



Sequence of underpinning

1. EXCAVATE UNDERPINS TO FORMATION LEVEL
2. REMOVE ANY UNSTABLE MATERIAL FROM WALL TO BE SUPPORTED AND PROVIDE TEMPORARY PROPPING AS NECESSARY
3. PROVIDE TEMPORARY CLOSE SHORED PROPPING AS NECESSARY WITHIN THE EXCAVATIONS TO ENABLE THE PINS TO BE FORMED
4. ALLOW FOR INSPECTION BY THE ENGINEER AND BUILDING CONTROL OFFICER
5. PLACE CONCRETE BLINDING TO BASE, FIX REINFORCEMENT & FORMWORK
6. POUR CONCRETE TO TOE OF UNDERPIN.
7. FORM SHEAR KEYS INTO ADJOINING SIDES OF THE EXCAVATION
8. FIX REINFORCEMENT AND FORMWORK TO UNDERPIN
9. POUR CONCRETE TO PIN TO WITHIN 75mm OF UNDERSIDE OF EX - FOUNDATIONS BEING UNDERPINNED.
10. ALL 48 HOURS FOR CONCRETE TO CURE.
11. INSTALL FOSROC CONBEXTRA GP INTO DRY PACK SECTION THROUGH LETTER BOX SHUTTER
12. ALLOW A FURTHER 24 HOURS FOR FOSROC TO CURE
13. BACKFILL EXCAVATION OR FULLY PROP FROM MAIN 'DUMPLING' IN CENTRE OF THE SITE
14. REPEAT ABOVE FOR NEXT UNDERPIN IN SEQUENCE.
15. C35 Concrete in base and retaining wall
16. C35 mass concrete for underpinning.

method statement for underpinning works

ALL UNDERPINNING TO BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND METHOD STATEMENT.

THE CONTRACTOR IS TO PREPARE A DETAILED METHOD STATEMENT AND SEQUENCE OF CONSTRUCTION PRIOR TO THE COMMENCEMENT OF THE WORKS.

THE CONTRACTOR IS TO IMMEDIATELY REPORT ANY DISCREPANCY BETWEEN THE STRUCTURAL DRAWINGS AND CONDITIONS FOUND ON SITE TO THE ENGINEER AND AWAIT COMMENTS AND INSTRUCTIONS.

SEQUENCE OF UNDERPINNING IS BASED ON A 6 DAY CYCLE OF UNDERPIN CONSTRUCTION:  
DAY 1 - EXCAVATION AND CONSTRUCTION OF UNDERPIN BASE  
DAY 2 - CONSTRUCTION OF UNDERPIN RETAINING WALL  
DAY 5 - GROUT PACKING  
DAY 6 - EARLIEST COMMENCEMENT OF EXCAVATION OF ADJACENT UNDERPIN SECTION

UNDERPINNING IS TO BE CONSTRUCTED IN A HIT AND MISS SEQUENCE, AS SHOWN ON THE DRAWINGS.

THE UNDERPINS BENEATH THE HOUSE WILL BE UNDERTAKEN IN MAXIMUM 1.2M LENGTHS WITH NO GREATER THAN 20% OF THE EXISTING WALLS UNSUPPORTED AT ANY ONE TIME.

Section 1-1 through underpin to main party wall to house PW45/43

Section 2 - 2 through ret wall to garden to PW45/47

PRELIMINARY FOR COMMENT

P8	18.11.16	drawing amended to suit design arch changes
P7	15.11.16	underpinning extended PW 43-45 & front wall
P6	09.06.16	Minor update
P5	07.06.16	Basement plan general update
P4	22.03.16	Basement plan amended IC moved
P3	22.03.16	Basement plan amended extra base to col
P2	10.03.16	Basement plan amended extra pins shown
P1	03.03.16	Basement plan amended to current proposed
Rev	Date	Revision

proposed basement		Drg No.	Rev
		01	P8
Scale 1:50 @ A3		Job No. 360219	
Drn. by: TF			
Chkd. by:			

Client	
Project	45 Flask Walk

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