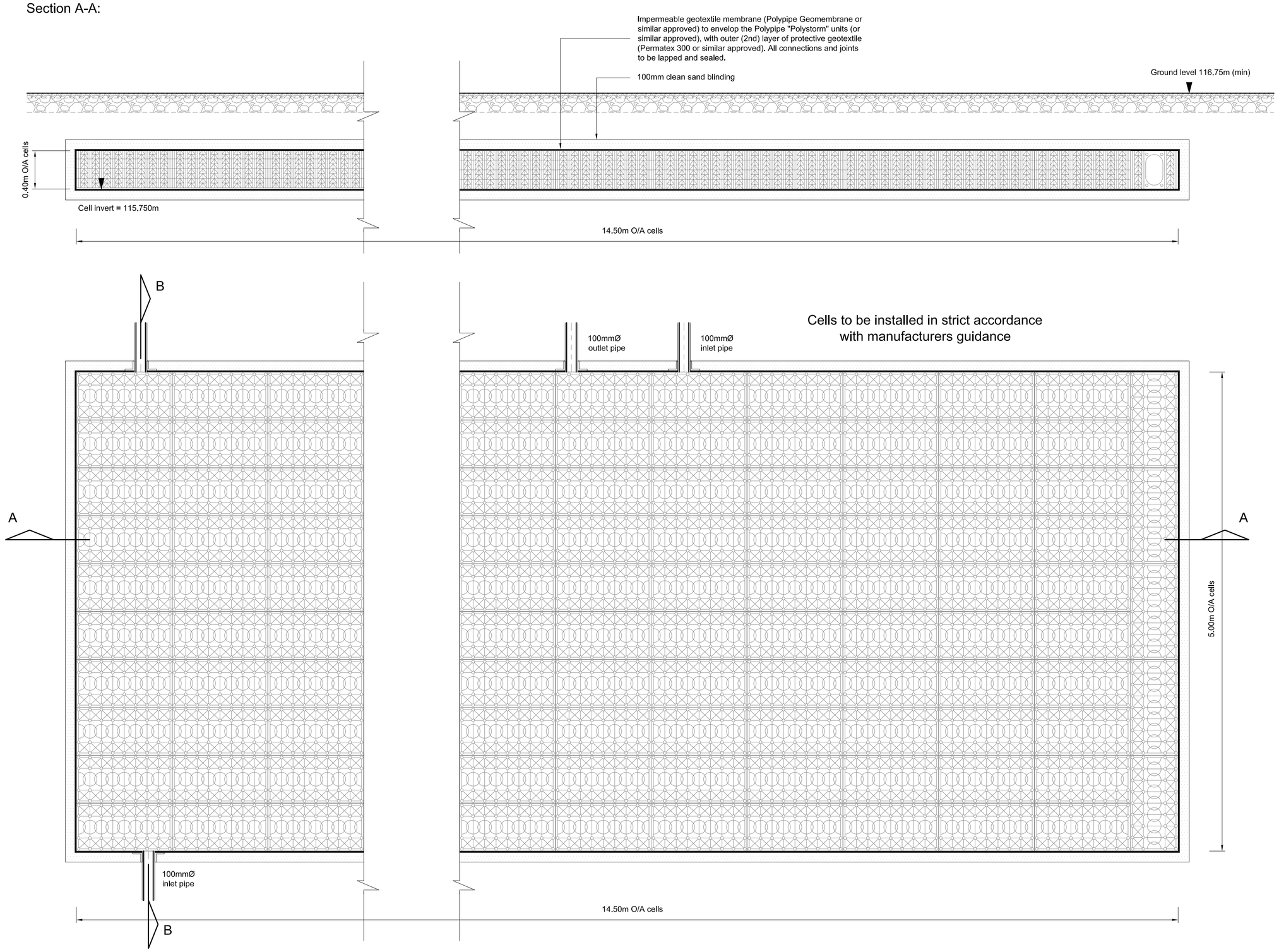
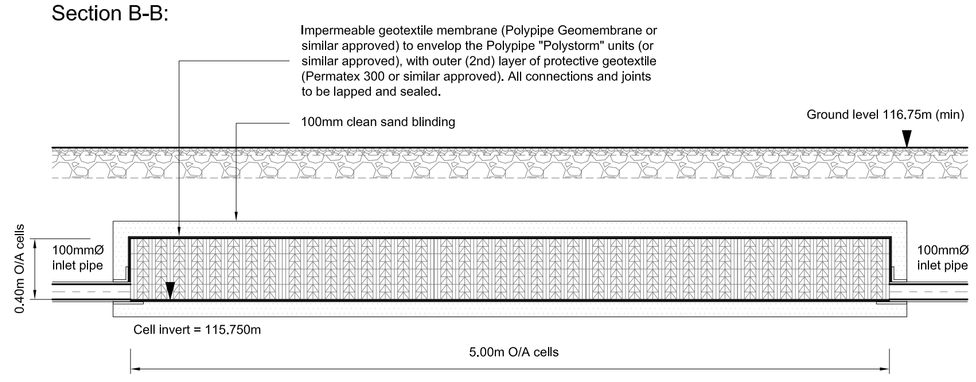
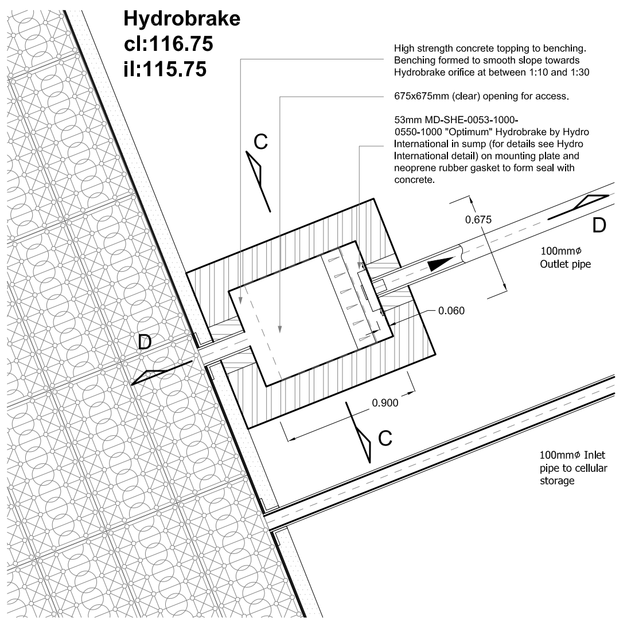
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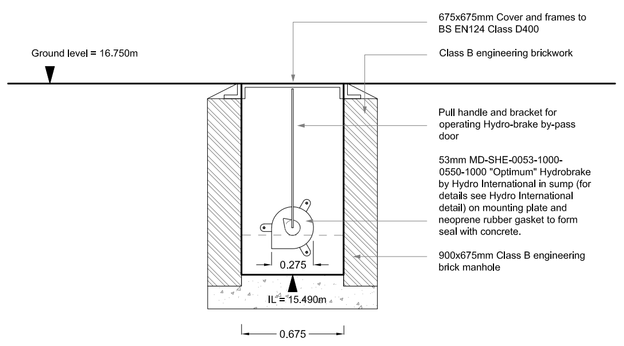
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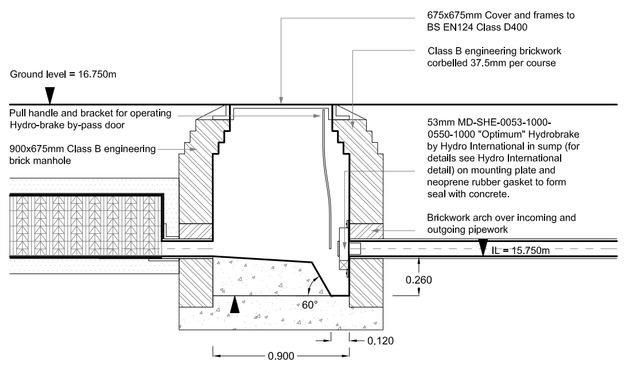
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Section C-C:



Section D-D:



Geotextile specification

Geotextiles for use in drainage systems - to SSG Clause E2.44

Shall comply with BS EN 13252 and the characteristics specified in the design. A declaration of performance for each product used shall be provided for approval prior to installation.

Geotextiles for use in erosion control shall comply with BS EN 13253 and the characteristics specified in the design. A declaration of performance for each product used shall be provided for approval prior to installation.

Geotextiles shall:

a) in both machine and cross-machine directions, sustain a tensile load of not less than 8.0 kN/m at break and have a minimum failure strain of 40% when determined in accordance with BS EN ISO 10319;
b) have a minimum puncture resistance of 1500 N when determined in accordance with BS EN ISO 12236;
c) have a size distribution of pore openings such that it shall have a minimum apparent opening size O_{90} when determined in accordance with BS EN ISO 12956 of 75µm; and
d) allow water to flow through it, in either direction, normal to its principal plane at a rate of not less than that stated in the design under a constant head of water of 100 mm and a maximum breakthrough head of 50 mm when determined in accordance with BS EN ISO 11058.

Geosynthetic barriers for lining ponds and wetlands - to SSG Clause E2.45

Shall comply with BS EN 13361 and the characteristics specified in the design. A declaration of performance for each product used shall be provided for approval prior to installation.
Geosynthetic barriers shall:
a) sustain a tensile load of not less than 25.0 kN/m at break and have a minimum failure strain of 800% when determined in accordance with ASTM D-638;
b) have a minimum puncture resistance of 275 N when determined in accordance with ASTM D-4833;
c) c) have a minimum tear resistance of 100 N when determined in accordance with ASTM D-1004.

Important note:

All construction works to be undertaken in strict accordance with the Construction (Design and Management) Regulations 2015.

REVISIONS

Rev:	Description:	Date:	By:
-	Initial issue.	00.00.00	SCH

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