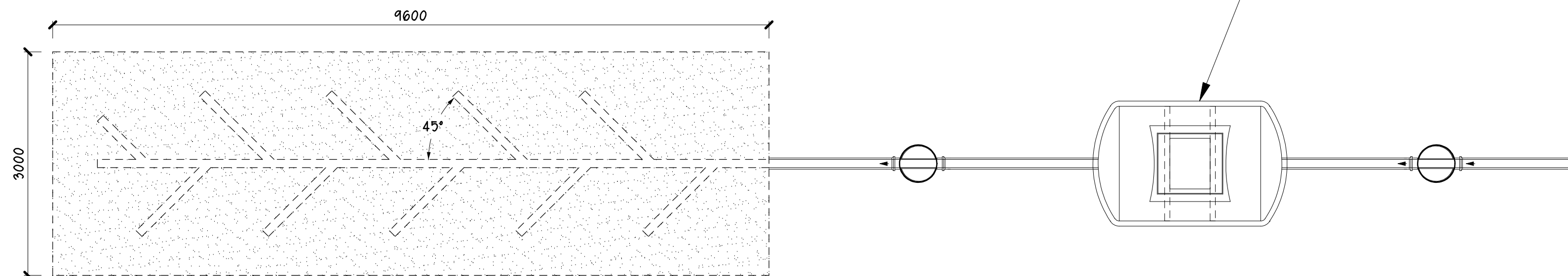


PROPOSED LONGITUDINAL SECTION THRO TREATMENT PLANT & INFILTRATION SYSTEM.



PROPOSED LAYOUT OF TREATMENT PLANT & INFILTRATION SYSTEM.

Marsh Ensign Ultra 8PE Bio Disc
Private Sewage Treatment Plant

Foul effluent from the development is to be discharged to Bio Disc Domestic Sewage Treatment Plant by Marsh Industries Ltd, Ensign Ultra 8PE to accommodate up to 8 persons. Treated discharge from the Treatment Plant is to be discharged to ground by means of a Drainage Field or Infiltration System as shown. Drainage field is to be to dimensions in accordance with the calculations supplied following the undertaking of infiltration testing to a total area of 28.8 square metres.

Treated effluent is to taken by gravity in 110mm ϕ perforated Polypipes laid virtually flat at a gradient of 1 in 200. Pipes are to be bedded in pea gravel and laid with 150mm minimum cover below within a drainage field comprised of 50mm nominal clean stone of a minimum depth of 600mm as indicated. Once completed, stone is to be covered with Teram Geotextile membrane before being covered with 300mm depth of topsoil to reinstate grassed surface at the former level.

Project.	
PROPOSED CONVERSION of COMMERCIAL BUILDING to TWO DWELLINGS at BRYN-YR-EOS CHAPEL, WHITEHURST, CHIRK, LL14 5AS.	
Client.	
Ms L. WRIGLEY.	
Title.	
PROPOSED FOUL DRAINAGE INFILTRATION SYSTEM.	
Drawing No.	
10588.06.dsj	
Date.	Scale.
June 2024.	1:50@A2.
D.S. Jones & Co.	
Architectural & Planning Consultants. The Studio, 26, Prospect Drive, Coedpoeth, Wrexham, LL11 3PE. Tel : 01978 750195 / 07880 874522. E : dsjonesandco@live.co.uk	