REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT DETAILS

LEGEND

DENOTES EXISTING MASONRY OR TIMBER WALLS

DENOTES NEW MASONRY WALLS BUILT IN 15N/mm<sup>2</sup>
COMPRESSIVE STRENGTH BRICKWORK AND GRADE iii
MORTAR

DENOTES NEW MASONRY WALLS BUILT IN 7N/mm<sup>2</sup>
COMPRESSIVE STRENGTH BLOCKWORK AND GRADE iii
MORTAR

DENOTES NEW NON LOAD BEARING STUD WALL

SEE DETAIL TYPICAL RESTRAINT DETAILS

DENOTES REINFORCED CONCRETE SLAB

DENOTES SEQUENCE OF PROPOSED UNDERPINS. THE CONTRACTOR WILL HAVE TO PROVIDE HIS OWN SEQUENCE OF WORKS AND ALL METHOD STATEMENTS ONCE APPOINTED.

DENOTES 100 WIDE x 225mm HIGH MASS CONCRETE C30 PADSTONE U.N.O

L1 DENOTES LINTEL OVER WINDOW/DOOR

CONTRACTOR/SPECIALIST DESIGN ELEMENTS

1. ALL TEMPORARY WORKS

2. ALL TANKING DETAILS

3. ALL REINFORCEMENT DRAWINGS AND BAR BENDING SCHEDULES

4. DESIGN OF ALL STEELWORK CONNECTIONS. THE FABRICATOR WILL HAVE TO SUBMIT THEIR CALCULATIONS TO BUILDING CONTROL FOR APPROVAL

5. STEEL FABRICATION DRAWINGS

NOTE:
SHOULD THE CONTRACTOR WISH TO SPLICE ANY OF THE STEELS FOR ACCESS PURPOSES THE ARCHITECT AND ENGINEER SHOULD BE AFFORDED THE OPPORTUNITY OF REVIEWING THE PROPOSED SPLICE CONNECTION PRIOR TO FABRICATION. THE SPLICES SHOULD BE DESIGNED BY THE CONTRACTORS FABRICATOR AS FULL STRENGTH MOMENT CONNECTIONS AND CALCULATIONS WILL HAVE TO BE PROVIDED FOR THEM.

NOTE: ALL STEELWORK IN THE EXTERNAL WALLS ARE TO BE GALVANISED (80 MICRONS)

NOTE:
LOCATION OF EXISTING AND PROPOSED DRAIN RUNS ARE TO BE
CONFIRMED BY THE CONTRACTOR

NOTE:
THE WIDTH AND SEQUENCE OF UNDERPIN ARE SHOWN INDICATIVELY

PROPOSED METHOD STATEMENT/ SUGGESTED SEQUENCE OF WORKS

LOCALLY UNDERPIN WALLS AT POSITIONS MARKED
 TO BE USED TO SUPPORT TEMPORARY WORKS

INSTALL TEMPORARY STEELS TO PICK UP THE INTERNAL LOAD BEARING WALLS BY NEEDLING THE WALL AT A MAXIMUM OF 1200mm CENTRES USING 152x30 UC SUPPORTED ON A 203 UC MAIN BEAM SUPPORTED ON PADSTONES AND TEMPORARY COLUMNS/ SLIMSHORES

3 DEMOLISH ALL NON-LOAD BEARING WALLS AND INSTALL GROUND FLOOR SUPPORT STEELWORK

4 REMOVE GROUND FLOOR JOISTS

5 INSTALL TRANSITION UNDERPINS

INSTALL ALL TEMPORARY PROPS AND FORM THE NEW CONCRETE UNDERPINS AND PERIMETER FOUNDATIONS IN AN UNDERPINS SEQUENCE. SEE DRAWING 07 FOR PROPOSED PROPPING TO UNDERPINS

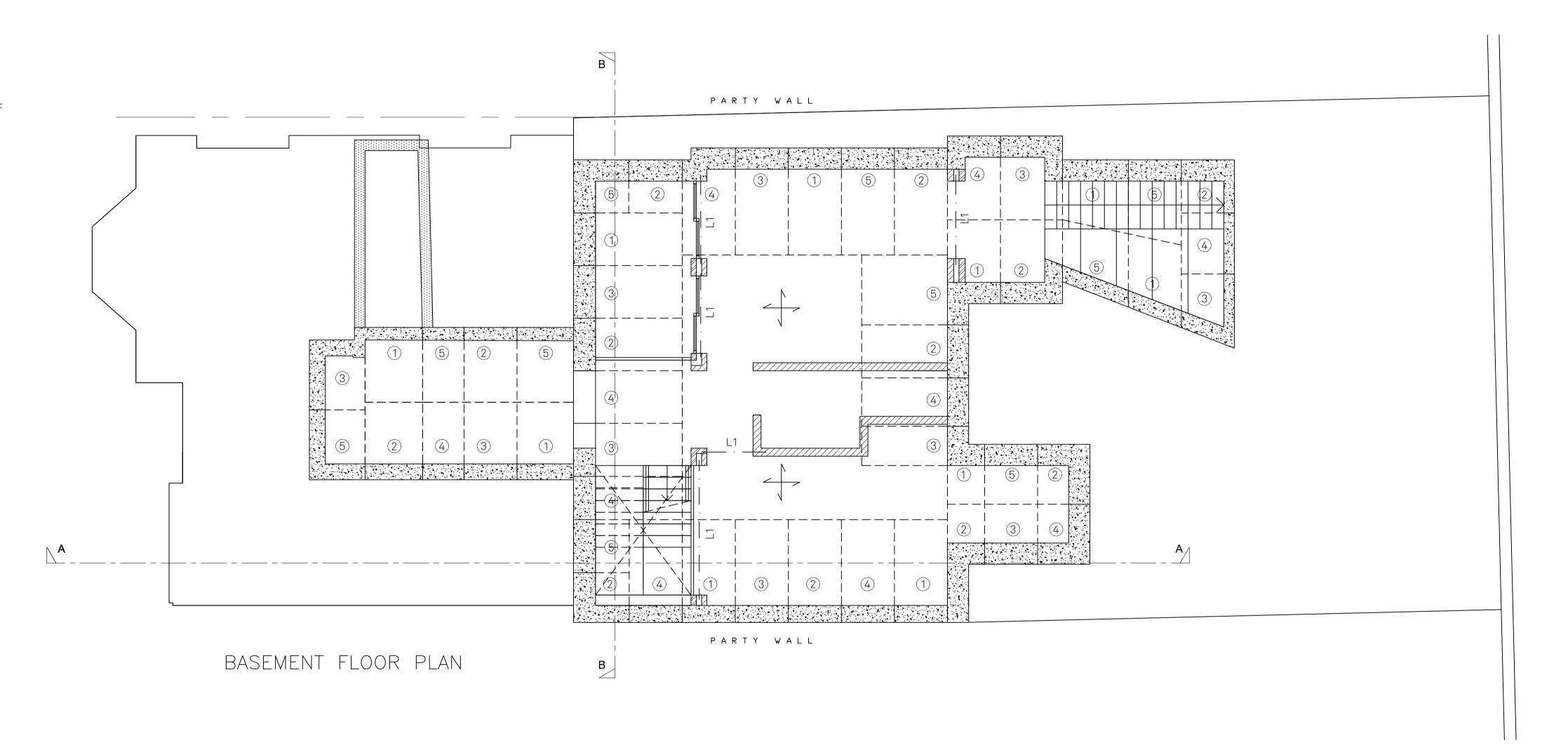
7 EXCAVATE BASEMENT

INSTALL ALL DRAINAGE AND THEN FORM BASEMENT SLAB

9 KEEPING IN POSITION ALL TEMPORARY WORKS
INSTALL ALL BASEMENT STEEL WORK AND THEN
INSTALL FLOOR JOISTS WITH PLY SHEETING

REMOVE TEMPORARY WORKS IN REVERSE ORDER OF INSTALLATION

11 INSTALL WATERPROOFING



A 13/05/20 ISSUED FOR PLANT REV DATE DESCRIPTION



#### REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT DETAILS

LEGEND

DENOTES EXISTING MASONRY OR TIMBER WALLS

DENOTES NEW MASONRY WALLS BUILT IN 15N/mm<sup>2</sup> COMPRESSIVE STRENGTH BRICKWORK AND GRADE iii

DENOTES NEW MASONRY WALLS BUILT IN 7N/mm<sup>2</sup> COMPRESSIVE STRENGTH BLOCKWORK AND GRADE iii

DENOTES NEW NON LOAD BEARING STUD WALL

DENOTES 155mm DP 'SUPREME' BEAM AND BLOCK FLOORING

SEE DETAIL TYPICAL RESTRAINT DETAILS

DENOTES SEQUENCE OF PROPOSED UNDERPINS. THE CONTRACTOR WILL HAVE TO PROVIDE HIS OWN SEQUENCE OF WORKS AND ALL METHOD STATEMENTS ONCE APPOINTED.

DENOTES 100 WIDE x 225mm HIGH MASS CONCRETE C30 PADSTONE U.N.O

DENOTES LINTEL OVER WINDOW/DOOR

## CONTRACTOR/SPECIALIST DESIGN ELEMENTS

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- 5. STEEL FABRICATION DRAWINGS

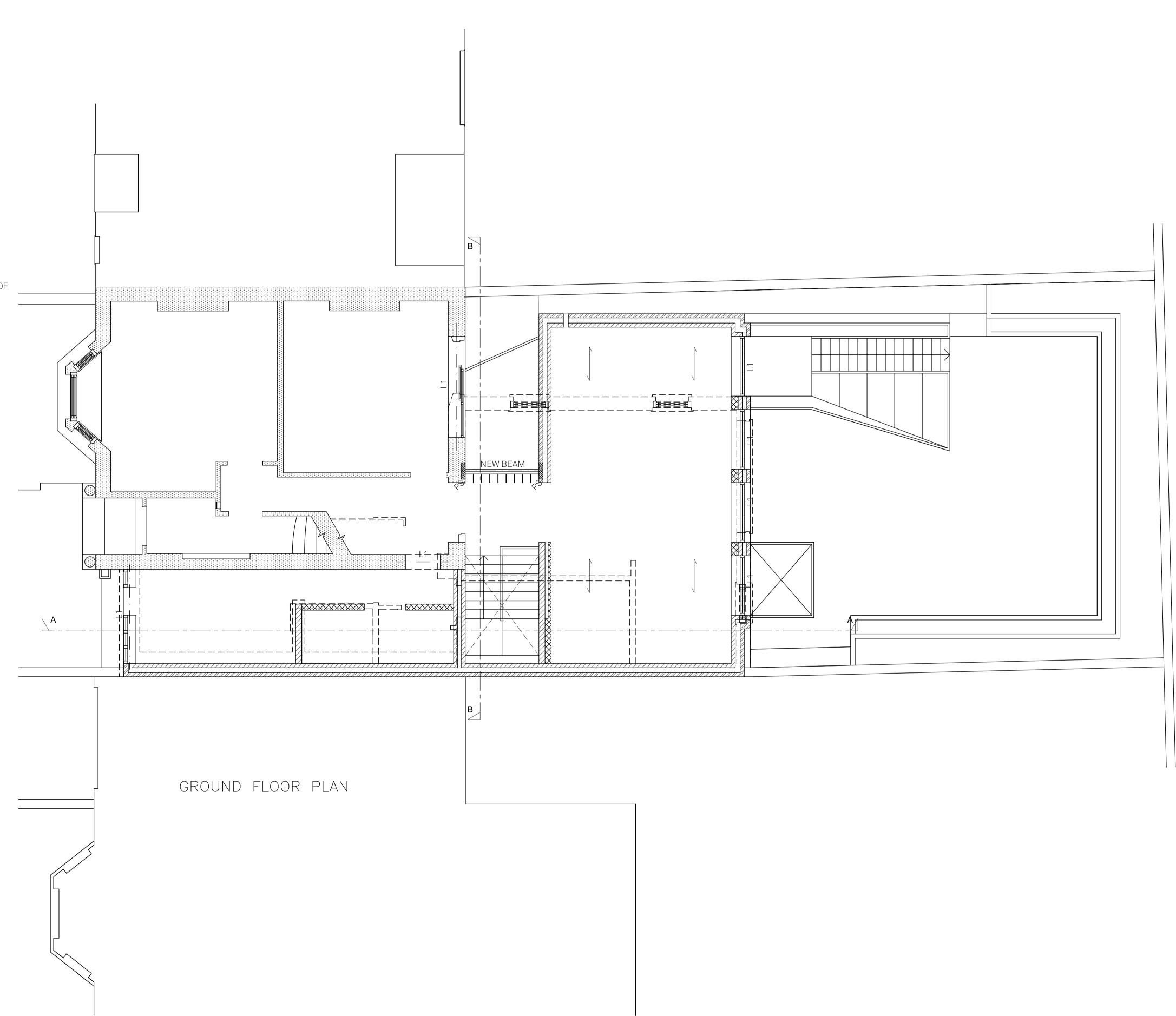
### NOTE:

THE NEW ROOF IS TO BE LINED WITH BIRCH FACED 18mm THICK STAGGERED GLUED AND NAILED PLYWOOD NAILED TO THE JOISTS AT 150mm CENTRES WITH ROUND WIRED 5mm DIA. NAILS. TIMBER NOGGINS SHALL BE INSTALLED AT EVERY SPLICE CONNECTION INCLUDING ABUTMENTS ADJACENT TO PERIMETER WALLS. THIS IS TO BE INSTALLED FOLLOWING THE INSTALLATION OF THE PERIMETER RESTRAINT STRAPS.

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LOCATION OF EXISTING AND PROPOSED DRAIN RUNS ARE TO BE CONFIRMED BY THE CONTRACTOR



23 DARTMOUTH PK HILL 19047 GROUND FLOOR PLAN SE002

REVISION

13/02/2020

PLANNING DATE

STATUS

SCALES/PAPER SIZE DRAWN/CHECKED

# THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SUPPORTS

ALL DISCREPANCIES TO BE VERIFIED WITH ARCHITECT PRIOR TO ORDERING OR CONSTRUCTION/EXECUTION. SETTING OUT
CONFIRM ALL SETTING OUT WITH ARCHITECT PRIOR TO CONSTRUCTION.

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AND RESPONSIBLE FOR STABILITY OF THE STRUCTURE DURING WORKS

REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT DETAILS

LEGEND

MORTAR

DENOTES EXISTING MASONRY OR TIMBER WALLS

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DENOTES NEW NON LOAD BEARING STUD WALL

CONTRACTOR/SPECIALIST DESIGN ELEMENTS

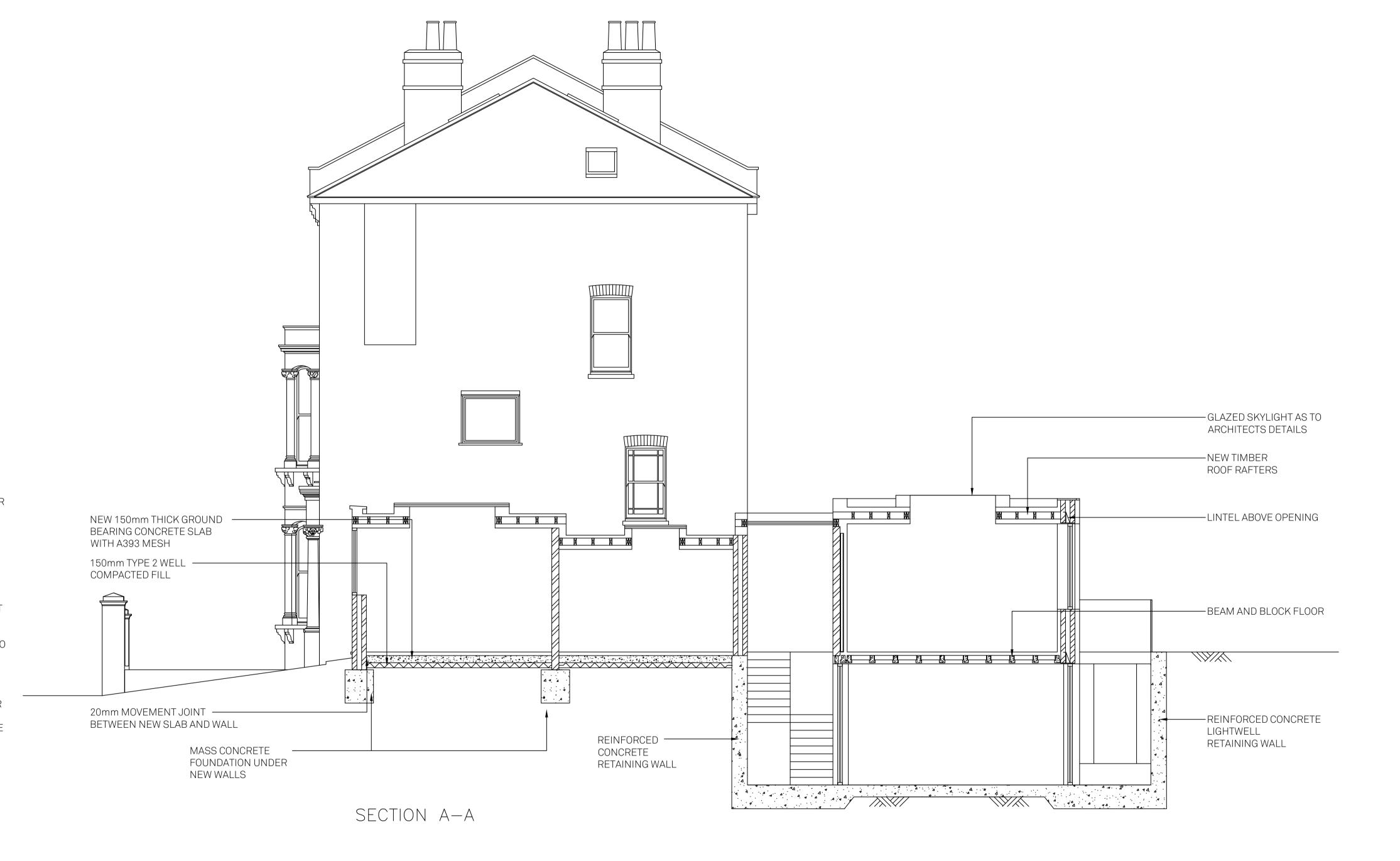
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Architecture For London 82—84 Clerkenwell Rd London EC1M 5RF 020 3637 4236 architecture forlondon.com

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REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT

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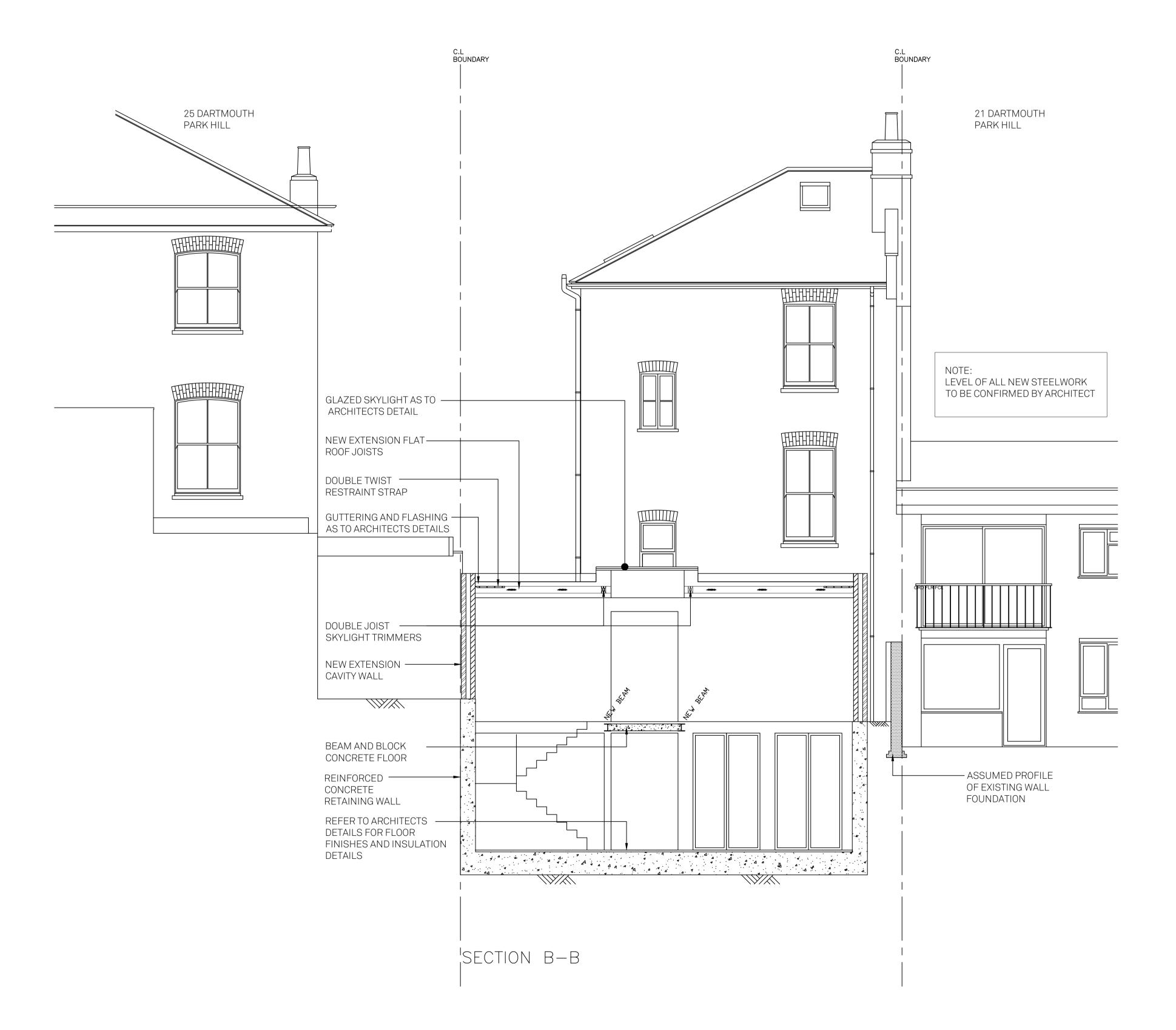
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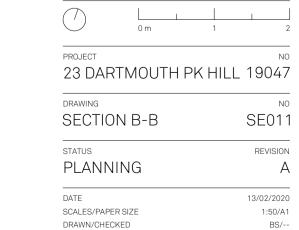
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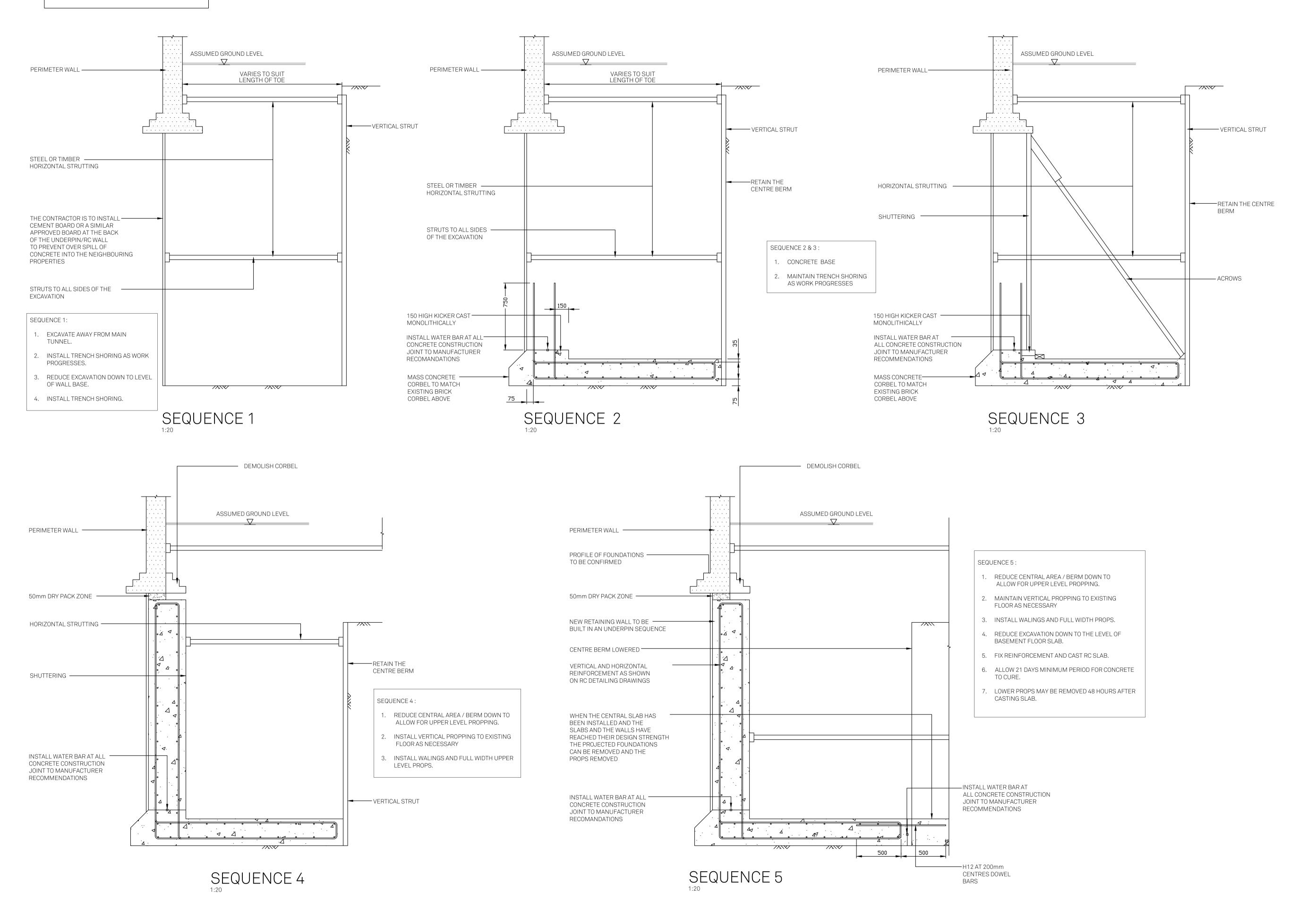
SETTING OUT
CONFIRM ALL SETTING OUT WITH ARCHITECT PRIOR TO
CONSTRUCTION.

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REV DATE DESCRIPTION



UNDERPINS TO BE DOWELLED INTO EACH OTHER WITH 6No. MIN H20 DOWELS WITH 400mm MIN. EMBEDMENT



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SETTING OUT
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CONSTRUCTION.

A 13/02/20 ISSUED FOR PLANNIN REV DATE DESCRIPTION

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PROJECT

23 DARTMOUTH PK HILL 19047

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REVISION

13/02/2020

1:20/A1

SEQUENCE
STATUS
PLANNING

DATE SCALES/PAPER SIZE DRAWN/CHECKED

Architecture
For London
82—84
Clerkenwell Rd
London
EC1M 5RF
020 3637 4236
architecture

forlondon.com

# PROPOSED METHOD STATEMENT / SUGGESTED SEQUENCE OF WORKS

- THE FOUNDATIONS UNDERPINNING IS TO BE CARRIED OUT IN SEQUENTIAL "HIT-AND-MISS" FASHION, WHERE INDIVIDUAL UNDERPINNING/RETAINING WALL BASES ARE CONSTRUCTED IN A SCATTERED ARRANGEMENT AROUND THE PERIMETER OF THE SPECIFIED WALLS, IN ACCORDANCE WITH THE NUMBERED SEQUENCE.
- THE EXCAVATIONS OF INDIVIDUAL PINS WILL BE CARRIED OUT BY HAND, TO PROFILE AS SHOWN ON DETAIL DRAWINGS.
- THE SEQUENCE OF CONSTRUCTION IS INDICATED WITH THE CIRCLED NUMBERS SHOWN ON PLAN.
- NOTE THAT THE UNDERPINNING OPERATION IS TO BE CARRIED OUT IN A SEQUENTIAL OPERATION OBSERVING THE TIME GAPS BETWEEN THE STEPS AS SPECIFIED.
- THE CONTRACTOR WILL PROVIDE ALL NECESSARY SHORING, PROPPING, SHUTTERING ETC TO ENSURE THAT THE SUBJECT AND ADJOINING PROPERTIES ARE FULLY SECURED AGAINST ANY MOVEMENT, SLIPPAGE OR SIMILAR, AND ALSO THAT THE CONCRETE IS CAST TO THE EXACT PROFILE AS SHOWN.
- 6 STEEL TRENCH SHEETS AND TRENCH PROPS AT MAXIMUM 900mm CENTRES
- PROP ENDS BEARING INTO EXCAVATION FACE TO BE FITTED WITH 250mm X 350mm SPREADERS. EXCAVATIONS TO BE PLANKED AND STRUTTED THROUGHOUT.
- 8 EXCAVATE THE INDIVIDUAL UNDERPIN PROFILE AS SHOWN IN DETAILS
- AS EXCAVATION PROGRESSES, APPLY SHUTTERING PLY TO THE BACK OF THE EXCAVATION, PROPPED WITH A RAKING ACCROW PROP AS NECESSARY TO HOLD THE EXCAVATION.

- AFTER TWO TO THREE PINS REVIEW THE SITUATION WITH THE ENGINEER OR PARTY WALL SURVEYOR AND IF EXCAVATIONS ARE HOLDING ON THEIR OWN SEEK AGREEMENT THAT TEMPORARY SHORING OF THE BACKS OF THE EXCAVATIONS ARE NOT NECESSARY
- LEVEL THE BOTTOM OF FOOTING AND BLIND IF NECESSARY WITH 50-100mm LEAN MIX CONCRETE. APPLY REINFORCEMENT CAGE TO BOTTOM OF THE PIT AND TO THE VERTICAL FACE OF THE WALL.
- APPLY DOWEL BARS TO THE SIDES OF EXCAVATION FOR CONTINUATION INTO THE ADJOINING BAYS.
- APPLY DOWEL BARS TO THE FRONT OF THE EXCAVATION FOR CONTINUATION INTO BASEMENT SLAB.
- APPLY CONCRETE TO THE BOTTOM EXCAVATION, WITH 150mm UPSTAND KICKER INTO THE VERTICAL FACE. VIBRATE AND COMPACT AS NECESSARY.
- 24 HOURS AFTER THE BASE POUR, SHUTTER THE REST OF THE SECTION UP TO UNDERSIDE OF EXISTING FOUNDATION AND APPLY CONCRETE. VIBRATE AND COMPACT AS NECESSARY.
- RETAIN TEMPORARY ACCROW (OR RMD OR MABEY) BETWEEN NEW WALLS AND SIDE EXCAVATION
- FULL WIDTH TEMPORARY RMD OR MABEY PROPPING INSTALLED ACROSS SITE UNTIL THE BASE SLAB HAS CURED (MAXIMUM HEIGHT TO BE 1/3RD HEIGHT OF EXCAVATION TO HELP REDUCE ANY ROTATIONAL SLIDING AT THE BASE)
- 36 HOURS LATER, APPLY DRYPACK BETWEEN EXISTING FOUNDATION AND TOP OF NEW CONCRETE UNDERPIN WALL.

- THE CONCRETE IS TO BE GRADE C40, WITH A MAXIMUM AGGREGATE SIZE OF 20mm.
- THE ADJOINING BAYS MUST NOT BE EXCAVATED WITHIN LESS THAN 48 HOURS AFTER DRYPACKING THE MOST RECENTLY CONSTRUCTED ADJACENT BAY.
- THE CONTRACTOR WILL PROVIDE ALL NECESSARY SHORING, PROPPING, SHUTTERING ETC TO ENSURE THAT THE SUBJECT AND ADJOINING PROPERTIES ARE FULLY SECURED AGAINST ANY MOVEMENT, SLIPPAGE OR SIMILAR, AND ALSO THAT THE CONCRETE IS BASE TO THE EXACT PROFILE AS INDICATED.
- WHEN ALL THE UNDERPINS IN ONE UNDERPINNING GROUND ARE COMPLETED, THE FLOOR SLAB S INSIDE THAT AREA IS TO BE CONSTRUCTED TO DETAILS SHOWN.
- EXCAVATE CENTRAL SECTION OF THE RELEVANT AREA OF SITE, INSTALL REINFORCEMENT FOR THE SLAB.
- APPLY CONCRETE TO THE BASEMENT SLAB, COMPACT AND CURE.

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SETTING OUT
CONFIRM ALL SETTING OUT WITH ARCHITECT PRIOR TO CONSTRUCTION.

- DESCRIPTION

0 cm 50 100

PROJECT NO 23 DARTMOUTH PK HILL 19047

REVISION

13/02/2020

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DRAWING NOTES SE021

PLANNING

DATE SCALES/PAPER SIZE DRAWN/CHECKED