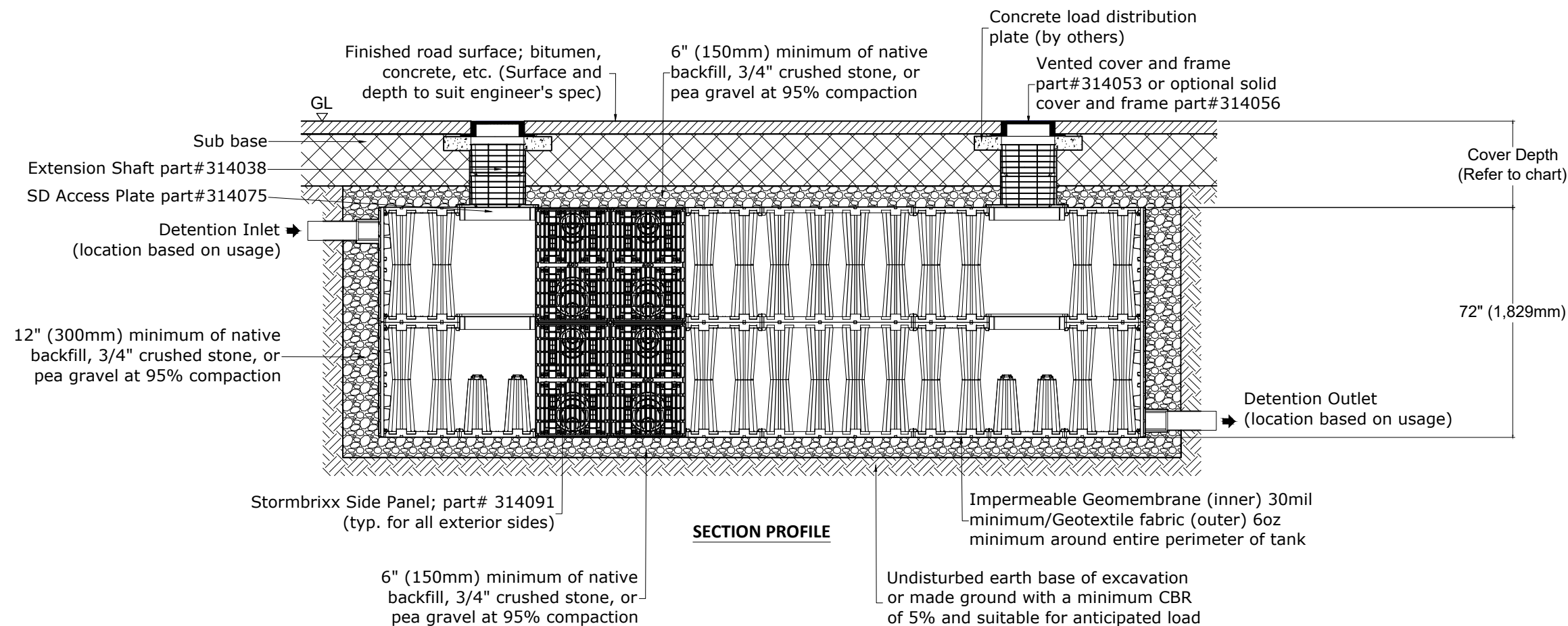


PLAN



SECTION PROFILE

Installation depths of ACO StormBrixx SD

Installation Location	Minimum cover depth ⁽⁴⁾ ft (m)
Non-trafficked areas i.e. landscaping ⁽²⁾	1.65 (0.5)
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-20 loading	Please consult with ACO
Maximum cover depth of ACO StormBrixx SD	6.5 (2)
Maximum depth to invert of ACO StormBrixx SD two layer system	12.56 (3.8)

Notes

(1) Assumes 27 degree load distribution through fill material and overlaying surface asphalt or block paving

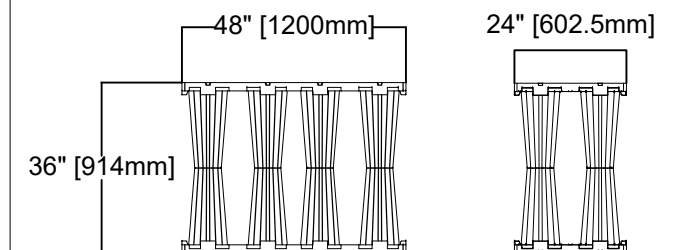
(2) Minimum cover depth to avoid accidental damage from gardening/landscaping work

(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 SD Module

48"x24"x36" [1200x602.5x914mm (H)]
22.54cuft net volume per completed module
Brick or Cross Bonded (where applicable)
part# 314090



*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.

D-SD-2L-DVT



DATE: 07/31/2019

ISSUE: D

DETENTION - STORMBRIXX SD TWO LAYERS WITH ACCESS PLATES

INSTALLATION DRAWING - ACO STORMBRIXX SD

ACO, Inc.

825 W. Beechcraft St
Casa Grande, AZ 85122
Tel: 520-421-9988
Fax: 520-421-9899

9470 Pinecone Drive
Mentor, OH 44060
Tel: 440-639-7230
Fax: 440-639-7235

4211 Pleasant Rd.
Fort Mill, SC 29708
Tel: 440-639-7230
Fax: 803-802-1063