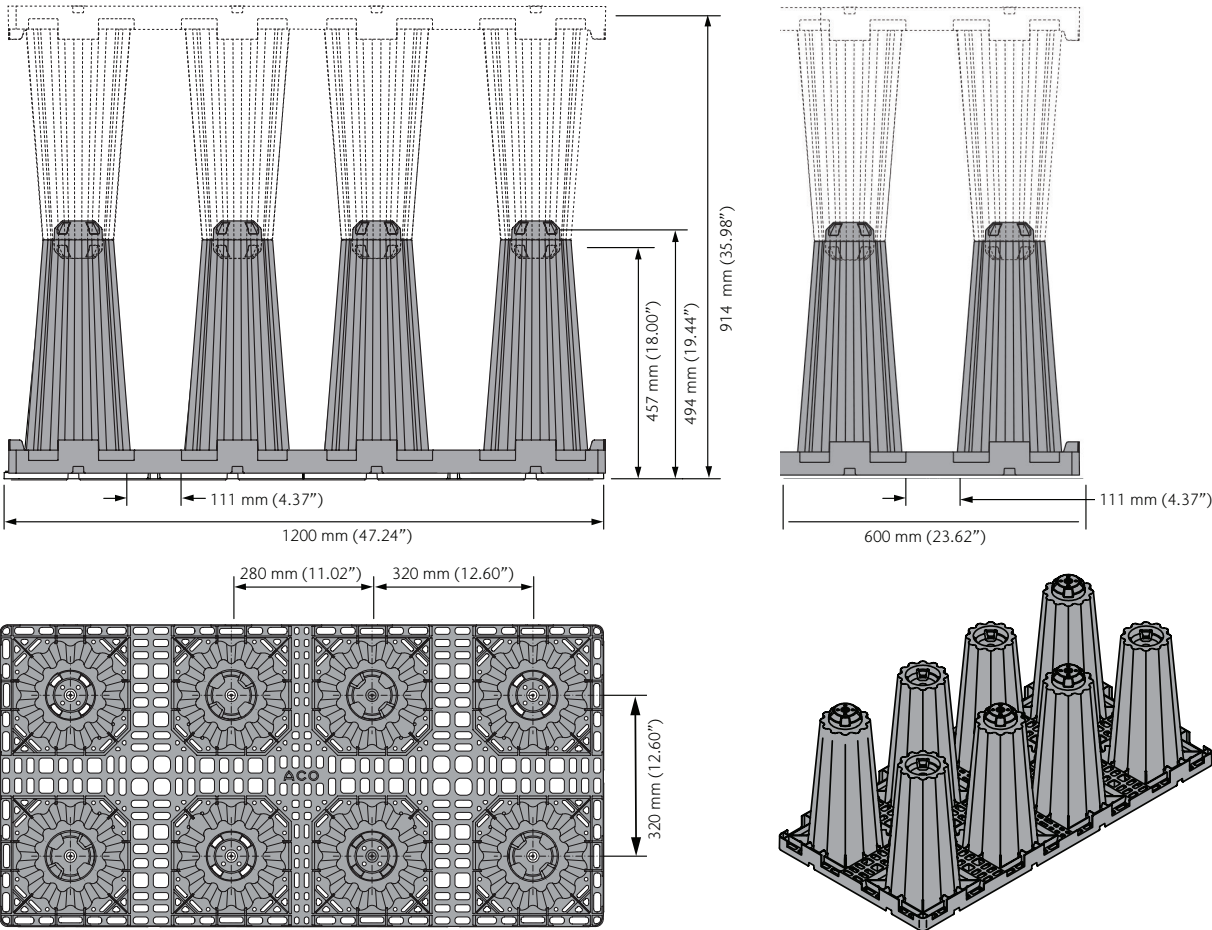
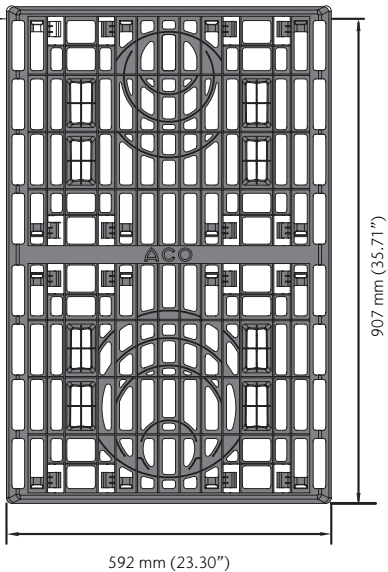


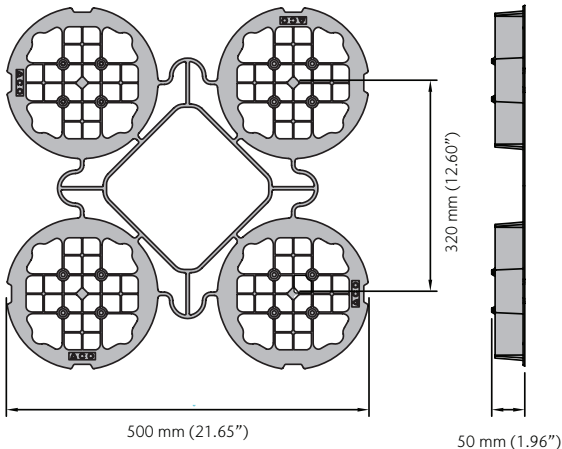
Half module unit



Side panel



Top Cover



ACO Specification Information

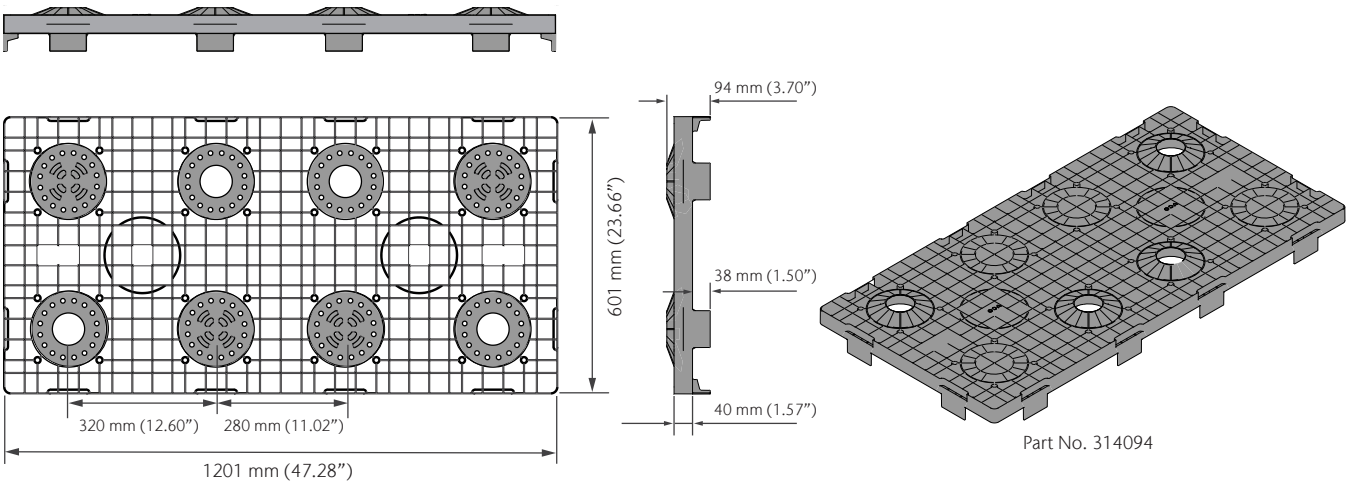


ACO STORMBRIX SD

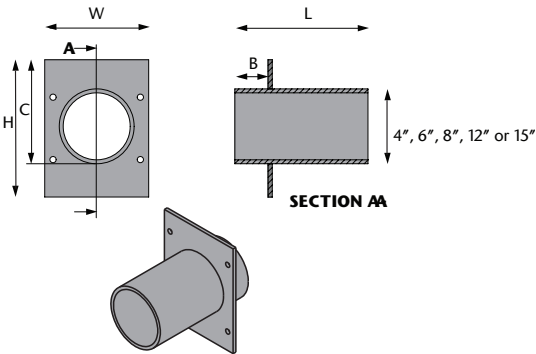
Stormwater Detention/Infiltration/Retention

ACO Specification Information

Half layer top cover plate



Horizontal pipe connectors

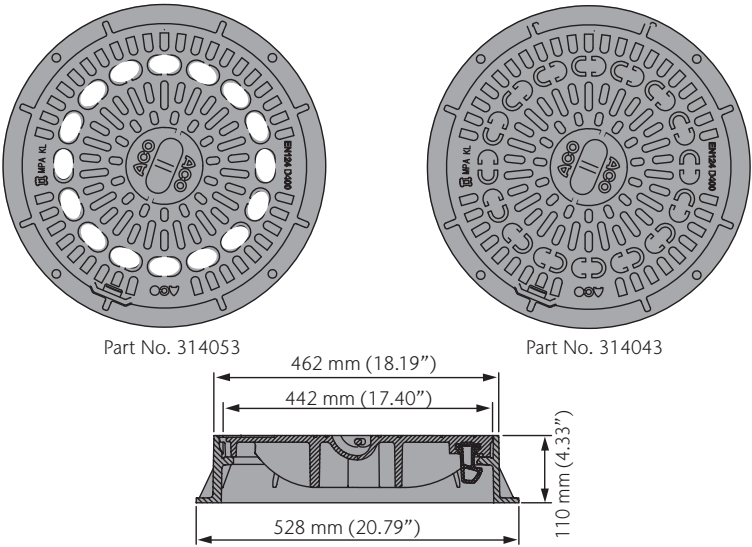


	B	C	H	W	L
	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
SDR35 - 4"	51 (2.00)	186 (7.33)	210 (8.29)	170 (6.70)	203 (8.00)
SDR35 - 6"	51 (2.00)	227 (8.95)	252 (9.93)	259 (10.22)	203 (8.00)
SDR35 - 8"	51 (2.00)	265 (10.46)	289 (11.39)	295 (11.64)	203 (8.00)
SDR35 - 12"	51 (2.00)	342 (13.48)	363 (14.30)	423 (16.66)	203 (8.00)
SDR35 - 15"	51 (2.00)	471 (18.61)	493 (19.44)	551 (21.71)	203 (8.00)

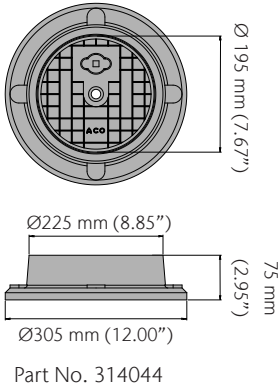
Remote access cover

Vented cover

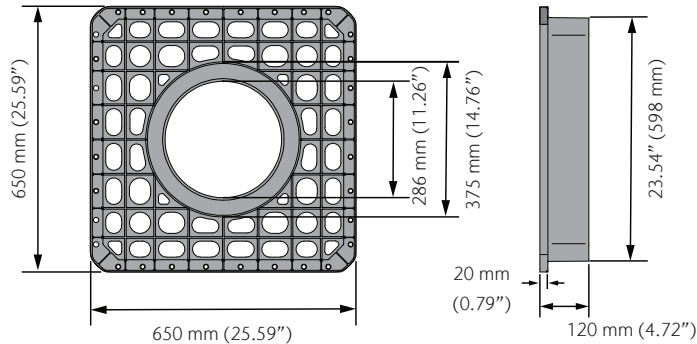
Non vented cover



Inspection point cover and frame

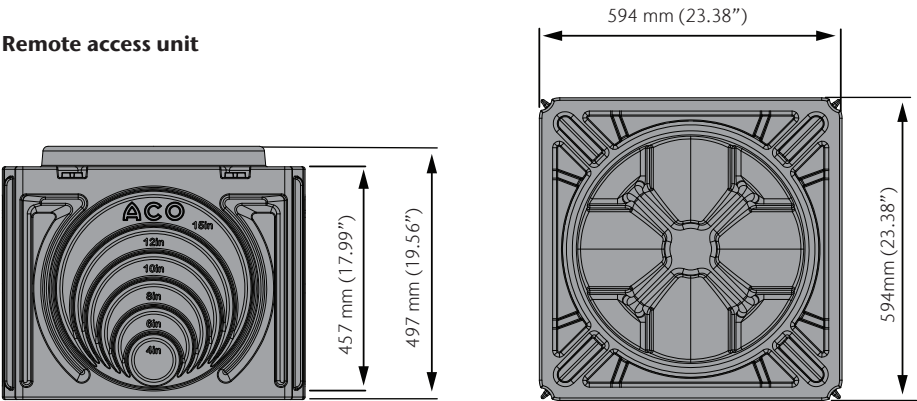


Remote Access Plate



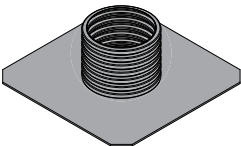
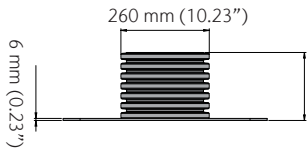
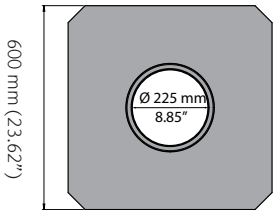
Part no. 314075

Remote access unit



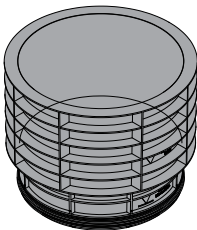
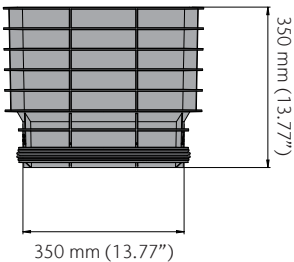
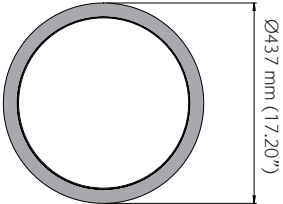
Part no. 138141

Inspection Point Connector



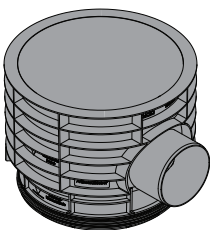
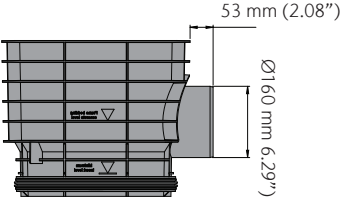
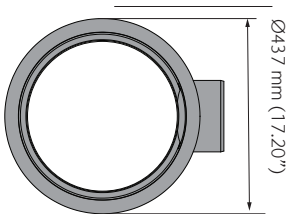
Part no. 27018

Inspection Shaft



Part no. 314038

Inspection Shaft with socket



Part no. 314039

ACO STORMBRIXX SD

Stormwater Detention/Infiltration/Retention

Parts Table	Dimensions			Weight kg (lbs)	Part No.
	Length mm (in)	Width mm (in)	Depth mm (in)		
StormBrixx SD Half-Module	1200 (47.25)	600 (23.63)	494 (19.45)	9.48 (20.9)	314090
StormBrixx SD Side Panel	907 (35.71)	592 (23.31)	104 (4.10)	3.08 (6.8)	314091
StormBrixx SD Half Side Panel	454 (17.85)	592 (23.31)	104 (4.10)	1.54 (3.4)	314098
StormBrixx SD Top Cover	550 (21.66)	550 (21.66)	45 (1.78)	0.77 (1.7)	314092
Half Layer Top Cover Plate	1200 (47.25)	600 (23.63)	40 (1.57)	3.70 (8.2)	314094
Layer connectors	54 (2.11)	44 (1.75)	27 (1.05)	0.10 (0.2)	314093
Remote Access Plate	660 (25.99)	660 (25.99)	120 (4.73)	6.21 (13.7)	314075
Remote Access Cover - Ductile Iron (Load Class D400)	528 (20.79)	528 (20.79)	110 (4.34)	37.9 (83.6)	314043
Remote Access Vented Cover - Ductile Iron (Load Class D400)	528 (20.79)	528 (20.79)	110 (4.34)	37.9 (83.6)	314053
Remote Access Unit	620 (24.41)	594 (23.39)	610 (24.02)	18.18 (40.0)	138141
Inspection Point Ductile Iron Cover (Load Class D 400)	Ø160* (6.30)	Ø160* (6.30)	-	52.0 (114.6)	314044
Inspection Shaft	437 (17.20)	437 (17.20)	-	2.58 (5.7)	314038
Inspection Shaft with Socket	437 (17.20)	437 (17.21)	350 (13.78)	280 (6.17)	314039
Vertical Inspection Point Connector	-	225 (8.86)	200 (7.87)	2.49 (5.5)	27018
Horizontal Pipe Connectors					
SDR35 - 4"		102* (4.00)		0.87 (1.93)	93139
SDR35 - 6"		152* (6.00)		1.49 (3.29)	93140
SDR35 - 8"		203* (8.00)		1.95 (4.31)	93141
SDR35 - 12"		305* (12.00)		3.17 (7.00)	93142
SDR35 - 15"		381* (15.00)		4.89 (10.80)	93144

*Internal width

Specifications

General

The storm water Detention*/Infiltration*/Retention* system shall be ACO Stormbrixx SD as distributed by ACO Systems, Ltd. Meets AASHTO H-20 and HS-20 loading conditions.

Materials

The half module shall be manufactured from polypropylene and have minimum properties as follows:

Tensile impact strength:

319 kJ/m² (152 ft-lb/in²)

Tensile strength, ultimate:

23,994 kpa (3,480 psi)

Water absorption 0.01%

Frost proof, salt proof and fuels and oils resistant

The stormwater tank shall provide an average 97% open area¹, holding up to 0.63 cubic meters (22.53¹ cubic feet) per cell (2 tank bodies assembled) and offer full access to all areas and levels for maintenance.

Geomembranes/Geotextiles

The StormBrixx system shall be wrapped in appropriate permeable geotextile* or impervious geomembrane with geotextile protection* (supplied by others) as indicated by project design engineer.

Accessories

The storm water system shall be used in conjunction with inspection shaft**/access chamber**. See separate Spec Info sheets f and related drawings for further details.

Installation

The StormBrixx storm water system shall be installed in strict accordance with the manufacturer's installation instructions and recommendations.

* Choose one /** Choose none, one or more

¹ Configuration and use of side/top panels will marginally impact these figures

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