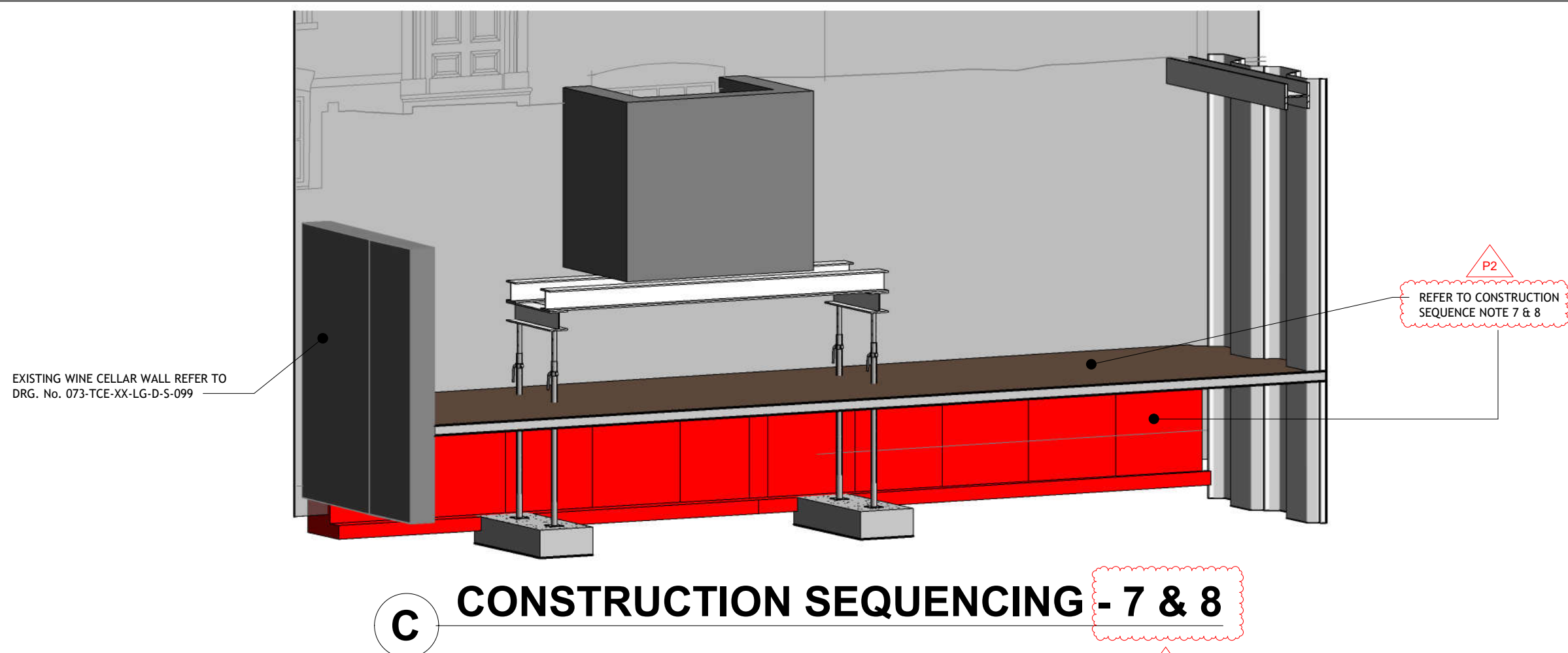
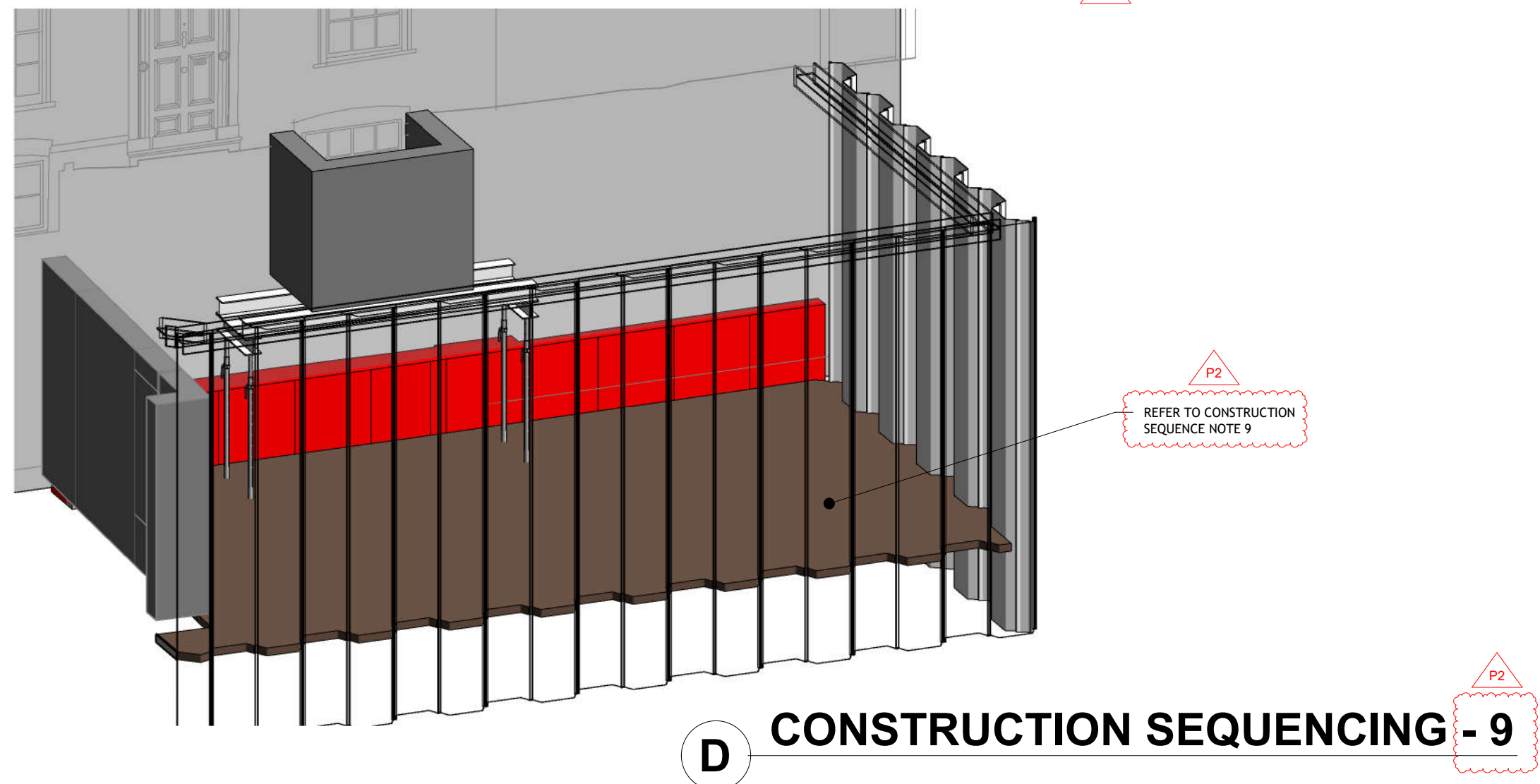


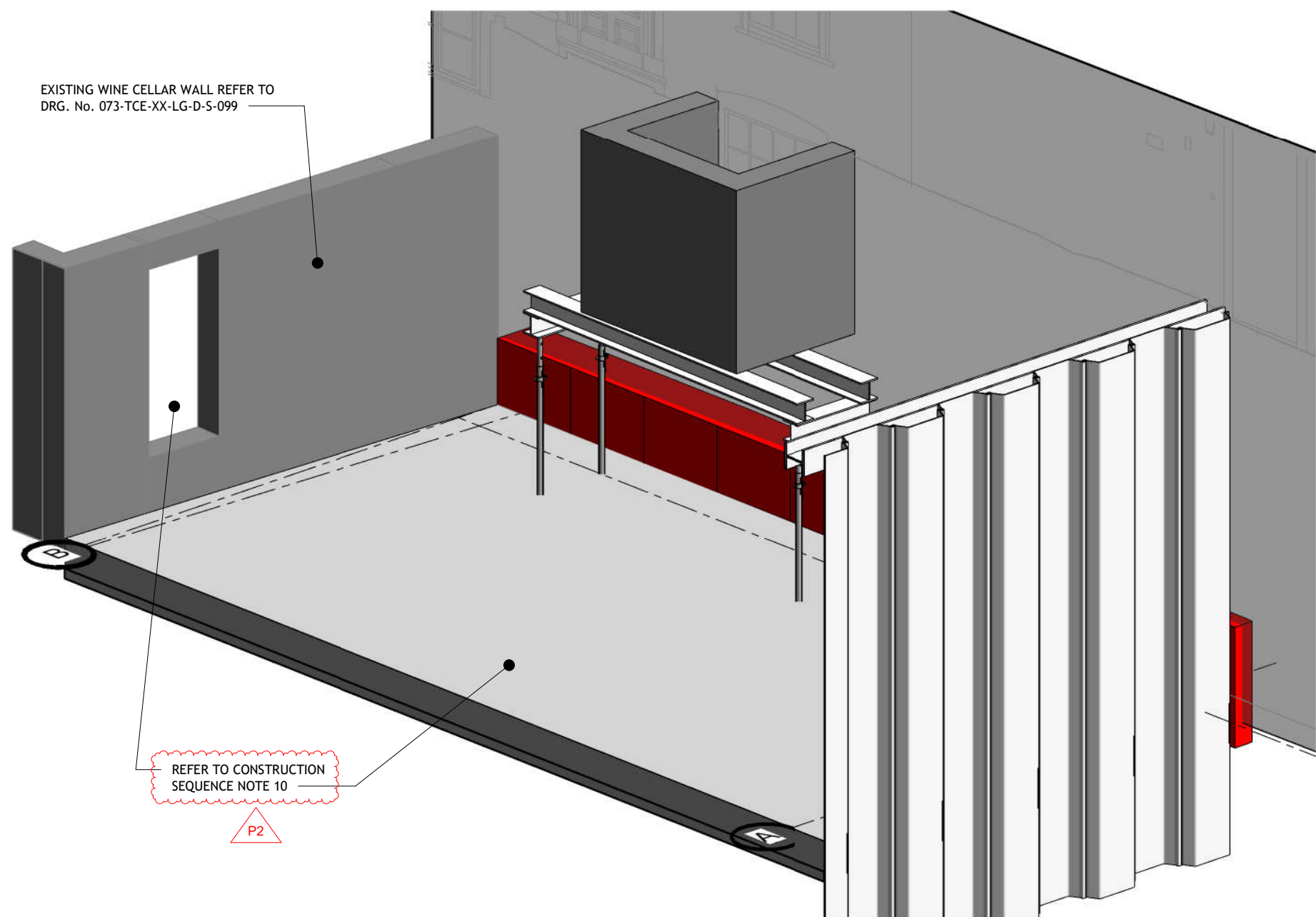
A CONSTRUCTION SEQUENCING - 3 TO 6



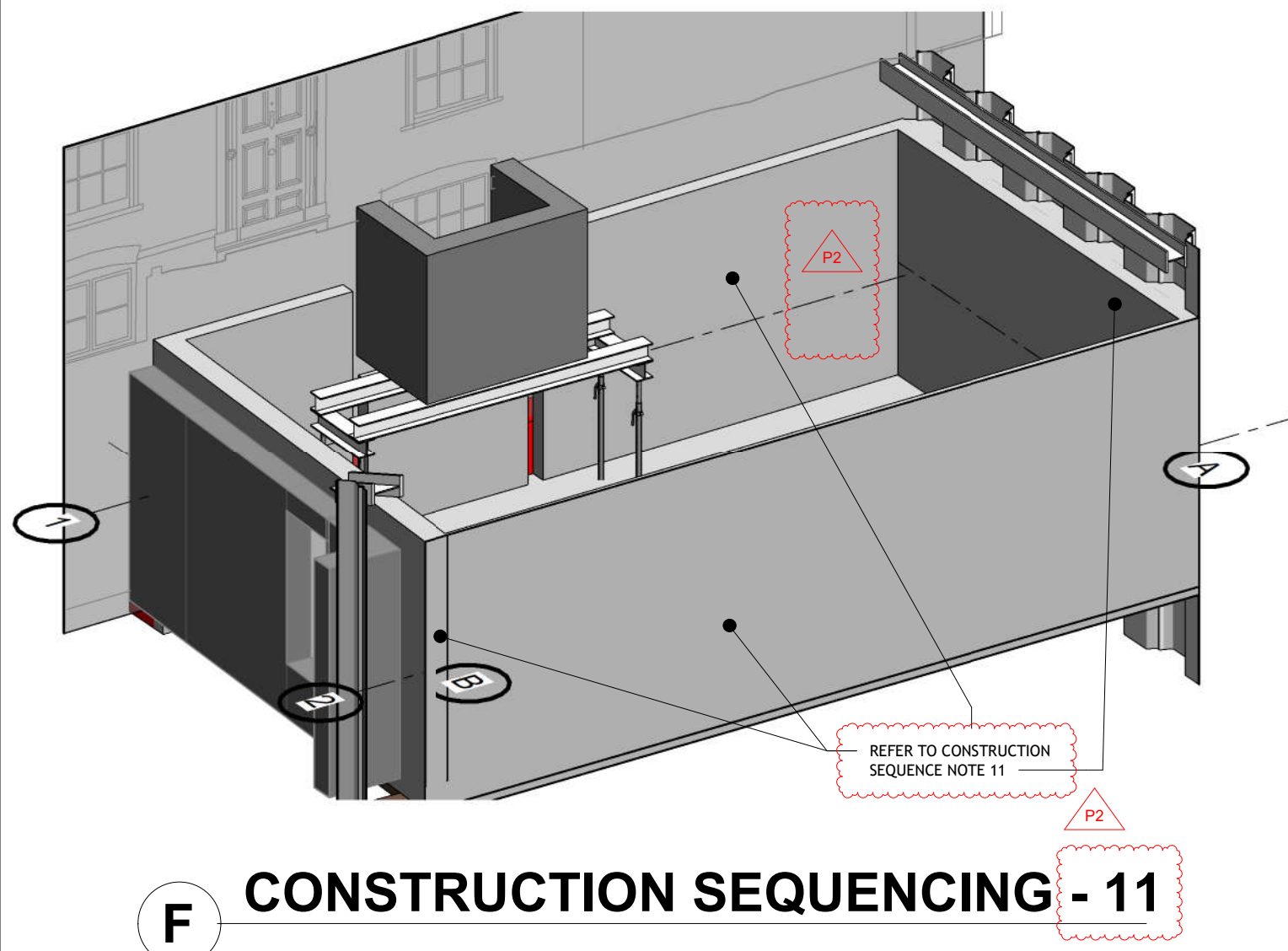
C CONSTRUCTION SEQUENCING - 7 & 8



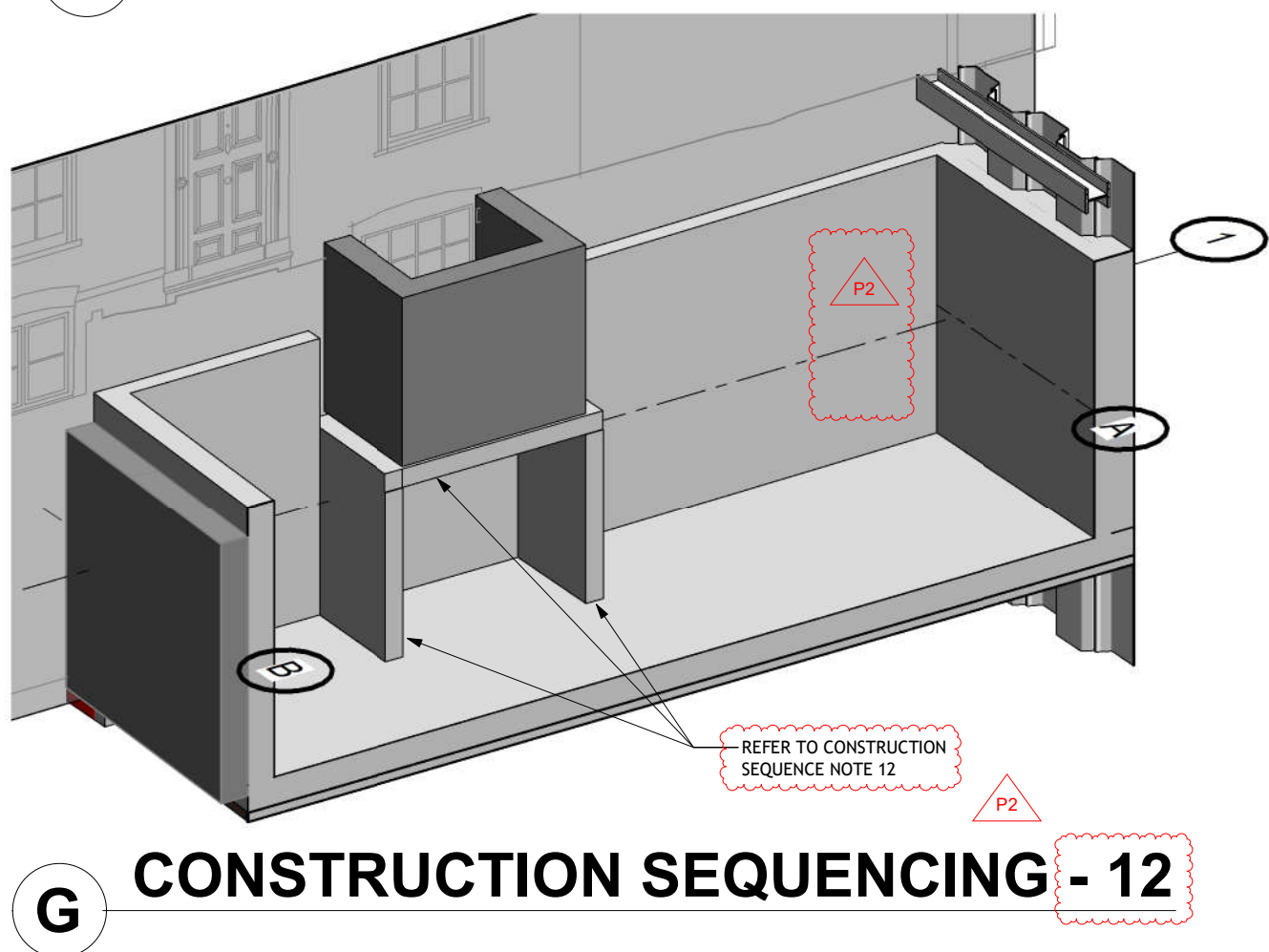
D CONSTRUCTION SEQUENCING - 9



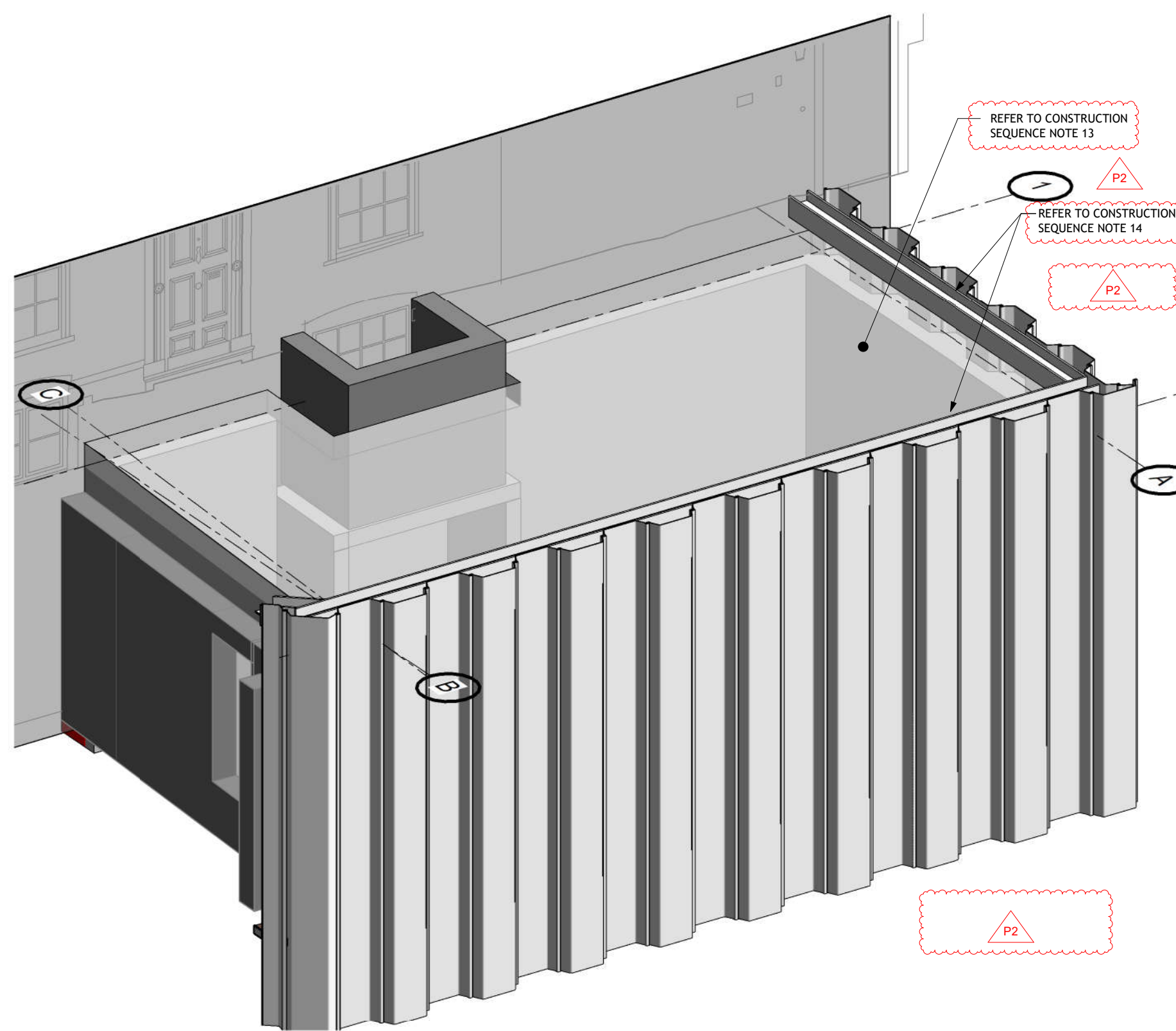
E CONSTRUCTION SEQUENCING - 10



F CONSTRUCTION SEQUENCING - 11



G CONSTRUCTION SEQUENCING - 12



H CONSTRUCTION SEQUENCING - 13 & 14

Notes:

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- ALL LEVELS ARE IN METRES UNO & TO OS DATUM.
- GRIDLINES 2, A & B DEFINED BY INTERNAL FACE OF WALLS. GRIDLINE 1 DIMENSIONED OFF GRIDLINE 2.

CONSTRUCTION SEQUENCING

- LOCATE, TERMINATE AND / OR RELOCATE ANY UNDERGROUND SERVICES AND DRAINAGE ADJACENT OR OVER THE PROPOSED EXCAVATION.
- SET OUT THE POSITION OF THE PROPOSED SHEET PILE WALL - ALONG THE INSIDE FACE OF THE BOUNDARY WALL AND PARALLEL TO BUT OFFSET FROM 5, THE GROVE.
- INSTALL SHEETS SEQUENTIALLY AROUND THESE TWO SIDES OF THE PROPOSED BASEMENT. SHEETS MUST HAVE SUFFICIENT EMBEDMENT IN THE GROUND, BELOW THE PROPOSED BASEMENT FORMATION LEVEL TO ADEQUATELY RESIST THE LATERAL EARTH PRESSURES ACTING BEHIND THE WALL. THE OTHER TWO SIDES OF THE BASEMENT WILL NOT REQUIRE TEMPORARY SHEET'S AS THEY ARE FORMED BY EXISTING LOWER GROUND / BASEMENT STRUCTURES.
- ONCE THE SHEET PILES ARE INSTALLED, PARTIALLY EXCAVATE DOWN TO THE BASE LEVEL OF THE LIGHTWELL FOUNDATIONS GENTLY BATTERING BACK TO THE SHEET PILE WALL UNTIL SUCH TIME AS THE WALING BEAMS AROUND THE TOP OF THE SHEET PILES HAVE BEEN INSTALLED.
- AT THIS POINT, WITH THE GROUND LEVEL LATERAL PROPPING OF THE SHEET PILE WALLS IN PLACE THE EXCAVATION MAY BE LEVELLED.
- EITHER SIDE OF THE NORTHERN LIGHTWELL, EXCAVATE TWO PITS, DOWN TO BELOW NEW FORMATION, AND FORM NEW PAD FOUNDATIONS FOR TEMPORARY LIGHTWELL-SUPPORTS. INSTALL NEEDLES BELOW THE BASE OF THE LIGHTWELL AND SUPPORT THESE WITH VERTICAL PROPS INSTALLED WITHIN THE PITS ONTO THE PREVIOUSLY FORMED FOUNDATIONS.
- REDUCE THE GROUND LEVEL GENERALLY TO THE BASE OF THE EXISTING LOWER GROUND FOUNDATIONS.
- EXCAVATE LOCALLY AND UNDERPIN, IN SEQUENCE, THE FRONT PERIMETER WALL OF THE EXISTING HOUSE AND, IF NECESSARY, THE EXISTING BASEMENT WINE CELLAR THEREBY TRANSFERRING THE EXISTING GRAVITATIONAL LOADS DOWN TO THE NEW BASEMENT FOUNDING LEVEL.
- EXCAVATE TO BASEMENT FORMATION LEVEL.
- PREPARE FORMATION AND CAST THE BASEMENT REINFORCED CONCRETE RAFT SLAB, LEAVING VERTICAL STARTER BARS FOR THE PERIMETER WALLS OF THE NEW BASEMENT. CREATE AN ACCESS OPENING INTO THE MASONRY WALL OF THE EXISTING WINE CELLAR.
- CAST THE WALLS TO THE UNDERSIDE OF THE BASEMENT ROOF SLAB HAVING CREATED CUT-OUTS IN THE WALING BEAMS TO FACILITATE THE POURING AND COMPACTING OF THE CONCRETE.
- FORM AND CAST THE RC WALLS AND SLAB OF THE NEW PERMANENT SUPPORT STRUCTURE OF THE RETAINED LIGHTWELL AND REMOVE TEMPORARY SUPPORTS.
- FORM AND CAST THE BASEMENT ROOF SLAB, THUS COMPLETING THE "BASEMENT-BOX".
- DISASSEMBLE AND REMOVE TEMPORARY WALING BEAMS AND DIAGONAL STRUTS AT GROUND LEVEL.

P2	29/11/23	SCL	ISSUED FOR INFORMATION, REVISED AS	JF
P1	21/06/23	SCL	ISSUED FOR INFORMATION	JF
Rev	Date	By	Description	Appd



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Architect

SODA

Project Title :

No 4 THE GROVE, HIGHGATE, LONDON.

Drawing Title :

CONSTRUCTION SEQUENCE

Scale at A1 : 1 : 75	Drawn By : SCL	Start Date : 06/15/23
Project No : SE-23-0073	Drawing Status : FOR INFORMATION ONLY	

Drawing No :
073-TCE-XX-ZZ-D-S-216

P2