

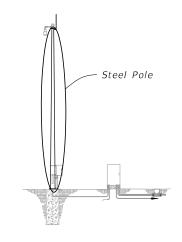
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STEEL CCTV POLE

Ground Mour Option (See		iber Optic JII Box				
nd Rod (See Sheet 5)						
3)						
MBLY						
	INDEX	SHEET				
	649-020	1 of 6				



SHAFT DESIGN TABLE						
Pole Overall Height (ft)	Shaft Diameter	Shaft Length	Longitudinal Reinforcement			
50	4'-0''	11'-0"	(14) #11			
55	4'-0''	12'-0"	(14) #11			
60	4'-6"	13'-0"	(16) #11			
65	65 4'-6"		(16) #11			
70	5'-0"	14'-0''	(18) #11			

= ASSEMBLY ======

ADDITIONAL BURIAL DEPTH DUE TO GROUND SLOPE					
Ground Slope	4'-0" Shaft Diameter	5'–0" Shaft Diameter			
1:5	3'-0''	4'-0"			
1:4	4'-0"	5'-0"			
1:3	5'-0''	6'-0''			
1:2	7'-0"	9'-0"			

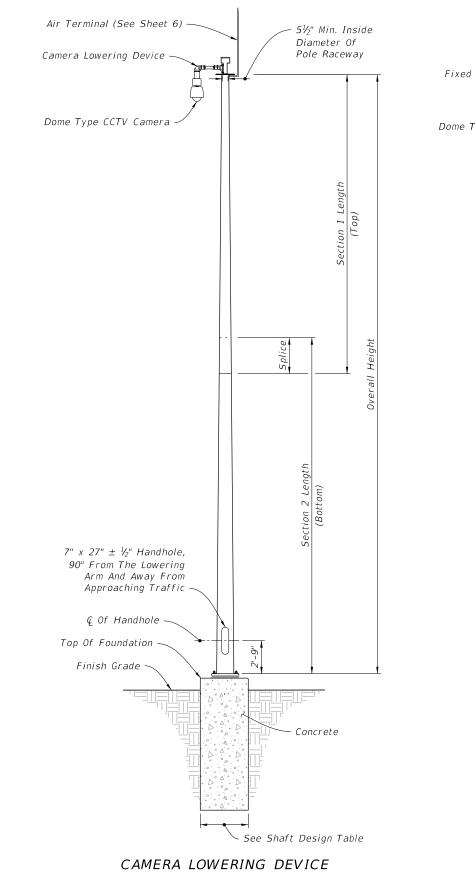
FOUNDATION NOTES:

1. Shaft Length is based on 1'-0" height above the finished grade.

2. Shaft Design Table values are based on level ground (Flatter than 1:5). For foundation within slopes 1:5 and greater, increase the foundation depth in accordance with the Additonal Burial Depth Due To Ground Slope table. For values in-between those shown in the table, use the higher value.

	BASE PLATE AND ANCHOR BOLT DESIGN TABLE						
Pole Overall Height (ft)	Base Plate Diameter (in.)	Base Plate Thickness (in.)	Anchor Bolt Circle (in.)	Number of Bolts	Anchor Bolt Diameter (in.)	Anchor Bolt Embedment (in.)	Minimum Anchor Bolt Projection (in.)
50	27	2.5	22	6	1.25	31	8.5
55	28	2.5	23	6	1.25	33	8.5
60	33	2.5	27	6	1.50	34	9.5
65	35	2.5	29	6	1.50	35	9.5
70	40	2.5	33	6	1.75	38	10.5

	POLE DESIGN TABLE						
	Section 1 (Top)		Section 2 (Bottom)			Joint	
Pole Overall Height (ft)	Length	Wall Thickness (in.)	Base Diameter (in.)	Length	Wall Thickness (in.)	Base Diameter (in.)	Minimum Splice Length (in.)
50				50'-0''	0.25	17	
50	25'-0"	0.25	14	28'-0"	0.25	17	27
55	30'-0"	0.25	15	28'-0"	0.3125	18	30
60	35'-0"	0.25	18	29'-0"	0.3125	21	33
65	33'-0"	0.25	19	36'-0"	0.3125	23	33
70	38'-0''	0.25	22	36'-0"	0.3125	26	39



= ELEVATION ==

LAST REVISION

DESCRIPTION: 11/01/17

FDOT

FY 2018-19 STANDARD PLANS

STEEL CCTV POLE

