WEIGHT MINIMUM INSTALLED STORAGE

MC3500IEPP06T
MC3500IEPP12T
MC3500IEPP15B
MC3500IEPP08T

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS,

A-1, A-2-4, A-3

MC3500IEPP18BW

NOMINAL END CAP SPECIFICATIONS

MC-3500 CROSS SECTION DETAIL

MC-3500 END CAP

MC-3500 CHAMBER

MANIFOLD STUB

MANIFOLD HEADER

SOLID COVER: 1299CGC*

CONCRETE COLLAR NOT REQUIRED

CONCRETE SLAB

STORMTECH HIGHLY

RECOMMENDED)

STORMTECH MC-3500 CHAMBER SYSTEMS

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

INSPECTION & MAINTENANCE

NOTE:

1. LOCATE A CLEAR, LEVEL INSPECTION PORT ON THE BOTTOM OF THE CHAMBER THAT IS VISIBLY ACCESSIBLE FROM THE AREA WHERE THE UNDERDRAIN DETAIL IS LOCATED. THE CLEARING MUST BE IN A LOCATION WITH A MINIMUM CLEARANCE OF 6" (150 mm) FROM THE SURFACE TO THE INSIDE OF THE CHAMBER.

2. INITIAL FILL:

a) Fill all spaces beneath the chamber, including the fill area in front of the chamber and backfilling around the chamber.

b) The fill area shall be staked and prepared per site design engineer's plans.

c) Ensure that the fill area is free of all vegetation, debris, and rocks.

3. SUBGRADE SOILS:

a) The subgrade soils shall be free of all vegetation, debris, and rocks.

b) The subgrade soils shall be compacted per site design engineer's plans.

4. UNDERDRAIN DETAIL:

a) Underdrain detail shall be installed per site design engineer's plans.

b) The underdrain detail shall be protected at side inlet connections.

5. FILLING THE CHAMBER:

a) The chamber shall be filled with a well-graded material and 95% relative density for processed aggregate.

b) The fill area shall be compacted per site design engineer's plans.

6. INITIAL FILLING:

a) The initial fill shall be compacted per site design engineer's plans.

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7. FILLING THE CHAMBER:

a) The chamber shall be filled with a well-graded material and 95% relative density for processed aggregate.

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8. MAINTENANCE:

a) Conduct jetting and vactoring annually or when inspection shows that maintenance is recommended.

b) Inspect the isolation row for sediment.

c) Inspect the manholes and horizontal inlets for sediment.

d) Apply multiple passes of jetvacs until backflush water is clean.

CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS RECOMMENDED)

APPLICATIONS FOR A SOLID LID

MC-3500 ISOLATOR ROW DETAIL

MC-3500 CHAMBER SYSTEMS

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