

**Stage 7 - Underpinning Wall on Grid 3**

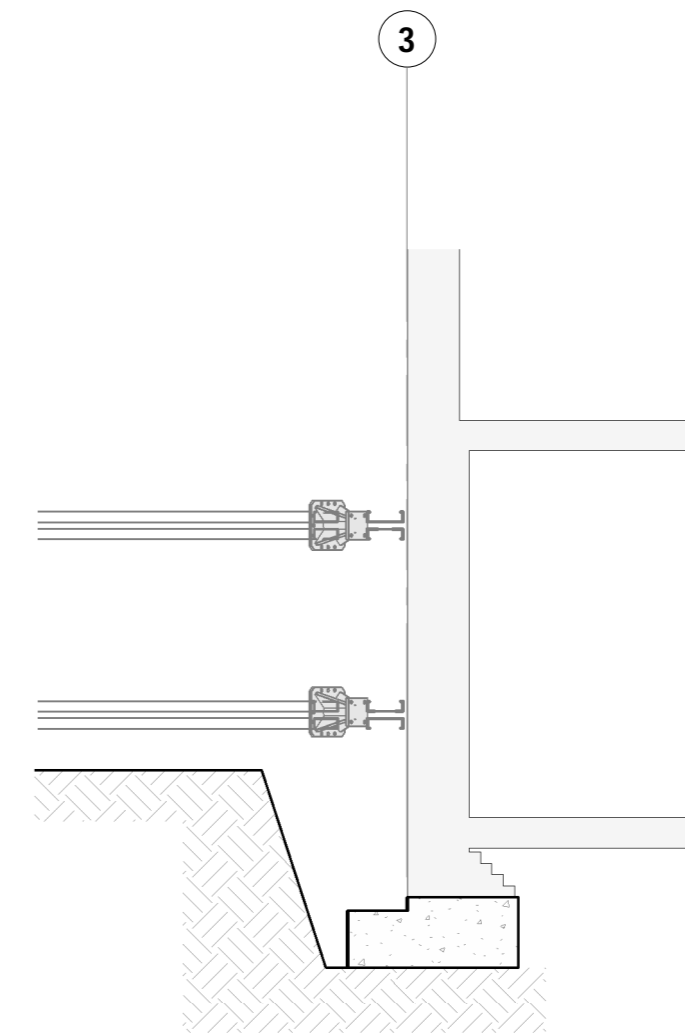
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**DESIGNER'S METHOD STATEMENT & SEQUENCE OF WORK FOR MASS CONCRETE UNDERPINNING OF MASONRY WALL.**

- Underpinning**
- Excavate the individual bay to be underpinned to the new formation level.
  - The soffit of existing foundations is to be thoroughly cleaned and cut back to a sound face before concreting and dry packing.
  - The existing corbelled brick foundations will be carefully cut back to the wall line on the internal face.
  - Bay widths are to be limited to 1.25m max and at no point should pins be opened for more than 20% of the length of the wall.
  - The condition of the masonry appears reasonably sound. In the unlikely event a localised area of defective concrete or masonry should become apparent, adequate temporary supports are to be provided. Steel prop supports shall be inserted locally if necessary after excavation beneath the foundations and shall be bedded on the approved formation and concreted into the underpinning.
  - Concrete to be GEN 3 (20 N) mass concrete uno.
  - Any variation from the proposed sequence of underpinning is to be agreed with the Engineer before proceeding with the work.
  - Excavate and cast bays marked 1. Allow 24 - 48 hours to cure before dry packing. Allow 24-48 hours to cure before excavating the subsequent bay.
  - Excavate and cast bays marked 2 and dry pack as above.
  - Repeat for 3, 4, 5 until underpinning complete, or similar sequencing (Note: sequential ordering for bays in a length of wall is 1st bay, 3rd bay, 5th, 2nd, 4th and so on, such that a subsequent bay is not located adjacent to a most recently constructed bay uno).
  - The width of the underpinning base at formation level is to equal the width of the existing brickwork foundations.
  - The contractor is to provide any necessary temporary lateral shores to provide safe access into the excavation area at all times.

**GENERAL NOTES:**

- Do not scale this drawing in either paper or digital form. Use figured dimensions only.
- All 'Ross & Partners' drawings to be read in conjunction with all relevant Architect's drawings and any discrepancies reported to all relevant parties.
- This drawing is to be read in conjunction with other 'Ross & Partners' drawings and 'Ross & Partners' Structural Specification documents and any discrepancies reported to all relevant parties.
- Settling out will be in accordance with the Architect's dimensions and as discussed and agreed between Client, Contractor and the Architects and any discrepancies reported to all relevant parties.
- For General Notes refer to drawings:
  - 2012-RP-XX-XX-FN-S-001
  - 2012-RP-XX-XX-FN-S-002
  - 2012-RP-XX-XX-FN-S-003



**Section AA - Stage 7**

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- Stage 7**
- Commence mass concrete underpinning of party wall along grid 3 in lengths not exceeding 1m as shown on the plan.

No.	Rev.	By	Description	Date
3	P03	AA	Issued for Planning Application	2020 12 03
2	P02	AA	Updated to comments	2020 11 06
1	P01	AA	Issued for Comments	2020 08 20

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JOB TITLE	25 JOHN'S MEWS LONDON
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DRG TITLE	Basement Construction Sequence Stage 7
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DRW:	AA	CHKD:	MO'R	DATE:	September 2020
STATUS:	S4 - FOR STAGE APPROVAL	SCALE:	1 : 50 @ A2		
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