

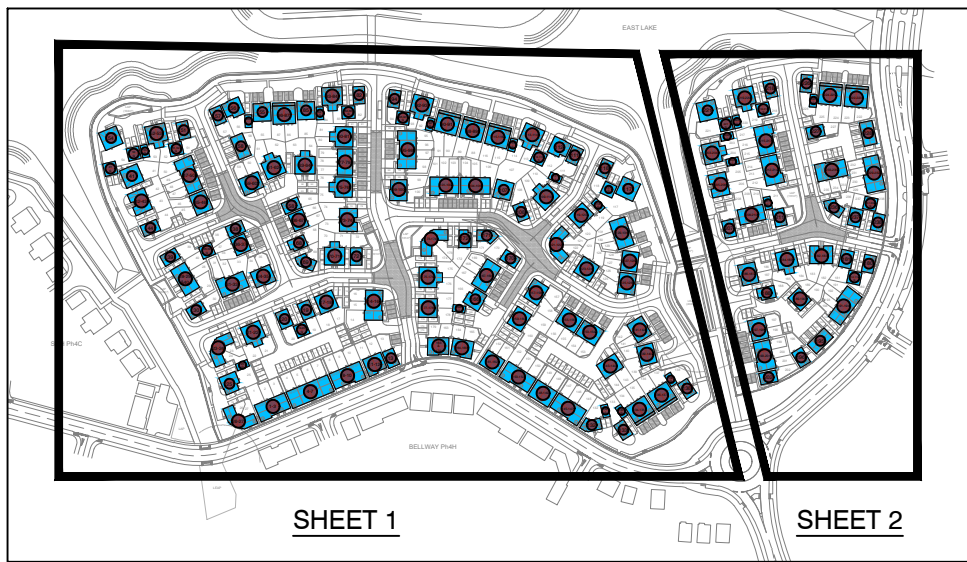
KEY LEGEND:

 - PILED FOUNDATION

 - PLOT NUMBER

Based on the findings of the site investigation report it is recommended that piled foundations could be used across the site.

In accordance with the NHBC, this range of modified plasticity indices indicates that the deposits are of **MEDIUM** volume change potential



NOTE:
ABEYANCE - SITE INVESTIGATION TO BE PROVIDED

GENERAL REQUIREMENTS

1. All structural drawings are to be read in conjunction with all other current drawings and specifications.
2. Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
3. All dimensions are in millimetres. all levels are in metres, U.N.O..
4. Do not scale from this drawing - use figured dimensions only.
5. Throughout the following, reference to British Standards shall be deemed to include reference to equivalent European standards where such exist.

HOUSING FOUNDATIONS

1. Prior to excavation care must be taken to locate and clearly mark all existing services which may remain under the new building. all compaction to be carried out in accordance with the D.O.T. specification.
2. Any soft spots to be removed and back-filled with GEN1 concrete if under foundations or retaining walls.
3. All work is to be carried out in full accordance with specifications and N.H.B.C. requirement. All foundation design & ground work to be carried out in accordance with the site investigation report.
4. No responsibility will be taken for any construction work undertaken prior to the receipt of technical approvals for the intended construction, or when work is not executed strictly in accordance with the drawings.
5. All reinforced concrete works to be in accordance with B.S.8110 for materials, workmanship & tolerances. reinforcement shall be in accordance with B.S.8666:2005
6. Concrete Grade/Specification to be TBC to suit ACEC Class TBC and DC Class TBC in accordance with B.S.8500.
7. Except where otherwise shown on the drawing, concrete cover to all reinforcement to be 50mm.
8. The position of construction joints and pouring sequence shall be to the engineers approval and agreed prior to construction.
9. Unless shown otherwise all surfaces to construction joints shall be roughened without disturbing the coarse aggregate particles.
10. Position of all DPC'S / tanking & insulation to be confirmed by architect.
11. Imported sub base to be well graded granular material, DTP Type 2 Or similar laid and compacted in compliance with the specification for highway works.
12. All block work below ground level to be 7.3N/mm² Dense concrete blocks in Class M6 mortar.
13. Gas protection - NO RADON PROTECTION REQUIRED
14. All foundation depths outside of tree effected areas should be taken from typical section through walls identified by foundation width.
15. Foundation depths shown on sections as "MIN. 900" are the minimum depth below external finished level in accordance with N.H.B.C.
16. Foundations should be placed at least 200mm within suitable founding strata. such foundations may be designed to a net allowable bearing capacity of 100kN/m².
17. All foundations in clay soils must be taken down below the trees root system even if roots are deeper than the anticipated scheduled depths see Chapter 4.2.
18. Heave precautions, where foundations are deeper than 1.5m below existing ground level, all heave precautions to be in accordance with N.H.B.C. Standards.



WORKING IN EXCAVATIONS

- SIDES AND ENDS OF TRENCHES TO BE PREVENTED FROM COLLAPSE BY BATTERING TO A SAFE ANGLE OR SUPPORTING THEM WITH PROPRIETARY SUPPORT SYSTEMS, TRENCH SHEETS OR TIMBER.
- SUITABLE EDGE PROTECTION TO BE PROVIDED TO PREVENT PERSONS OR MATERIALS FALLING INTO EXCAVATION.
- AVOID SURCHARGE CLOSE TO TRENCH EDGE.
- SUITABLE MEANS OF ACCESS AND EGRESS TO BE PROVIDED.
- LOCATE EXISTING SERVICES IN THE VICINITY OF & ABOVE THE LINE OF EXCAVATION.
- NEVER WORK ALONE OR AHEAD OF THE TRENCH SUPPORT.

Rev	Date	Description	By
Dimensions to be verified on site. This drawing should not be scaled. Use figured dimensions only. Any discrepancies should be referred to the Engineer prior to work being put in hand. This drawing is copyright			
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Client 			
Project LLANWERN 4E & 4G			
Title FOUNDATION ZONING PLAN (SHEET 1 OF 2)			
Drawing Status ENQUIRY			
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