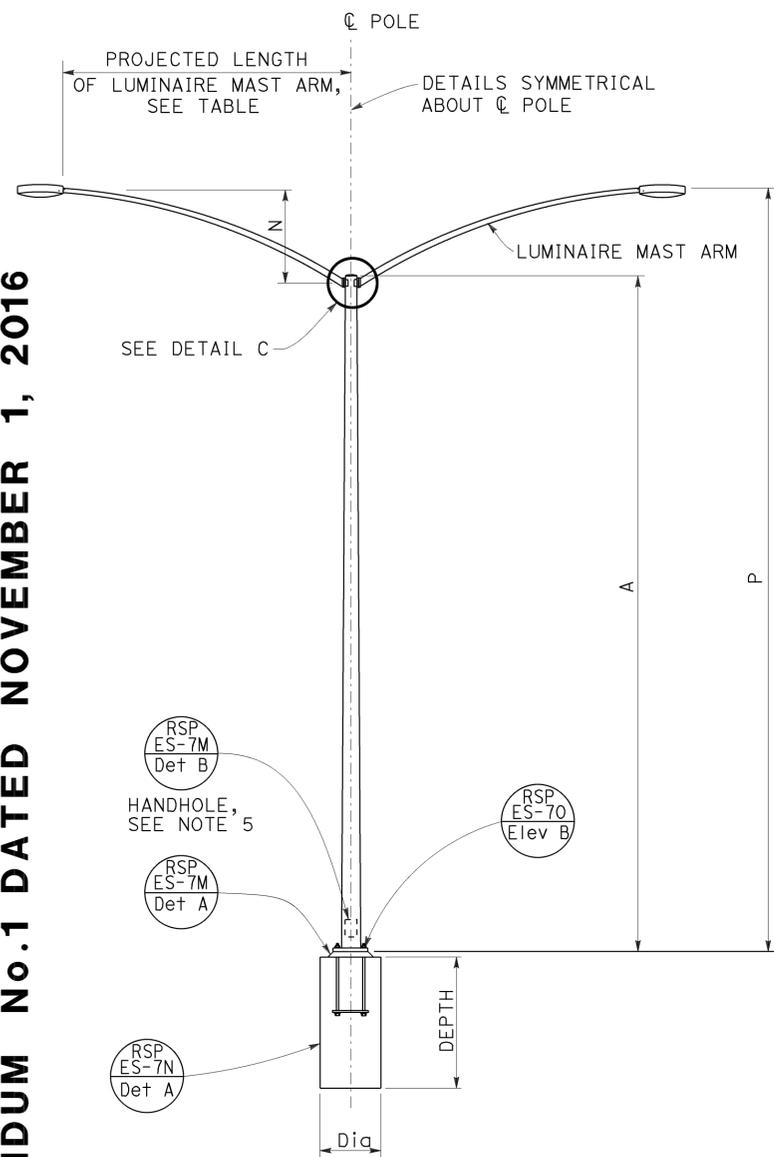
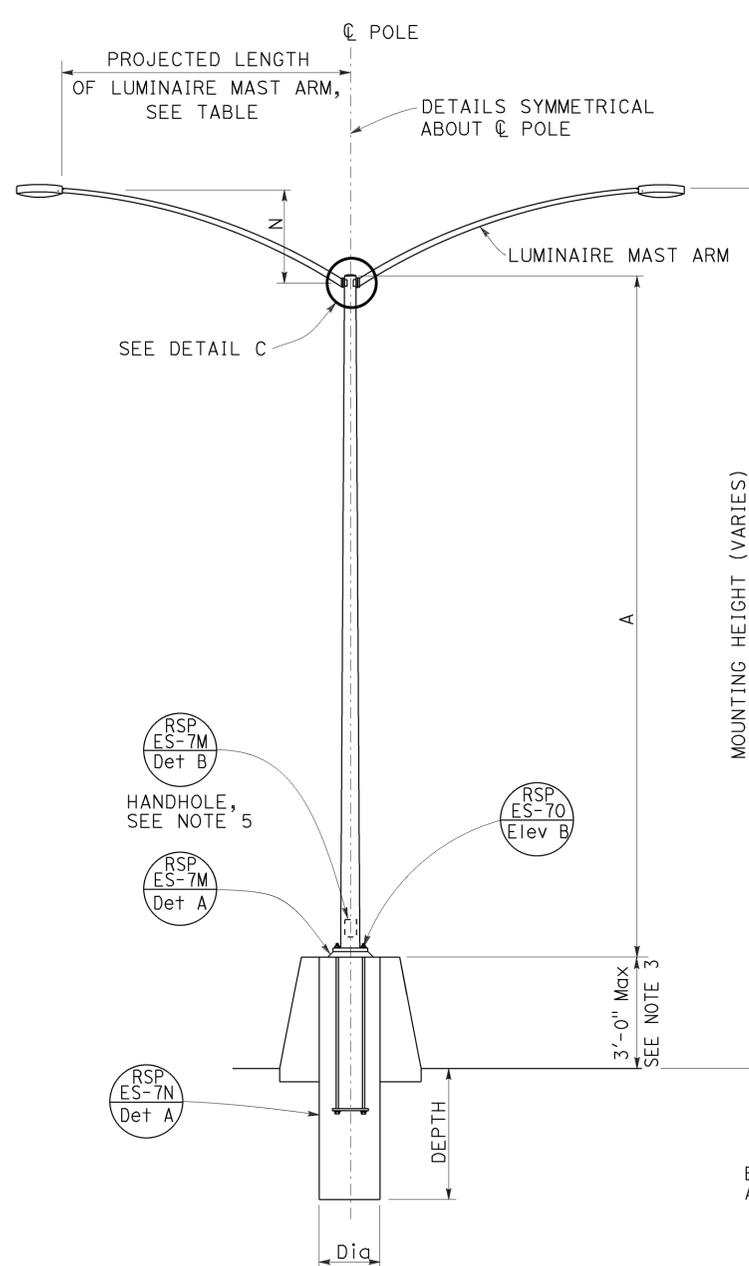


1 REPLACED PER ADDENDUM No.1 DATED NOVEMBER 1, 2016



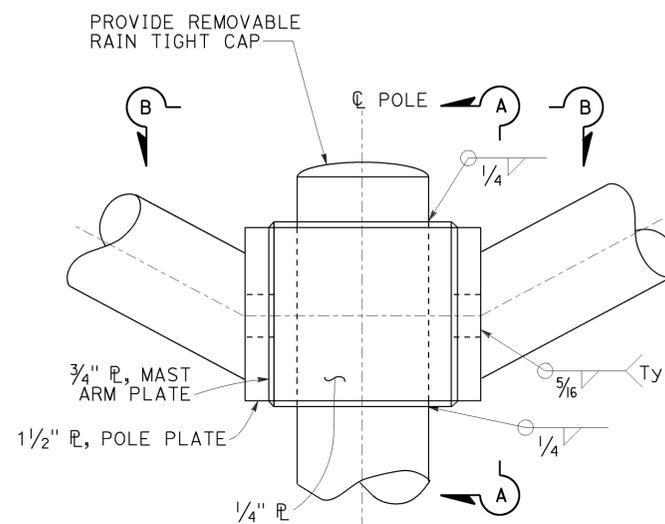
TYPE 15D AND TYPE 21D
ELEVATION A



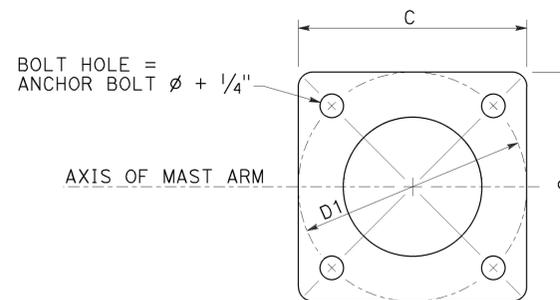
TYPE 15D AND TYPE 21D
MEDIAN BARRIER MOUNTED
ELEVATION B

NOTES:

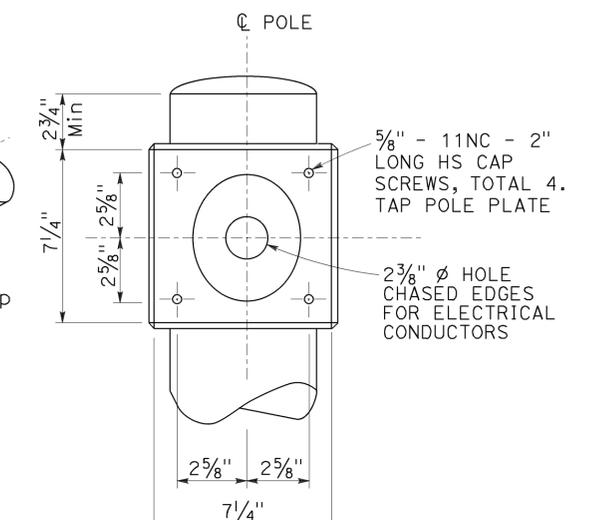
1. [] Indicates mast arm length to be used unless otherwise noted on the plans.
2. For additional notes and details, see Revised Standard Plans RSP ES-7M and RSP ES-7N.
3. See Concrete Barrier Details Type 60E and 60SE.
4. For locations with one arm, plug unused cap screw holes and chased outlet with galvanized cap screws and knockout plug.
5. Handhole shall be located perpendicular to the luminaire mast arm and as directed by the Engineer.



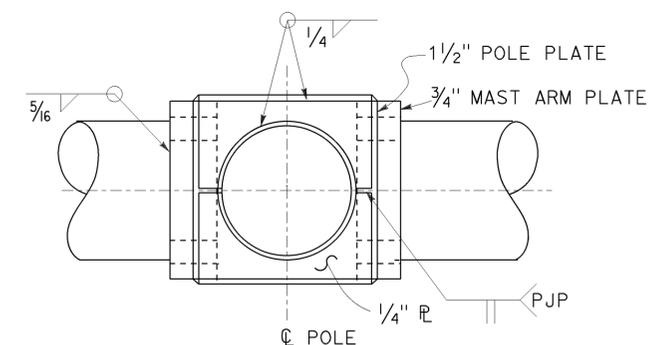
DETAIL C



BASE PLATE
DETAIL B



SECTION A-A



SECTION B-B

| POLE TYPE | POLE DATA | | | | BASE PLATE DATA | | | | CIDH PILE FOUNDATION | |
|-----------|-----------|-------------|------------|---------------|-----------------|------------------|-----------|------------------|----------------------|-------|
| | A HEIGHT | Min OD BASE | Min OD TOP | Min THICKNESS | C | BC = BOLT CIRCLE | THICKNESS | ANCHOR BOLT SIZE | Diq | DEPTH |
| 15D | 30'-0" | 8" | 3 1/16" | 0.1793" | 1'-0" | 1'-0" | 1 1/2" | 1 1/4" ø x 42" | 2'-6" | 7'-0" |
| 21D | 35'-0" | 8 5/8" | 3 1/16" | 0.1793" | 1'-0" | 1'-0" | 1 1/2" | 1 1/4" ø x 42" | 2'-6" | 7'-0" |

| LUMINAIRE MAST ARM DATA | | | | | |
|-------------------------|--------|----------------|-------------------|----------|----------|
| PROJECTED LENGTH | N RISE | Min OD AT POLE | NOMINAL THICKNESS | P | |
| | | | | TYPE 15D | TYPE 21D |
| 6'-0" | 2'-0"± | 3 1/4" | 0.1196" | 31'-6"± | 36'-6"± |
| 8'-0" | 2'-6"± | 3 1/2" | | 32'-0"± | 37'-0"± |
| 10'-0" | 3'-3"± | 3 3/8" | | 32'-9"± | 37'-9"± |
| 12'-0" | 4'-3"± | 3 7/8" | | 33'-9"± | 38'-9"± |



| | | | | | |
|------|--------|-------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07 | LA | 5,14 | R44.6/R45.7, R24.8/R25.0 | 105 | 120 |

Stanley P. Johnson
REGISTERED CIVIL ENGINEER

July 15, 2016
PLANS APPROVAL DATE

Stanley P. Johnson
No. C57793
Exp. 3-31-18
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TO ACCOMPANY PLANS DATED 7-25-16

**ELECTRICAL SYSTEMS
(LIGHTING STANDARD,
TYPES 15D AND 21D,
DOUBLE LUMINAIRE MAST ARM)**

NO SCALE

RSP ES-6D DATED JULY 15, 2016 SUPERSEDES RSP ES-6D DATED OCTOBER 30, 2015 AND STANDARD PLAN ES-6D DATED MAY 20, 2011 - PAGE 455 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-6D

2010 REVISED STANDARD PLAN RSP ES-6D