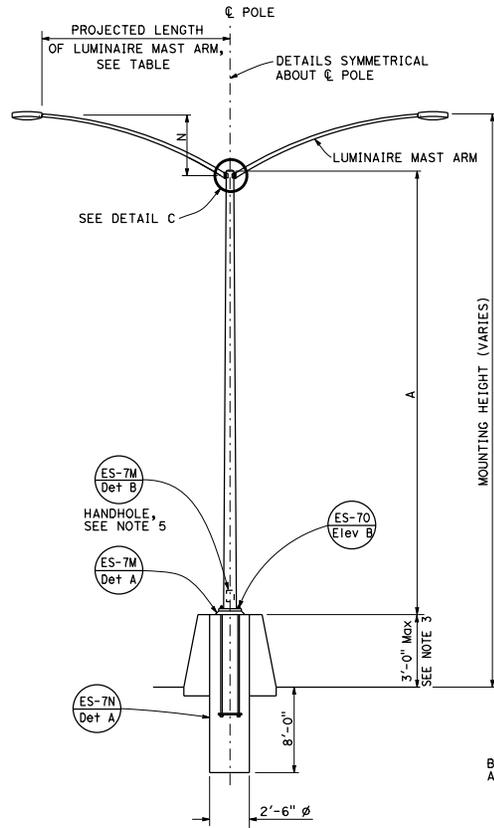


**TYPE 15D AND TYPE 21D
ELEVATION A**



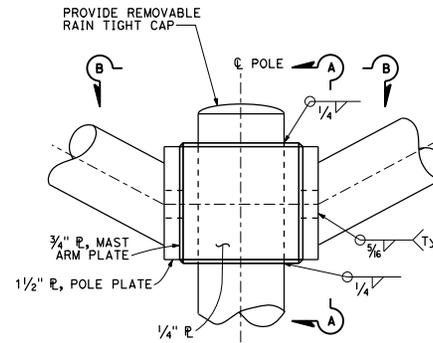
**TYPE 15D AND TYPE 21D
MEDIAN BARRIER MOUNTED
ELEVATION B**

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

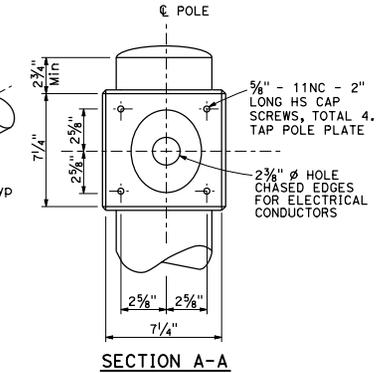
LUMINAIRE MAST ARM DATA					
PROJECTED LENGTH	N RISE	Min OD AT POLE	NOMINAL THICKNESS	P	
				TYPE 15D	TYPE 21D
6'-0"	2'-0"±	3 1/4"	0.1196"	31'-6"±	36'-6"±
8'-0"	2'-6"±	3 1/2"		32'-0"±	37'-0"±
10'-0"	3'-3"±	3 5/8"		32'-9"±	37'-9"±
12'-0"	4'-3"±			33'-9"±	38'-9"±

NOTES:

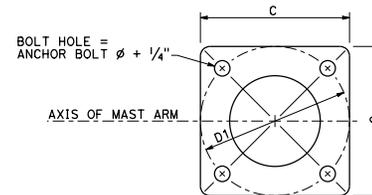
1. [] Indicates mast arm length to be used unless otherwise noted on the plans.
2. For additional notes and details, see Standard Plans ES-7M and ES-7N.
3. See Concrete Barrier Details Type 60E and 60SE.
4. For locations with one arm, plug unused cap screw holes and chased outlet with galvanized cap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



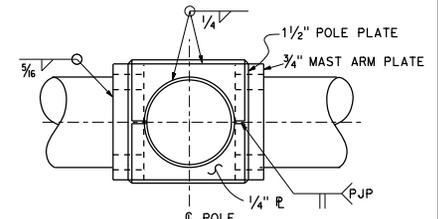
DETAIL C



SECTION A-A



**BASE PLATE
DETAIL B**



SECTION B-B

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(LIGHTING STANDARD,
TYPES 15D AND 21D,
DOUBLE LUMINAIRE MAST ARM)**

NO SCALE

ES-6D

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

Stanley P. Johnson
REGISTERED CIVIL ENGINEER

October 30, 2015
PLANS APPROVAL DATE

Stanley P. Johnson
No. CS793
Exp. 3-31-16
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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