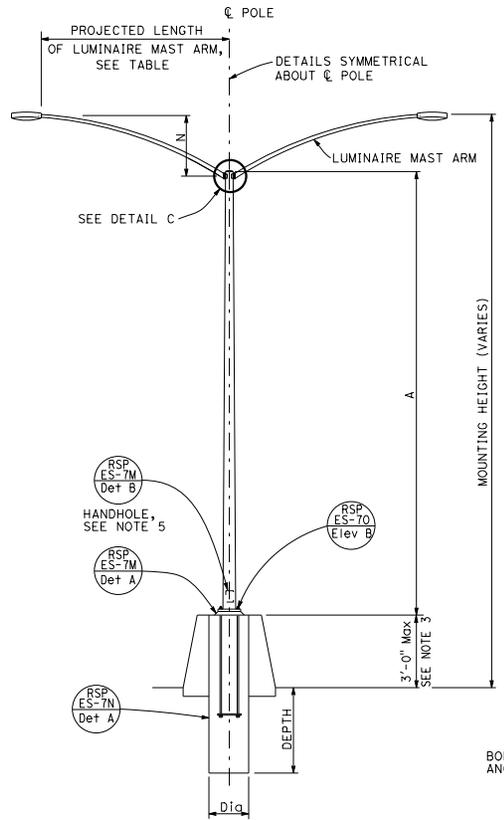


**TYPE 15D AND TYPE 21D**  
**ELEVATION A**



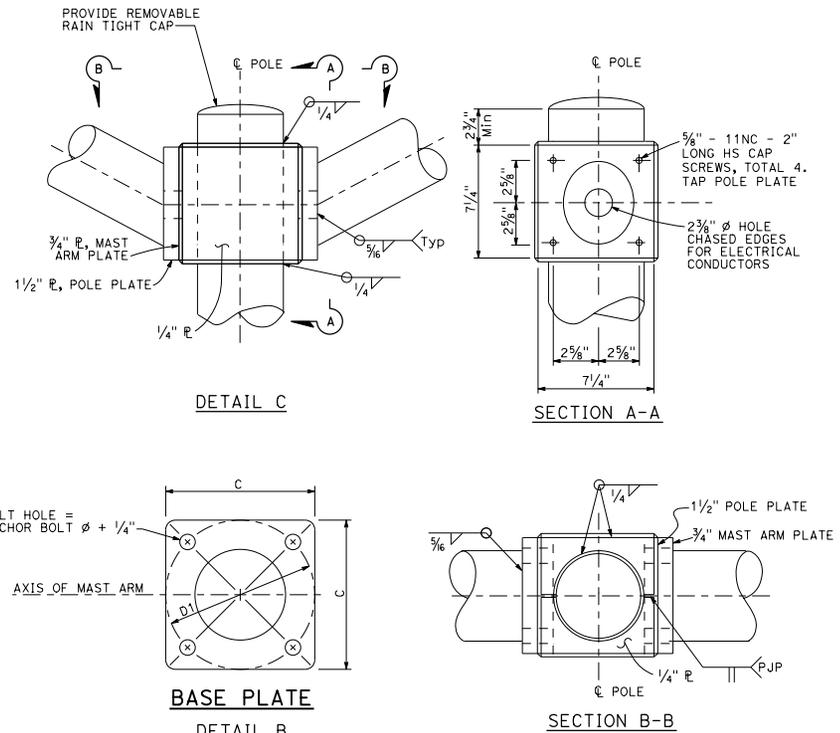
**TYPE 15D AND TYPE 21D**  
**MEDIAN BARRIER MOUNTED**  
**ELEVATION B**

POLE TYPE	POLE DATA				BASE PLATE DATA				CIDH PILE FOUNDATION	
	A HEIGHT	Min OD	Min THICKNESS	C	BC = BOLT CIRCLE	THICKNESS	ANCHOR BOLT SIZE	Diq	DEPTH	
15D	30'-0"	8"	0.1793"	1'-0"	1'-0"	1 1/2"	1 1/4" $\phi$ x 42"	2'-6"	7'-0"	
21D	35'-0"	8 5/8"	3 1/8"	0.1793"	1'-0"	1 1/2"	1 1/4" $\phi$ 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" $\pm$	3 1/4"	0.1196"	31'-6" $\pm$	36'-6" $\pm$
8'-0"	2'-6" $\pm$	3 1/2"		32'-0" $\pm$	37'-0" $\pm$
10'-0"	3'-3" $\pm$	3 3/4"		32'-9" $\pm$	37'-9" $\pm$
12'-0"	4'-3" $\pm$	3 7/8"		33'-9" $\pm$	38'-9" $\pm$

**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.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

Stanley P. Johnson  
REGISTERED CIVIL ENGINEER

July 15, 2016  
PLANS APPROVAL DATE

Stanley P. Johnson  
No. C61793  
EXPIRES 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 \_\_\_\_\_

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**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