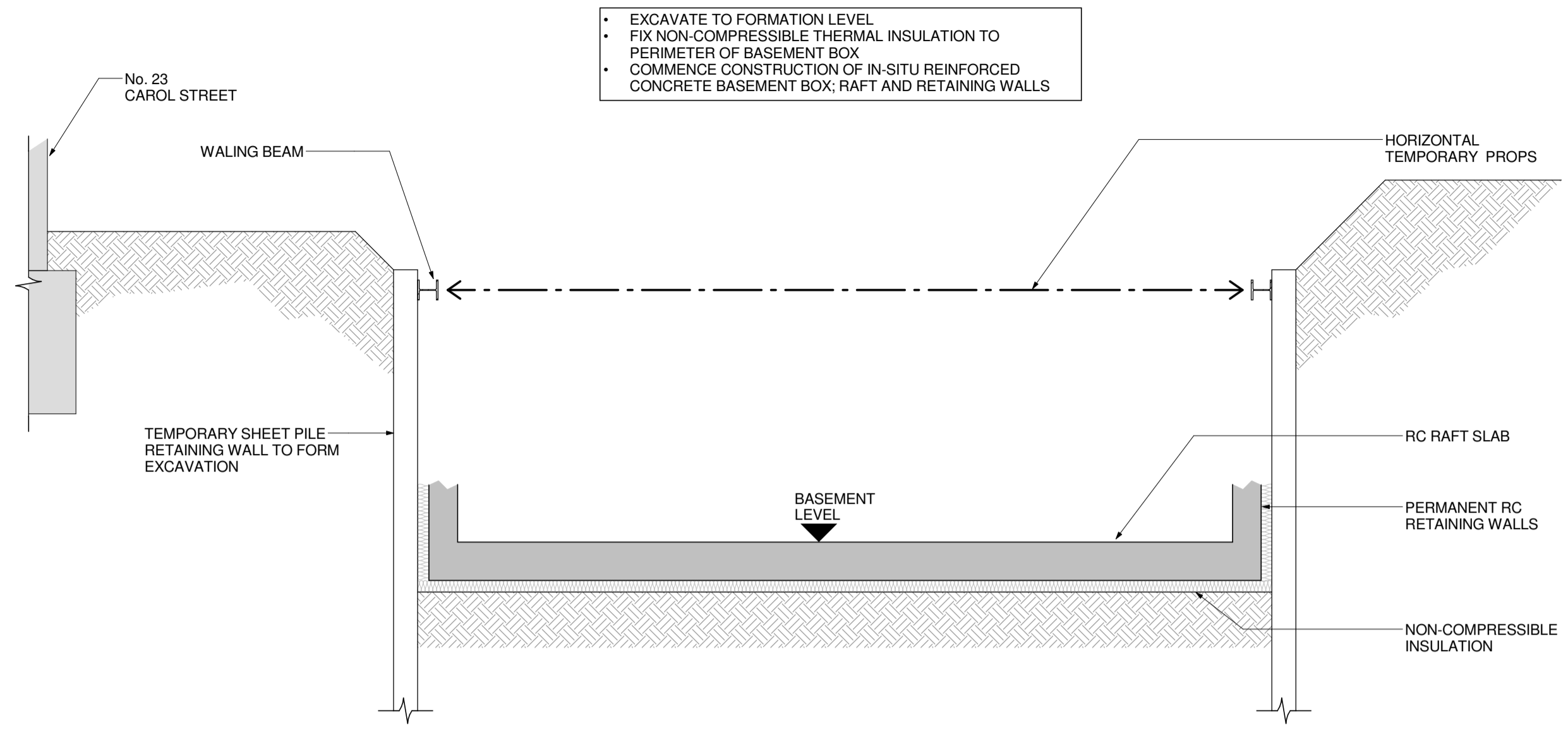


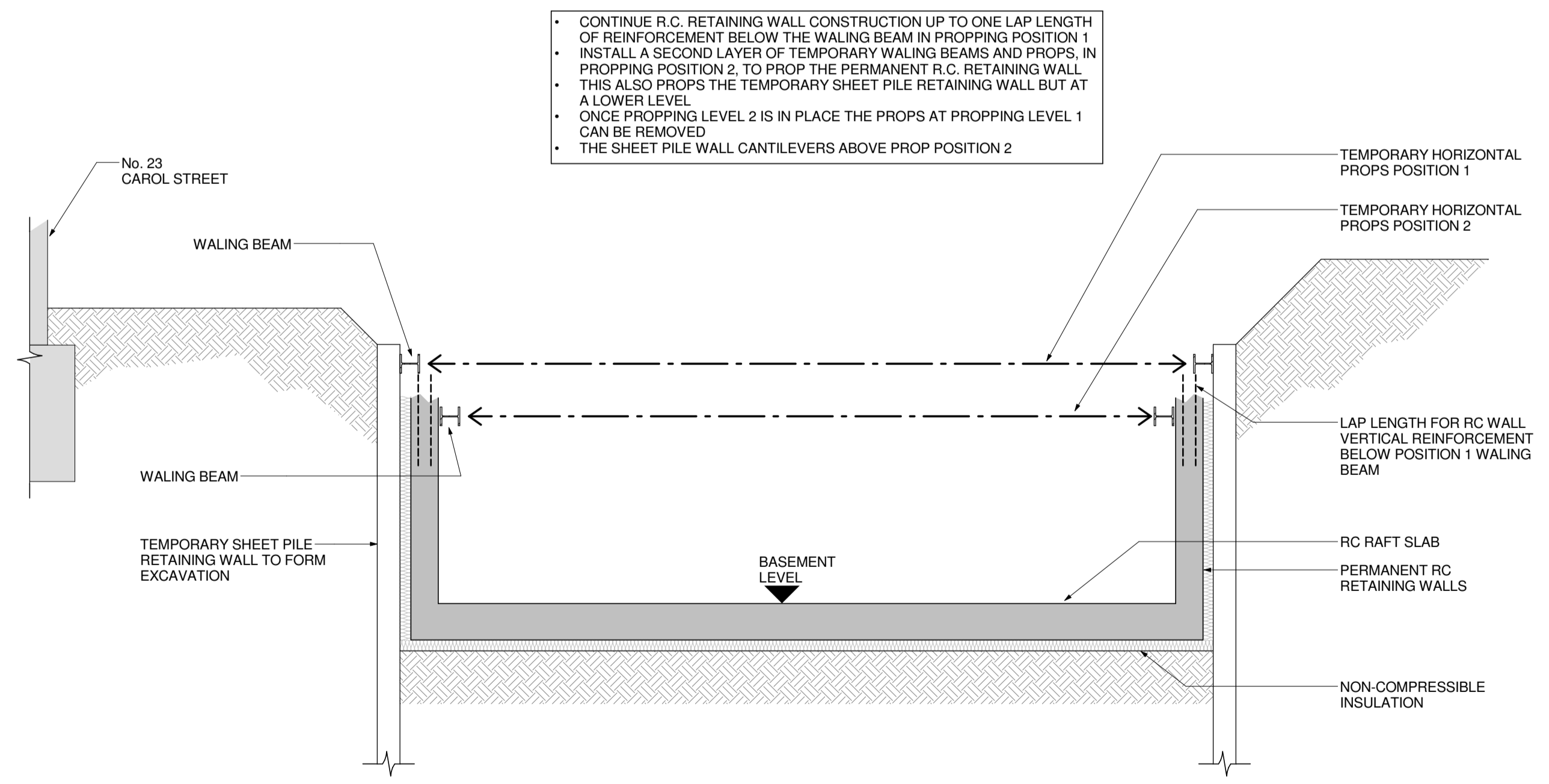
- INSTALL TEMPORARY SHEET PILES, TOP LEVEL JUST BELOW UNDERSIDE OF PROPOSED GROUND FLOOR SLAB
- EXCAVATE TO UNDERSIDE OF PROPPING POSITION 1
- INSTALL TEMPORARY WALING BEAMS AND HORIZONTAL PROPS, IN POSITION 1, TO PROP TOP OF SHEET PILE WALL

Stage 1
Scale 1 : 50



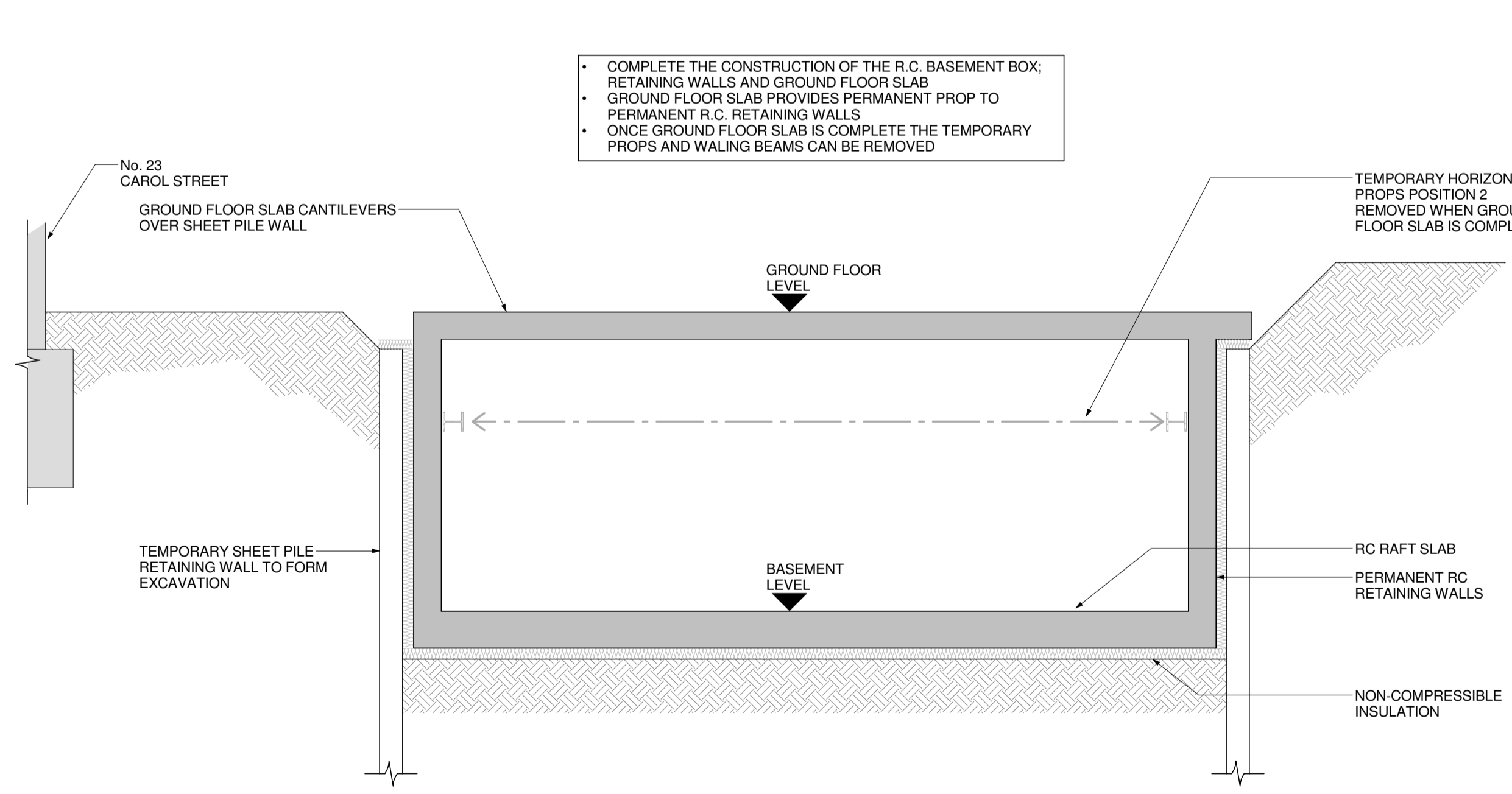
- EXCAVATE TO FORMATION LEVEL
- FIX NON-COMPRESSIBLE THERMAL INSULATION TO PERIMETER OF BASEMENT BOX
- COMMENCE CONSTRUCTION OF IN-SITU REINFORCED CONCRETE BASEMENT BOX; RAFT AND RETAINING WALLS

Stage 2
Scale 1 : 50



- CONTINUE R.C. RETAINING WALL CONSTRUCTION UP TO ONE LAP LENGTH OF REINFORCEMENT BELOW THE WALING BEAM IN PROPPING POSITION 1
- INSTALL A SECOND LAYER OF TEMPORARY WALING BEAMS AND PROPS, IN PROPPING POSITION 2, TO PROP THE PERMANENT R.C. RETAINING WALL
- THIS ALSO PROPS THE TEMPORARY SHEET PILE RETAINING WALL BUT AT A LOWER LEVEL
- ONCE PROPPING LEVEL 2 IS IN PLACE THE PROPS AT PROPPING LEVEL 1 CAN BE REMOVED
- THE SHEET PILE WALL CANTILEVERS ABOVE PROP POSITION 2

Stage 3
Scale 1 : 50



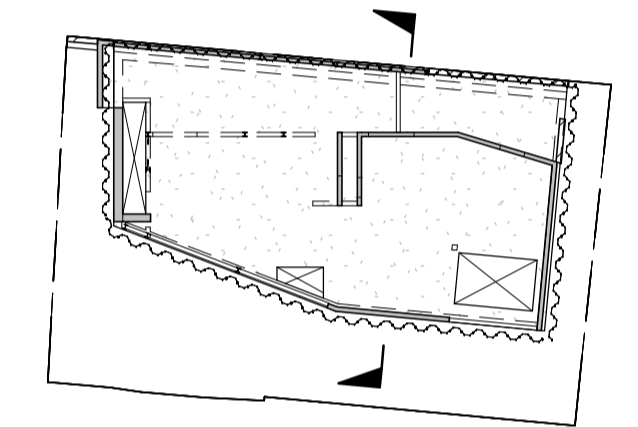
- COMPLETE THE CONSTRUCTION OF THE R.C. BASEMENT BOX; RETAINING WALLS AND GROUND FLOOR SLAB
- GROUND FLOOR SLAB PROVIDES PERMANENT PROP TO PERMANENT R.C. RETAINING WALLS
- ONCE GROUND FLOOR SLAB IS COMPLETE THE TEMPORARY PROPS AND WALING BEAMS CAN BE REMOVED

Stage 4
Scale 1 : 50

- NOTES
1. DO NOT SCALE FROM THIS DRAWING
 2. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS INFORMATION

ALLOW FOR GROUND WATER DEWATERING SYSTEM DURING BASEMENT CONSTRUCTION. GROUND INVESTIGATION REVISED GROUND WATER LEVEL - 1.23m BELOW EXISTING GROUND LEVEL. GIVEN THE PRESENCE OF A NON-AQUIFER BELOW THE SITE IT IS LIKELY THAT THE GROUNDWATER RECORDED WITHIN THESE SOILS RELATES TO PERCHED WATER WITHIN THE MADE GROUND AND WATER WITHIN MORE PERMEABLE POCKETS IN THE CLAY AND IS RECHARGED VIA INTERMITTENT SEEPAGES FROM SURFACE WATER ASSOCIATED WITH WEATHER CONDITIONS RATHER THAN ANY LARGE SCALE SUBTERRANEAN GROUNDWATER FLOW

ALLOW FOR SUPER BRACING STRUTS (SBS) SYSTEM BY MABEY HIRE SERVICES OR SIMILAR APPROVED. THE STRUTS TO BE USED IN COMBINATION WITH MABEY HIRE SERVICES SUPER STRUCTURE (WALING). EACH STRUT TO HAVE ADJUSTABLE HYDRAULIC UNIT. ALTERNATIVELY ALLOW FOR TEMPORARY PROPPING TO BE CONSTRUCTED WITH STEEL HOT ROLLED SECTIONS (MIN. 118kg/m). FINAL TEMPORARY WOKS DESIGN TBC BY TEMPORARY WOKS SPECIALISTS



Key Plan

T1	17.08.18	ISSUED FOR TENDER	DJP	BS
Rev	Date	Amendments	By	Chkd

engineersHRW
London 0207 407 9575 Oxford 01865 251 206 www.ehrw.co.uk

Project:
Carol Street N1

Drawing title:
Indicative Construction Sequence

Scale at A1:	Drawn by:	Date:	Chkd by:
As indicated	EP	July 2017	AB

TENDER

Project Number:	Drawing Type:	Drawing No:	Revision:
1402	CS	080	T1

