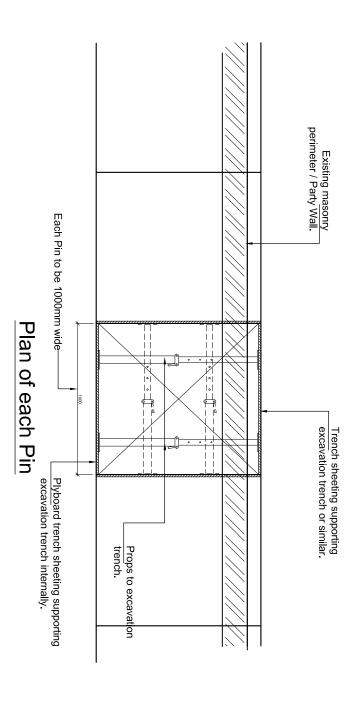
TEMPORARY WORKS PROPOSAL TO CONSTRUCT NEW R. C. BASEMENT INCLUDING UNDERPIN TO EXISTING MASONRY PERIMETER / PARTY WALL IN SEQUENCE (118 MALDEN ROAD)



Existing masonry perimeter / Party Wall. Props Steel trench sheeting support trench excavation or similar. Section Stage .1

SEQUENCE OFWORK

- 1.EXCAVATE IN UNDERPINNING SEQUENCE TO CONSTRUCT NEW REINFORCED CONCRETE RETAINING WALL BELOW EXISTING MASONRY PARTY WALL.
- 2.STABILISED EXCAVATION
 TRENCH WITH STEEL TRENCH
 SHEETING, PLYBOARDS AND
 PROPS OR SIMILAR.
- 3.REMOVE EXISTING LOOSE CONCRETE TO UNDERSIDE OF BRICK CORBEL IF ANY / CLEAN UNDERSIDE OF EXISTING FOOTING.

ALLOW FOR DE-WATERING (LOCALLY PUMPING) OF TRENCH IF ANY WATER IN FOUND. (HOWEVER WATER NOT EXPECTED TO BE FOUND IN TRENCH ACCORDING TO TRIAL PITS / BOREHOLES

NOTES

- I. ALL DIMENSIONS TO BE VERIFIED ON SITE.
- 2.THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS (ARCHITECTURAL AND STRUCTURAL DRAWING).
- 3.THE CONTRACTOR SHALL ENSURE THAT STABILITY OF THE BUILDING AND ADJACENT PREMISES IS MAINTAINED AT ALL STAGES OF CONSTRUCTURAL.
- 4.THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL NECCESSARY TEMPORARY WORKS AND PROGRAME THE WORK ACCORDINGLY.
- 5. ALLPROPS MUST REMAIN SUPPORTING THE STRUCTURE OVER / DIAGONALLY UNTILL THE OPERATION IS COMPLETE.
- 6. AT ALL TIMES THE EXISTING STRUCTURE WILL BE CAREFULLY MONITORED TO ENSURE NO DAMAGE DUE TO UNSUPPORTED WORK OCCURS..
- 7. DURING THE WORKS INSPECTIONS WILL BE MADE BY TMPORARY WORKS ENGINEER AS DEEMED NECCESSARY.

 8. ANY UNFORSEEN PROBLEM ENCOUNTERED WILL BE
- 8. ANY UNFORSEEN PROBLEM ENCOUNTERED WILL BE NOTIFIED TO BOTHE PERMANENT AND TEMPORARY WORKS ENGINEER TO ENABLE A SOLUTION TO BE AGREED UPON...
- 9.ALL WORKS WILL BE CARRIED OUT IN A LOGICAL SEQUENCE WITH DUE REGARD FOR HEALTH AND SAFETY ISSUES.

Preliminary For Planning Submission

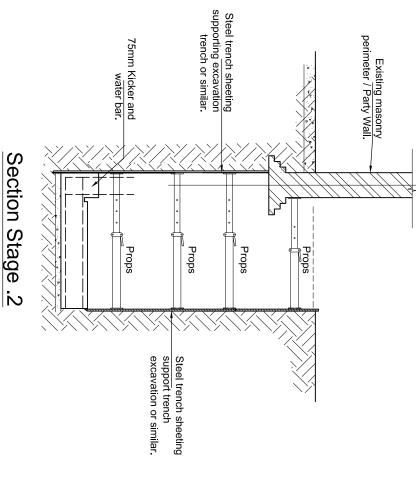
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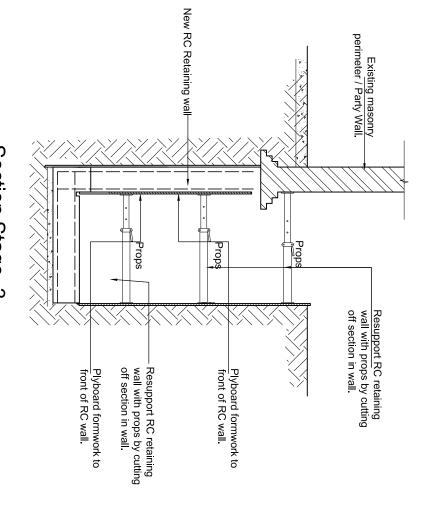
Temporary works / Underpin

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Section Stage .3

4.CAST SECTION OF RC BASE BAR. WITH 75mm KICKER AND WATER

COTINUED FROM DRAWING TP-01

- 5. INSTALL SHUTTERING TO FRONT OF WALL. THEN CAST CONCRETE RETAINING WALL SECTION OF REINFORCED FOUNDATION MASONRY WALL TO UNDERSIDE OF OF EXISTING
- **6.DRY PACK GAP BETWEEN TOP** FOOTING. OF NEW REINFORCED UNDERSIDE OF EXISTING CONCRETE WALL AND
- 7. CAREFULLY CUT-OFF PROJECTING BRICK CORBLE AND CONCRETE FOUNDATION.
- 8.CONTINUE SEQUENCE UNTIL 400mm CAST INTO NEW RC **DOWEL BAR RESIN 400mm INTO** WALL + RC BASE) WALL+BASE AND REMAINING RC UNDERPIN RETAINING PAIRS OF 800mm long H16 CONSTRUCTED (EXCAVATE) (ADJACENT PINS TIED WITH WALL CONSTRUCTION). PROPOSED AND RETAINING THE ENTIRE RETAINING WALL IS

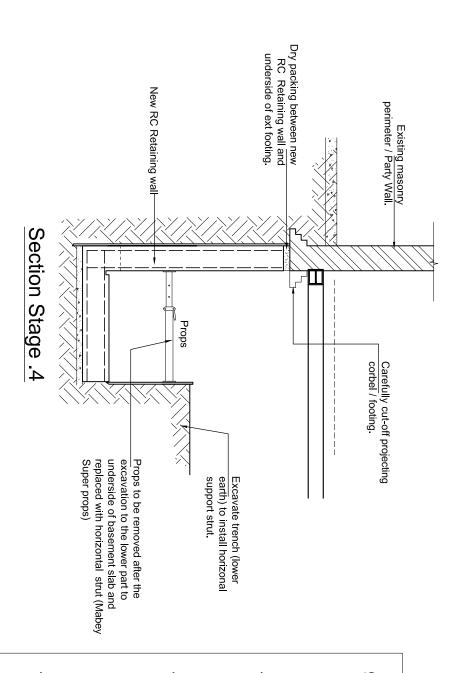
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New RC Retaining wall Existing masonry perimeter / Party Wall. (Timber Floor Joist) to horizontal Beams and load bearing masonry wall to competed suspended floor construction. Horizontal Temporary support to bottom wall (Struct and Walers / Mabey Super Props) RC Basement Slab.

Section Stage 5

9. EXCAVATE WITH IN PROPOSED BY STAGES. LOWERING THE EARTH IN TWO

COTINUED FROM DRAWING TP-01

- 10. INSTALL SUPPORT (MABEY PROP) TO TOP OF WALL.
- 11. REMOVE THE REMAINING BASEMENT.(TO THE UNDERSIDE OF **EXCAVATED MATERIAL IN THE** R.C BASEMENT SLAB.
- 12. INSTALL HORIZONTAL SUPPORT BOTTOM OF R.C RETAINING WALL. (STRUT AND WALER) TO THE
- 13. CAST BASEMENT FLOOR R.C SLAB
- 14.REMOVE BOTTOM HORIZONTAL PROP). STRUT (WALER & MABEY SUPER
- 15.INSTALL FLOOR BEAMS, STEEL SPREADER BEAMS WHILE REMOVING COLUMNS, FRAMES ON CAST RC TOP HORIZONTAL STRUT.
- 16. INSTALL FLOOR FIXINGS AND FINISHES TO COMPLETE SUSPENDED BASEMENT BOX CONSTRUCTION. FLOOR AND ALSO COMPLETE THE

For Planning Submission **Preliminary**

Rev Date Description Арр

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4 Edward Square, London N1 OSP Consulting Civil & Structural Engineers Tel: 020-7837 5377 Martin Redston Associates

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