



Phase '1'
Introduce CFA Piles to be located as advised by GEA - these are necessary to provide lateral slope stability - this is the 1st stage of stabilising the cottage and the site in general.

Phase '2'
Introduce Underpinning to the front facade of the cottage '45 Flask Walk' as the existing foundations do not currently bear into the Claygate beds. These works will offer the second stage of stabilising the cottage and the site in general

Phase '3'
Introduce Underpinning to the central load bearing / supporting wall of the cottage '45 Flask Walk' as the existing foundations do not currently bear into the Claygate beds. These works will offer the third stage of stabilising the cottage and the site in general.

Phase '4'
formation of the basement and the underpinning to the party wall which will be necessary, to take the foundations into the claygate beds which will offer additional stability to the cottage. The basement will then act as a stabilising section of structure to compliment phases '1' to '3'.

Generally:-
The process of the works, phases '1' to '4' from the CFA bored piles in the front garden, to the formation of the basement is a stabilising process, by taking the foundations - by underpinning - into the Claygate beds substrata, and the creation of the basement, which will act as an 'anchor' by the nature of the passive resistance of the Claygate beds. As the structure currently exists, the foundations are all generally founded on the fill level and not the main Claygate beds, and as such there is no passive resistance being afforded to the building in respect of the slope instability issues.

**PRELIMINARY FOR
INFORMATION**

P1	18.11.16	drawing amended to suit design arch change:		
Rev	Date	Revision		
proposed sections sequencing information.		Drg No.	Rev	
		09	P1	
		Job No.		
Scale 1:100 @ A3	Drn. by: CF	360219		
	Chkd. by:			
Client				
Project				
45 Flask Walk				
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