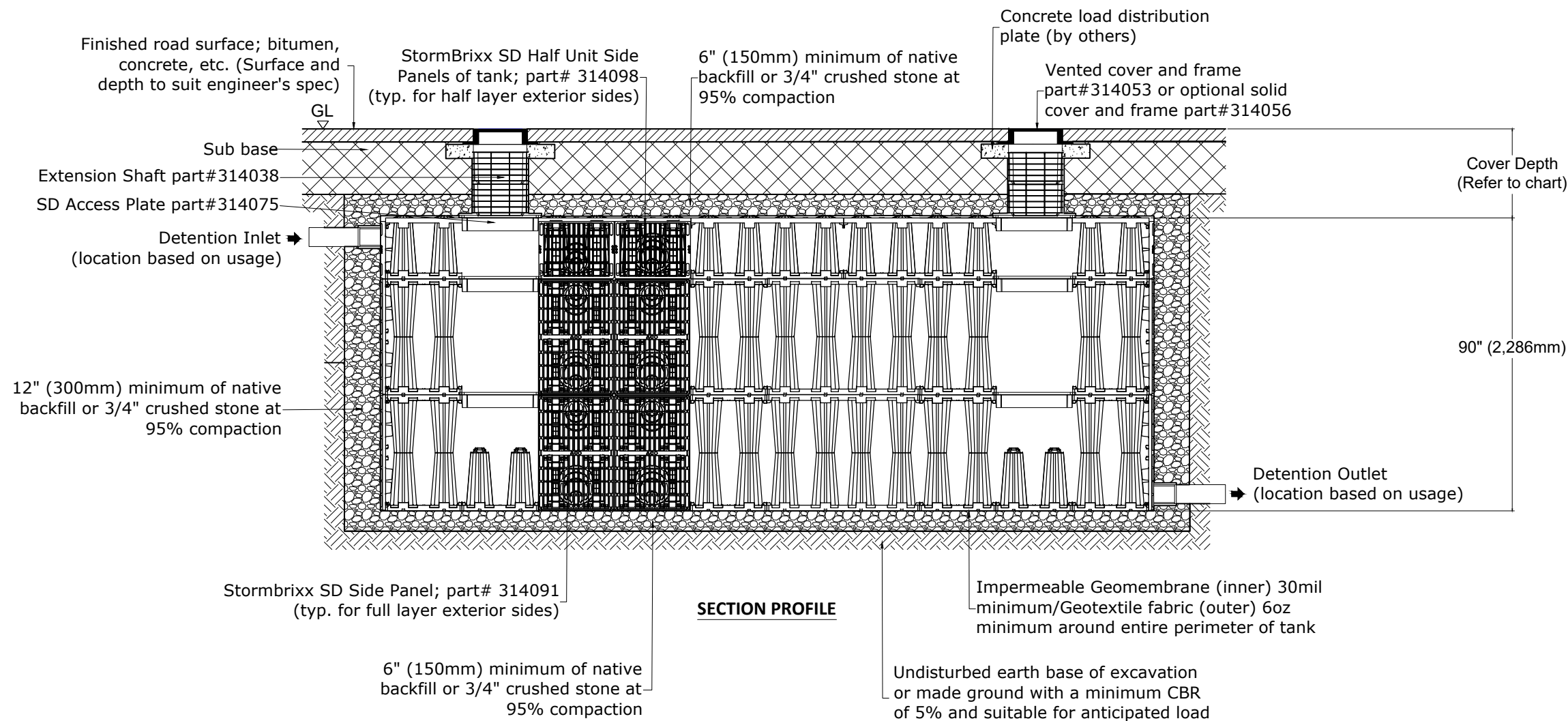


PLAN



SECTION PROFILE

Installation depths of ACO StormBrixx SD

Installation Location	Minimum cover depth <sup>(4)</sup> ft (m)
Non-trafficked areas i.e. landscaping <sup>(2)</sup>	1.65 (0.5)
Parking lots, vehicles up to 5,512lbs gross mass <sup>(1)</sup>	1.8 (0.55)
Parking lots, occasional vehicles greater than 5,512lbs gross mass <sup>(3)</sup>	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 half layer system	14.77 (4.5)

Notes

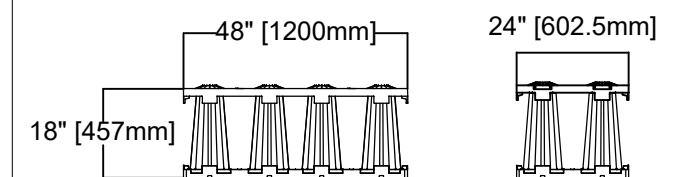
(1) Assumes 27 degree load distribution through fill material and overlaying surface asphalt or block paving

(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 Half Unit Module**  
 48"x24"x18" [1200x602.5x457mm (H)]  
 11.27cuft net volume per module  
 Brick or Cross Bonded (where applicable)  
**Part Numbers:**  
 Tank Body-314090 & Top Cover-314094



\*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-2.5L-DVT



DATE: 08/19/2019

ISSUE: D

DETENTION - STORMBRIXX SD 2.5 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