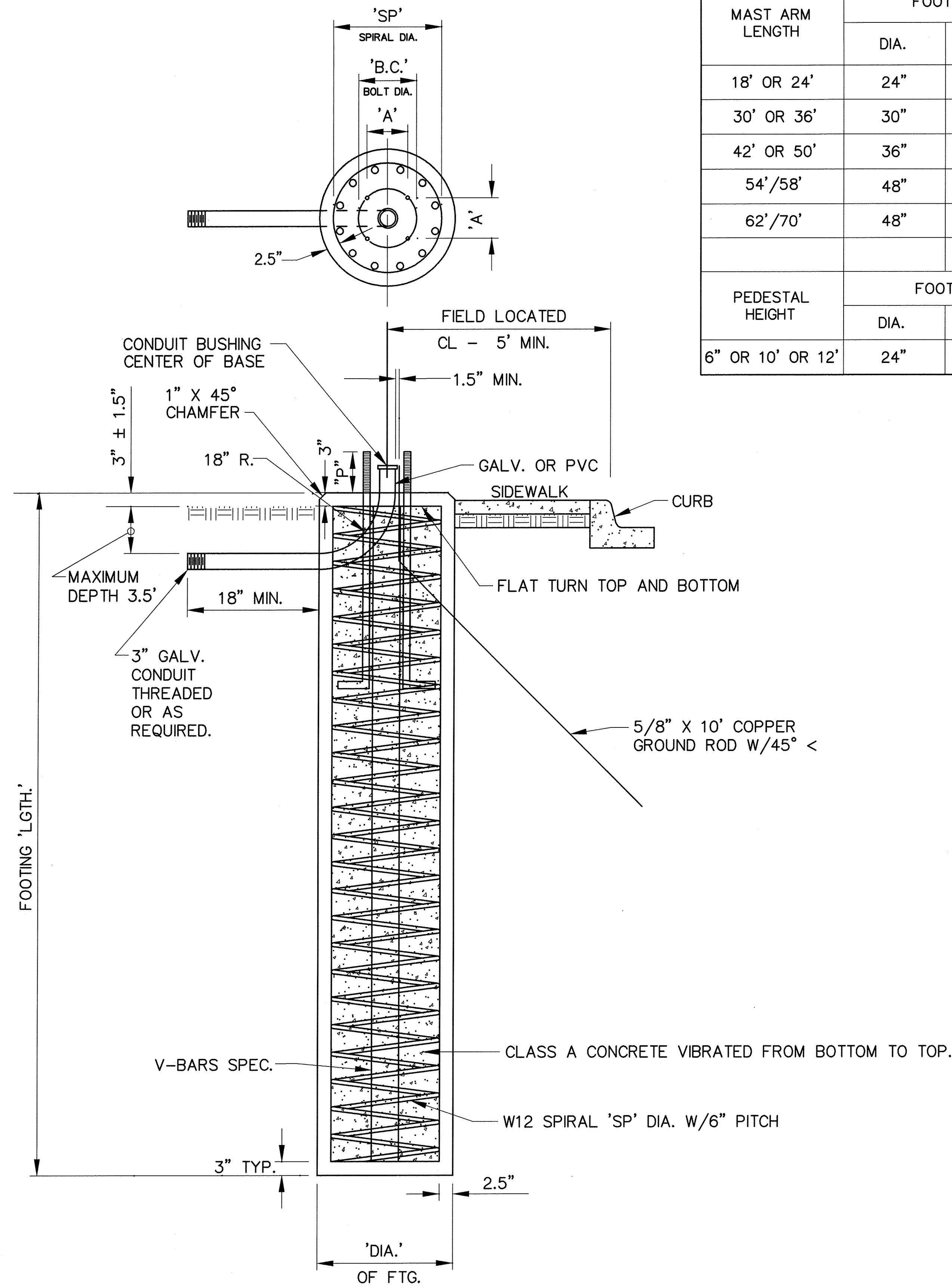


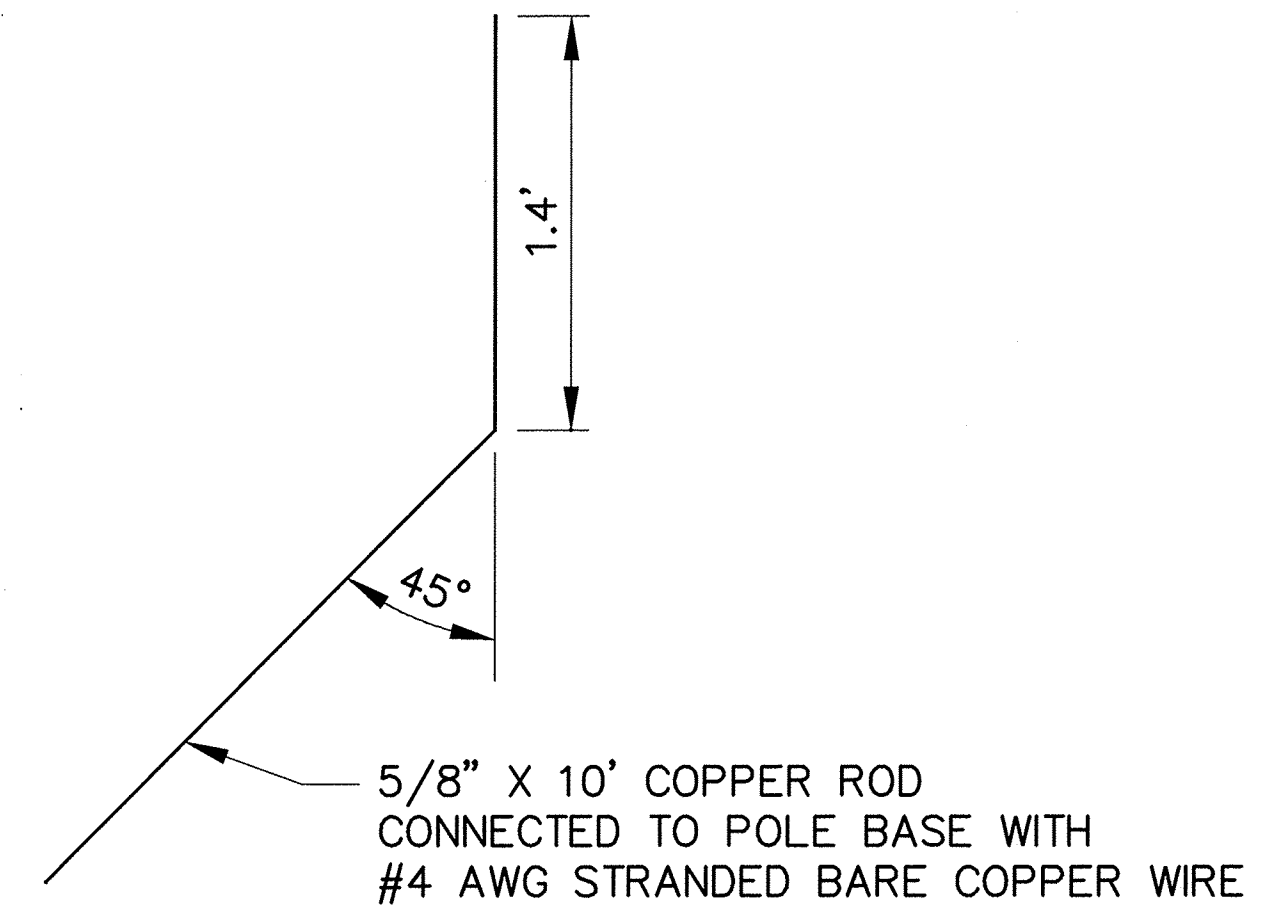
MAST ARM BASE AND PEDESTAL BASE

MAST ARM LENGTH	FOOTING		RE-BAR			ANCHOR BOLTS			TEMPLATE				FOOTING DESIGN NO.
	DIA.	LGTH.	"SP"	V-BARS	SPIRAL	DIA.	LGTH.	"P"	B.C.	SQ.#1	"A"	B. HOLE	
18' OR 24'	24"	9.0'	20"	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'	25"	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'	31"	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	FOOTING		RE-BAR					REINFORCING STEEL	STRUCTURAL CONC.	ANCHOR BOLTS		FOOTING DESIGN NO.	
	DIA.	LGTH.	"SP"	V-BARS	W-20	LGTH.	W12 SPIRAL LGTH.			DIA.	LGTH.		
6" OR 10' OR 12'	24"	36"	20"	6-#8	W-20	32"	40 FEET	27 LBS.	0.35 C.Y.	3/4"	8"	F-1	



NOTE:

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



GROUND ROD DETAIL

PATH NAME: /E1/PARTS/STD/DGN=STDS/603-signal-pole-foot-det.dgn SBW 09/14/2012

REVISION	BY	DATE

 CITY ENGINEER	CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT
 CITY TRAFFIC ENGINEER	SIGNAL POLE FOOTING DETAILS
DATE: OCTOBER 2013	
STD. 603	