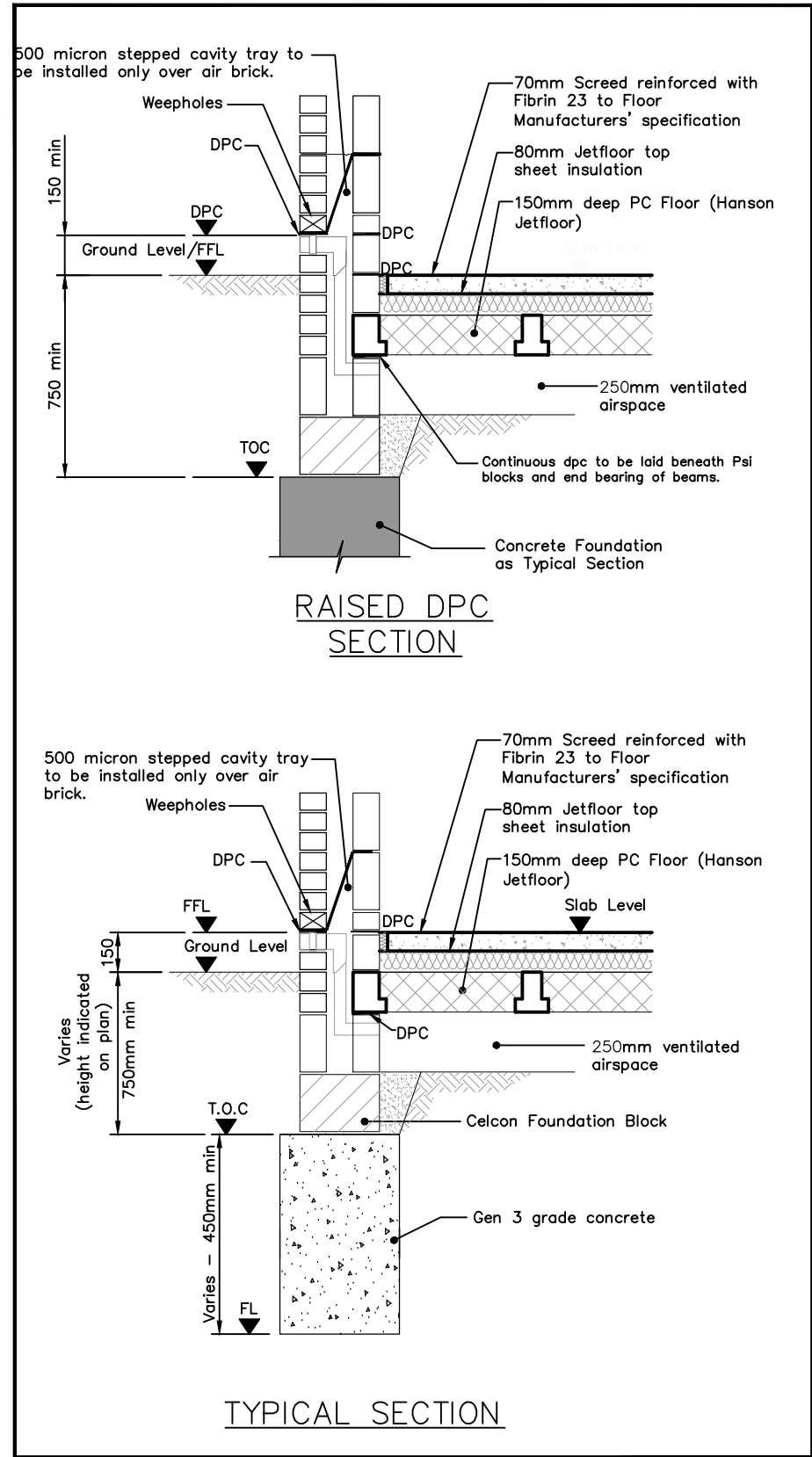
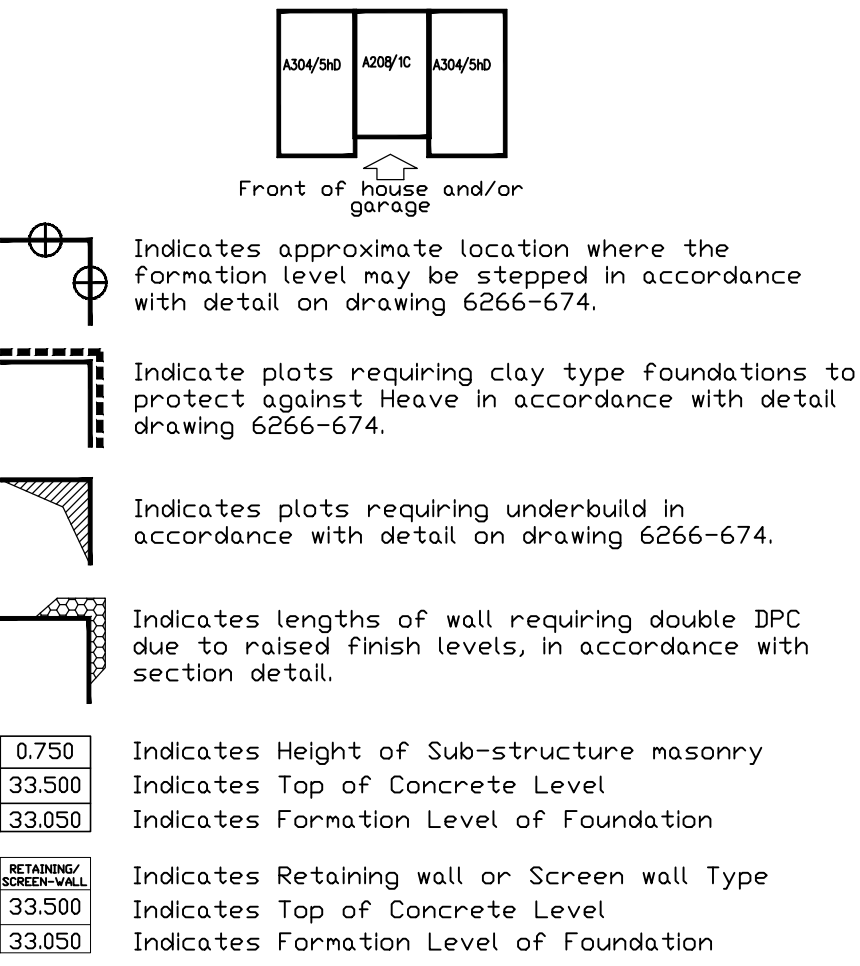


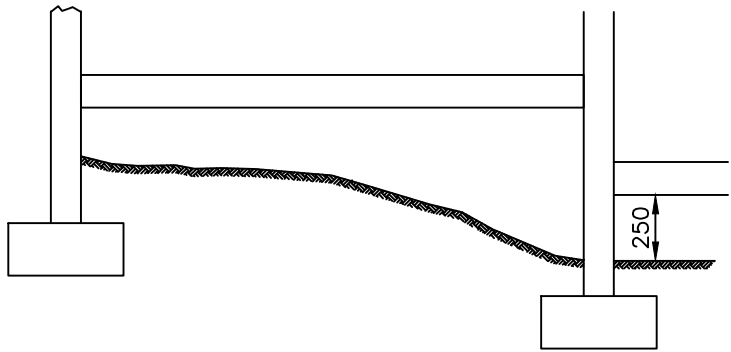


Standard Legend



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.



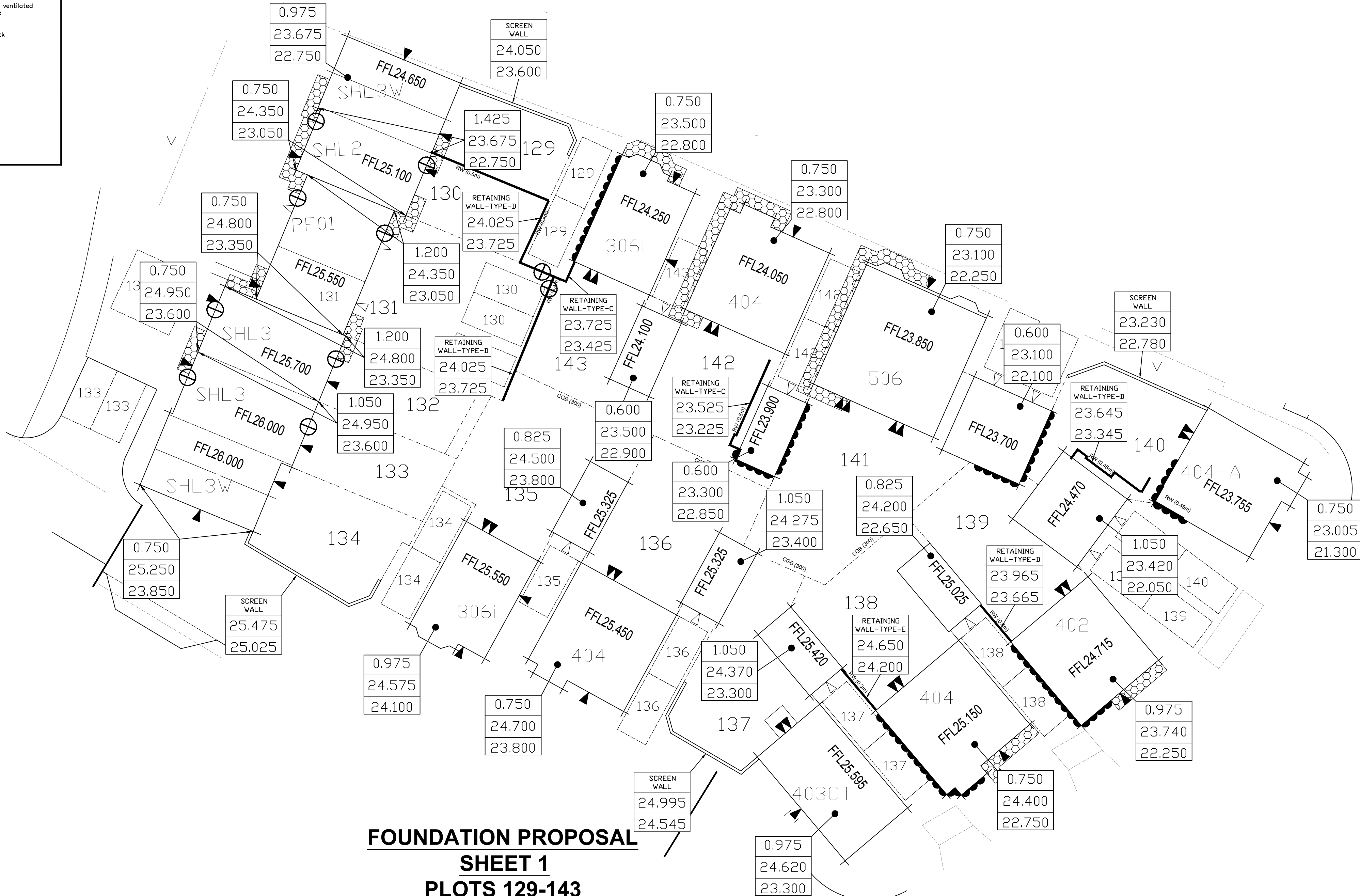
Foundation depths designed to
NHBC chapter 4.2 - 2016.
Shrinkable soils 4.2.7
(Medium Plasticity)
No new planting taken into
consideration, minimum foundation
depths based on Table 4: Column B.

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.



NOTES

- This drawing is to be read in conjunction with all relevant Architects, Engineering, and specialist drawings and specifications.
- For slab levels refer to the engineering drawing. Depth of dig assumes that the plot will be stripped of topsoil or set to a engineered re-grade level before dig commences.
- Anticipated ground conditions:
Mixture of Sand and Clay.
- Assumed allowable safe bearing capacity of 100kN/m². Please refer to Site investigation report.
- Medium plasticity, unless noted otherwise. Please refer to Site investigation report.
- Strip Foundations...
- Strip / Trench Foundations bearing into the in 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)
- The design Sulphate Class is DS-2. The ACEC site classification is AC-2.
- The contractor is responsible to ensure that the formation level is protected at all times, prior to placement of concrete.
- All Ground Floor slabs to houses to be Forerra Jetfloor.
- The structural engineer must be informed if tree roots are encountered at or near proposed formation level.
- Foundation strata to be consistent for each plot. Engineer to be notified otherwise.
- Masonry boundary walls are to be constructed in accordance with the Architects details. Foundation width to be 450mm wide minimum and the depths are as indicated on this drawing. The Foundations are to be reinforced with one layer of B785 Mesh Fabric placed centrally in the foundation depth. Refer to drawings BDGR-674 & BDGR-675 to Screen Wall Details.
- Tanking to be design by specialist and installed in compliance with NHBC Chapter 5.4 guidance.
- Refer to drawings:
BDGR/674 for standard Foundation details
BDGR/675 for retaining wall details

Pile & Ground Beam

- 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

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

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Consulting Structural & Civil Engineers

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 1: Plots 129-143			
DRAWN BY	DATE	DRAWING NO.	REV
LRM	JANUARY 2018		
SCALE:	CHECKED/DATE	BOGR-670	B
1:200	JANUARY 2018		