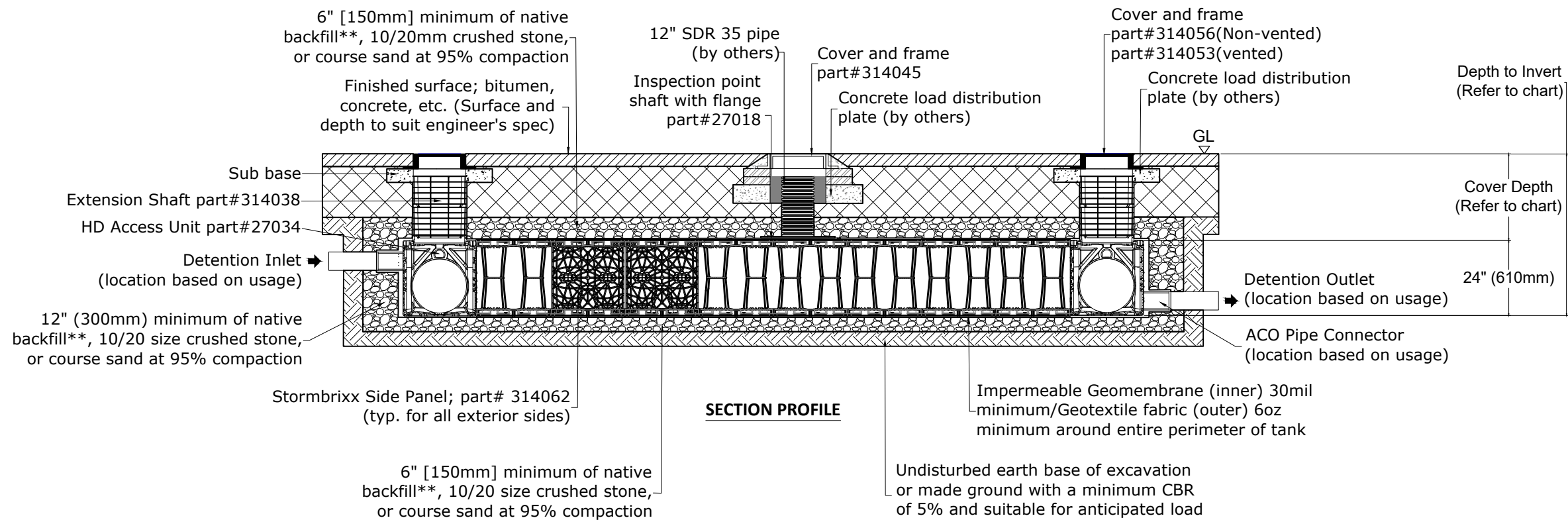


PLAN

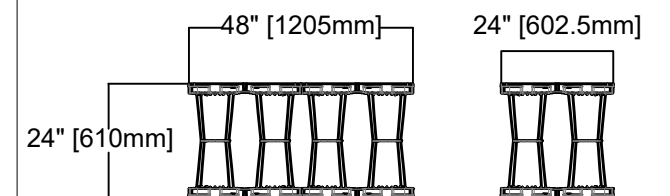


SECTION PROFILE

Installation depths (1) of ACO StormBrixx HD	
Location	Minimum cover depth ft (m) (4)
Non-Trafficked areas i.e. Landscaping (2)	1.64 (0.5)
Car parks, vehicles up to 5512lbs gross mass	1.97 (0.6)
Car parks, occasional vehicles greater than 5512lbs (3) gross mass	2.00 (0.6)
Occasional heavy truck traffic up to HS-20 loading	Please consult with ACO
Maximum depth to invert of ACO StormBrixx HD (5)	19.68ft (6.0m)
Maximum depth of the cover	11.15ft (3.4m)

- (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 Trafficking by refuse collection or similar vehicles (typically one per week)
- (4) Please check minimum frost cover depths for geographical location
- (5) Ground improvement may be required and ground water has not been taken into account

ACO StormBrixx HD Module
 48"x24"x24" [1205x602.5x610mm (H)]
 418L net volume per completed module
 Brick or Cross Bonded (where applicable)
 part# 314061



*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.
 **Native soil must be free of organic material and have minimum angle of friction of 28 degree.

D-HD-1L-DVT

DATE: 09/06/2019

ISSUE: A

DETENTION - STORMBRIXX HD ONE LAYER WITH ACCESS UNITS

INSTALLATION DRAWING - ACO STORMBRIXX HD

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