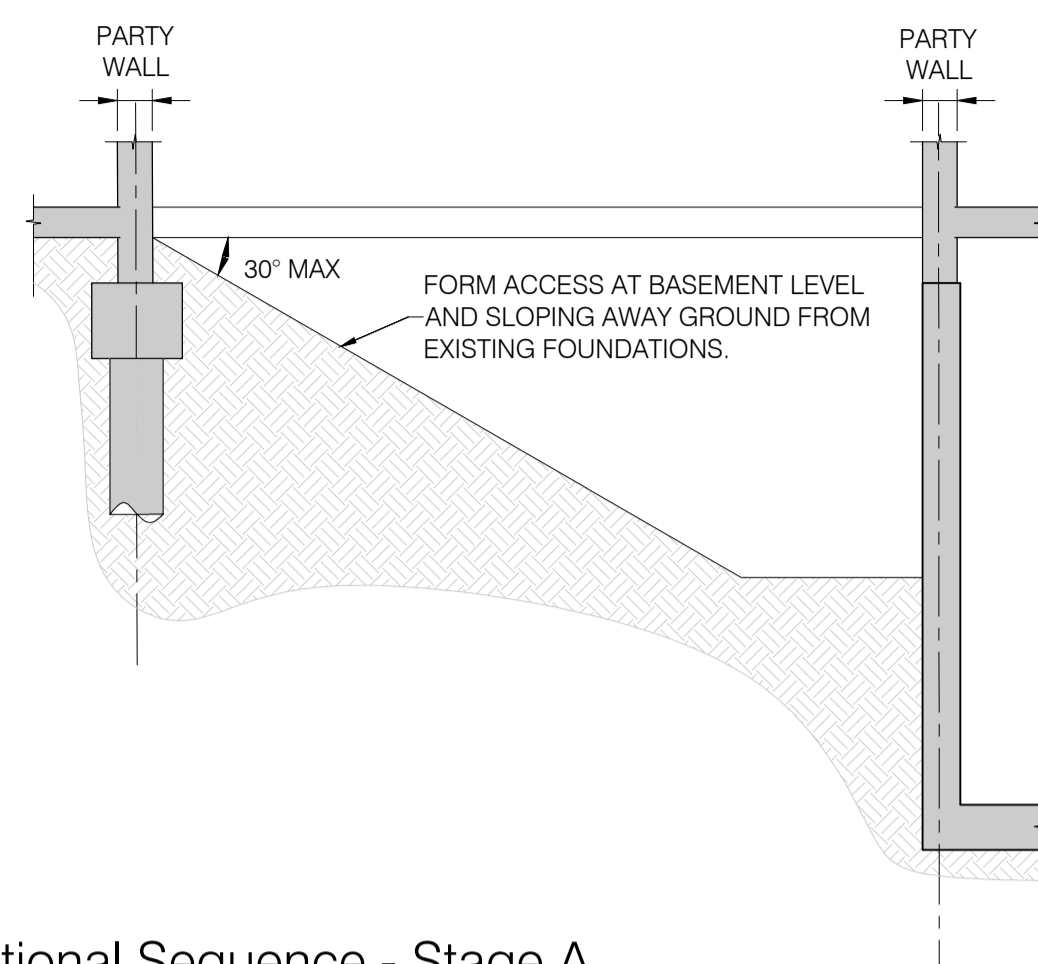


PROPOSED BASEMENT PLAN SHOWING UNDERPINNING SEQUENCE

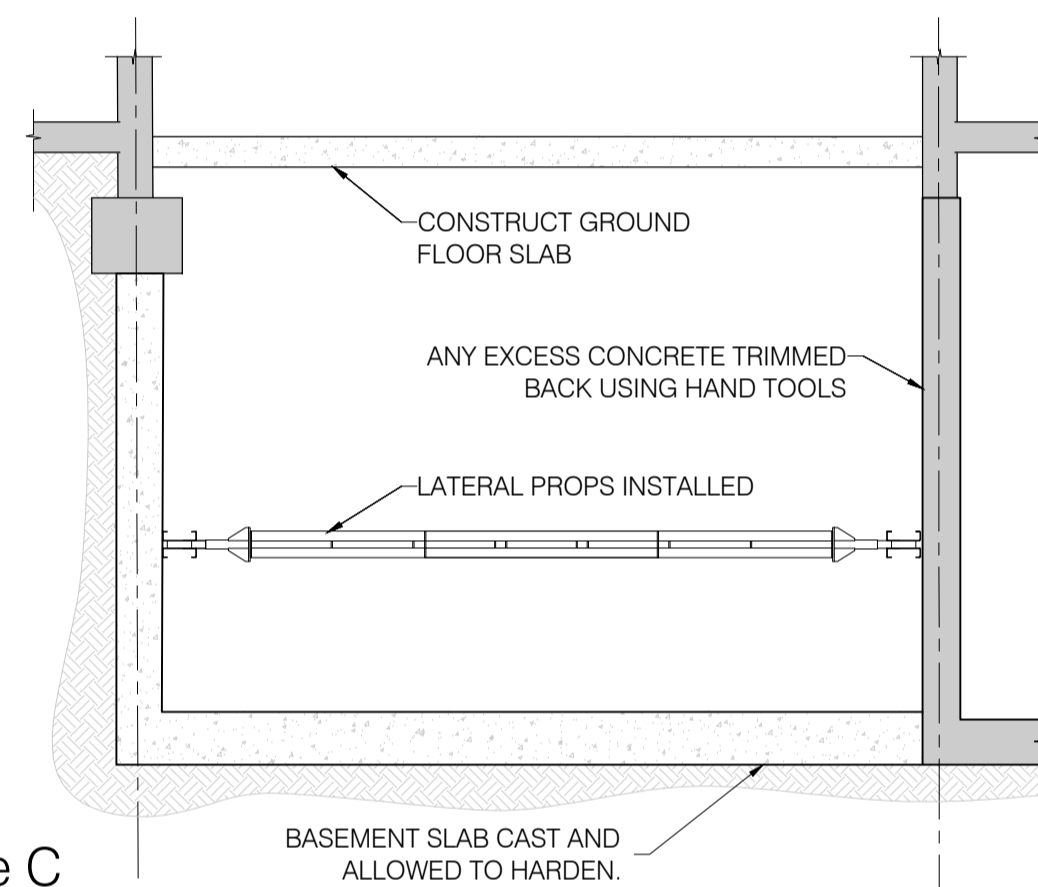
SCALE 1:50

UNDERPINS AT THESE LOCATIONS NOT TO BE CAST UNTIL BASEMENT RAFT SLAB IS COMPLETE. PILES BROKEN OUT PRIOR TO CASTING OF FINAL UNDERPIN SECTIONS



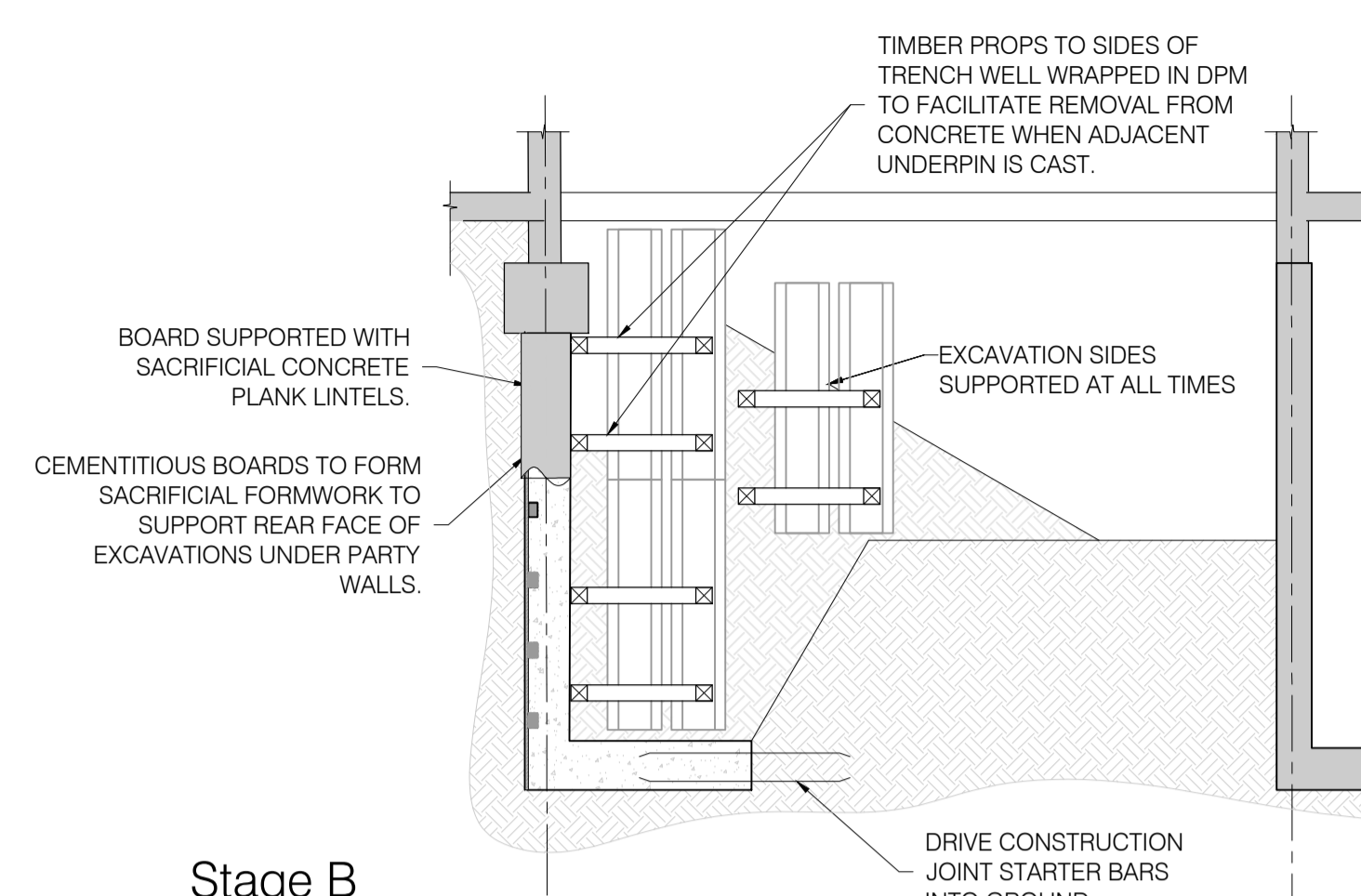
Sectional Sequence - Stage A

- Break out existing floor slab (or retain subject to investigation works)
- Reduce formation level sloping ground at a maximum angle of 30° from horizontal and form access walkway.



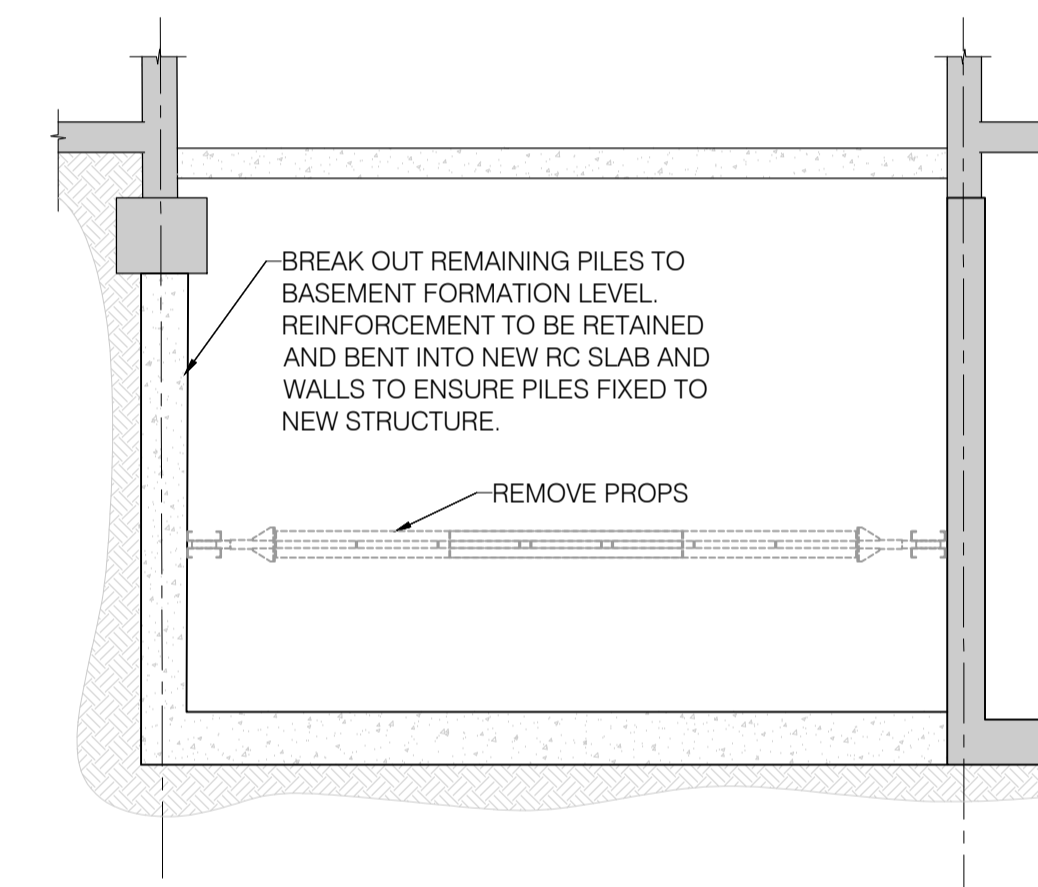
Stage C

- Install lateral props to prevent movement.
- Cast ground floor level slab
- Excavate to formation, place reinforcement and cast basement slab.



Stage B

- Start to excavate soils for underpin following sequence as shown on plan, and strut excavations in preparation for casting walls sections.
- Cast underpin wall section and dry pack up to structure over.



Stage D

- Break out existing piles and cast final wall sections.
- Remove lateral propping.

STRUCTURAL UNDERPINNING NOTES:

- EXCAVATE STOOLS AS NOTED TYPE 1 (MAXIMUM STOOL WIDTH BELOW BUILDINGS 1000mm UNLESS NOTED OTHERWISE)
- INSTALL SACRIFICIAL PROPS AS REQUIRED TO SUPPORT EXISTING STRUCTURE OVER.
- ANY LOOSE OR UNSOUND BRICKWORK AND/OR CONCRETE TO BE CAREFULLY REMOVED WITH HAND TOOLS TO FORM A UNIFORM LEVEL SOFFIT.
- AFTER FOUNDATION UNDERSIDE HAS BEEN COMPLETELY CLEARED OF LOOSE MATERIAL AND DEBRI, CONTACT STRUCTURAL ENGINEER / BUILDING CONTROL FOR INSPECTION. UPON APPROVAL CAST UNDERPINNING CONCRETE TO WITHIN 75mm OF SOFFIT OF EXISTING FOOTING.
- WAIT UNTIL CONCRETE HAS SUFFICIENTLY MATURED FOR A MINIMUM OF 24 HOURS.
- FILL GAP WITH DRY PACK MIX IN 3:1 SHARP SAND:CEMENT RATIO WITH FOSROC CEBEX 100 EXPANDING PLASTICISING GROUT ADMIXTURE BY FOSROC, MIXED HAND DAMP IN RAMMED IN WELL SOLID (PACKED WITH LUMP HAMMER) TO FILL ALL VOIDS.
- WAIT UNTIL DRY PACK HAS SUFFICIENTLY MATURED FOR A MINIMUM OF 24 HOURS (OR 48 HOURS IF WORK IS TO BE CARRIED OUT ON ADJOINING STOOLS) BEFORE EXCAVATING NEXT UNDERPIN STOOL.
- REPEAT STAGES 1 - 6 FOR STOOLS TYPE 2  
REPEAT STAGES 1 - 6 FOR STOOLS TYPE 3  
REPEAT STAGES 1 - 6 FOR STOOLS TYPE 4  
REPEAT STAGES 1 - 6 FOR STOOLS TYPE 5  
(SUGGESTED UNDERPINNING SEQUENCE 1,2,3,4,5)

THE CONTRACTOR IS TO ENSURE THAT NO MORE THAN 20% OF THE LENGTH OF THE WALL IS UNDERMINED AT ANY ONE TIME.

THE CONTRACTOR IS TO UNDERTAKE ALL NECESSARY PRECAUTIONS TO SAFELY UPHOLD THE EXISTING STRUCTURE AND EXCAVATION SIDES AT ALL TIMES.

NOTES:

- THESE DRAWINGS ARE FOR THE PURPOSES OF A PLANNING APPLICATION AND MUST NOT BE USED FOR CONSTRUCTION.
- THESE DRAWINGS SET OUT POSSIBLE STRUCTURAL FORMS AND CONSTRUCTION SEQUENCES AND ARE FOR INFORMATION ONLY.
- ALL INFORMATION SHOWN ON DRAWINGS REQUIRE VERIFICATION BY DESIGN PRIOR TO CONSTRUCTION.

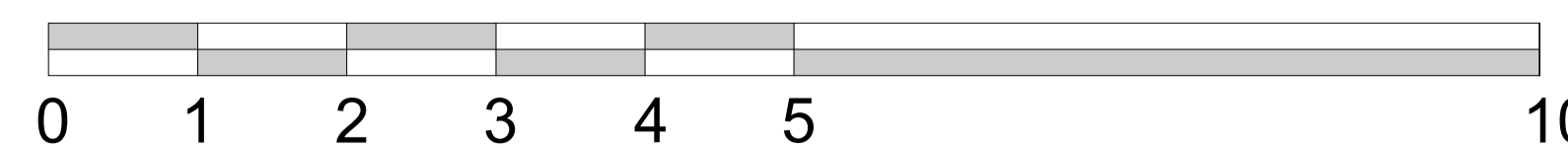
P2	UPDATED FOR AUDITORS COMMENTS	SW	08.11.19	MW
P1	PRELIMINARY ISSUE	IS	02.10.19	MW
REV.	AMENDMENTS	BY	DATE	CHECK

PROJECT  
56A King Henry's Road, London,  
NW3 3RP

TITLE  
Planning - Indicative Temporary  
Works Plan & Sections

DRAWING No. SCALE AS SHOWN @ A1

19079-P-300-P2



SCALE BAR 1:50

PLANNING  
ISSUE