

AASHTO M288 CLASS 2
NON-WOVEN GEOTEXTILE
OR EQUAL, ALL SIDES
(BOTTOM OPTIONAL PER
ENGINEER)

$\frac{3}{4}$ "-2" (20-50mm) CLEAN,
CRUSHED, ANGULAR STONE
(IGNEOUS RECOMMENDED)

GRANULAR WELL GRADED
SOIL/AGGREGATE MIXTURES. <35%
FINES, COMPACT IN 6" (150mm) LIFTS
TO 95% PROCTOR DENSITY. SEE THE
TABLE OF ACCEPTABLE FILL MATERIALS.

END CAP PIPE
CONNECTION
MAX O.D.
(see table)

ALL CHAMBER ROWS
TO SHARE VERTICAL
CENTER LINE

TERRAGRID SX1515 BI-AXIAL
GEOGRID OR APPROVED EQUAL
DIRECTLY ABOVE BASE LEVEL
CHAMBERS AS SHOWN

STANDARD
END CAP

OPTIONAL ϕ 6" (150mm)
UNDERDRAIN W/ SOCK
PER ENGINEER (TYP)

18" MIN
(450mm)

CHAMBER WIDTH
(see table)

MIN CHAMBER
SPACING
(see table)

PAVEMENT
TRITON
CHAMBERS

FOR UNPAVED INSTALLATION WHERE
RUTTING FROM VEHICLES MAY OCCUR,
INCREASE COVER TO 24" (610mm)

12" MIN
(300mm)

CHAMBER
HEIGHT
(see table)

12" MIN (300mm)

CHAMBER
HEIGHT
(see table)

12" MIN
(300mm)

CENTER TO CENTER
(see table)

ENGINEER TO VERIFY
SUITABILITY OF
SUBGRADE SOILS

	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)

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.



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DOUBLE STACK CROSS SECTION INFILTRATION

TRITON - STANDARD DETAILS

REVISED:

07-16-18 JWM