Prposed Agricultural Buildings,
Newtown Linford Lane,
Groby,
Leicestershire.

Planning Application : 07/1455/FUL

Stormwater Drainage Calculations

Total Rainwater Collection Area	*Average Rainfall mm/hr*	*Total Volume Of Rainwater/hr*
950 sq m	50mm	47.50 cu m

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It is proposed to construct gravel filled drainage trenches, with a perforated drain laid through the centre, from the new buildings to the culvert outfall positions.
1 cu m of gravel contains 30% voids, capable of accepting water.
To accept 47.50 cu m of rainwater, it will be necessary to construct approx 160 linear metres of gravel filled trenches, with dimensions of 1000 x 1000mm.
These drain runs are indicated in red on drawing C.2961.L.50 and will provide approximately 170 linear metres of drainage.

Thomas Percy Limited
March 3rd 2010.

Replied by email 24/5/10

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