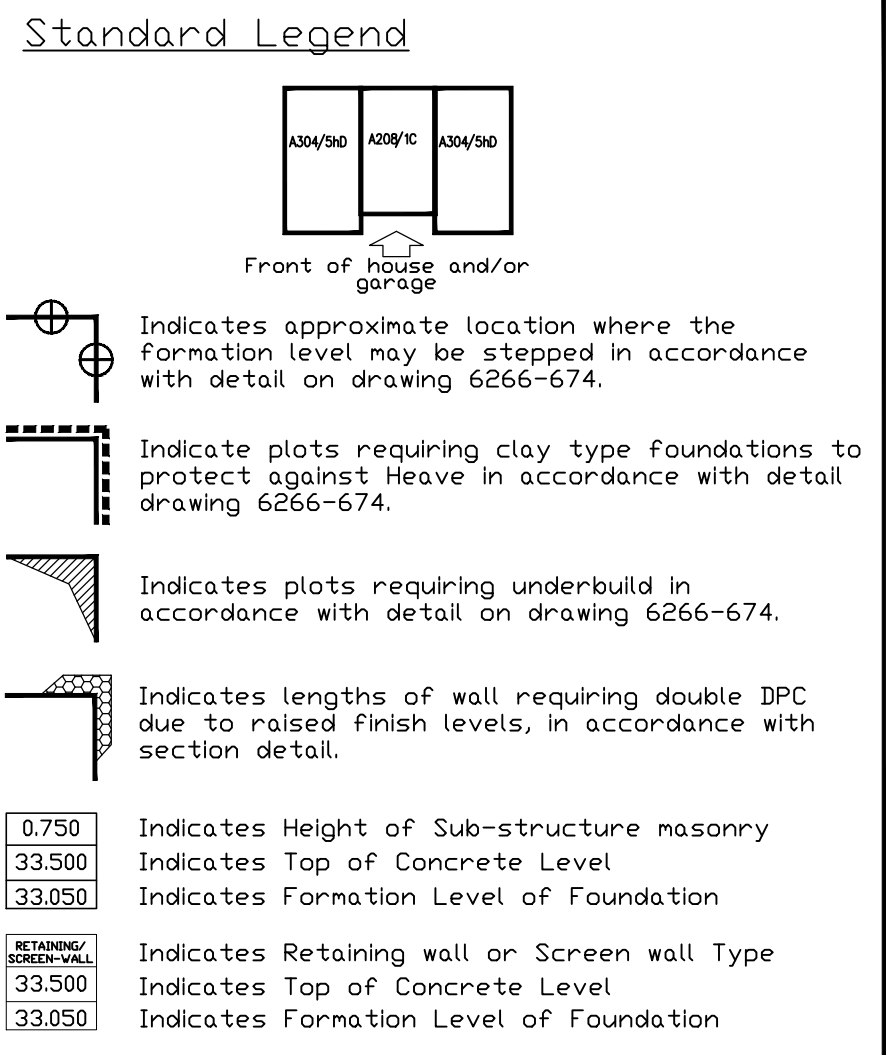




NOTE

To avoid the need for tanking between adjoining plots where steps occur, the ground beneath the higher plot is to be graded so that it is a minimum of 250mm below the soffit of the suspended floor of the lower plot.

The diagram shows a cross-section of two adjacent plots. On the left, a vertical wall sits on a foundation. On the right, another vertical wall sits on a lower foundation. The ground between the two walls is sloped downwards from left to right. A horizontal line represents the soffit of a suspended floor in the lower plot. A dimension line on the right indicates a vertical clearance of 250mm between the sloped ground surface and the floor soffit.

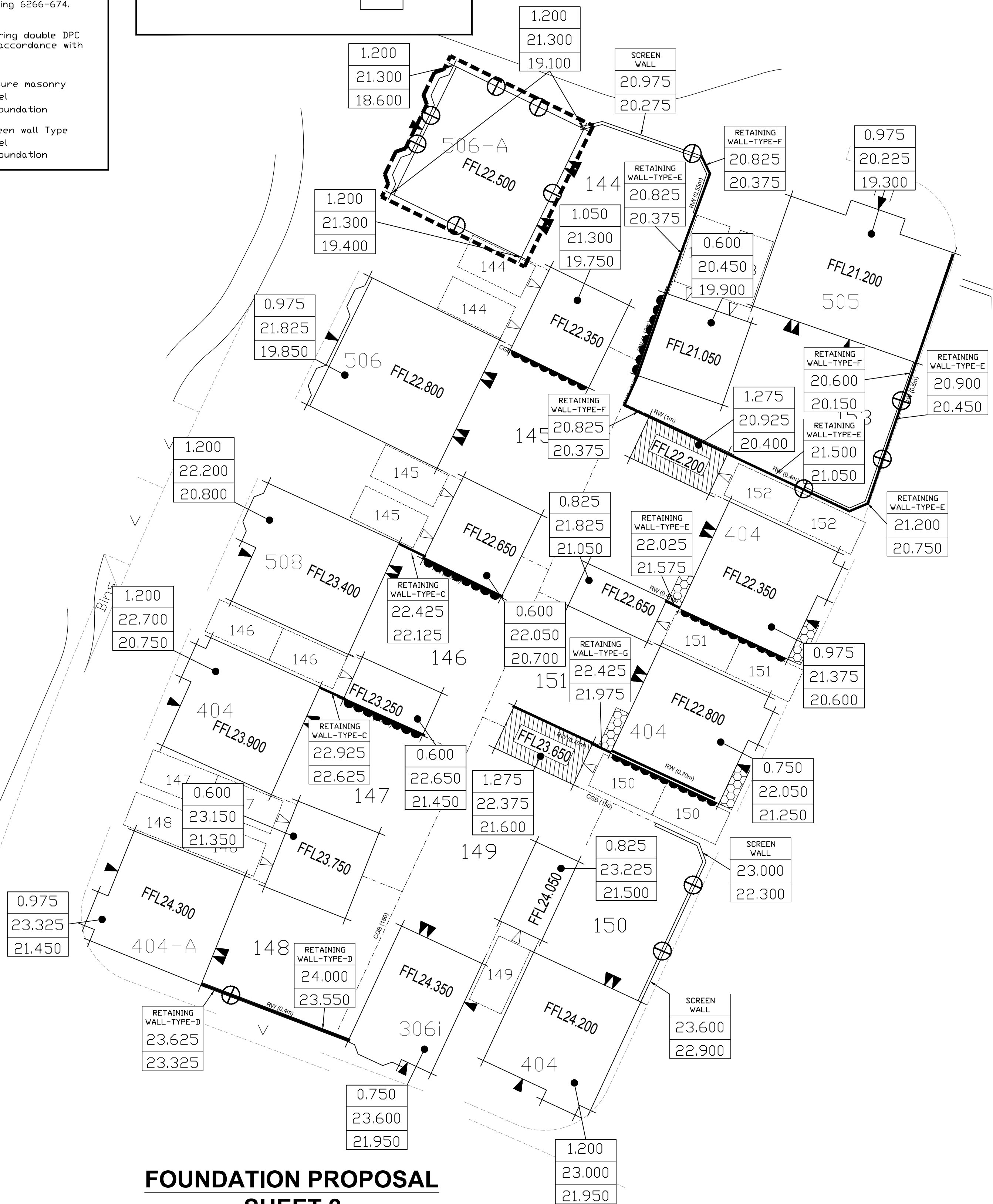
**Foundation depths designed to
NHBC chapter 4.2 - 2016.
Shrinkable soils 4.2.7
(Medium Plasticity)
No new planting taken into
consideration, minimum foundation
depths based on Table 4: Column B.**

**Proposed planting to be designed to
Table's 5 & 6 Column B.
Shrubs to be maximum 1.8m High.**

For foundation layouts refer to Architect's drawings.

For ground floor layouts and details refer to suppliers drawings.

PLEASE NOTE:
Retaining walls are in abeyance.



FOUNDATION PROPOSAL
SHEET 2
PLOTS 144-153

NOTES

1. This drawing is to be read in conjunction with all relevant Architects, Engineering, and specialist drawings and specifications.
2. For slab levels refer to the engineering drawing. Depth of fill assumes that the plot will be stripped of topsoil (set back) to a engineered re-grade level before dig commences.
3. Anticipated ground conditions:
Mixture of Sand and Clay
4. Assumed allowable safe bearing capacity of 100 kN/m^2
5. Medium plasticity unless noted otherwise
Please refer to Site investigation report.
- Strip Foundations...
6. Strip / French foundations bearing into the natural ground encountered on site.
Formation level & top of concrete specified on plan.
Foundations to be made of GEN 3 concrete.
Foundation widths:
 - 600mm wide for external walls
 - 450mm for internal walls and garages
 - 750mm wide for two storey party walls
 - 900mm wide for three storey party walls (unless noted otherwise on plan)
7. The design Sulphate Class is DS-2.
The ACPC site classification is AC-2.
8. The contractor is responsible to ensure that the foundations are protected at all times, prior to placement of concrete.
9. All Ground floor slabs to houses to be Forerra Jetfloor.
10. The structural engineer must be informed if tree roots are encountered at or near proposed formation level.
11. Foundation strata to be consistent for each plot. Engineer to be notified otherwise
12. Masonry boundary walls are to be constructed in accordance with the Architects details. Foundation width to be 450mm wide minimum and the depths are has indicated on this drawing. The Foundations are to be reinforced with one layer of B765 Mesh Fabric and level in the Foundation depth. Refer to drawings BDRG-674 & BDRG-675 to Screen Wall Details.
13. Tanking to be design by specialist and installed in compliance with NHBC Chapter 5.4 guidance.
14. Refer to drawings:
BDRG/674 for standard foundation details
BDRG/675 for retaining wall details
- Pile & Ground Beam
15. Refer to Barter Hill Partnership general arrangement drawings / Details & reinforcement.
Drawing numbers listed on plan.

- STRUCTURAL LAYOUTS SHOULD BE USED FOR
 - House foundation types
 - House foundation depths
 - Floor slab types
- STRUCTURAL LAYOUTS SHOULD NOT BE USED FOR
 - Slab levels and regrade
 - Fencing and drive positions or materials
 - Housetypes and positions

B	19.02.18	Updated in accordance with Civil Information.	LRM
A	12.01.18	Preliminary Issue.	LRM
Rev	Date	Details	By

The image shows the logo for Barter Hill Partnership Limited. On the left, there is a black square containing the words "barter hill" in a white, lowercase, sans-serif font. To the right of this square, the company name "Barter Hill Partnership Limited" is written in a large, bold, black serif font. Below the company name, the text "Wynters Farm Barn" is written in a smaller, black serif font, followed by "Magdalen Laver" and "Ongar" on separate lines. Below these, "Essex CM5 0EW" is written in a black serif font. Further down, the contact details are listed: "t: 01279 430888", "f: 01279 429007", and "e: mail@barterhill.co.uk". At the bottom, the text "15 Meridian Way", "Meridian Business Park", and "Norwich NR7 0TA" is displayed in a black serif font. Finally, at the very bottom, the text "Consulting Structural & Civil Engineers" is written in a black serif font.

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.

Note: This drawing is the copyright of Bovis Homes Ltd.

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SITE BOORLEY GREEN PARCEL C2a & C2b			
DRAWING TITLE			
Foundation Proposals Sheet 2: Plots 144-153			
DRAWN BY	LRM	DATE	DRAWING NO.
		JANUARY 2018	
SCALE:	1:200	CHECKED BY/DATE	6266-671
		JANUARY 2018	B