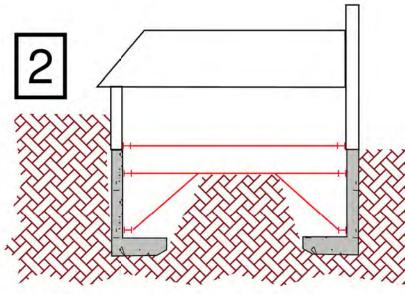
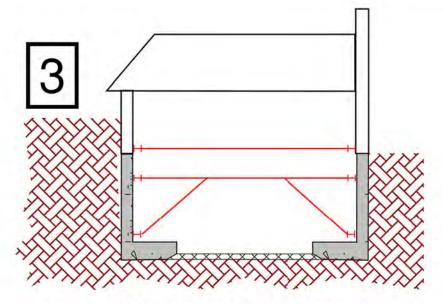


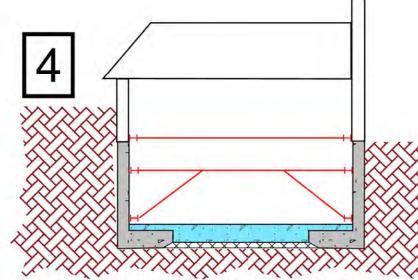
STEP 1: INSTALL WALING BEAM TO BOTTOM OF EXISTING WALL, THEN EXCAVATE OPPOSING UNDERPINS, SECURING EXCAVATION WITH SHORING AS REQUIRED.



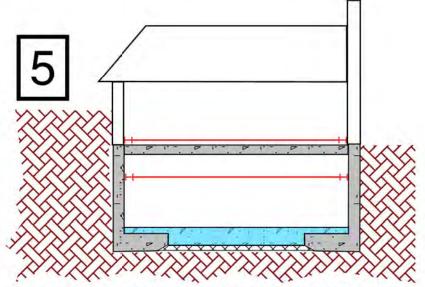
STEP 2: REMOVE CORBELS TO WALLS, AND CAST NEW REINFORCED UNDERPINS. INSTALL SECOND LEVEL OF WALING BEAMS. REPEAT FOR ALL PINS IN HIT AND MISS SEQUENCE.



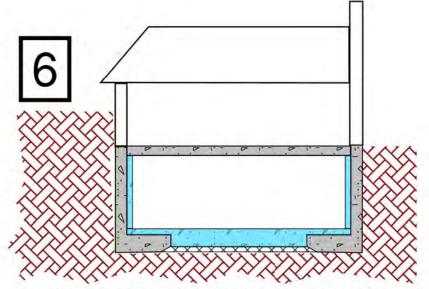
STEP 3: EXCAVATE REMAINING MATERIAL AND LAY HEAVE PROTECTION



STEP 4: CAST NEW BASEMENT SLAB IN WATER RESISTING CONCRETE, TYING IN TO THE UNDERPINS. REMOVE LOWER PROPS ONCE CURED.



STEP 5: CAST NEW GARAGE SLAB, PROPPING CONCRETE BACK TO BASEMENT SLAB IN TEMPORARY CONDITION



STEP 6: ONCE CONCRETE HAS REACHED 28 DAY STRENGTH, STRIKE FORMWORK AND REMOVE PROPS AND WALING BEAMS. CAST WATER RESISTING LINER WALL TO FACE OF UNDERPINS

UNDERPINNING SEQUENCE FOR GARAGE

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FOR DIMENSIONS SEE ARCHITECTURAL PLANS
CONCEPT ONLY: DO NOT BUILD FROM THESE SKETCHES



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CONSTRUCTION SEQUENCE METHODOLOGY: PROPOSED UNDERPINNING SEQUENCE

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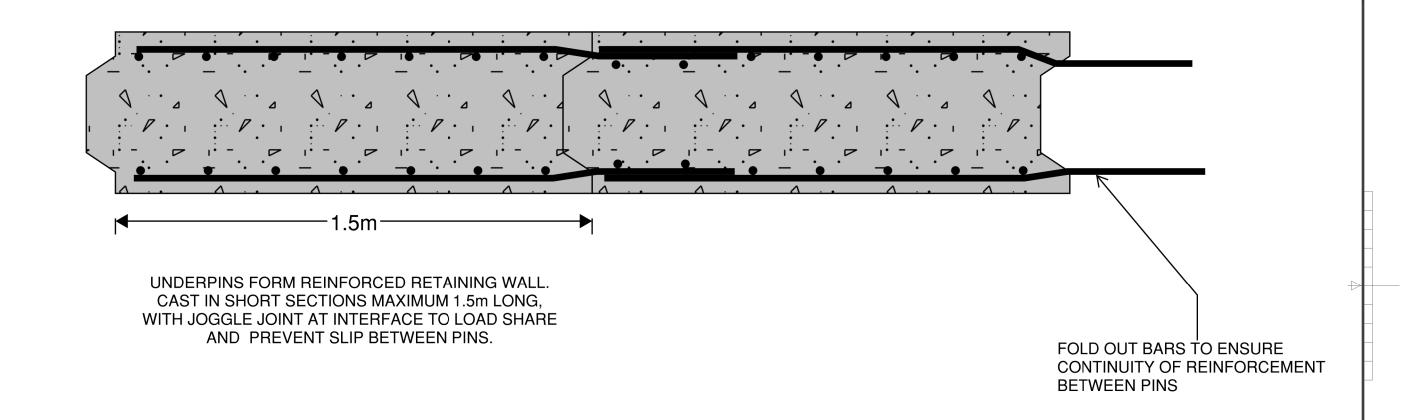
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PLAN THROUGH TYPICAL UNDERPINS

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CONSTRUCTION SEQUENCE METHODOLOGY: PROPOSED UNDERPINNING SEQUENCE

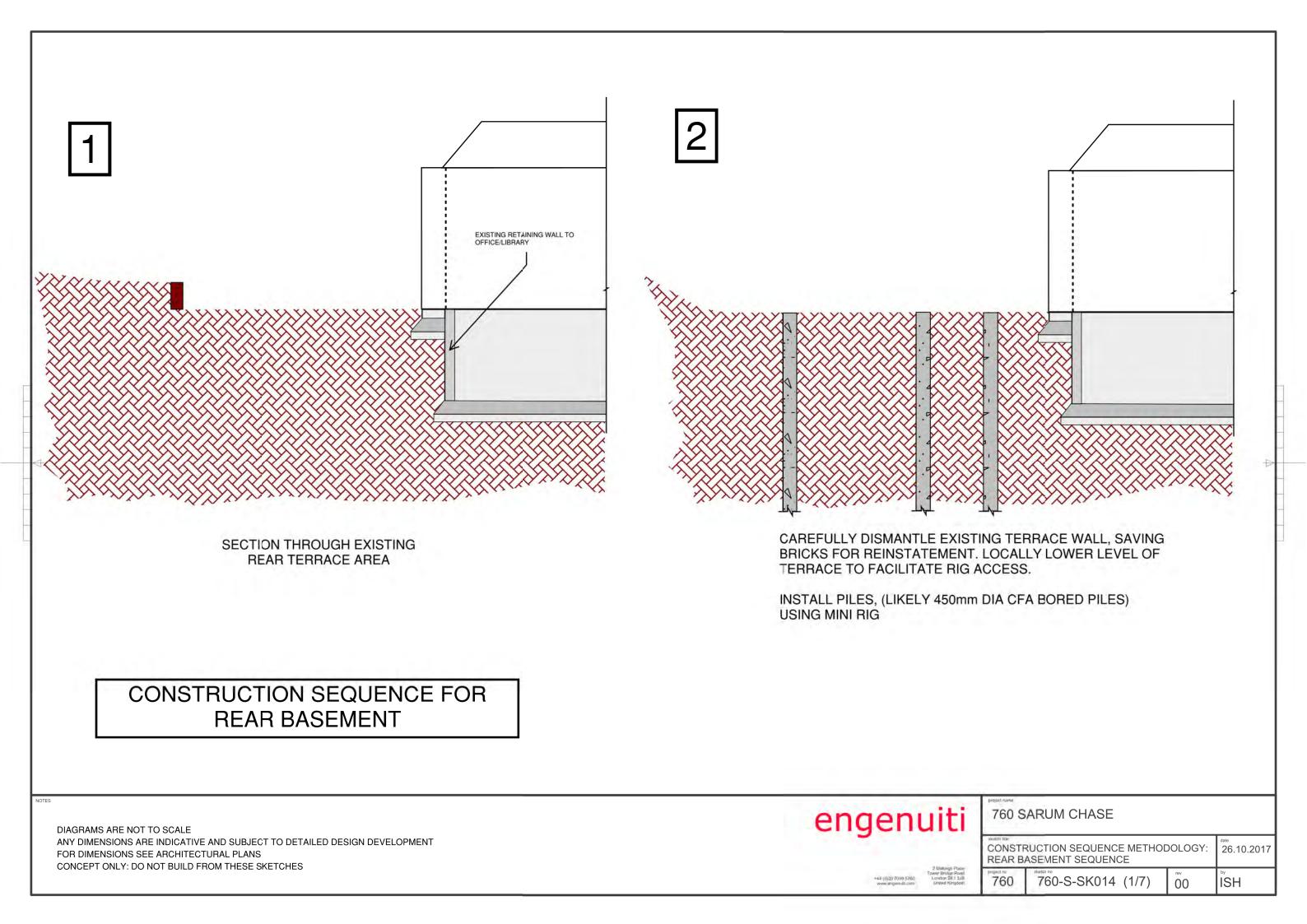
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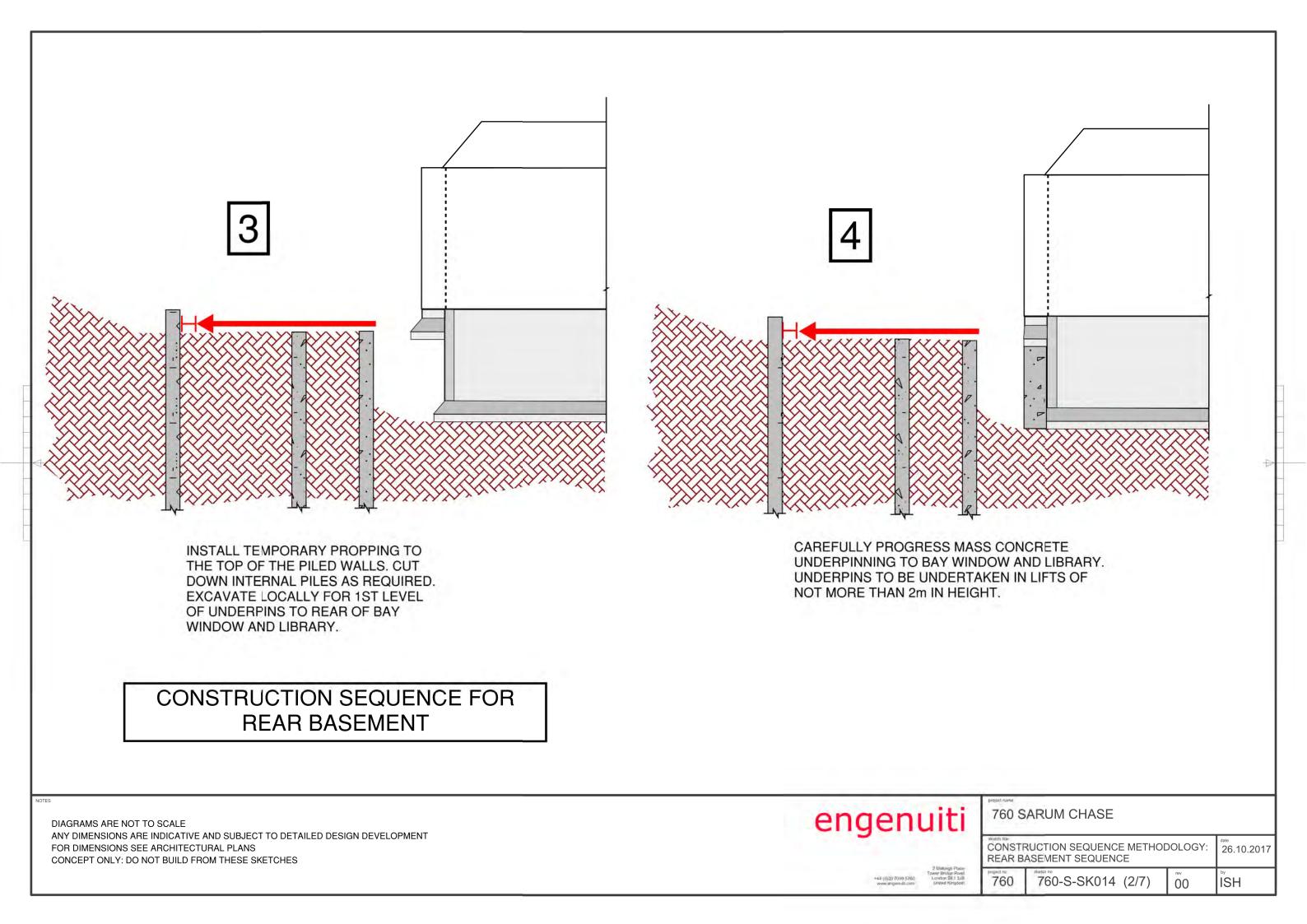
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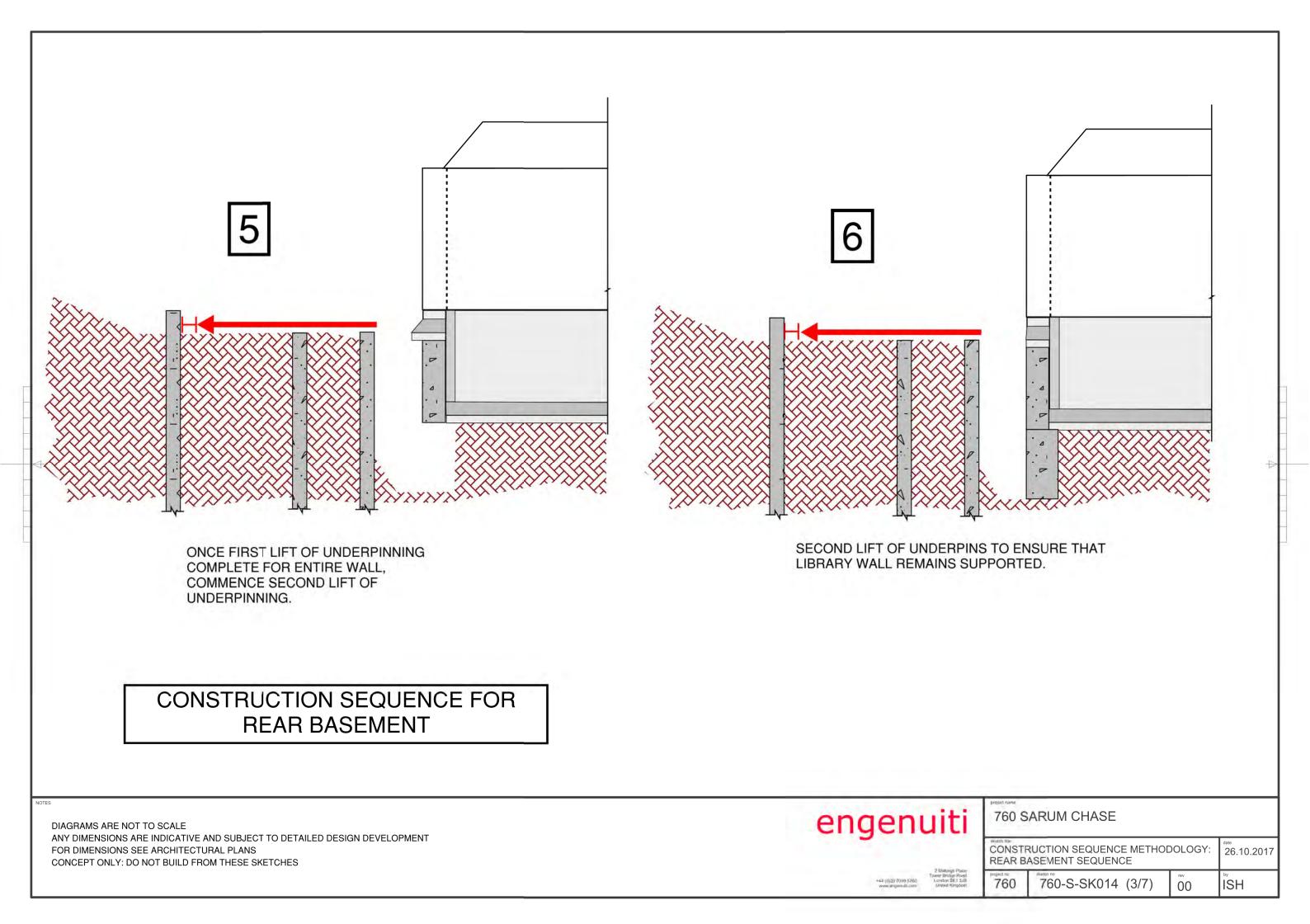
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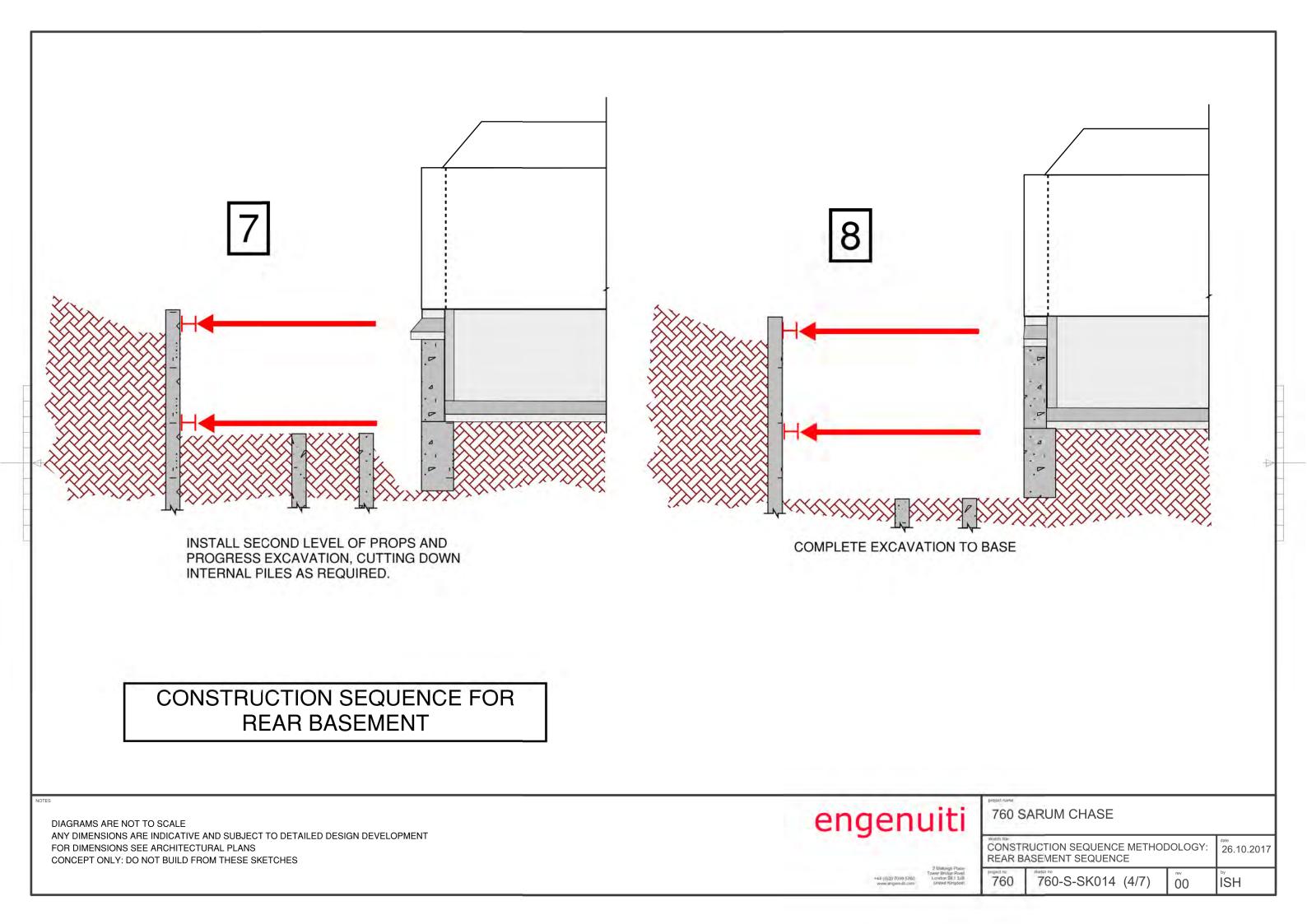
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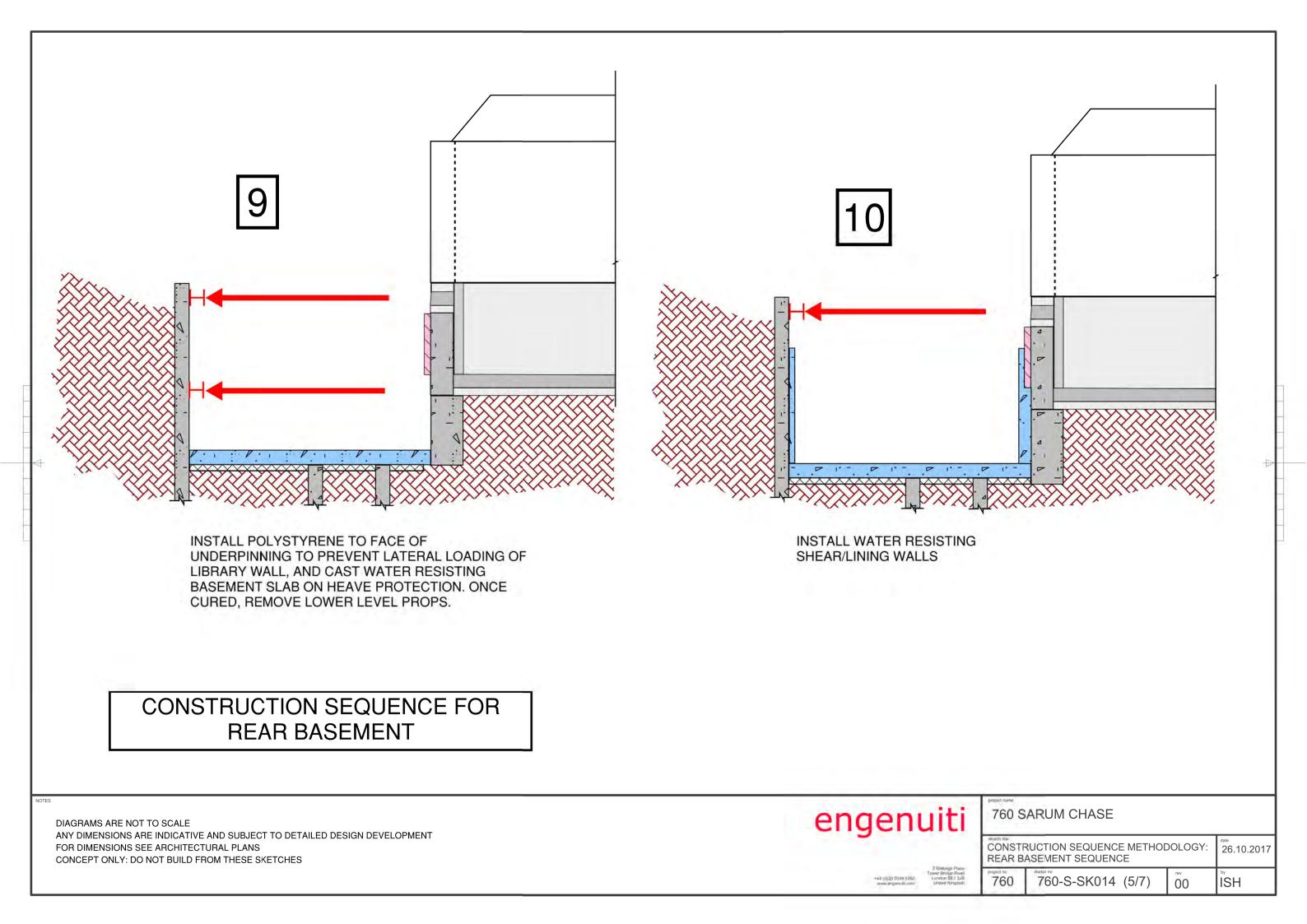
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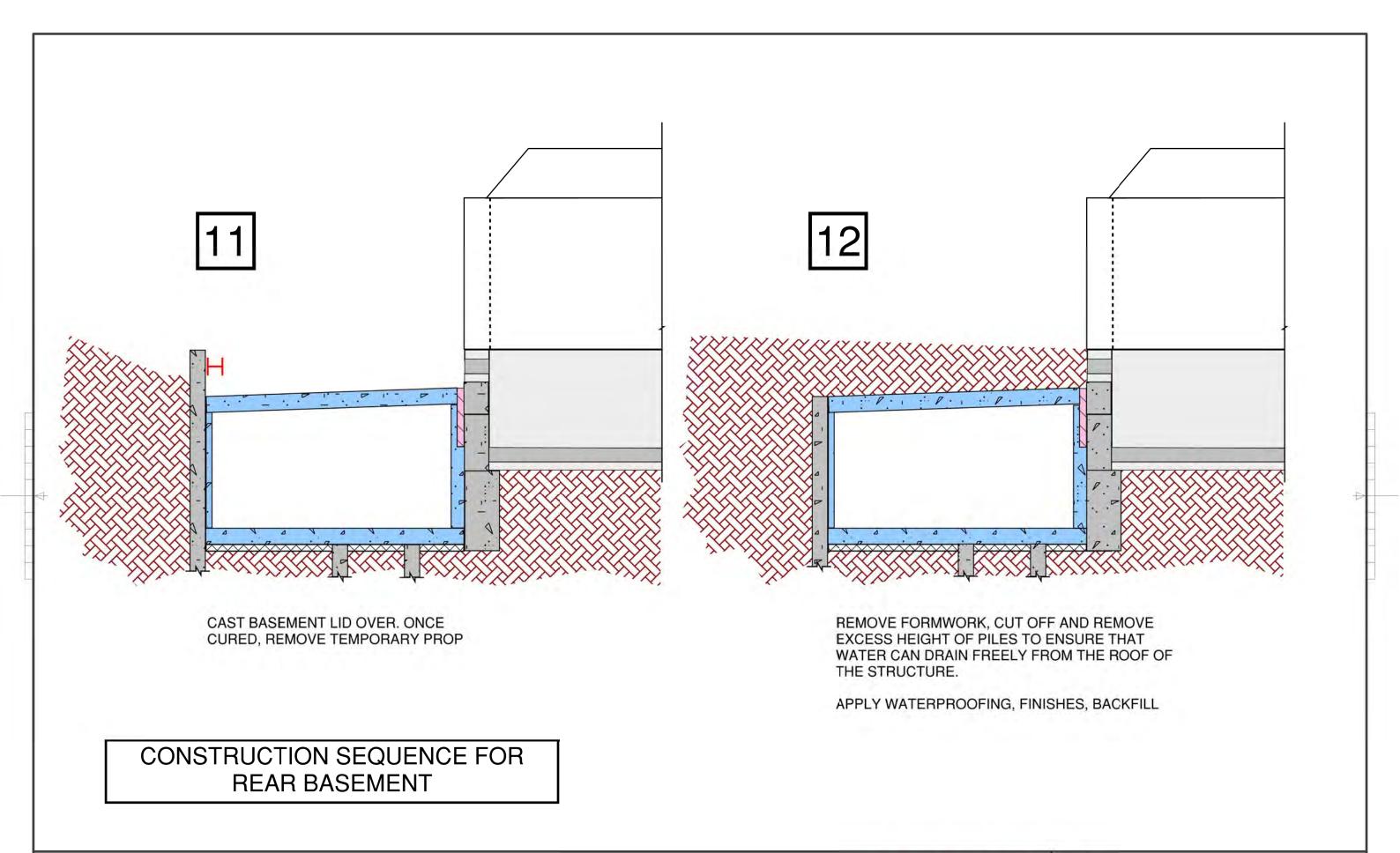












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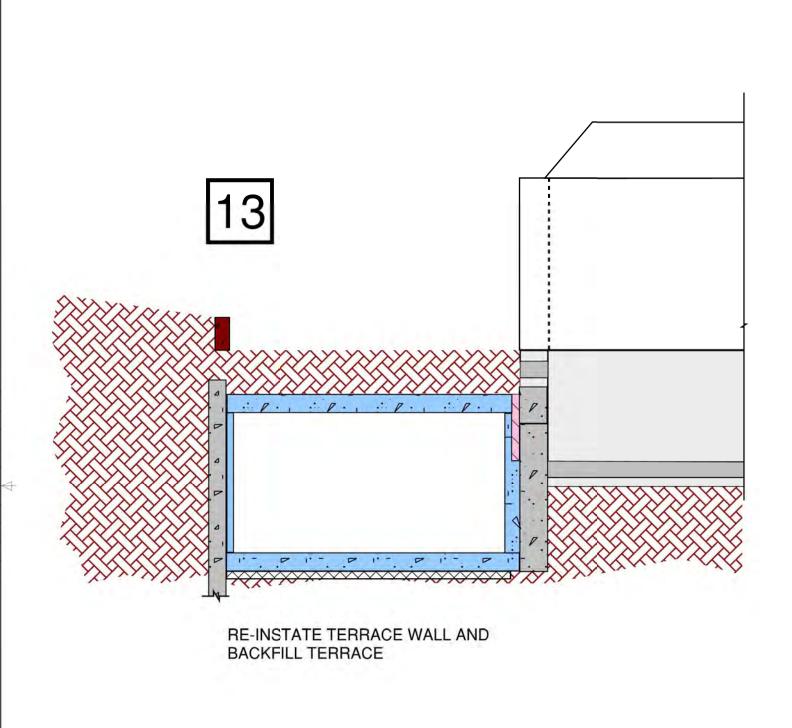
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CONSTRUCTION SEQUENCE FOR **REAR BASEMENT**

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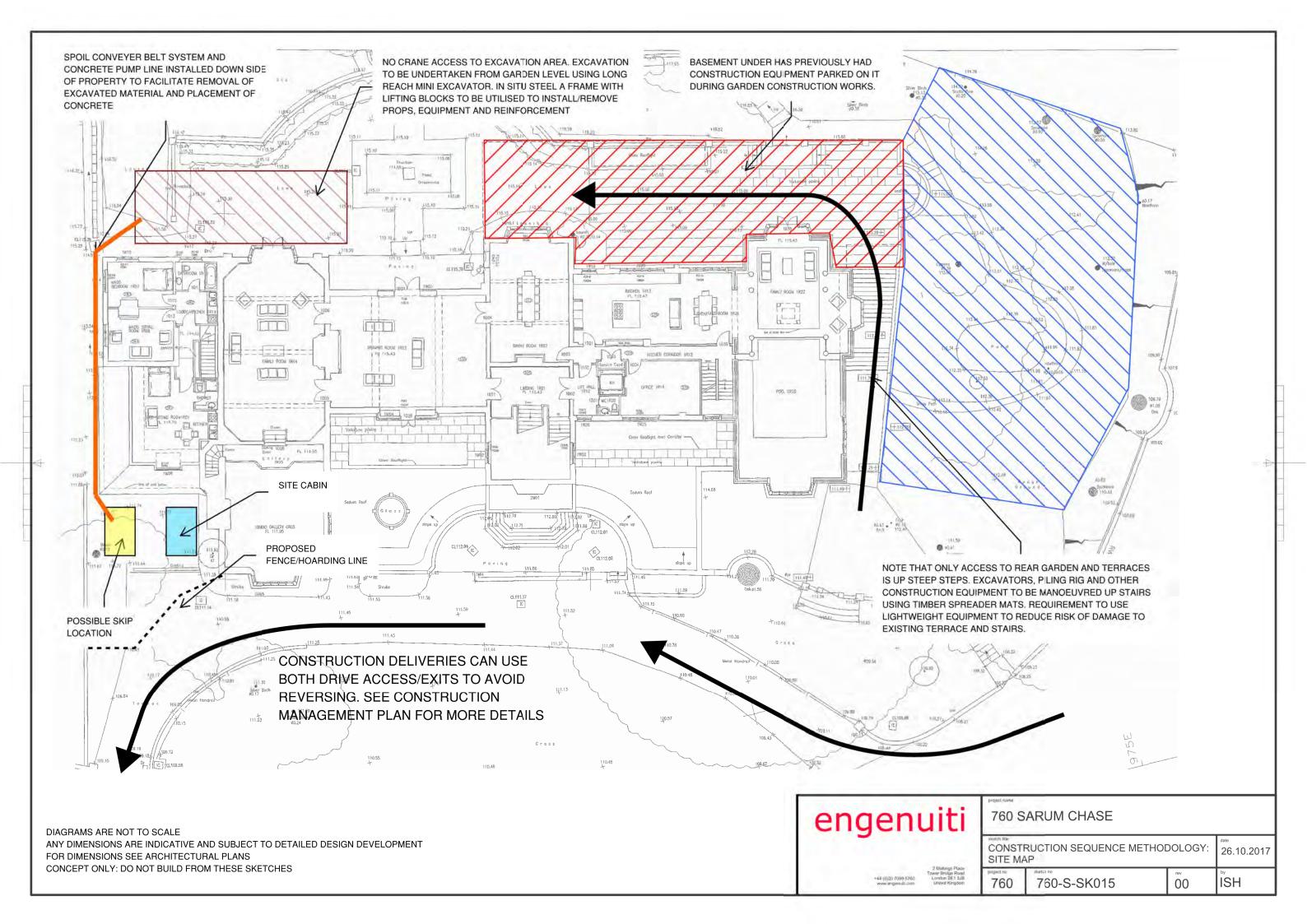
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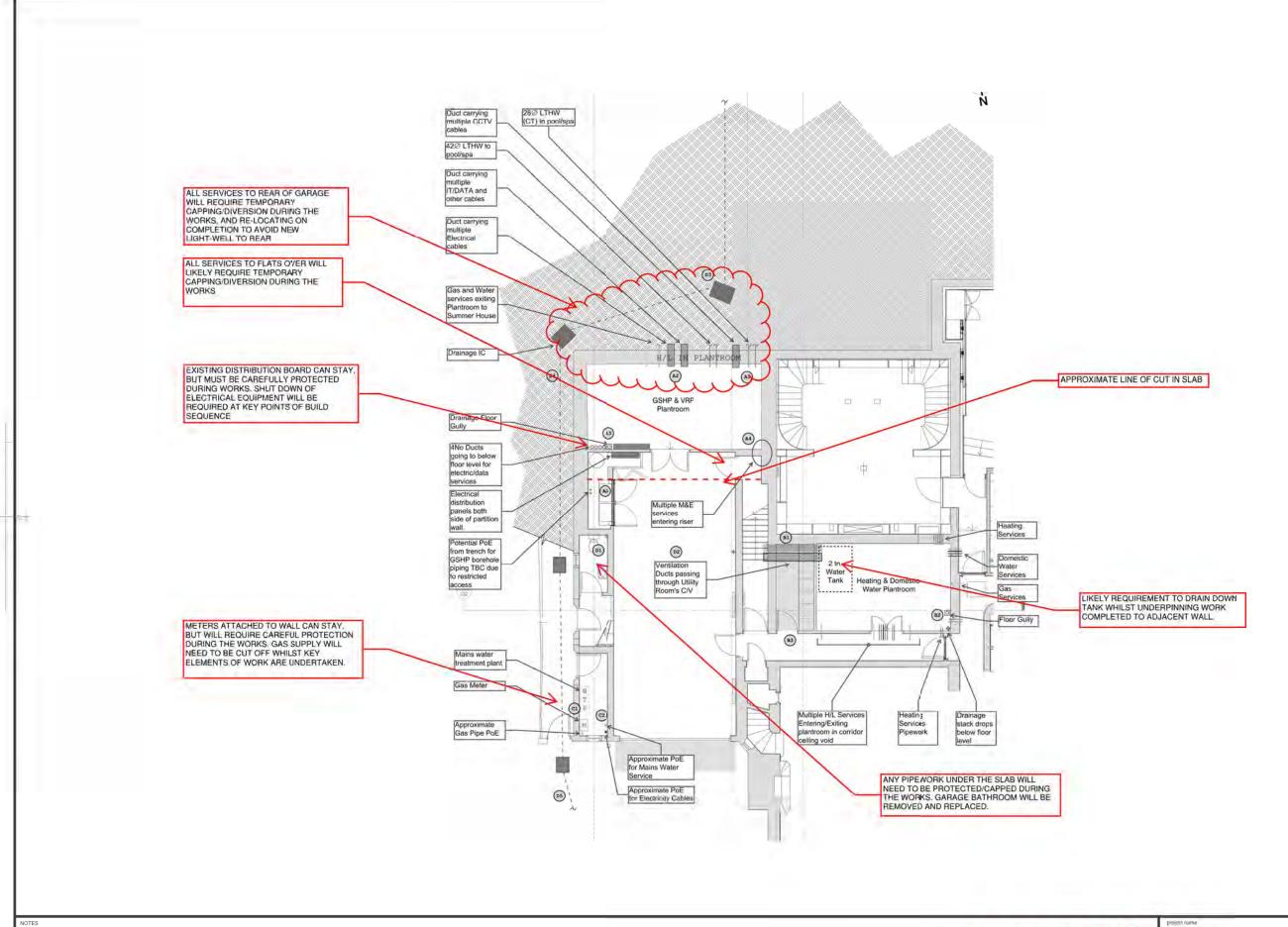
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