

ben smith

From: Urding, Tara [REDACTED]
Sent: Wednesday, September 27, 2017 17:19
To: Mark ABMH
Cc: Conway, Michael; Lloyd, John
Subject: Formpave Aquaflow: FSC3933 - 155 Middleton Road, Middleton On Sea, West Sussex
Attachments: FSC3933 - Formpave Aquaflow Design.zip

Dear Mark

Thank you for using the Formpave design service. I attach our Aquaflow plan and section drawings for the above scheme with associated calculations, which are based on the following criteria for your consideration and approval.

Traffic Usage: Medium (cars, occasional delivery trucks)
Storm Return Period: 1 in 100 year plus 40% Climate Change Allowance
Catchment: Parking, roof and access road
System Type: Remote discharge. However I have just noted that you want the Inbitex geotextile on the formation, which isn't a problem.
Infiltration rate: NA
Factor of Safety: 2.0
Discharge rate: 8.5 L/S
Sub-grade strength: 3% soaked CBR at formation (refer BS 7533-13:2009 clause 4.4 Subgrade assessment. Recommends method described in BS1377 to carry out soaked CBR tests)

When completing your engineering design please consider the following:
Depth of Aquaflow pavement when designing foundations.
Lateral pressure from detained water when designing retaining walls.

Please let us know if you would like us to;

Extend our Aquaflow paving system to include any other areas.
Adapt our layout to suit service corridors or duct crossings.

The Aquaflow permeable paving requires haunched edge restraints to all extents to ensure the structural stability of the system. If you decide to make changes to the site layout or want to amend or discuss any of the above or attached information, please feel free to contact us and we can revise the design to suit. Let us know if you would like us to visit your offices to go through our proposals. For any pricing or commercial questions please contact Michael Conway on 07790 932114.

Tara Urding
Project Engineer

Formpave
Tufthorn Avenue
Coleford
Gloucestershire
GL16 6PR

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