

Moss Edge Farm, Hollin Brigg, Holmbridge, HD9 2SD

Foul Drainage Assessment

Main Connection

Why is a connection to the main sewer impractical ? The existing farm is located in an isolated area and currently uses a septic tank for the foul drainage. The nearest mains connection is approximately 700m away and therefore impractical to provide a foul sewer connection. A septic tank is proposed to the development. – Refer to drawing 227-24-PL102.

Ground Conditions

The existing farm is surrounded by fields owned by the applicant, where the existing farmhouse is perched on the hill of Moss Edge at the top of Holmbridge. Percolation tests have not been conducted, as the farm currently has a septic tank and drainage field. The existing tank is to be replaced and re-positioned away from the proposed dwelling although the current drainage field will be re-used.

Proposed Septic Tank

Klargester Alpha Septic Tank – Ref STS04610



| Model Reference | Volume (l) | No. of People | Overall Diameter (mm) | Height (mm) | Standard Inlet Invert (mm) | Standard Outlet Invert (mm) |
|-----------------|------------|---------------|-----------------------|-------------|----------------------------|-----------------------------|
| STS02810        | 2800       | 5             | 2075                  | 2599/3099   | 1000/1500                  | 1050/1550                   |
| STS03810        | 3800       | 12            | 2075                  | 2830/3310   | 1000/1500                  | 1050/1550                   |
| STS04610        | 4600       | 17            | 2084                  | 2984/3484   | 1000/1500                  | 1050/1550                   |