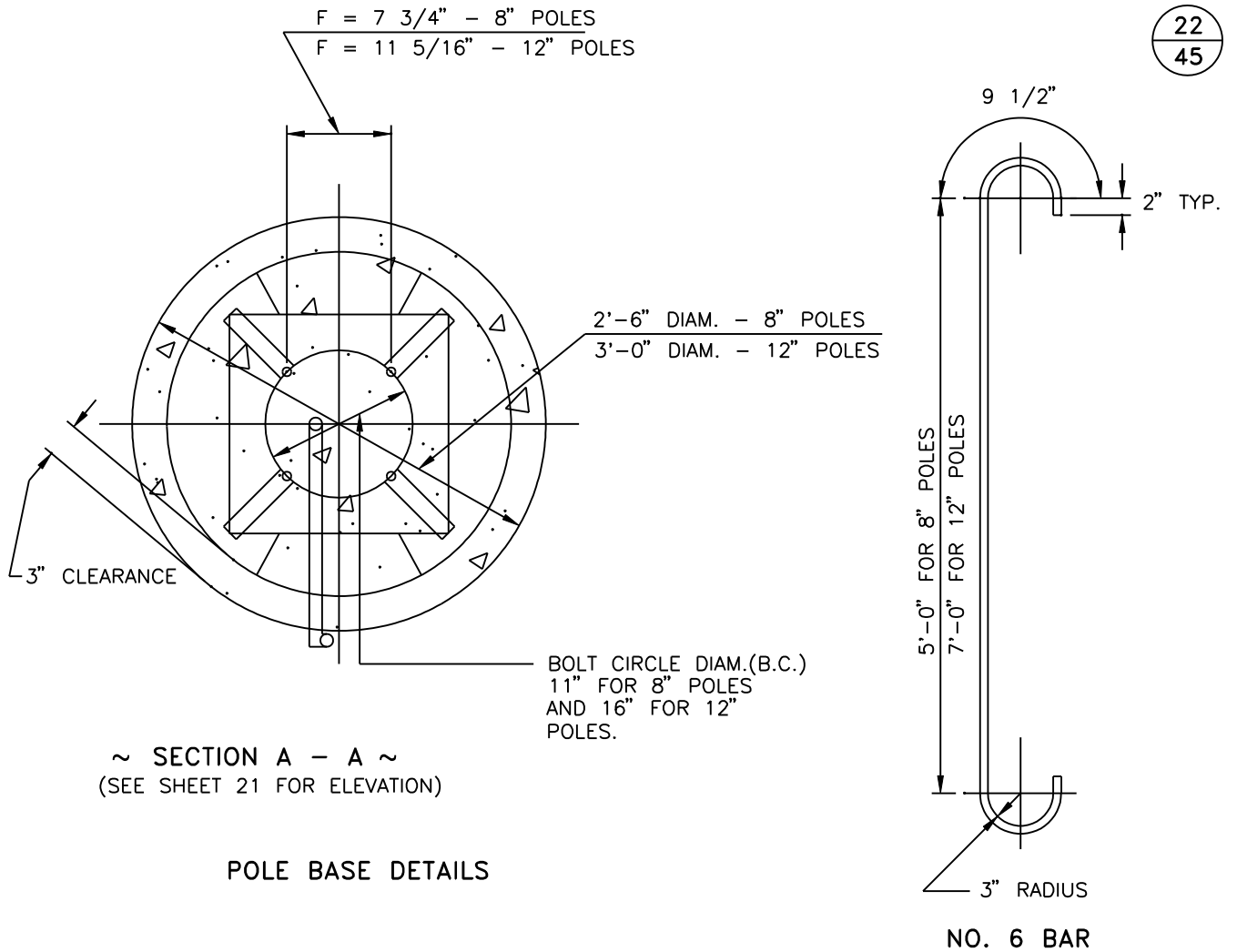




POLE SIZE AND LOAD CHART										
TYPE	GAUGE	SHAFT SIZE	MIN. ALLOW. YIELD STRESS	LOAD AT YIELD ☆	DEFL. PER 100 LB. ☆	BASE DETAIL				
						ANCH. BOLT	B.C.	F.	S.	P.
I	11	8"x4.01" x28'-6"	55,000 P.S.I.	970 LB.	2.71"	1 1/4" x 48"	11"	7 3/4"	11 1/2"	2 5/8"
II	3	8"x4.01" x28'-6"	55,000 P.S.I.	1940 LB.	1.38"	1 1/4" x 48"	11"	7 3/4"	11 1/2"	2 5/8"
III	3	12"x8.01" x28'-6"	55,000 P.S.I.	4500 LB.	.33"	1 3/4" x 90"	16"	11 5/16"	17 "	4 "
IV	0	12"x8.01" x28'-6"	55,000 P.S.I.	5540 LB.	.27"	1 3/4" x 90"	16"	11 5/16"	17 "	4 "

☆ INDICATES PROPERTIES OF A NOMINAL SIZE POLE
 WITH LOAD APPLIED 18" DOWN FROM THE TOP.

NOTE: ALL POLE CROSS SECTION SHALL BE ROUND

(SEE SHEET 19 & 20 FOR DETAILS)

REVISIONS	STANDARDS FOR STREET LIGHTING POLE BASE DETAILS & POLE LOAD CHART

CITY OF DAYTON, OHIO
 NO SCALE 14A-17113