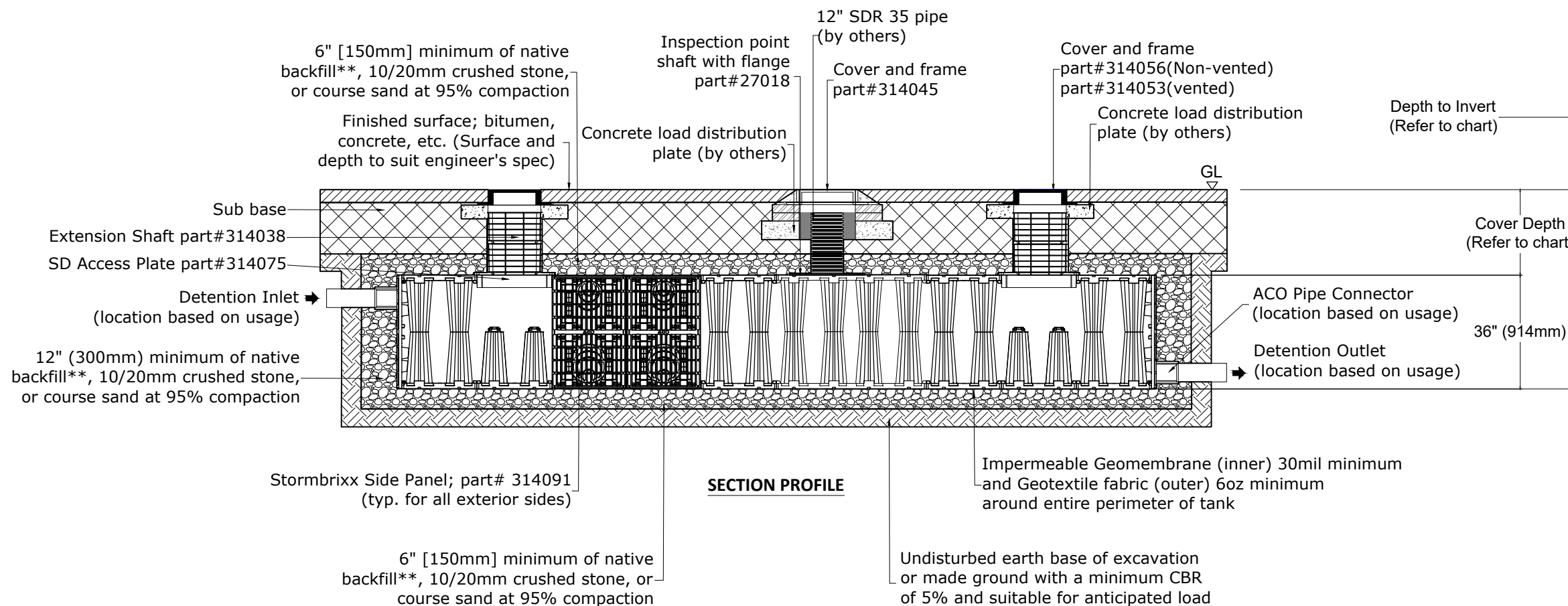


PLAN



SECTION PROFILE

Installation depths (1) of ACO StormBrixx SD

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	2.46 (0.75)
Occasional heavy truck traffic up to HS-20 loading	Please consult with ACO
Maximum depth to invert of ACO StormBrixx SD (5)	14.77ft (4.5m)
Maximum depth of the cover	6.56ft (2m)

(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

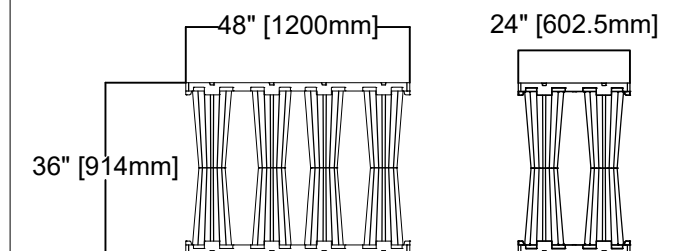
(3) Occasional Trafficking by refuse collection or similar vehicles (typically one per week)

(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 SD Module

48"x24"x36" [1200x602.5x914mm]
638.26L 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.
**Native soil must be free of organic material and have minimum angle of friction of 28 degree.

D-SD-1L-DVT



DATE: 09/05/2019

ISSUE: A

DETENTION - STORMBRIXX SD ONE LAYER WITH ACCESS PLATES

INSTALLATION DRAWING - ACO STORMBRIXX SD

ACO Systems Ltd.

Unit 1, 2880 Brighton Rd
Oakville, ON L6H5S3
Tel: 905-829-0665
Fax: 905-829-2908

#112-1750 Coast Meridian Rd
Port Coquitlam, BC V3C 6R8
Tel: 604-554-0688
Fax: 604-554-0693

info@acocan.ca

WWW.ACOSTORMBRIXX.CA