



Description	FOOTING SELECTION TABLE			
	Reinforcing Bars Required	Footing Depth 'D'	Reinforcing Bars Required	Footing Depth 'D'
		24" Diameter		36" Diameter
Combination 50' Mounting Height, 26'-44' signal Mast Arm	8-#8	12'	8-#7	10'
Combination 50' Mounting Height, 0-25' signal Mast Arm	8-#6	10'	8-#5	9'
Light Standard 50' Mounting Height	8-#5	8'	8-#4	7'
Combination 40' Mounting Height, 26'-44' signal Mast Arm	8-#7	11'	8-#6	9'
Combination 40' Mounting Height, 0-25' signal Mast Arm	8-#6	10'	8-#5	8'
Light Standard 40' Mounting Height	8-#5	6'	8-#4	5'
Combination 30' Mounting Height, 26'-44' signal Mast Arm	8-#6	10'	8-#5	8'
Combination 30' Mounting Height, 0-25' signal Mast Arm	8-#6	10'	8-#5	8'
Light Standard 30' Mounting Height	8-#5	6'	8-#4	5'
Type IV signal Standard	8-#5	8'	8-#4	7'
Control Box Pedestal	*	4'	*	3'
Type I, II & III signal standard	*	4'	*	3'

\*No reinforcement is required if the anchor bolts extend to within 3" to 6" above the bottom of the foundation.  
 The loads described in the above table are maximum for each foundation shown. All reinforcing steel to be Grade 40 or 60. Concrete shall be Class AE. If the Contractor elects to use a 24" square foundation, the next size smaller reinforcement bars may be substituted for those shown in the table. No substitutions may be made for a 36" square foundation. #3 tie bars on 12" c-c may be substituted for the spiral when a 24" square foundation is used.

NOTES:  
 ① See plans for conduit size, number of bends and correct positioning for each foundation.  
 ② When conduit does not continue beyond the foundation, conduit with a 105° bend and bushings on both ends may be substituted for the 90° bends shown.  
 See plans for correct location of foundations. Grade of foundations to be established by the Engineer in the field.  
 Ground rods are not required in foundations for the type I, II or III signal standards.  
 Maximum anchor bolt circle for the 24" foundation shall not exceed 18". Maximum anchor bolt circle for the 36" foundation shall not exceed 30".