

**NOTES**

1. Heavy duty geocellular diffusers shall be constructed in accordance with the following specifications:
2. Porous asphalt system shall comprise 100mm surface layer and 50mm binder course.
3. Porous asphalt shall be laid over a subbase that consists of bedding sand over compacted gravel aggregate with a 0.075mm grading in accordance with BS EN 12178. All proposed porous asphalt subbase material shall consist of 100% washed natural sand. The subbase material shall be compacted to a minimum density of 98% and free from clay or other deleterious materials.
4. During and after construction the subbase shall be protected to prevent erosion and compaction. The bedding sand shall be compacted to a minimum density of 98%.
5. Municipal governments to be single layer cold applied road seal shall be applied to porous asphalt surface by water spraying to saturate and for 100mm layer and washed surface. To be installed in accordance with the manufacturer's instructions. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible.
6. The proposed porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible.
7. During and after construction the porous asphalt system shall be protected to prevent erosion and compaction. The bedding sand shall be compacted to a minimum density of 98%.
8. The proposed porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible.
9. Proposed gravel and bedding sand and any coping material to be installed in accordance with the manufacturer's instructions. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible.
10. Any soil surface or pockets of soil material in the subgrade shall be removed and replaced with a suitable material. The bedding sand shall be compacted to a minimum density of 98%.
11. The porous pavement design has been based upon the subgrade achieving a minimum CBR value of 7%. For locations where subgrade CBR values are less than 7%, the porous pavement design shall be based upon the subgrade achieving a minimum CBR value of 7%. For locations where subgrade CBR values are less than 7%, the porous pavement design shall be based upon the subgrade achieving a minimum CBR value of 7%.
12. Geocellular (Tensar GSS30 or greater approved) are specified to reduce the permeability of the subgrade to prevent waterlogging of the subgrade.
13. Where appropriate is shown with cover layer that 0.075mm in unclassified sand shall be provided at 100mm depth and more than 50mm shall be in the concrete.
14. Proposed concrete products shall comply with the relevant provisions of BS 5911 and BS 5894.
15. All pipes and pipe fittings shall be HDPE (unlined) and have correct girth.
16. The proposed porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible. The geocellular porous asphalt shall be installed to a depth to contain the majority and waterlogging of the working area shall be avoided to the maximum extent possible.
17. All dimensions are in millimetres unless otherwise stated.
18. Do not scale from the drawing if it should not.

- 120mm Porous Asphalt over 300mm voided subbase
- Impermeable Asphalt over 300mm voided subbase
- +71.30 Indicative Finished Road Level

NOTE: Porous Asphalt option requires that heavy goods vehicles, other than those used for refuse collection, are not permitted to use the car park. The use of vehicle height restrictors is recommended to restrict car park use to private light goods vehicles.

**PRELIMINARY FOR DISCUSSION ONLY**

REV	DESCRIPTION	DATE
A	Increased areas of non-porous surface	26-06-13

Client: **MELTON BOROUGH COUNCIL**  
 Project: **BURTON STREET CAR PARK MELTON MOWBRAY**  
 Drawn by: **DDR**  
 Checked by: **DDR**  
 Date: **26/06/2013**

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Scale: **1:250 @ A1**  
 Date: **26/06/2013**

Drawn by: **DDR**  
 Checked by: **DDR**  
 Date: **26/06/2013**

