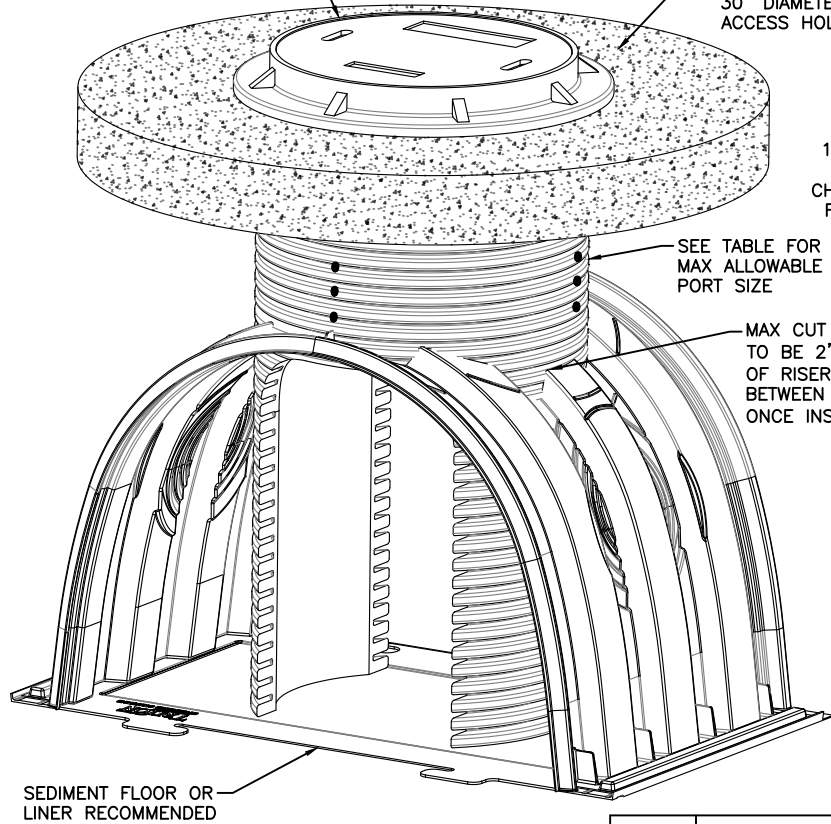


ISO VIEW

VENTED OR GRATED MANHOLE IS RECOMMENDED

58" DIAMETER X MIN 5" CONCRETE TOP SLAB WITH 30" DIAMETER CONCENTRIC ACCESS HOLE



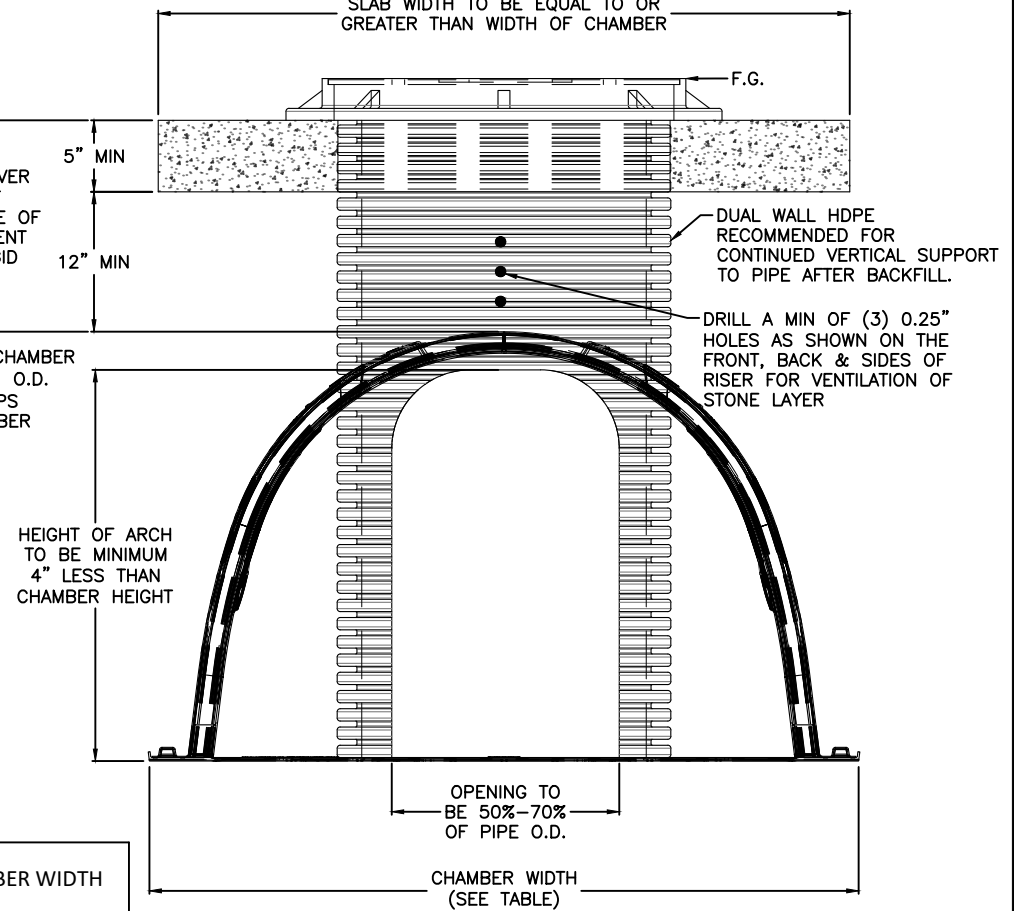
SEE TABLE FOR MAX ALLOWABLE PORT SIZE

MAX CUT OUT HOLE IN CHAMBER TO BE 2" GREATER THAN O.D. OF RISER (FOAM ALL GAPS BETWEEN RISER & CHAMBER ONCE INSTALLED)

SEDIMENT FLOOR OR LINER RECOMMENDED

FRONT VIEW

SLAB WIDTH TO BE EQUAL TO OR GREATER THAN WIDTH OF CHAMBER



18" MINIMUM COVER FROM TOP OF CHAMBER TO BASE OF FLEXIBLE PAVEMENT OR TOP OF RIGID CONCRETE

5" MIN
12" MIN

DUAL WALL HDPE RECOMMENDED FOR CONTINUED VERTICAL SUPPORT TO PIPE AFTER BACKFILL.

DRILL A MIN OF (3) 0.25" HOLES AS SHOWN ON THE FRONT, BACK & SIDES OF RISER FOR VENTILATION OF STONE LAYER

HEIGHT OF ARCH TO BE MINIMUM 4" LESS THAN CHAMBER HEIGHT

OPENING TO BE 50%-70% OF PIPE O.D.

CHAMBER WIDTH (SEE TABLE)

	MAX ALLOWED TOP PORT	CHAMBER WIDTH
S29	24" (600mm) DUAL WALL HDPE	59" (1499mm)
S22	24" (600mm) DUAL WALL HDPE	55" (1397mm)
C10	18" (450mm) DUAL WALL HDPE	39.70" (1008mm)
M6	12" (300mm) DUAL WALL HDPE	33.61" (854mm)

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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INSPECTION/MAINTENANCE PORT DOG HOUSE OPTION

TRITON - STANDARD DETAILS

REVISED:

11-03-17 JWM