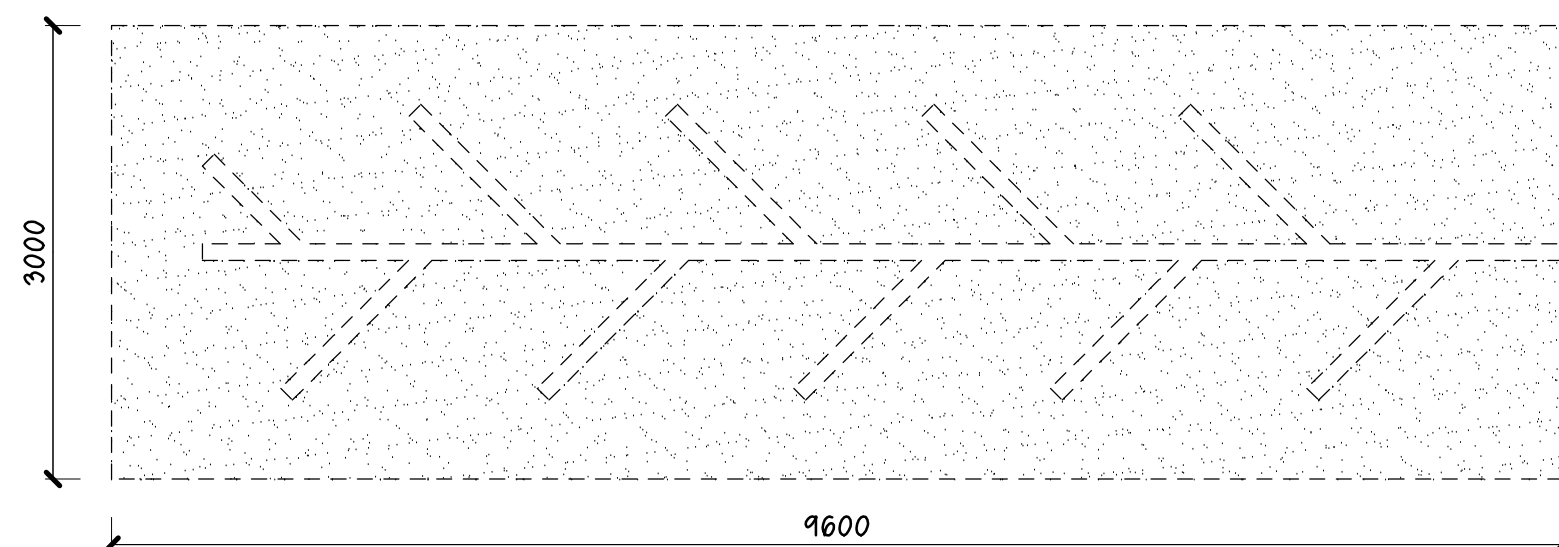


PROPOSED LONGITUDINAL SECTION THRO TREATMENT PLANT & INFILTRATION SYSTEM.

Klargester Bio Disc
Sewage Treatment Plant



PROPOSED LAYOUT OPF TREATMENT PLANT & INFILTRATION SYSTEM.

Foul effluent from the new dwelling is to be discharged to Bio Disc Sewage Treatment Plant by Klargester or similar approved, 6 person / single dwelling tank Type BA. 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 measure at least 9.6m x 3.0m or 28.8m² subject to infiltration testing and calculations to be supplied. Treated effluent is to be taken by gravity in 110mm $\varnothing$ 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 Geotextil membrane before being covered with 300mm depth of topsoil to reinstate grassed surface at the former level.

Project.	
PROPOSED CONVERSION of BARN to DWELLING at MULSFORD FARM, MULSFORD, SARN, MALPAS, SY14 7LP.	
Client.	
Mr & Mrs N. VICKERS.	
Title.	
PROPOSED FOUL DRAINAGE INFILTRATION SYSTEM.	
Drawing No.	
10487.05.dsj	
Date.	Scale.
June 2022.	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	