



- Notes:
1. The Contractor should check all heights, sizes and dimensions on site before works commence and any errors should be reported to Woodsyde Developments Limited.
 2. Figured dimensions shall take preference to scaling, with any errors reported to Woodsyde Developments Ltd.
 3. The finished levels shall be finalized and agreed with the Architect prior to commencement of works on-site.
 4. All driveways and parking spaces to be provided with a permeable stone finish.
 5. The size of the sewage treatment packages have been calculated in accordance with Flows and Loads 4 and based on the following figures:
1 bed - 3 person
3 bed - 5 person
4 bed - 6 person
- The WPL DMS2 Sewage Treatment Plant or similar approved shall be installed strictly in accordance with manufacturers recommendations. Size 1.74m diameter.
6. The proposed soakaway to the sewage treatment plant shall be a closed loop of 110mm rigid perforated drain and laid in trenches on top of min 300mm of 20-50mm size gravel. The soakaway trenches shall be lined and surrounded in a terram membrane or similar.
 7. A sampling chamber shall be installed between the treatment plant and the soakaway drainfield. The soakaway drainfield for the dwellings shall be provided in accordance with Building Regulations Part H (Vp from site assessment: 28).
Trench Area: A = 3 x 28 x 0.25 = 21sq.m (3 persons)
Trench Area: A = 5 x 28 x 0.25 = 35sq.m (5 persons)
Trench Area: A = 6 x 28 x 0.25 = 42sq.m (6 persons)
(p = no. of persons, Vp = percolation value).
 8. All foul water drainage will be 100mmØ unless otherwise stated.
 9. All proposed surface water drainage will be 100mmØ unless otherwise stated
 10. The domestic foul water drainage to be a minimum gradient of 1:80 unless otherwise stated
 11. The domestic surface water drainage to be laid at a minimum gradient of 1:80.
 12. The existing barns drain to an existing 225mm diameter surface water drain to the west of the site and this will remain as existing.
 13. Site porosity tests have been carried out in accordance with Digest 365 and these indicate that the site has satisfactory porosity for the use of soakaways. Further porosity tests should be undertaken prior to construction to confirm final designs. Trial holes were excavated to a depth of approximately 3.0m and no groundwater was encountered.
 14. The surface water drainage soakaways shall be constructed using a Modular Crate Arrangement. The surface water soakaways shall be laid and surrounded by a terram membrane or similar. The soakaway has been designed for a 1 in 100 year event + 40% climate change.
 15. All manholes prior to entering a soakaway is to be provided as a catchpit with a minimum 500mm sump to collect all silts and deleterious material.

Rev C: Drainage Amended KG 14.06.23
Rev B: Drainage Amended KG 21.11.22
Rev A: Amended Site Layout AG 02.09.22

Woodsyde Developments Ltd

Project:
Proposed Development at Stormer Hall Barns,
Leintwardine, Herefordshire.

Client:

Mr G Harrison

Drawing Title:

General Arrangements Plan

Scale:

1:250 @ A2

Date:

July 2022

Drawing No:

SH-GA-100 Rev C

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