


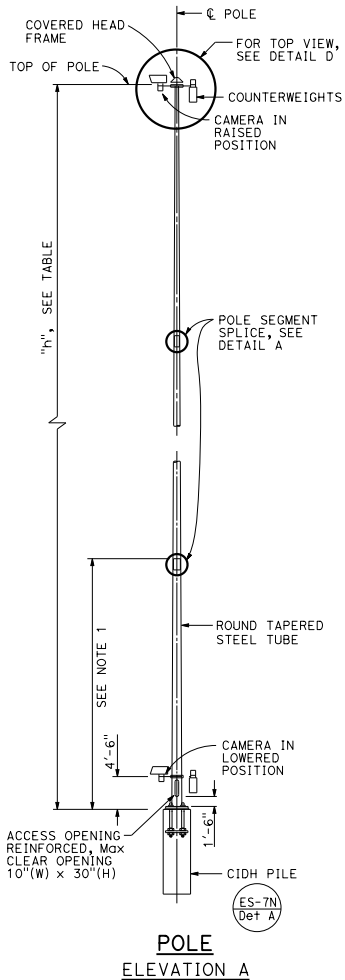
POLE TYPE	POLE DATA					BASE PLATE DATA				CIDH PILE DATA		
	HEIGHT "H"	Min OD		THICKNESS BOTTOM SEGMENT (Min 25' LONG)	Min THICKNESS UPPER SEGMENT(S)	Dia	THICKNESS	ANCHOR BOLT SIZE		BC = BOLT CIRCLE	"D"	"L"
		BASE	TOP					TOTAL	"d"			
HM CAMERA POLE 50	50'	18"	10 7/8"	0.3125"	0.1875"	32"	2"	12	2 1/4"	25"	3'-6"	13'-0"
HM CAMERA POLE 60	60'		9 1/2"									
HM CAMERA POLE 70	70'	22"	12"	0.375"	0.25"	36"	3"	12	3"	29"	4'-0"	14'-0"
HM CAMERA POLE 80	80'	22"	11 5/8"									
HM CAMERA POLE 90	90'	25"	17 1/8"			46"				37"	6'-0"	15'-0"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

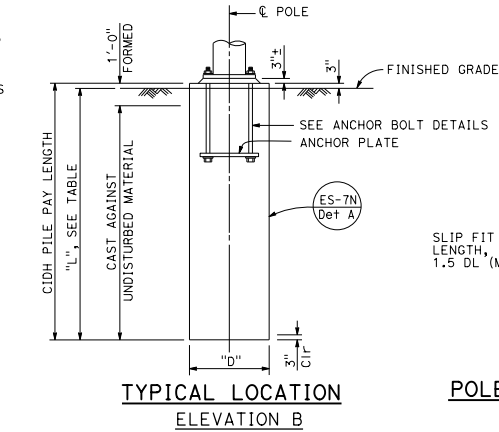


 Stanley P. Johnson
 REGISTERED CIVIL ENGINEER
 October 19, 2018
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR
 THE ACCURACY OR COMPLETENESS OF SCANNED
 COPIES OF THIS PLAN SHEET.

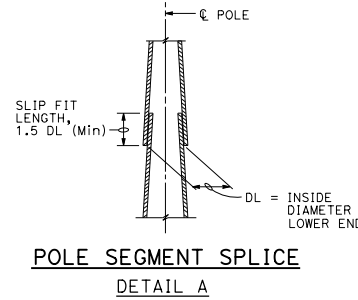
TO ACCOMPANY PLANS DATED _____



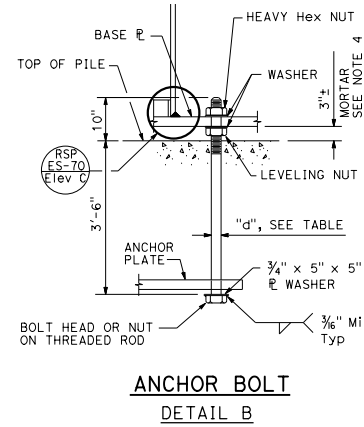
POLE
ELEVATION A



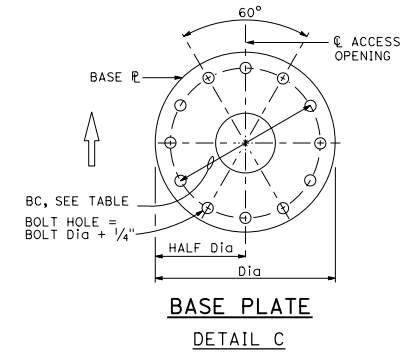
TYPICAL LOCATION
ELEVATION B



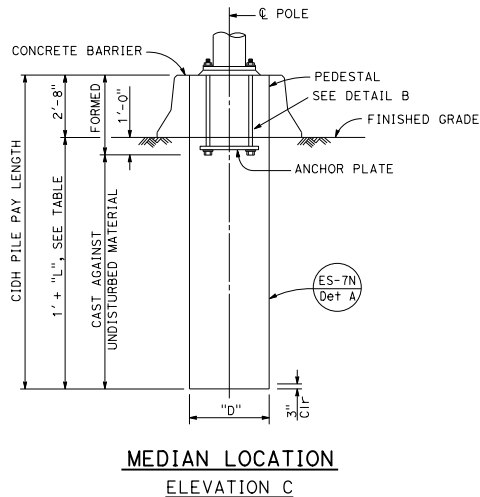
POLE SEGMENT SPLICE
DETAIL A



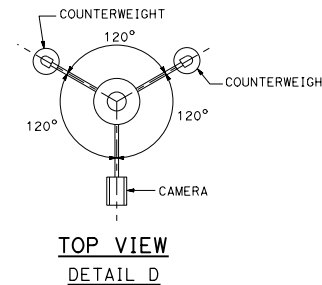
ANCHOR BOLT
DETAIL B



BASE PLATE
DETAIL C



MEDIAN LOCATION
ELEVATION C



TOP VIEW
DETAIL D

NOTES:

1. Pole details shall suit the lowering device and this foundation plan. Pole details shall be submitted to the Engineer for approval.
2. Access opening shall be located on the downstream side of traffic unless otherwise determined by the Engineer.
3. Foundation design is based on a 3-second wind gust of 100 mph.
4. For central void and drain holes in mortar, see Standard Plan ES-6B detail N.
5. For wind loading see Revised Standard Plan RSP ES-7M.
6. Materials (Structural Steel):
 fy = 55,000 psi (tapered steel tube)
 fy = 50,000 psi (unless otherwise noted)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS
(HIGH MAST CAMERA POLE 50' TO 90')
 NO SCALE

RSP ES-16C DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN ES-16C
 DATED MAY 31, 2018 - PAGE 554 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-16C

2018 REVISED STANDARD PLAN RSP ES-16C