



	CHAMBER WIDTH	CHAMBER SPACING	CENTER TO CENTER	CHAMBER HEIGHT	MAX END CAP CONNECTION
S29	59" (1499mm)	6.0" (150mm) *7.5" (190mm)	65.0" (1651mm) *66.5" (1690mm)	36" (914mm)	32" (813mm)
S22	55" (1397mm)	6.0" (150mm)	61.0" (1549mm)	35" (889mm)	30" (762mm)
C10	39.7" (1008mm)	6.0" (150mm)	45.7" (1161mm)	25" (635mm)	20" (508mm)
M6	33.6" (853mm)	6.0" (150mm)	39.6" (1006mm)	17.5" (445mm)	14" (356mm)

\*7.5" (190mm) SPACING OF DISTRIBUTION ROWS IS REQUIRED ONLY WHEN A PERPENDICULAR MAIN HEADER ROW IS USED. IF AN INLINE MAIN HEADER ROW IS USED, THEN MIN SPACING CAN BE 6" (150mm)

\*\* THE DESIGN ENGINEER IS SOLELY RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND DETERMINING THE DEPTH OF FOUNDATION STONE. SUBGRADE BEARING RESISTANCE SHOULD BE ASSESSED WITH CONSIDERATION FOR THE RANGE OF SOIL MOISTURE CONDITIONS EXPECTED UNDER A STORMWATER SYSTEM.

**CONCEPTUAL PLAN DISCLAIMER**  
 THIS GENERIC DETAIL DOES NOT ENCOMPASS THE SIZING, FIT, AND APPLICABILITY OF THE TRITON CHAMBER SYSTEM FOR THIS SPECIFIC PROJECT. IT IS THE ULTIMATE RESPONSIBILITY OF THE DESIGN ENGINEER TO ASSURE THAT THE STORMWATER SYSTEM DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. TRITON PRODUCTS MUST BE DESIGNED AND INSTALLED IN ACCORDANCE WITH TRITON'S MINIMUM REQUIREMENTS. TRITON STORMWATER SOLUTIONS DOES NOT APPROVE PLANS, SIZING, OR SYSTEM DESIGNS. THE DESIGN ENGINEER IS RESPONSIBLE FOR ALL DESIGN DECISIONS.

**TRITON**  
 STORMWATER SOLUTIONS

7600 EAST GRAND RIVER, STE.195  
 BRIGHTON, MI 48114  
 PHONE: (810) 222-7652 FAX: (810) 222-1769  
 WWW.TRITONSWS.COM

# TRITON CROSS SECTION

## WITH SAND FILTRATION LAYER - DEEP PROFILE OPTION

TRITON - STANDARD DETAILS

REVISED:  
 04-09-20 JWM