

MANATEE GRATE TABLE

D	A	C	E	A1	a	b	c	d	e	No. of Bars @ 6" o.c.
18	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X3"	4
24	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X3"	5
30	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X3"	6
36	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X4"	7
42	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X4"	8
48	E+12"	VARIES	O.D.	A-1"	3/8" PLATE	C1/4"X2 1/2"X2 1/2"	3/8"X2 1/2"X5"	L3 1/2"X3 1/2"X3/8"	C1/8"X1 1/4"X4"	8
54	E+12"	VARIES	O.D.	A-1"	3/4" PLATE	C1/2"X2 1/2"X2 1/2"	3/4"X4 1/2"X10"	L3 1/2"X3 1/2"X1/2"	C1/8"X1 1/4"X4"	10
60	E+12"	VARIES	O.D.	A-1"	3/4" PLATE	C1/2"X2 1/2"X2 1/2"	3/4"X4 1/2"X10"	L3 1/2"X3 1/2"X1/2"	C1/8"X1 1/4"X4"	11

MIAMI-DADE
COUNTY
DEPARTMENT OF
TRANSPORTATION
AND PUBLIC WORKS

APPROVED
5/8/2018

REVISED
5/8/2018

STANDARD STORM DRAINAGE DETAIL
MANATEE GRATE TABLE

SD
5.1

SHEET 4 OF 4