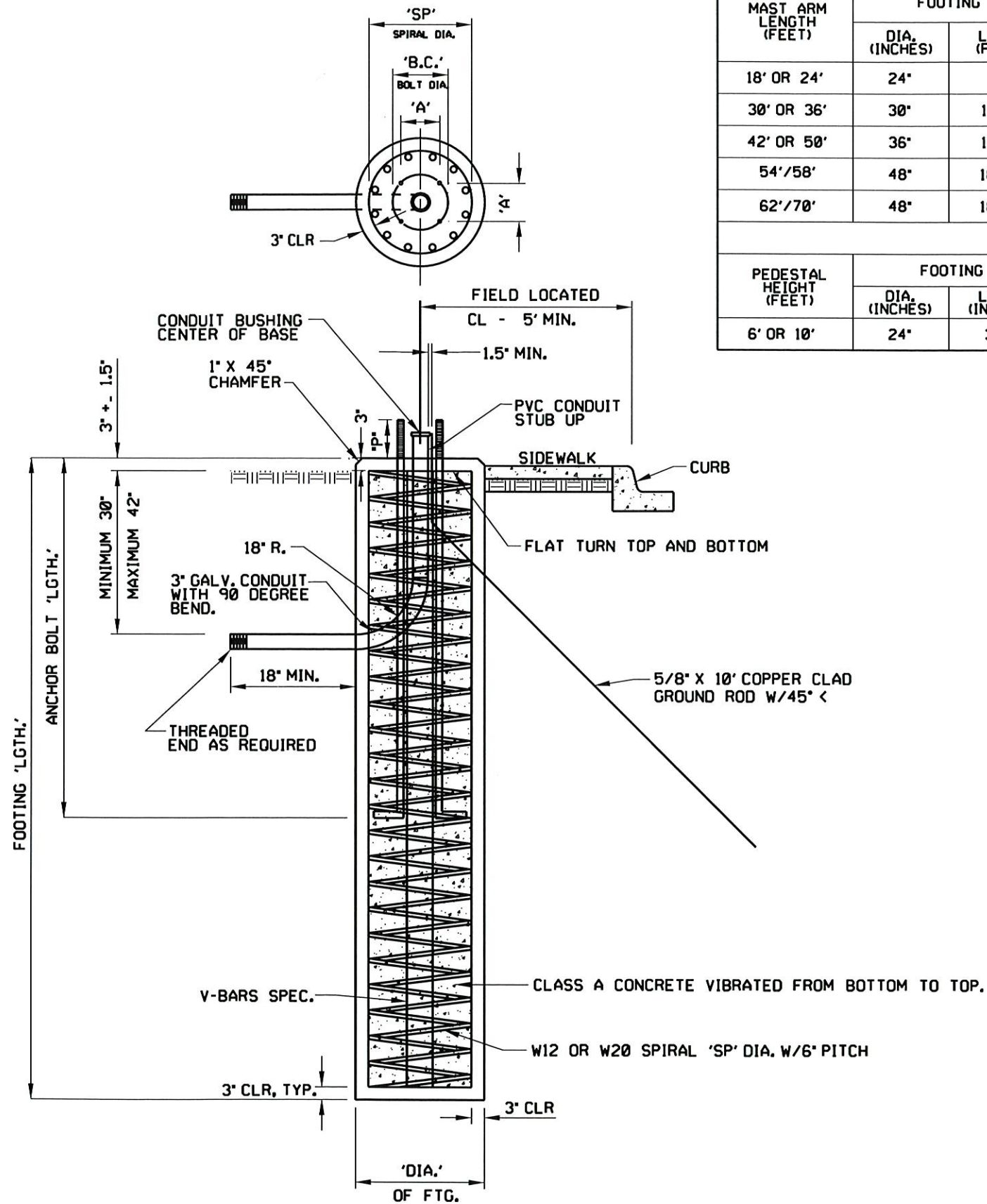


# MAST ARM BASE AND PEDESTAL BASE

MAST ARM LENGTH (FEET)	FOOTING		RE-BAR			ANCHOR BOLTS (INCHES)			TEMPLATE (INCHES)				FOOTING DESIGN NO.
	DIA. (INCHES)	LGTH. (FEET)	'SP' (INCHES)	V-BARS	SPIRAL	DIA.	LGTH.	'P'	B.C.	SO.#1	'A'	B. HOLE	
18' OR 24'	24"	9.0'	18"	6-#8	W-12	1.5"	54"	6.5"	16.5"	17"	11-11/16"	1.625"	S-18/24
30' OR 36'	30"	10.5'	24"	9-#8	W-12	1.5"	54"	6.5"	18.5"	19"	13-1/16"	1.625"	S-30/36
42' OR 50'	36"	12.0'	30"	10-#9	W-12	1.75"	84"	7.5"	20.5"	21"	14-1/2"	1.875"	S-42/50
54'/58'	48"	18.5'	42"	15-#10	W-20	1.75"	84"	9"	22.5"	23"	15-15/16"	2.00"	S-54/58
62'/70'	48"	18.5'	42"	15-#10	W-20	2.00"	90"	9"	26"	27"	18-3/8"	2.25"	S-62/70

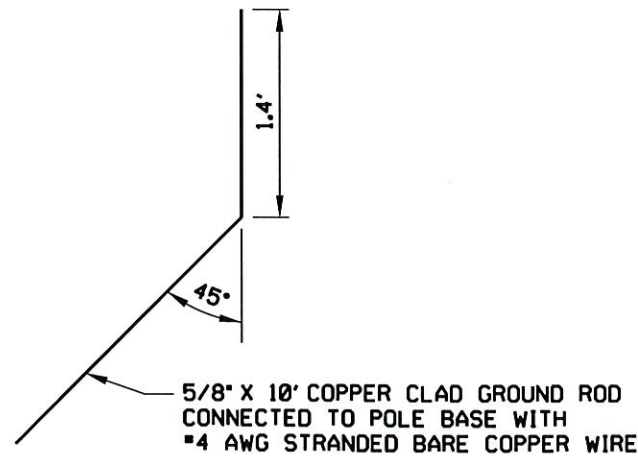
  

PEDESTAL HEIGHT (FEET)	FOOTING		RE-BAR					REINFORCING STEEL	STRUCTURAL CONC.	ANCHOR BOLTS (INCHES)			FOOTING DESIGN NO.
	DIA. (INCHES)	LGTH. (INCHES)	'SP' (INCHES)	V-BARS	LGTH. (INCHES)	SPIRAL	W12 SPIRAL LGTH.			DIA.	LGTH.	'P'	
6' OR 10'	24"	36"	18"	6-#8	30"	W-12	40 FEET	27 LBS.	0.35 C.Y.	3/4"	12"	6.5"	F-1




**NOTE:**

1. MIN. SIZE OF 1/2" STEEL TEMPLATE WITH 6" MIN. CENTER HOLE OR APPROVED EQUAL.



**GROUND ROD DETAIL**

REVISION	BY	DATE

  
 CITY ENGINEER  
  
 Kent W. Knight  
 CITY TRAFFIC ENGINEER

CITY OF TULSA, OKLAHOMA  
ENGINEERING SERVICES DEPARTMENT

SIGNAL POLE FOOTING  
DETAILS

DATE: AUGUST 2021

STD. 603