Note:

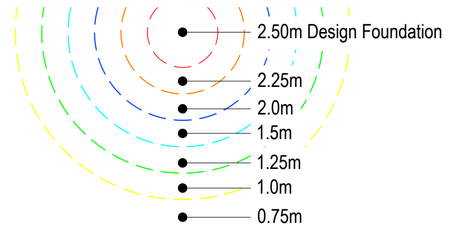
1. Site investigation information has been taken from Integral Geotechnique SI Report Ref: 14439/JM/25/SI.
2. Type 1 Foundations:
   Foundations to be 300mm Min. depth, Grade C12/15 mass concrete (C28/35 & reinforced with B785 mesh T & B if crossing bearing strata at formation level). TOC levels are calculated based on Min. 825mm from FFL (or lower to suit underbuild). Foundations BOC to be Min. 900mm below proposed ground level, 200mm into bearing strata. Assumed Min. 750mm below Ex. ground level for low plasticity & 300mm Min. from TOC levels & lower where tree heave calculation dictates. BOC will increase in areas where trial pit information has indicated a lower bearing strata is required.
3. Note BOC levels have been established from available Geotechnical information. It is likely that there will be variations to the founding levels proposed, due to natural variations in the level of the founding strata. Where this occurs ensure the BOC level penetrates 200mm into the Glaciofluvial Superficial Deposits strata as noted in the SI for Type 1 foundations.
4. Glaciofluvial Superficial Deposits strata has an allowable bearing pressure of 100kN/m² as recommended in the ground investigation report.
5. Site investigation notes that selected site won material is acceptable to be re-used as backfill, subject to Geotechnical engineer approval.

## Legend:

Foundation Type 1 (Grade C12/15)
Mass concrete strip/trench foundation to bearing strata.
FGL to BOC < 2.5m

750RW — Indicates retaining wall & height required. Mass concrete retaining wall base to bearing strata. (To be reviewed).

Denotes tree .
Tree influence based on low shrinkage soil potential, refer to below for Min. depth of foundations from existing ground level.



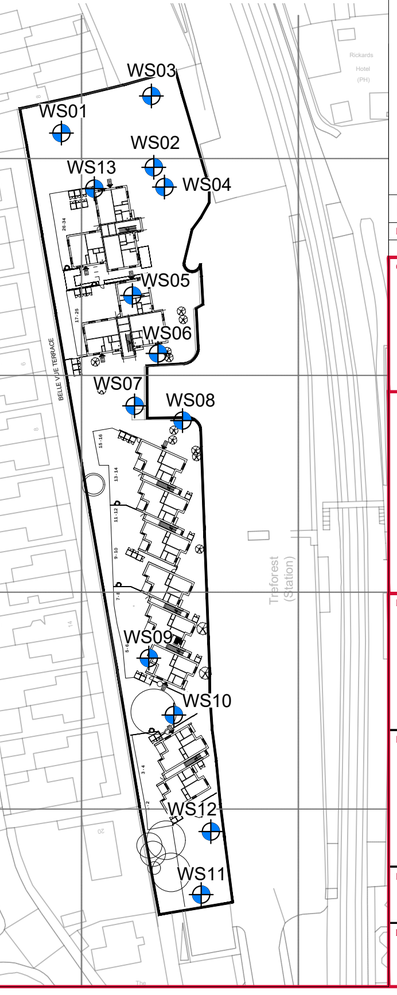

Note:

1. This drawing must be checked against the latest engineering layout & Architects drawings to confirm:-
   a) Slab level & extent/amount of underbuild & tanking.
   b) Plot handing prior to foundation excavation
2. Any discrepancies or queries then inform & consult PHG Consulting before proceeding.
3. For wall construction, DPC, cavity trays, insulation, DPM refer to Trivallis & the Architects specification & details.
4. When working in excavations:-
   a) Sides & ends of trenches to be prevented from collapse by battering to a safe angle or supporting them with proprietary support system, trench sheets or timber.
   b) Suitable edge protection to be provided to prevent persons or material falling into the excavation.
   c) Avoid surcharge close to trench edge.
   d) Suitable means of access & egress to be provided.
   e) Never work alone or ahead of the trench support.

Full radon protection required.

Retaining wall construction to be reviewed and agreed prior to construction due to their height and close proximity to adjacent properties. Retaining wall specialist may need to be consulted to determine the most cost effective & feasible solution.

WS01 - Indicates location and number of Window Sample




Site Plan
(Scale 1:1000)

| Rev. | Date. | Details. | By. | Chk. |
|---|---|---|---|---|
| P1 | 10/11/26 | Preliminary Issue. | BM | AA |

Amendments

Client:

Trivallis.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Project:

**The Sidings**
**Treforest**

Drawing title:

**Foundation Assessment Plan**

| Drawn: | Chk: | Status: | Scale at A1: |
|---|---|---|---|
| BM | AA | PRELIMINARY | 1:250 |

| Date: | Job no. | Drg. no. | Rev. |
|---|---|---|---|
| 10.11.26 | 2795 | 001 | P1 |