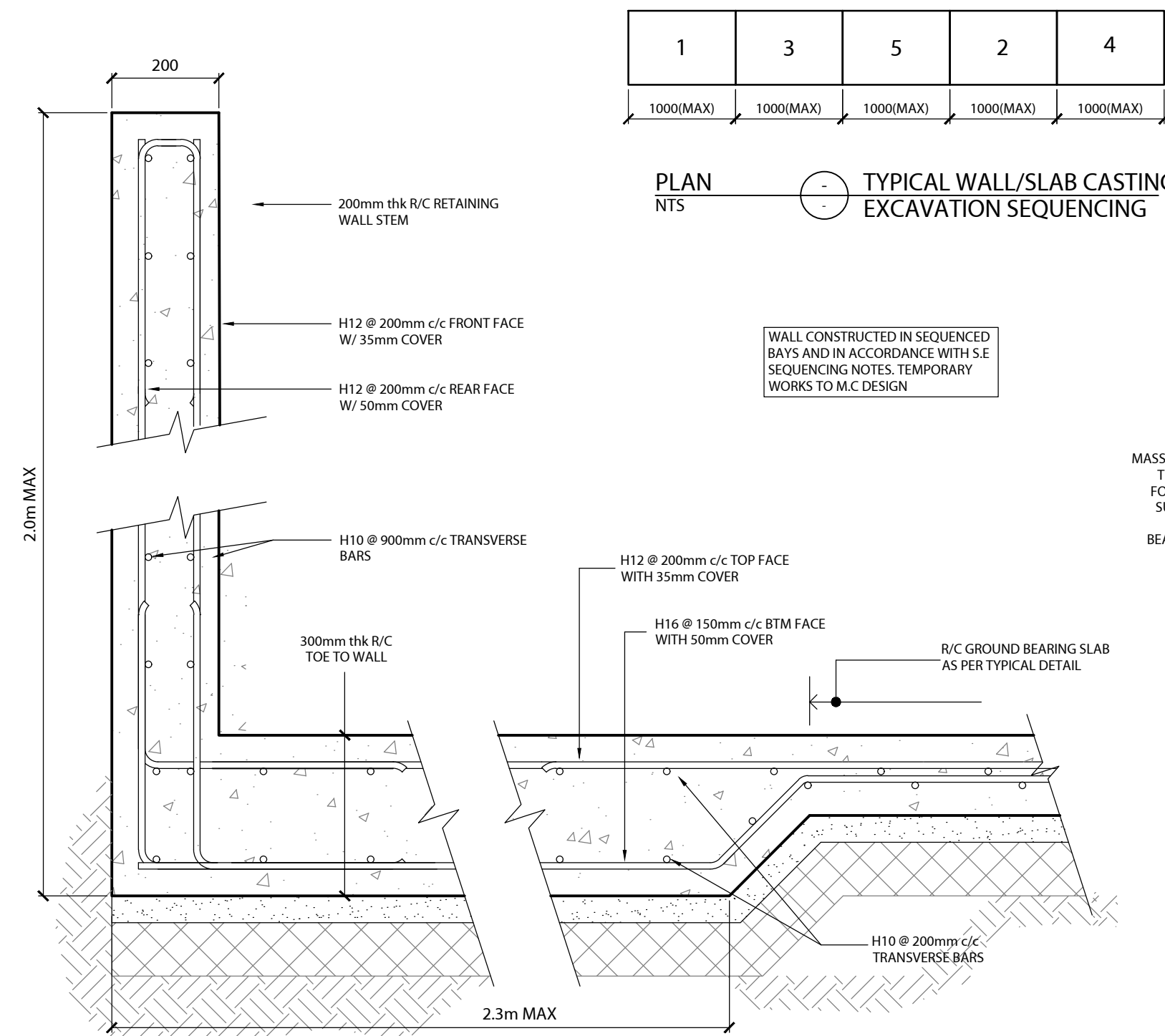
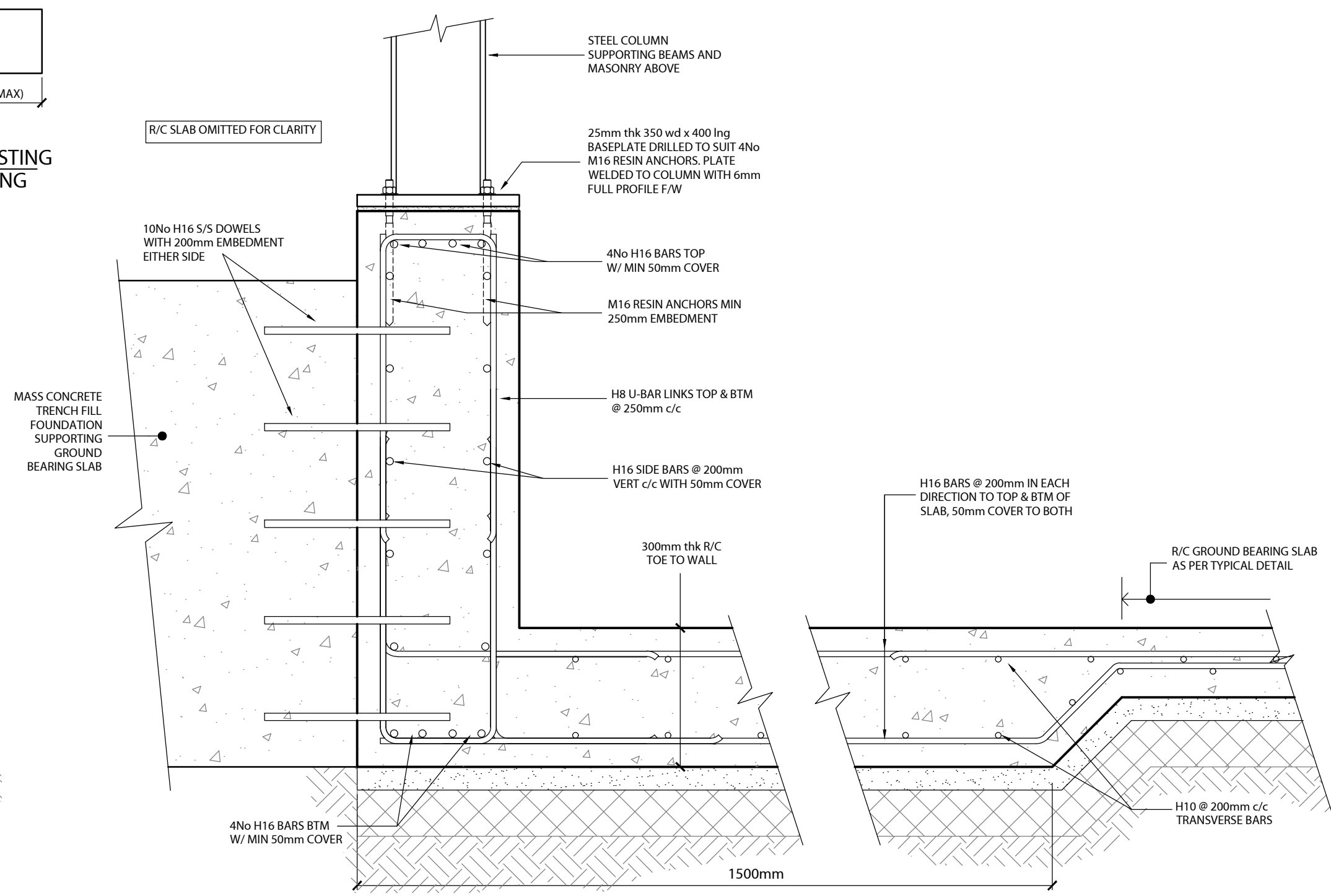


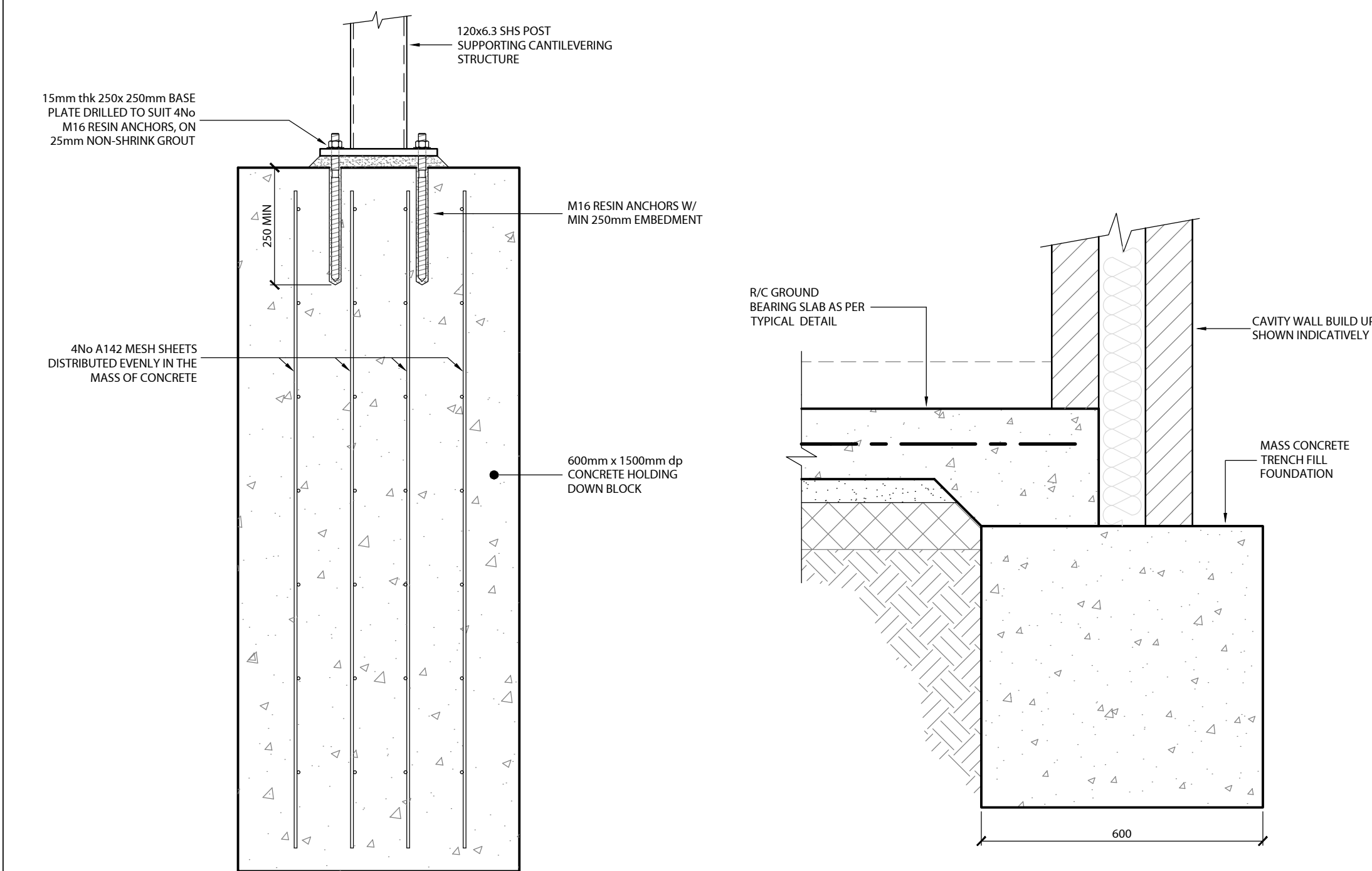
DETAIL 01 RETAINING WALL DETAIL
1:10



DETAIL 02 RETAINING WALL DETAIL
1:10

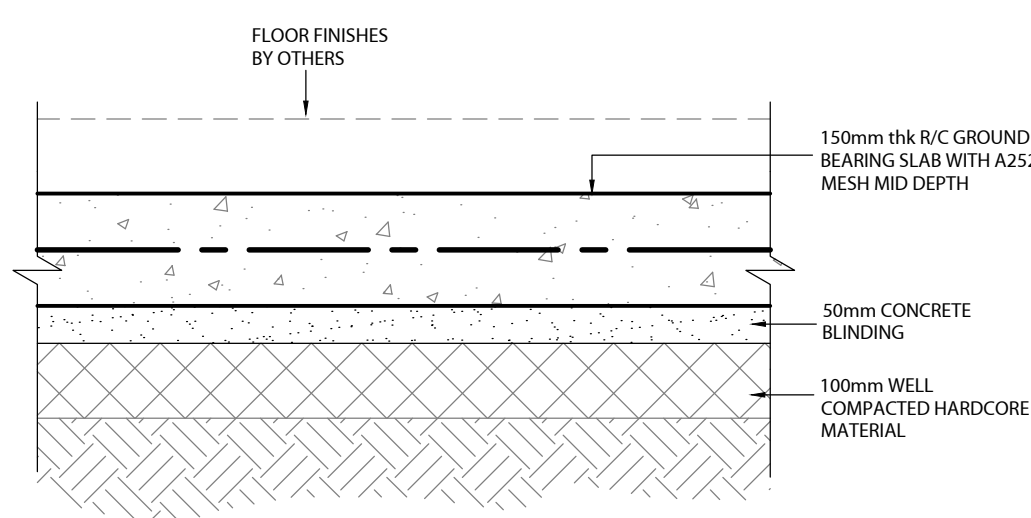


DETAIL 03 RETAINING WALL DETAIL
1:10

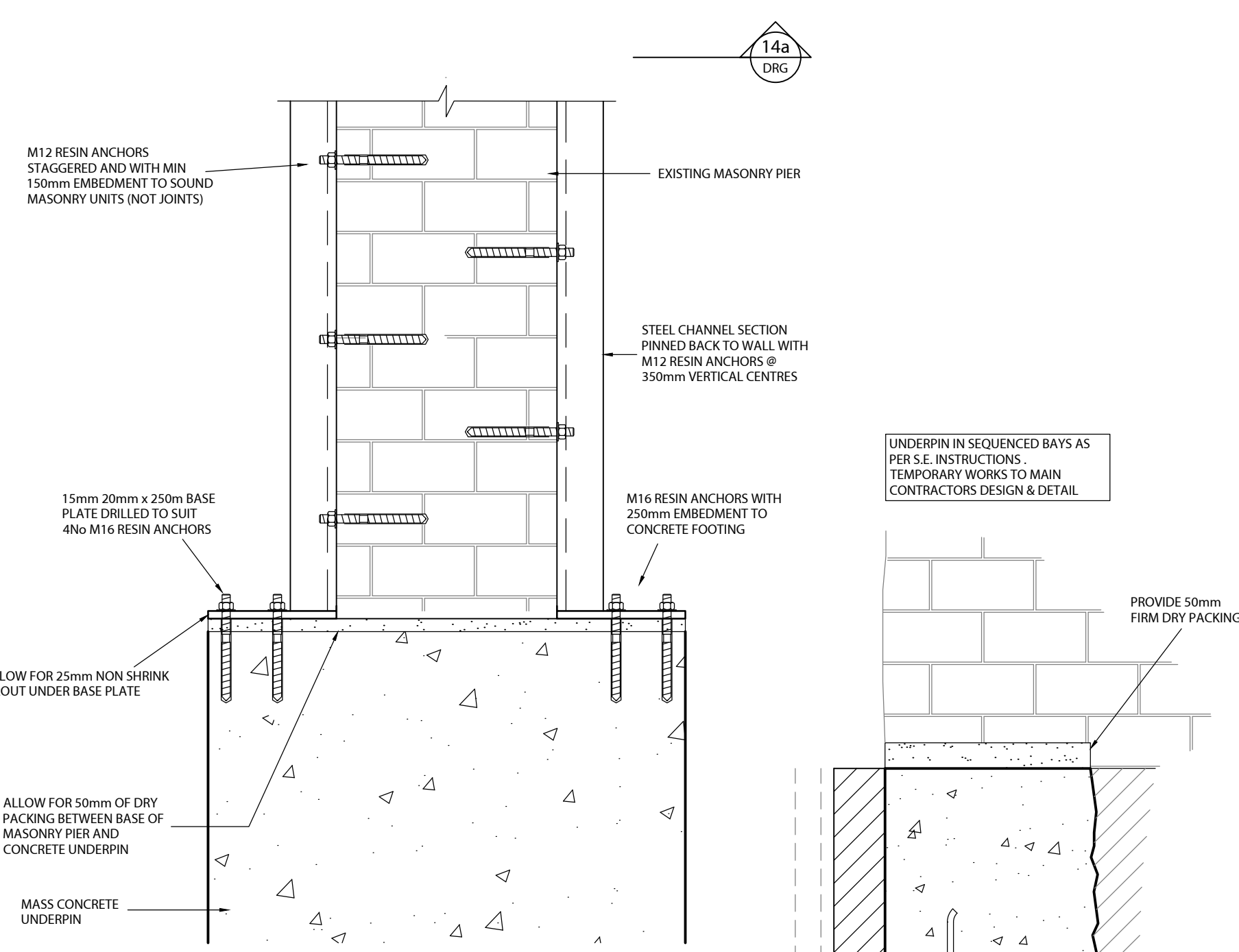


DETAIL 04 HOLDING DOWN BLOCK
1:10

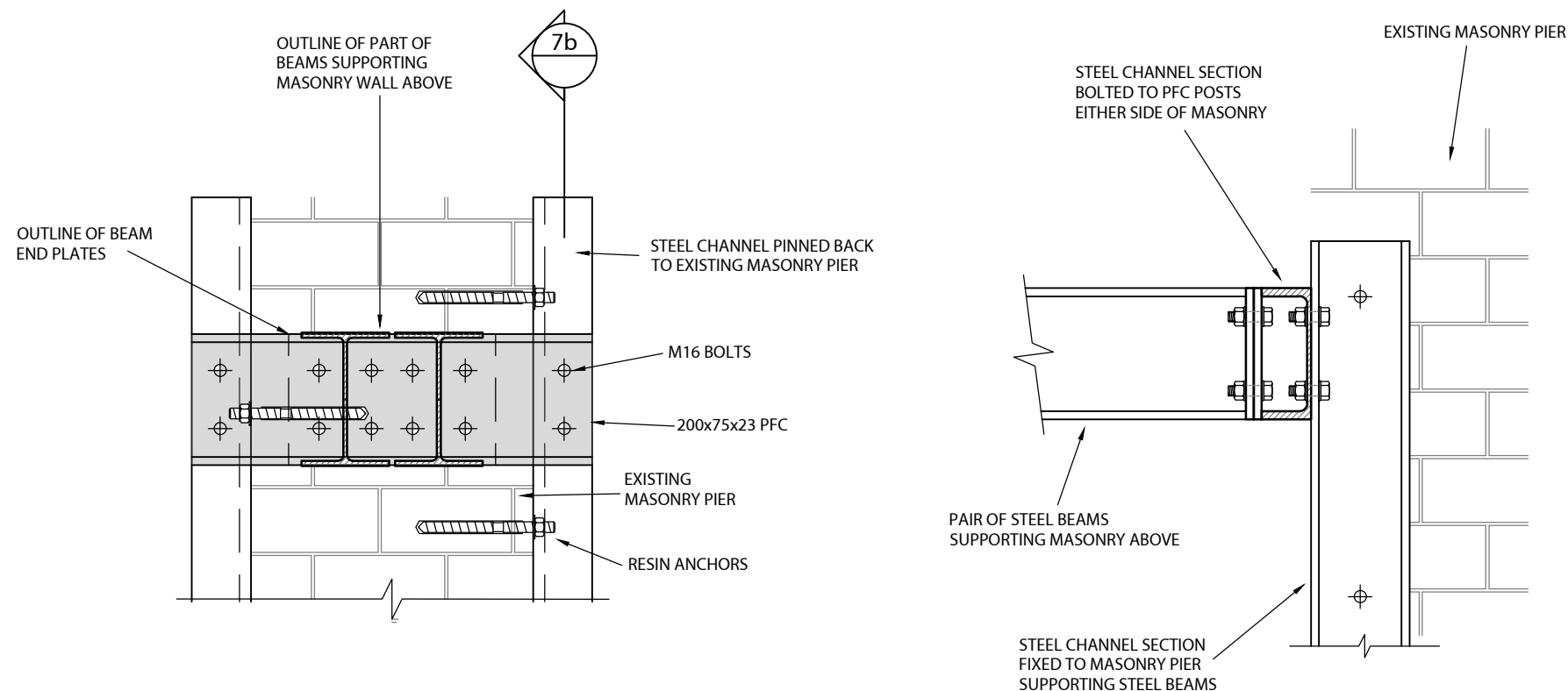
DETAIL 05 TRENCHFILL FOUNDATION
1:10



DETAIL 06 R/C GROUND BEARING SLAB
1:10

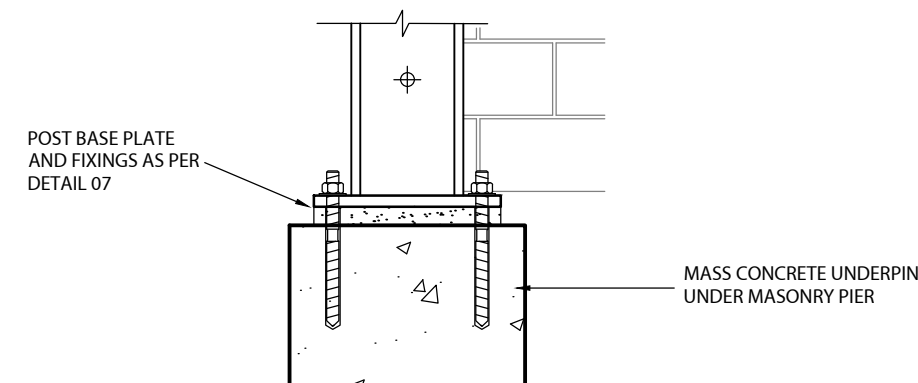


DETAIL 07 STEEL BEAM SUPPORT
1:10

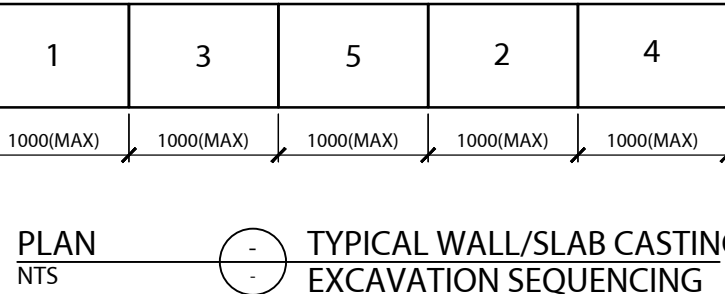


DETAIL 07a STEEL BEAM SUPPORT
1:10

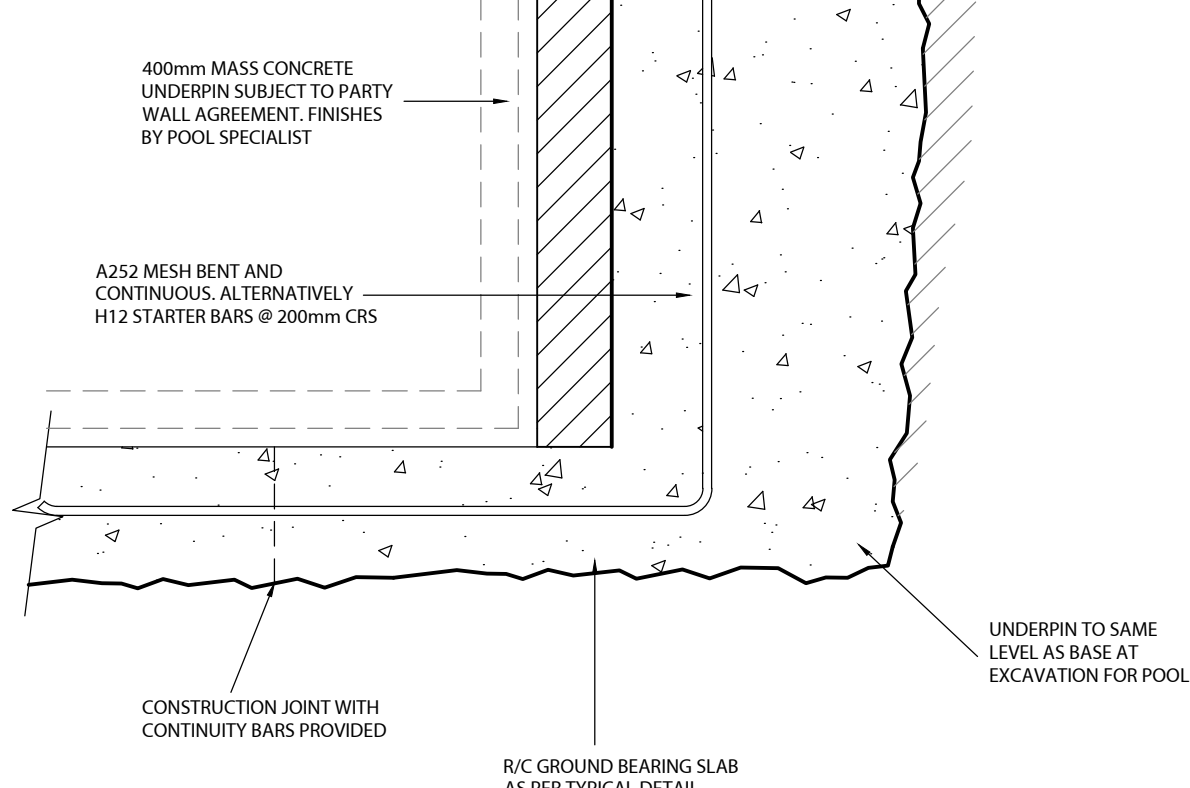
DETAIL 07b
1:10



DETAIL 07c
1:10



PLAN NTS TYPICAL WALL/SLAB CASTING
EXCAVATION SEQUENCING



DETAIL 08 TYPICAL UNDERPINNING DETAIL
1:10

NOTES

- This drawing is copyright and may not be reproduced without the permission of Mann Williams.
- All drawings are to be read in conjunction with the project specification with all works carried out in accordance with the latest British Standards and codes of practice.
- Any ambiguities or discrepancies between this drawing and any other information given elsewhere must be reported to Mann Williams for clarification before work proceeds.
- All dimensions to be checked on site and any discrepancies reported to the engineer before work commences.
- Only figured or calculated dimensions should be used and no drawing, in any format should be scaled.

UNDERPINNING/SLAB SEQUENCING NOTES
(also applicable to excavations alongside existing structures)

- Details on this drawing are to be checked on site by the builder and any discrepancies reported to the engineer so that adjustments may be made to the structural scheme, if necessary.
- The builder shall be responsible for the stability of the existing structures and earthworks on the site and must take all necessary precautions to safeguard their stability.
- If necessary, adequate shoring shall be inserted during the works to ensure the stability, and such shoring to be adequately founded.
- The builder shall give the engineer and local authority 24 hours notice of his intentions to commence excavation of the first stage of underpinning, to enable both to be present during the excavation.
- The full depth of the underpinning section must be concreted on the same day. No excavation bay should be wider than 1m. A maximum of 1m in every 3m to be excavated at any one time.
- Under no circumstances shall any full depth of excavation be allowed to stand overnight. If the section cannot be completed in one day, the excavation must be stopped at least 300mm above the formation level and recommenced the following day.
- No excavation of any stage of underpinning shall commence until full casting of the preceding stage has been completed.
- The rest of the bays can be carried out in the same manner (with a minimum of 3 days between any adjacent bays).
- The void between the existing wall and underpinning to be filled with 3:1 sand:cement mix or non-shrink mortar well rammed in.
- See drawing for numbered underpinning sequence.
- 4No H16 Dowels 600 long to be provided between each underpinning bay. Bars secured with 300mm embedment to each bay. Bars pushed back into ground for each adjacent bay.

SCALE BAR 1:5

REV T1 TENDER ISSUE

DESCRIPTION

BY CJT

DATE 11.06.19

P-PRELIMINARY T-TENDER C-CONSTRUCTION

PROJECT

47 QUEENS GROVE, LONDON

TITLE

DETAILS

SHEET 1 OF 2

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CHKD IB

SIZE A1

SCALE 1:10

DATE JUN 19

STATUS

TENDER

PROJECT 9006

DRAWING 301

REV T1