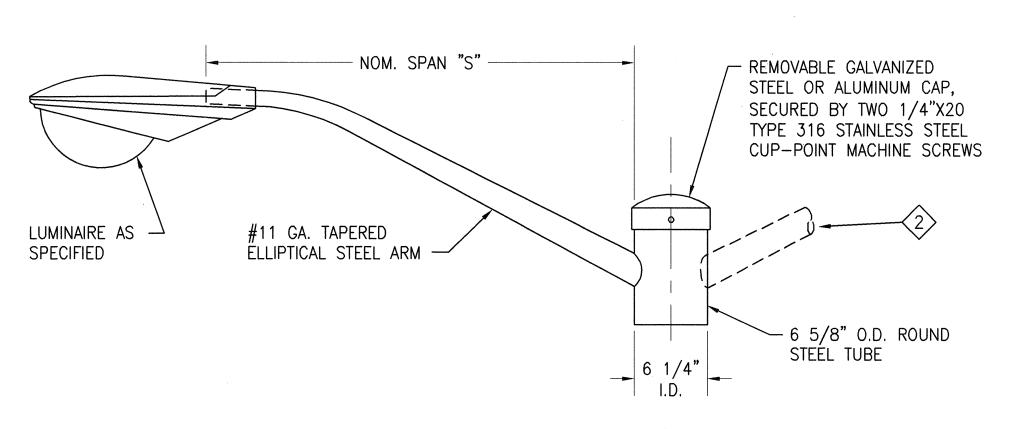
BRACKET ELEVATION

| | | TYPE D | | |
|-------------------|-----------------------------|------------------|--------------------|---------------------|
| SINGLE BRACKET | TWIN BRACKET (180° SPACING) | "S" NOM. SPAN | "R" BEND RADIUS | "H" BRACKET RISE |
| DE - 4 | DDE - 4 | 4 FT. | 2'-6" | 17 3/4" |
| DE - 6 | DDE - 6 | 6 FT. | 2'-6" | 29" |
| DE - 8 | DDE - 8 | 8 FT. | 5'-9" | 29" |





BRACKET DETAILS

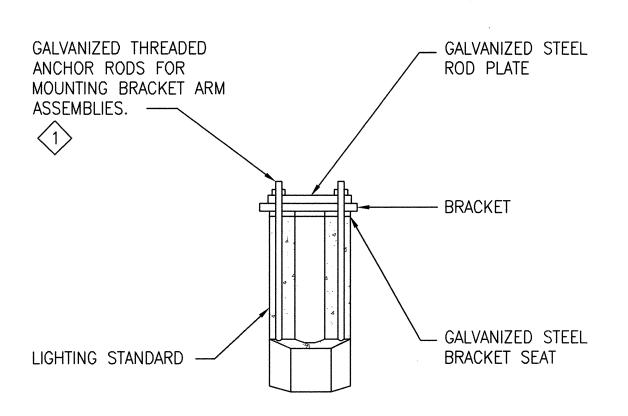


BRACKET ELEVATION

| TYPE K | | | | | |
|-------------------|-----------------------------|------------------|--------------------|---------------------|--|
| SINGLE BRACKET | TWIN BRACKET (180° SPACING) | "S" NOM. SPAN | "R" BEND RADIUS | "H" BRACKET RISE | |
| KE – 4 | KKE – 4 | 4 FT. | 2'-6" | 28" | |
| KE - 6 | KKE – 6 | 6 FT. | 2'-6" | 28" | |
| KE - 8 | KKE - 8 | 8 FT. | 5'-9" | 28" | |

SHEET NOTES:

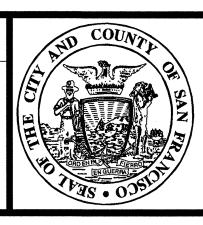
- 1. THREADS OF ANCHOR RODS FOR MOUNTING BRACKET ARM ASSEMBLIES AND SCREWS FOR REMOVABLE CAPS ON NEW AND EXISTING STANDARDS SHALL BE CLEANED WITH A MOTOR—DRIVEN WIRE BRUSH AND WITH AN APPROVED RUST REMOVING COMPOUND AND THEN COATED WITH FACTORY—MIXED WATERPROOF GRAPHITE GREASE. APPLICATION OF THE GREASE SHALL BE MADE BEFORE AND AFTER INSTALLATION OF BRACKET ARM ASSEMBLIES AND REMOVABLE CAPS.
- INSTALL DUPLICATE BRACKET ARM WHERE
 "TWIN-MEMBER" STREET LIGHTS ARE SPECIFIED. ARMS
 SHALL BE INSTALLED IN A "BACK-TO-BACK"
 ARRANGEMENT (180° TO EACH OTHER).
- BRACKET ARM ASSEMBLIES SHALL BE INSTALLED TRUE AND PLUMB AND ORIENTED PERPENDICULAR TO CENTERLINES OF ROADWAYS OR TO CURBS UNLESS OTHERWISE DIRECTED.
- 4. ALL WELDS SHALL BE GROUND SMOOTH.
- BRACKET ARM ASSEMBLIES AND BRACKET ARMS SHALL
 BE DESIGNED TO SUPPORT A LUMINAIRE WEIGHING 70
 LBS AND HAVING A PROJECTED WIND AREA OF 3.50
 SQUARE FEET. THE BRACKET ARM SHALL NOT DEFLECT
 IN A VERTICAL PLANE OF MORE THAN 1%. IN A
 HORIZONTAL PLANE, THE BRACKET ARM SHALL
 DEFLECT NOT MORE THAN 1 1/2 INCHES.
- 6. BRACKET ARM ASSEMBLIES SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- 7. BRACKET ARM ASSEMBLIES SHALL BE PAINTED AS SPECIFIED.



TYPICAL DETAIL FOR MOUNTING BRACKET ASSEMBLY

This Standard Plan was developed for use on public works projects in the City and County of San Francisco, and shall not be used without consulting a Registered Professional Engineer. The Department of Public Works reserves the right to make revisions to this Standard Plan at any time.

| | , | | | | REFERENCE INFORMATION & FILE NO. OF SURVEYS |
|-----|------|--|----|------|---|
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| NO. | DATE | DESCRIPTION | BY | APP. | |
| | CHE | TABLE OF REVISIONS CK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION | | | |



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

| REVIEWED: | DATE: | PLANS APPROVAL DATE: APRIL 30, 2007 |
|-----------|---------|-------------------------------------|
| ВС | 01/2007 | Danerat Luch 4/27/07 |
| DRAWN: | DATE: | SECTION MANAGER |
| RT | 01/2007 | M/20/07 |
| CHECKED: | DATE: | DEPUTY BUREAU MANAGER |
| TA | 01/2007 | BUREAU MANAGER |

| STANDARD PLAN | OLD FILE NO. |
|---------------------------------------|--------------|
| ELECTRICAL | A-33,7 |
| | FILE NO. |
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TYPE D AND TYPE K
BRACKET ARM ASSEMBLIES

87,209