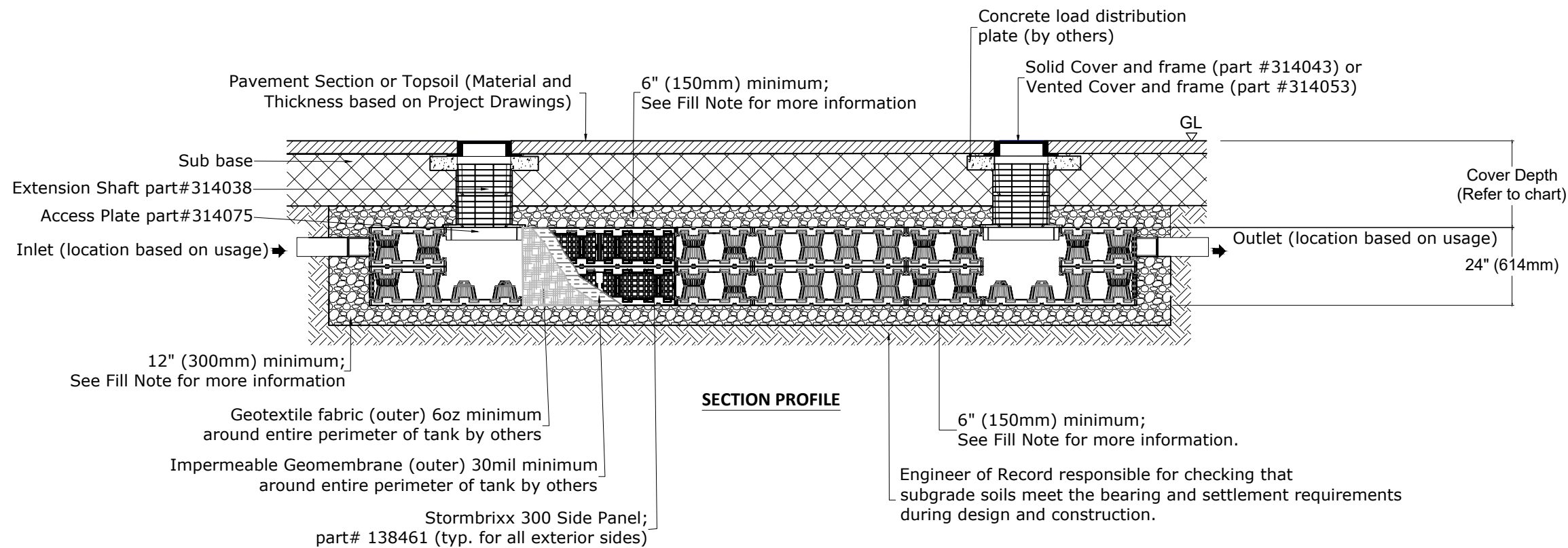


PLAN



SECTION PROFILE

Cover Information for ACO StormBrixx 300

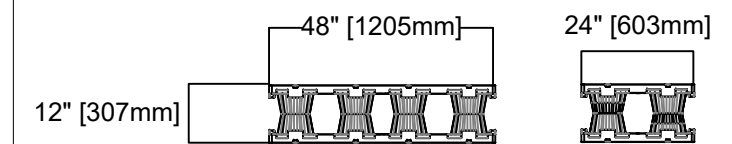
Installation Location	Minimum cover depth ⁽⁴⁾ ft (m)
Non-trafficked areas i.e. landscaping ⁽²⁾	1.0 (0.3)
Parking lots, vehicles up to 5,512lbs gross mass ⁽¹⁾	1.8 (0.55)
Parking lots, occasional vehicles greater than 5,512lbs gross mass ⁽³⁾	2.0 (0.6)
Occasional heavy truck traffic up to HS-25 loading	2.3 (0.7)
Maximum cover depth of ACO StormBrixx 300	11.16 (3.4)
Maximum depth to invert of ACO StormBrixx 300 one layer system	13.16 (4)

Notes

- (1) Assumes 27 degree load distribution through fill material and overlaying surface asphalt or block paving
- (2) Minimum cover depth to avoid accidental damage from gardening/landscaping work
- (3) Occasional sanitation trucks or similar vehicles (typically one per week)
- (4) Please check minimum frost cover depths and water table heights for geographical location

ACO StormBrixx 300 Module

48"x24"x12" [1205x603x307mm (H)]
 7.42cuft [0.21m³] net volume per completed module
 Brick or Cross Bonded (where applicable)
 part# 138462



*All systems must be designed and installed to meet or exceed ACO StormBrixx minimum requirements. Although ACO StormBrixx offers support during the design, review, and construction phases of the module system, it is the ultimate responsibility of the Engineer of Record to design the system in full compliance with all applicable engineering practices, laws, and regulations.

FILL NOTE: Fill immediately surrounding shall meet the gradation and compaction requirements below.

Soils - AASHTO M145 - A-1, A-3, or A-2-4 compacted to 95% Standard Proctor Density

Open-Graded Crushed, Angular Stone - AASHTO M43 - 3, 357, 4, 467, 56, 57 densified until vertical movement of aggregate is not visually observed

2D-300



DATE: 02/22/2024

ISSUE: A

DETENTION - STORMBRIXX 300 TWO LAYERS

INSTALLATION DRAWING - ACO STORMBRIXX 300

ACO, Inc.

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