BAUDER

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Client:
Project: First Street
Designer: JS

y/r:
o/r: B193311
Date: 02/08/2022

Roof number:	**1**	**2**	**3**	**4**
BSEN12056-3:2000 Rainfall Catagory:	Cat 1	Cat 1	Cat 1	Cat 1
Rainfall Intensity (l/s.sq.m):	**0.018**	**0.018**	**0.018**	**0.018**
Catchment Area:	A1	A2	A3	A4
Roof length (m):	0.00	0.00	0.00	0.00
Roof width (m):	0.00	0.00	0.00	0.00
Effective area (sq.m):	**328.0**	**317.0**	**311.0**	**287.0**
Outlets:				
Outlet type:	Hot Melt Compa	Hot Melt Compa	Hot Melt Compa	Hot Melt Compact Outlet DN100
Diameter (mm):	100	100	100	100
Rectangular (Side 1)(mm):				
Rectangular (Side 2)(mm):				
Weir Length (mm):				
Sump depth (mm):				
Head of water above outlet (mm):	35	35	35	35
Leafguard / strainer:	Integral	Integral	Integral	Integral
Results:				
Required flow rate (l/s):	5.9	5.7	5.6	5.2
Required outlet flow rate (l/s):	5.9	5.7	5.6	5.2
Achieved outlet flow rate (l/s):	6.2	6.2	6.2	6.2
Number of outlets:	**1**	**1**	**1**	**1**
Min downpipe size with taper:	100	100	100	100

Notes: All results to BSEN12056-3:2000 based on input data Please check that input data has been correctly interpreted
Results from CRM Flatflow flat roof drainage evaluator Copyright CRM Rainwater Drainage Consultancy Ltd © 2013
All results based on local roof water depth of 35mm + any sump depth. Ensure outlets are evenly distributed

The Bauder Flat Roof Rainwater Calculation Software will perform calculations in accordance with BS EN 12056-3:2000 based upon provided data relating to a specific building's dimensions geographical location and the flow rate performance of the selected Bauder rainwater outlet product. Whilst the information contained herein is to the best of our knowledge true and accurate we specifically exclude any liability for errors omissions or otherwise arising therefrom. Details practices principles values and calculations should be verified for accuracy and suitability for the required purpose for use. Overflows should be provided on all roofs. A full capacity overflow should be provided when only one outlet on roof area.

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Roof number:	**5**	**6**	**7**	**8**
BSEN12056-3:2000 Rainfall Catagory:	Cat 1	Cat 1	Cat 1	Cat 1
Rainfall Intensity (l/s.sq.m):	**0.018**	**0.018**	**0.018**	**0.018**
Catchment Area:	B1	B2	B3	B4
Roof length (m):	0.00	0.00	0.00	0.00
Roof width (m):	0.00	0.00	0.00	0.00
Effective area (sq.m):	**349.0**	**320.0**	**33.0**	**404.0**
Outlets:				
Outlet type:	Hot Melt Compa	Hot Melt Compa	Hot Melt Compa	Hot Melt Compact Outlet DN100
Diameter (mm):	100	100	100	100
Rectangular (Side 1)(mm):				
Rectangular (Side 2)(mm):				
Weir Length (mm):				
Sump depth (mm):				
Head of water above outlet (mm):	35	35	35	35
Leafguard / strainer:	Integral	Integral	Integral	Integral
Results:				
Required flow rate (l/s):	6.3	5.8	0.6	7.3
Required outlet flow rate (l/s):	3.1	5.8	0.6	3.6
Achieved outlet flow rate (l/s):	6.2	6.2	6.2	6.2
Number of outlets:	**2**	**1**	**1**	**2**
Min downpipe size with taper:	100	100	100	100

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Roof number:	**9**	**10**
BSEN12056-3:2000 Rainfall Catagory:	Cat 1	Cat 1
Rainfall Intensity (l/s.sq.m):	**0.018**	**0.018**
Catchment Area:	B5	D1
Roof length (m):	0.00	0.00
Roof width (m):	0.00	0.00
Effective area (sq.m):	**346.0**	**742.0**
Outlets:		
Outlet type:	Hot Melt Compa	Hot Melt Compact Outlet DN100
Diameter (mm):	100	100
Rectangular (Side 1)(mm):		
Rectangular (Side 2)(mm):		
Weir Length (mm):		
Sump depth (mm):		
Head of water above outlet (mm):	35	35
Leafguard / strainer:	Integral	Integral
Results:		
Required flow rate (l/s):	6.2	13.4
Required outlet flow rate (l/s):	3.1	4.5
Achieved outlet flow rate (l/s):	6.2	6.2
Number of outlets:	**2**	**3**
Min downpipe size with taper:	100	100

Notes: All results to BSEN12056-3:2000 based on input data Please check that input data has been correctly interpreted
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