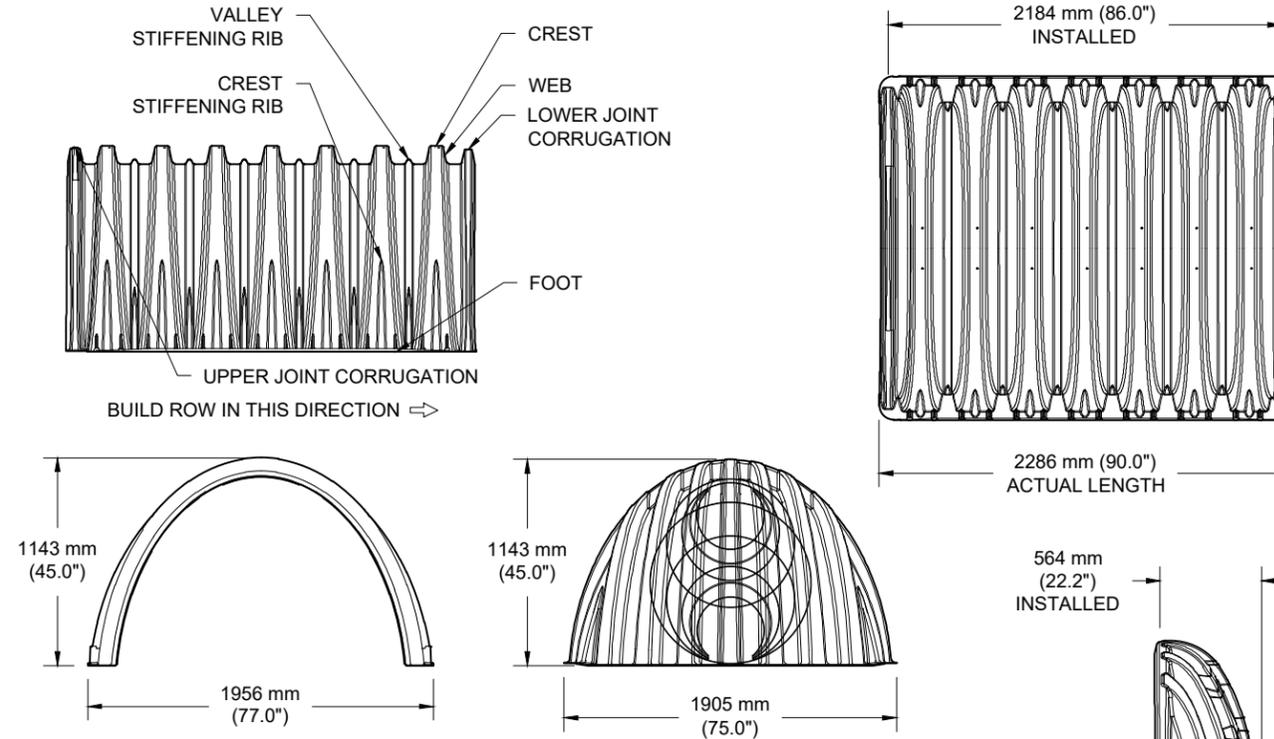


# MC-3500 TECHNICAL SPECIFICATION

NTS



**NOMINAL CHAMBER SPECIFICATIONS**

SIZE (W X H X INSTALLED LENGTH)	1956 mm X 1143 mm X 2184 mm	(77.0" X 45.0" X 86.0")
CHAMBER STORAGE	3.11 m <sup>3</sup>	(109.9 CUBIC FEET)
MINIMUM INSTALLED STORAGE*	4.96 m <sup>3</sup>	(175.0 CUBIC FEET)
WEIGHT	60.8 kg	(134 lbs.)

**NOMINAL END CAP SPECIFICATIONS**

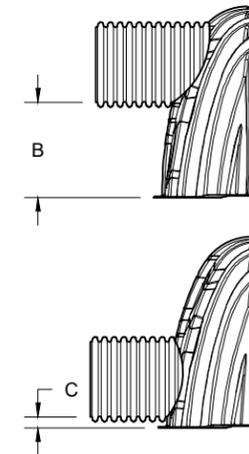
SIZE (W X H X INSTALLED LENGTH)	1905 mm X 1143 mm X 564 mm	(75.0" X 45.0" X 22.2")
END CAP STORAGE	0.42 m <sup>3</sup>	(14.9 CUBIC FEET)
MINIMUM INSTALLED STORAGE*	1.28 m <sup>3</sup>	(45.1 CUBIC FEET)
WEIGHT	22.2 kg	(49 lbs.)

\*ASSUMES 305 mm (12") STONE ABOVE, 229 mm (9") STONE FOUNDATION, 152 mm (6") STONE BETWEEN CHAMBERS, 152 mm (6") 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"  
 END CAPS WITH A WELDED CROWN PLATE END WITH "C"

PART #	STUB	B	C	
MC3500IEPP06T	150 mm (6")	844 mm (33.21")	---	
MC3500IEPP06B		---	17 mm (0.66")	
MC3500IEPP08T	200 mm (8")	791 mm (31.16")	---	
MC3500IEPP08B		---	21 mm (0.81")	
MC3500IEPP10T	250 mm (10")	738 mm (29.04")	---	
MC3500IEPP10B		---	24 mm (0.93")	
MC3500IEPP12T	300 mm (12")	670 mm (26.36")	---	
MC3500IEPP12B		---	34 mm (1.35")	
MC3500IEPP15T	375 mm (15")	594 mm (23.39")	---	
MC3500IEPP15B		---	38 mm (1.50")	
MC3500IEPP18TC	450 mm (18")	509 mm (20.03")	---	
MC3500IEPP18TW			---	
MC3500IEPP18BC			45 mm (1.77")	
MC3500IEPP18BW			---	
MC3500IEPP24TC	600 mm (24")	368 mm (14.48")	---	
MC3500IEPP24TW			---	
MC3500IEPP24BC			52 mm (2.06")	
MC3500IEPP24BW			---	
MC3500IEPP30BC			750 mm (30")	---
MC3500IEPP30BC			---	70 mm (2.75")

NOTE: ALL DIMENSIONS ARE NOMINAL



CUSTOM PARTIAL CUT 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-3500 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-3500 CHAMBER

DATE: 04/30/25 DRAWN: SMW  
 DRAWING #: 724-310\_C CHECKED: JLM

DATE	DRWN	CHKD	DESCRIPTION

**StormTech**<sup>®</sup>  
 Chamber System

4640 TRUEMAN BLVD  
 HILLIARD, OH 43026



THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS/STORMTECH UNDER THE DIRECTION OF THE PROJECT'S ENGINEER OF RECORD (EOR) OR OTHER PROJECT REPRESENTATIVE. THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE EOR'S PRIOR APPROVAL. EOR SHALL REVIEW THIS DRAWING PRIOR TO BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.