



DIAMETER OF BOLT d, IN.	TENSILE STRENGTH, LB $f_s = 20,000$ P.S.I.	METAL PIPE SLEEVE		PLASTIC SLEEVE		LENGTH OF BOLT IN CONC., IN. e	SIZE OF PLATE WASHER IN.
		LENGTH $b \approx 10d$	SIZE $\phi$ $c \approx d+2"$	LENGTH b	SIZE $\phi$ c = IN.		
1/2	1500	6"	1 1/2	5"	2		
5/8	2425	6"	2	7"	2		
3/4	3600	9"	2	7"	2		
7/8	5040	9"	2 1/2	7"	2		
1	6600	10"	3	10"	3		
1 1/8	8320	1'-0"	3	10"	3		
1 1/4	10630	1'-1"	3	10"	3		
1 3/8	12660	1'-2"	3	1'-3"	4		7x7x1
1 1/2	15500	1'-3"	3	1'-3"	4		8x8x1 1/4
1 5/8	18360	1'-4"	4	1'-3"	4		8x8x1 1/4
1 3/4	20950	1'-4"	4	1'-3"	4		9x9x1 1/2
1 7/8	24600	1'-6"	4	1'-6"	4	2'-10"	9x9x1 1/2
2	27600	1'-8"	4	1'-6"	4		11x11x1 3/4
2 1/4	36300	2'-2"	4	1'-6"	4		11x11x1 3/4
2 1/2	44600	2'-1"	4	2'-0"	6		11x11x1 3/4
2 3/4	55400	2'-4"	6	2'-0"	6		12x12x2
3	65280	2'-6"	6	2'-0"	6		12x12x2

C					
B					
A					
	DESCRIPTION	DRW	CKD	APP	DATE
REVISIONS					
DRAWN BY: S.D.A.					
CHECKED BY: S.D.A.					
APPROVED:					

**ANCHOR BOLTS**

SCALE: NONE

CITY OF DETROIT  
WATER AND SEWERAGE  
DEPARTMENT  
ENGINEERING  
DIVISION

SHEET 1 OF 1

DWG No. 05550-01