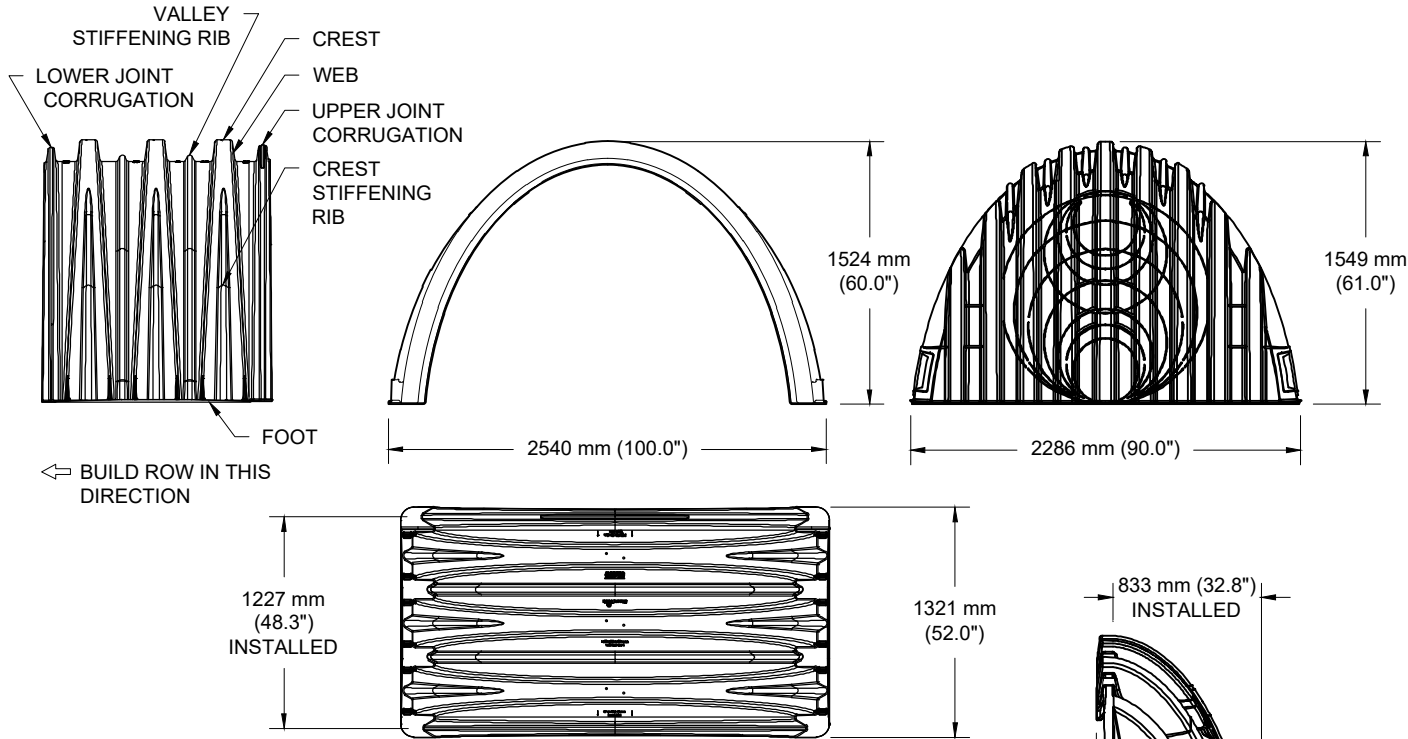


MC-4500 TECHNICAL SPECIFICATION

NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	2540 mm X 1524 mm X 1227 mm	(100.0" X 60.0" X 48.3")
CHAMBER STORAGE	3.01 m ³	(106.5 CUBIC FEET)
MINIMUM INSTALLED STORAGE*	4.60 m ³	(162.6 CUBIC FEET)
WEIGHT (NOMINAL)	56.7 kg	(125.0 lbs.)

NOMINAL END CAP SPECIFICATIONS

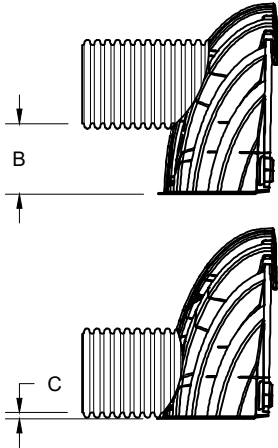
SIZE (W X H X INSTALLED LENGTH)	2286 mm X 1549 mm X 833 mm	(90.0" X 61.0" X 32.8")
END CAP STORAGE	1.12 m ³	(39.5 CUBIC FEET)
MINIMUM INSTALLED STORAGE*	3.26 m ³	(115.3 CUBIC FEET)
WEIGHT (NOMINAL)	40.8 kg	(90 lbs.)

*ASSUMES 305 mm (12") STONE ABOVE, 229 mm (9") STONE FOUNDATION AND BETWEEN CHAMBERS, 305 mm (12") STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC4500IEPP06T	150 mm (6")	1081 mm (42.54")	---
MC4500IEPP06B		---	22 mm (0.86")
MC4500IEPP08T	200 mm (8")	1029 mm (40.50")	---
MC4500IEPP08B		---	26 mm (1.01")
MC4500IEPP10T	250 mm (10")	975 mm (38.37")	---
MC4500IEPP10B		---	34 mm (1.33")
MC4500IEPP12T	300 mm (12")	907 mm (35.69")	---
MC4500IEPP12B		---	39 mm (1.55")
MC4500IEPP15T	375 mm (15")	831 mm (32.72")	---
MC4500IEPP15B		---	43 mm (1.70")
MC4500IEPP18T	450 mm (18")	746 mm (29.36")	---
MC4500IEPP18TW		---	50 (1.97")
MC4500IEPP18B			
MC4500IEPP18BW		600 mm (24")	585 mm (23.05")
MC4500IEPP24T			
MC4500IEPP24TW	---		57 mm (2.26")
MC4500IEPP24B			
MC4500IEPP24BW	750 mm (30")	---	75 mm (2.95")
MC4500IEPP30BW			
MC4500IEPP36BW	900 mm (36")	---	83 mm (3.25")
MC4500IEPP42BW	1050 mm (42")	---	90 mm (3.55")

NOTE: ALL DIMENSIONS ARE NOMINAL



CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 300-600 mm (12-24") SIZE ON SIZE AND 375-1200 mm (15-48") ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-4500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 250 mm (10"). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

TECHNICAL SPECIFICATIONS
MC-4500 CHAMBER

DATE: 04/30/25
DRAWING #: 724-410_C
DRAWN: SMW
CHECKED: JLM

DATE	DRWN	CHKD	DESCRIPTION

StormTech®
Chamber System

4640 TRUEMAN BLVD
HILLIARD, OH 43026