DIED	N	0	3	
LIEU	TA	0.	0	

Tested October 3rd, 1918. Height, 5 ft. 7½ ins. = 22 c E = 330,000 lbs. per sq. in. Strength = 630 lbs. per sq.	Age, 108 days. courses. Cement mortar. in. $1/d = 7.8$.
Load Deformation	Load Deformation
000 lbs	32,200 lbs



TEST OF BRICK PIER AT UNIVERSITY OF TORONTO

PIER No. 4

Tested (Height,)ctober 7th, 1918. 5 ft. 7½ ins. = 22	Age, 112 days courses. Cen	s. nent mortar.
E = 284	,000 lbs. per sq. in	. 1/1 -	7.0
Strength	1 = 560 lbs. per sq.	1/a =	1.0.
Load	Deformation	Load	Deformation
000 lbs		29,800 lbs	092 ins
1.600 " .	005 "	38,600 "	129 "
0,700 " .	037 "	41,800 "	failed
21,600 " .	063 "		

PIER NO. 5

Tested October 8th, 1918. Age, 112 days. Height, 4 ft. 1 in. = 16 courses. Cement mortar. E = 234,000 lbs. per sq. in. north - 570 lbs, per sq. in. 1/d = 5.7.

Lond	Deformation	Load	Deformation
000 lbs	000 ins.	31,000 lbs	084 ins.
800 " .	000 "	37,200 "	103 "
10.400 " .		42,600 "	failed
21.000	059 "		

PIER NO. 6

Tested October 8th, 1918. Age, 112 days. Height, 4 ft. 1 in. = 16 courses. Cement mortar. E = 276,000 lbs. per sq. in. Strength = 580 lbs. per sq. in. 1/d = 5.7. Deformation Load Deformation Load 000 lbs..... .000 ins. 38,000 "090 " 43,200 " failed

PIER NO. 7

Tested September 25th, 1918. Age, 107 days. Height, 12¹/₈ ins. = 4 courses. Cement Mortar. E was not determined. Strength = 780 lbs. per sq. in. 1/d = 1.4.

PIER NO. 8

Tested September 26th, 1918. Age, 107 days. Height, 9 ft. 1/2 in. = 36 courses. Lime mortar. E = 215,000 lbs. per sq. in. Strength = 340 lbs. per sq. in. 1/d = 12.5.

Tood	Deformation	Load	Deformation
Load	000 ins.	14.200 lbs	091 ins.
1 000 105	012 "	17,800 "	118 "
7,000 "	.042 "	21,600 "	150 "
12,000 "		25,400 "	207 failed

PIER NO. 9

Tested September 27th, 1918. Age, 108 days. Height, 9 ft. = 36 courses. Lime mortar. E = 208,000 lbs. per sq. in. 1/d = 12.5.Strength = 350 lbs. per sq. in.

Tood	Deformation	Load	Deformation
000 lbs		15,200 lbs	106 ins.
2,000 "		20,000 "	144 "
9,400 "		25,800 "	failed

PIER NO. 10

Tested October 1st, 1918. Age, 110 days. Height, 5 ft. 7½ ins. = 23 courses. Lime mortar. E = 242,000 lbs. per sq. in. Strength = 420 lbs. per sq. in. 1/d = 7.8.

Load 000 lbs	Deformation 	Load 21,800 lbs 31,200 "	Deformation
8,200 "	····· .030 " ····· .054 "	31,200 "	failed

PIER NO. 11

Tested 0 Height, $E = 214$,	ctober 2nd, 1918. 5 ft. 7½ ins. = 23 000 lbs. per sq. in. - 410 lbs. per sq.	Age, 111 days. courses. Lime 1 in. $1/d = 7.8$	mortar.
Load 000 lbs ,600 "	Deformation 	Load 19,000 lbs 24,200 "	Deformation

10.600 "	 30,600 "	 Ianea
10,000		

PIER NO. 12

Tested September 21st, 1918	8. Age, 94 days.
Height, 4 ft. 3/4 in. = 16 co	urses. Lime mortar.
E = 119,000 lbs. per sq. m. Strength = 340 lbs. per sq.	in. $1/d = 5.6$.
Load Deformation	Load Deformation
000 lbs	19,600 lbs

25,600 " failed