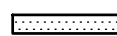
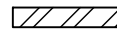




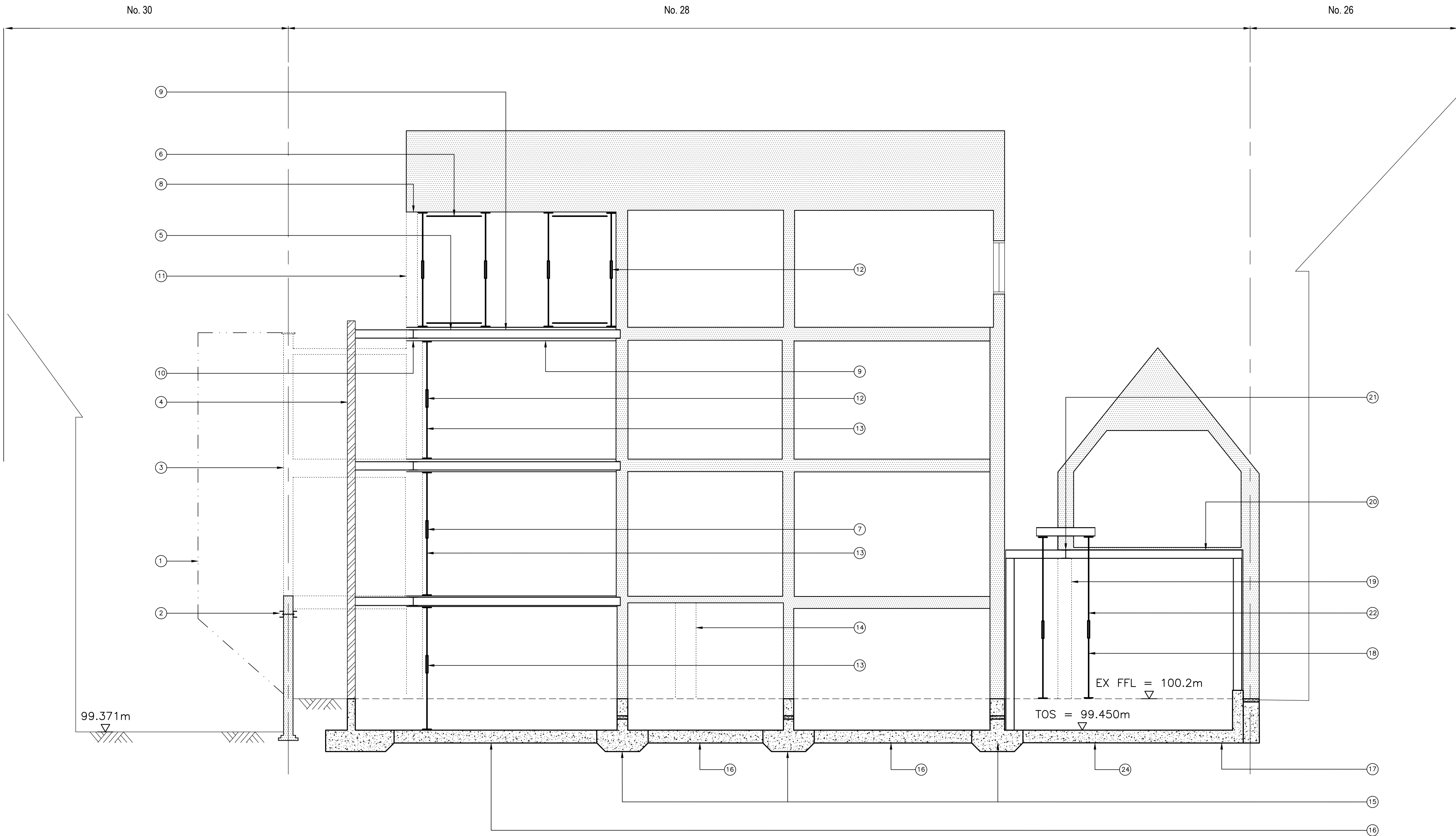
REFER TO ARCHITECT'S DRAWINGS FOR ALL SETTING OUT DETAILS

THIS DRAWING TO BE READ IN CONJUNCTION WITH PLAN ON DRG. No. 19117-TW01

SEQUENCE OF TEMPORARY WORKS TO BE CONSIDERED PRELIMINARY AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND SEQUENCING OF ALL TEMPORARY WORKS AND MUST ENSURE THAT STABILITY OF THE STRUCTURE IS NOT COMPROMISED DURING THE WORKS

LEGEND

-  DENOTES EXISTING MASONRY OR TIMBER STRUCTURE
-  DENOTES NEW MASONRY WALLS BUILT IN 19N/mm<sup>2</sup> COMPRESSIVE STRENGTH BRICKWORK AND GRADE III MORTAR
-  DENOTES WALL TO BE DEMOLISHED
-  DENOTES EXISTING FINISHES FLOOR LEVEL / TOP OF SLAB LEVEL



Notes

- This drawing is to be read in conjunction with all relevant Architects & Engineers drawings and specifications
  - Do not scale from this drawing
- TEMPORARY WORKS SEQUENCE
- INSTALL SCAFFOLDING STRUCTURE /DEBRIS FALL PROTECTION NET
  - INSTALL STEEL WORK BELOW BASEMENT CEILING TO RESTRAIN THE EXISTING MASONRY WALL
  - DEMOLISH GROUND FLOOR (GF) FIRST FLOOR (1F) SIDE EXTENSION
  - CAST FOUNDATION AND ERECT NEW MASONRY WALL FROM BASEMENT LEVEL (BL) TO 1F CEILING LEVEL
  - INSTALL NEW STEEL BEAMS TO SPAN SIDE TO SIDE AT 1F CEILING LEVEL
  - INSTALL TEMPORARY PROPS ABOVE NEW STEEL BEAMS SUPPORTING THE ROOF STRUCTURE
  - INSTALL TEMPORARY PROPS AT BL, GF AND 1F TO SUPPORT EXISTING FLOOR STRUCTURE
  - DEMOLISH MASONRY WALL SUPPORTING THE ROOF STRUCTURE AT SECOND FLOOR (2F) LEVEL
  - CUT BACK EXISTING FLOOR JOISTS AT 2F LEVEL
  - INSTALL SECONDARY STEELWORKS AND RE-SUPPORT EXISTING FLOOR JOISTS ON IT
  - RE-BUILD MASONRY WALL ABOVE THE STEEL BEAM TO SUPPORT THE ROOF STRUCTURE
  - REMOVE TEMPORARY WORKS AT 1F AND 2F LEVELS
  - REPEAT WORKS AT POINTS 9, 10 AND 12 AT BL AND GF LEVEL
  - REMOVE INTERNAL NON-LOAD BEARING MASONRY WALLS FROM TOP TO BOTTOM
  - UNDERPIN EXISTING EXTERNAL AND INTERNAL LOAD BEARING MASONRY WALLS IN "HIT AND MISS" SEQUENCE
  - CAST RC SLABS AND LIFT PIT WITHIN THE AREA OF THE ORIGINAL BUILDING FOOTPRINT
  - CAST RETAINING WALL STEM AND BASE AGAINST MASS CONCRETE PINS IN "HIT AND MISS" SEQUENCE
  - INSTALL TEMPORARY PROPS TO SUPPORT WALL AT GF LEVEL
  - DEMOLISH MASONRY WALL AT BL LEVEL
  - INSTALL STEEL FRAME AT BL CEILING LEVEL
  - INSTALL SECONDARY STEEL BEAM TO SUPPORT MASONRY WALL ABOVE
  - REMOVE TEMPORARY WORKS
  - CAST RC RETAINING WALL WITH THE GARAGE SPACE IN "HIT AND MISS" SEQUENCE
  - CAST RC SLAB WITHIN GARAGE SPACE

Rev	Date	Drwn	Chkd	Amendments

Drawing Status INFORMATION



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Job Title  
28 REDINGTON ROAD  
LONDON  
NW3 7RB

Drawing Title  
GROUND FLOOR PLAN  
SUGGESTED TEMPORARY WORKS

Project	Company	Zones	Level	Type	Role	Number
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19117 - SYM - XX - 00 - DR - S - TW02

Scale: 1:50 @ A1  
Date: 26-11-19

Drawn by: SB  
Checked: DS

Revision :  
P1

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

ALL TEMPORARY WORKS SHALL BE INSTALLED PRIOR TO DEMOLITION WORKS COMMENCING AND REMAIN IN PLACE UNTIL THE PERMANENT STRUCTURE HAS BEEN COMPLETED.

SEQUENCE OF TEMPORARY WORKS TO BE CONSIDERED PRELIMINARY AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND SEQUENCING OF ALL TEMPORARY WORKS AND MUST ENSURE THAT STABILITY OF THE STRUCTURE IS NOT COMPROMISED DURING THE WORKS

CONTRACTOR/SPECIALIST DESIGN ELEMENTS

- ALL TEMPORARY WORKS
- ALL TANKING DETAILS
- ALL REINFORCEMENT DRAWINGS AND BAR BENDING SCHEDULES
- DESIGN OF ALL STEELWORK CONNECTIONS. THE FABRICATOR WILL HAVE TO SUBMIT THEIR CALCULATIONS TO BUILDING CONTROL FOR APPROVAL
- STEEL FABRICATION DRAWINGS
- ALL STAIRCASES, BALUSTRADES, GLASS ELEMENTS AND STRUCTURES AND ALL SECONDARY STEELWORK

PROPOSED METHOD STATEMENT / SUGGESTED SEQUENCE OF WORKS

- 1

INSTALL TRENCH SHEETS
- 2

EXCAVATE TO HALF DEPTH
- 3

INSTALL TOP PROP
- 4

EXCAVATE TO UNDERSIDE NEW FOUNDATION
- 5

INSTALL BOTTOM PROP
- 6

INSTALL RC FOUNDATION BASE
- 7

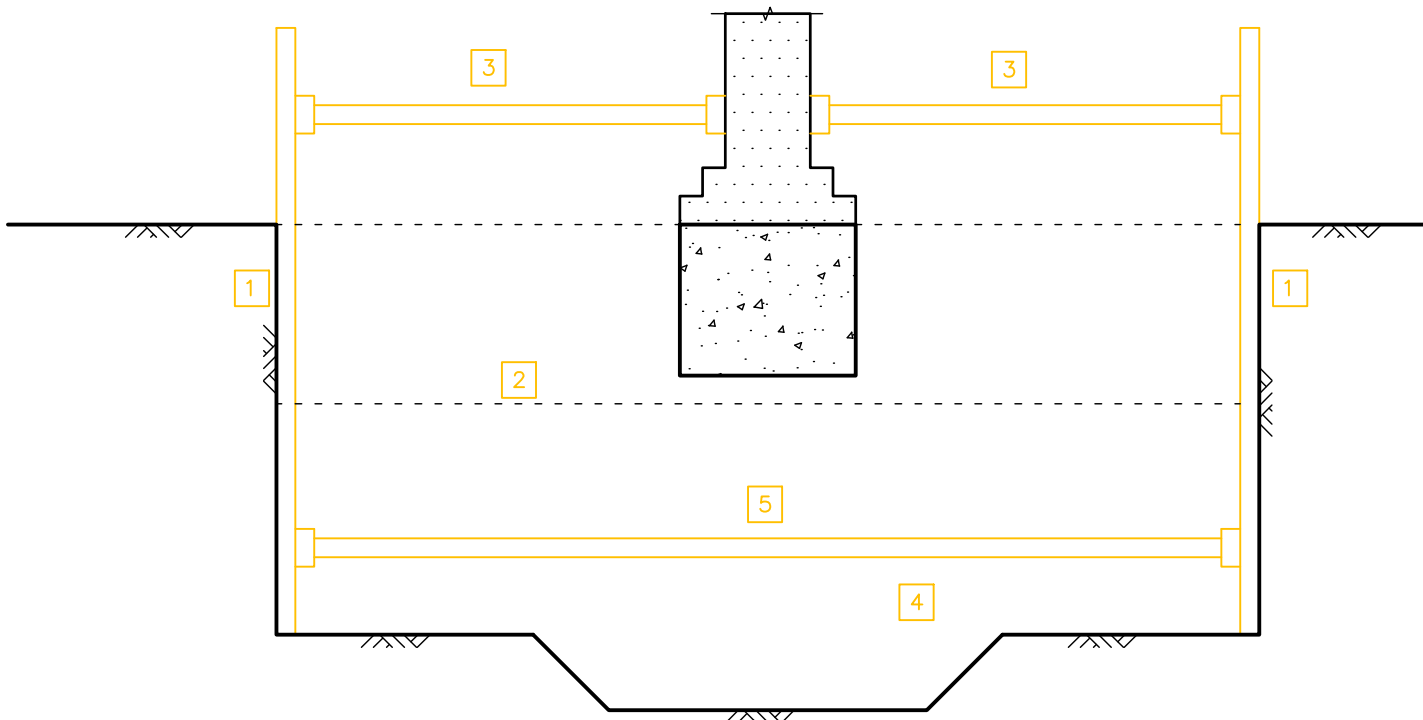
INSTALL MASS CONCRETE FOUNDATION WALL
- 8

DRY PACK TO UNDERSIDE OF EXISTING FOUNDATION AND CAREFULLY DEMOLISH EXISTING FOUNDATIONS CORBEL
- 9

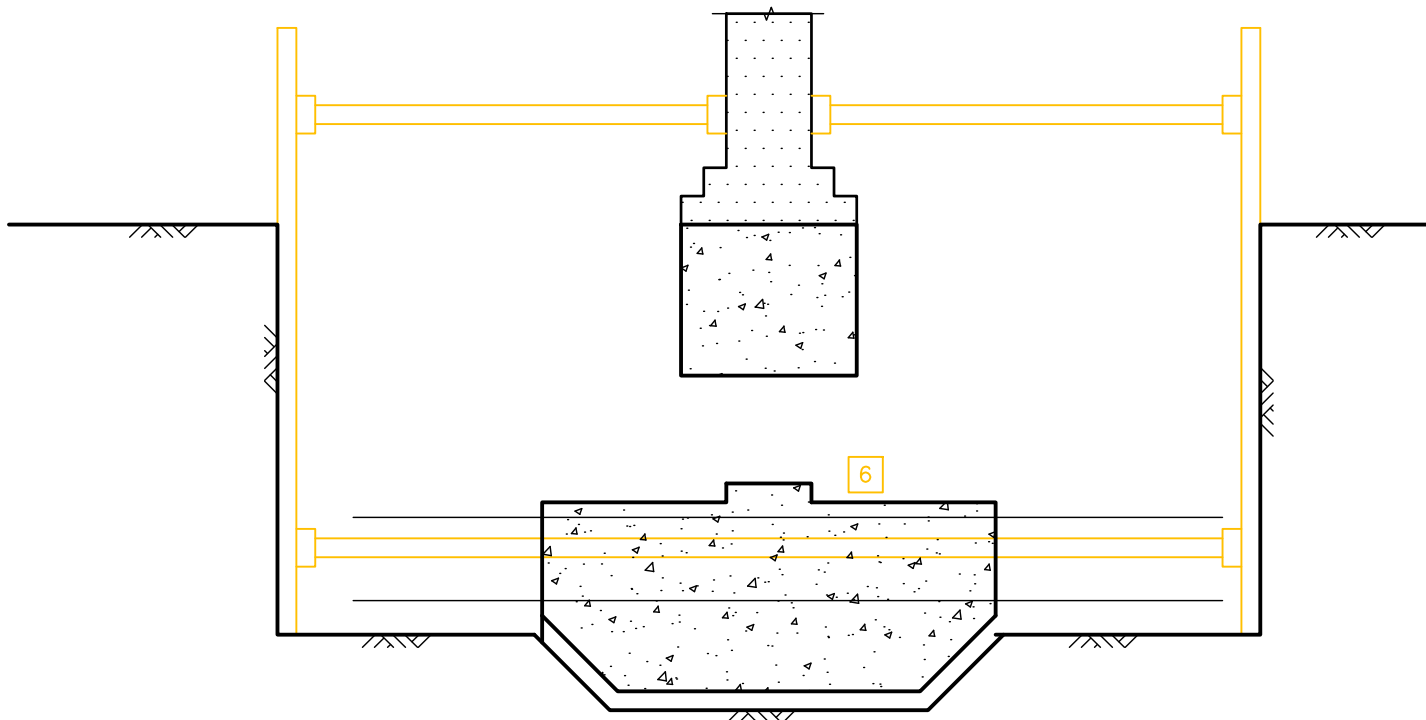
BACK FILL PRIOR TO EXCAVATION OF ADJACENT UNDERPINNING BAY
- 10

EXCAVATE TO BOTTOM OF RC FOUNDATION BASE ONCE ALL THE UNDERPINNING BAYS ARE CAST, CUTTING THE PROPS AT RC WALL FACE
- 11

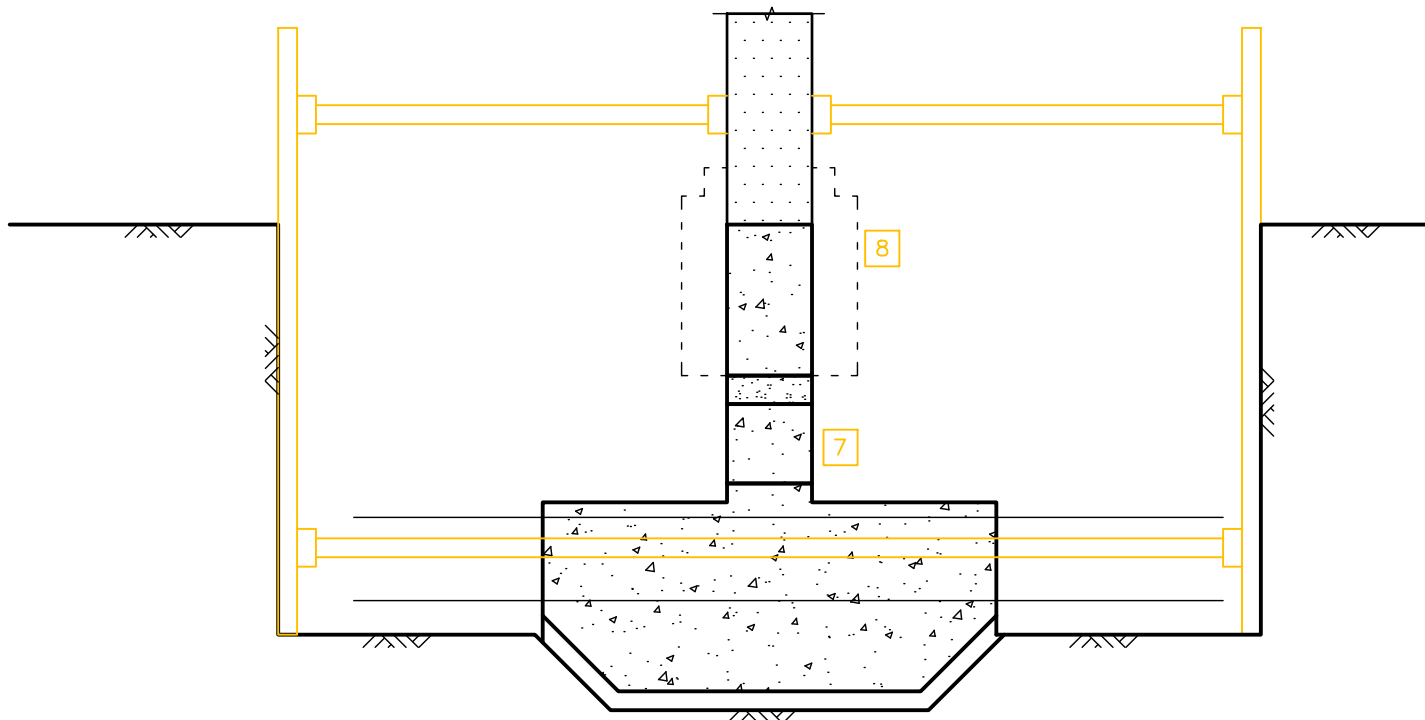
CAST RC SLAB



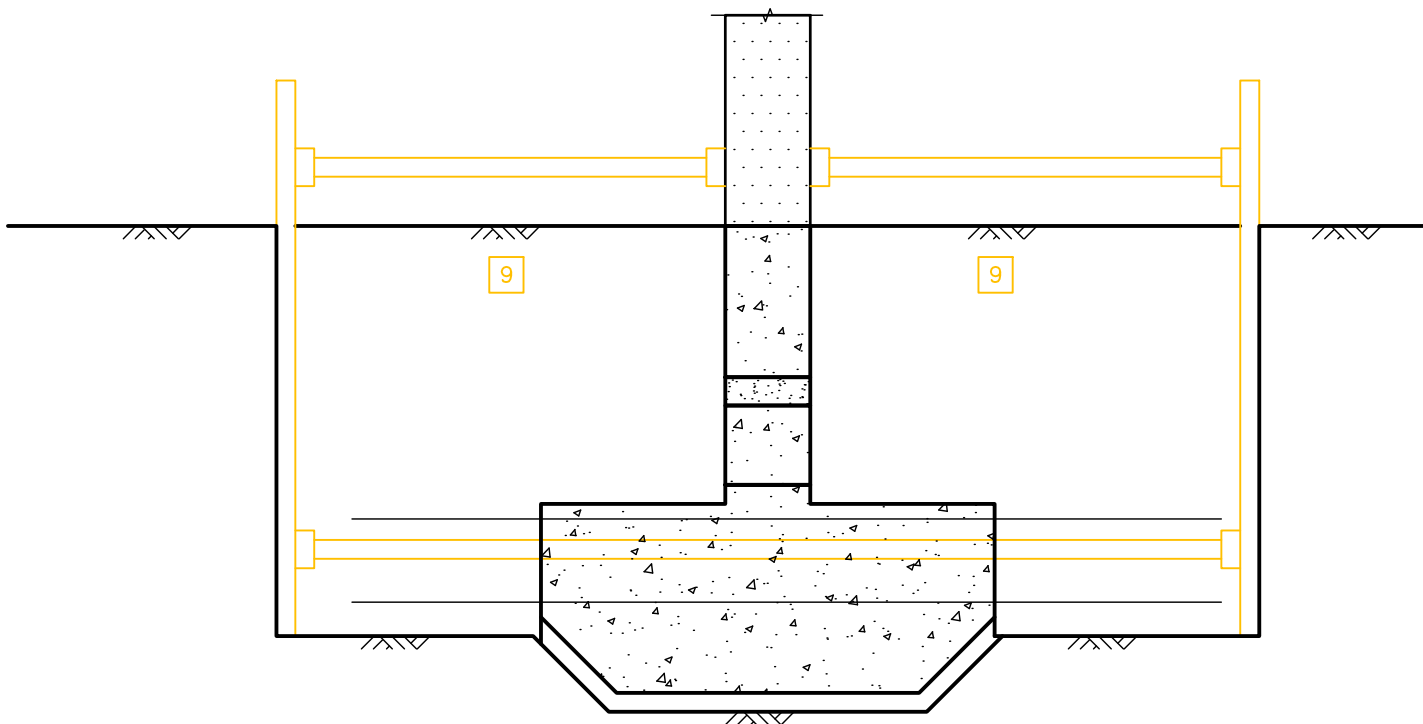
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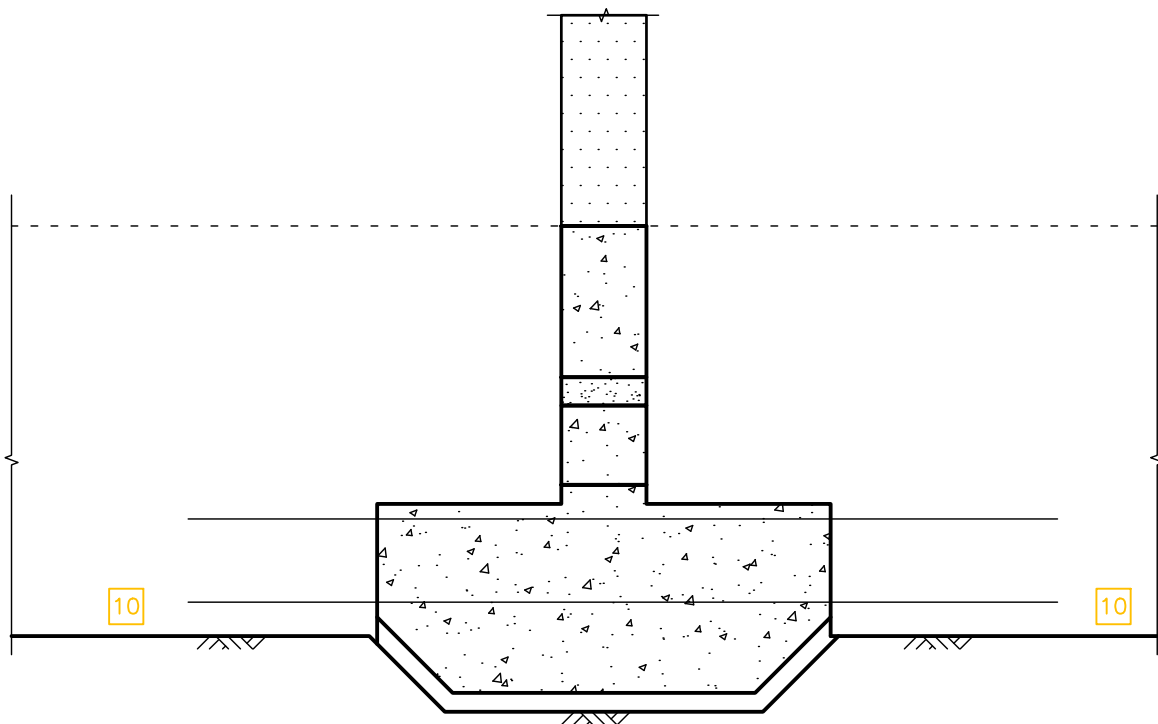
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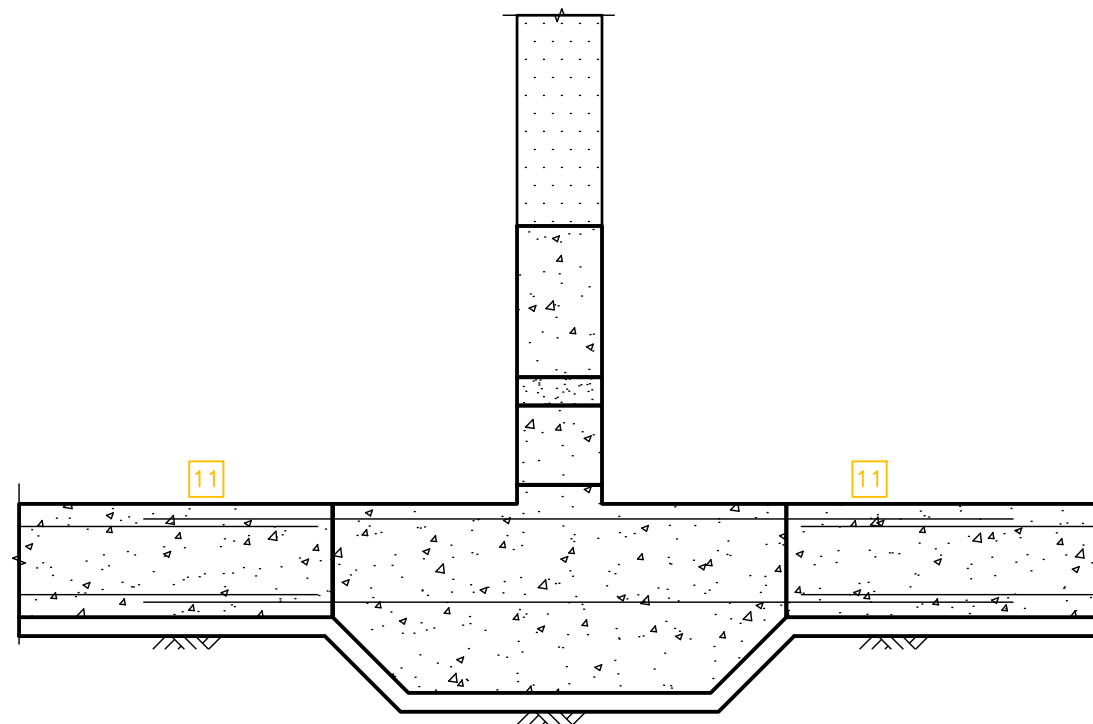
SEQUENCE 3



SEQUENCE 1



SEQUENCE 2




SEQUENCE 3

Notes

- This drawing is to be read in conjunction with all relevant Architects & Engineers drawings and specifications
- Do not scale from this drawing

Rev	Date	Drwn	Chkd	Amendments
Drawing Status			INFORMATION	



SYMMETRY

STRUCTURAL / CIVIL ENGINEERS

T 020 8340 4041 / E INFO@SYMMETRY.COM / SYMMETRY.COM / LONDON NW 8SL

Job Title

28 REDINGTON ROAD

LONDON

NW3 7RB

Drawing Title						
SUGGESTED CONSTRUCTION SEQUENCE SECTION 01-01						
Project	Company	Zones	Level	Type	Role	Number
19117	SYM	XX	B1	DR	S	TW03
Scale: 1:20 @ A1					Revision	
Date: 26-11-19			Drawn by: SB		Checked: DS	
						P1

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

ALL TEMPORARY WORKS SHALL BE INSTALLED PRIOR TO DEMOLITION WORKS COMMENCING AND REMAIN IN PLACE UNTIL THE PERMANENT STRUCTURE HAS BEEN COMPLETED.

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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
6. ALL STAIRCASES, BALUSTRADES, GLASS ELEMENTS AND STRUCTURES AND ALL SECONDARY STEELWORK

PROPOSED METHOD STATEMENT / SUGGESTED SEQUENCE OF WORKS

- 1

INSTALL TRENCH SHEETS
- 2

EXCAVATE TO HALF DEPTH
- 3

CAREFULLY DEMOLISH EXISTING CONCRETE FOUNDATION FROM UNDERSIDE THE MASONRY CORBEL
- 4

INSTALL MID HEIGHT PROP
- 5

EXCAVATE TO UNDERSIDE NEW FOUNDATION
- 6

INSTALL BOTTOM PROP
- 7

INSTALL RC FOUNDATION BASE

8

INSTALL RC FOUNDATION WALL

9

DRY PACK TO UNDERSIDE OF EXISTING FOUNDATION AND CAREFULLY DEMOLISH EXISTING FOUNDATIONS CORBEL

10

BACK FILL PRIOR TO EXCAVATION OF ADJACENT UNDERPINNING BAY

11

EXCAVATE TO TOP OF RC FOUNDATION ONCE ALL THE UNDERPINNING BAYS ARE CAST, CUTTING THE PROPS AT RC WALL FACE

12

INSTALL WALER BEAM

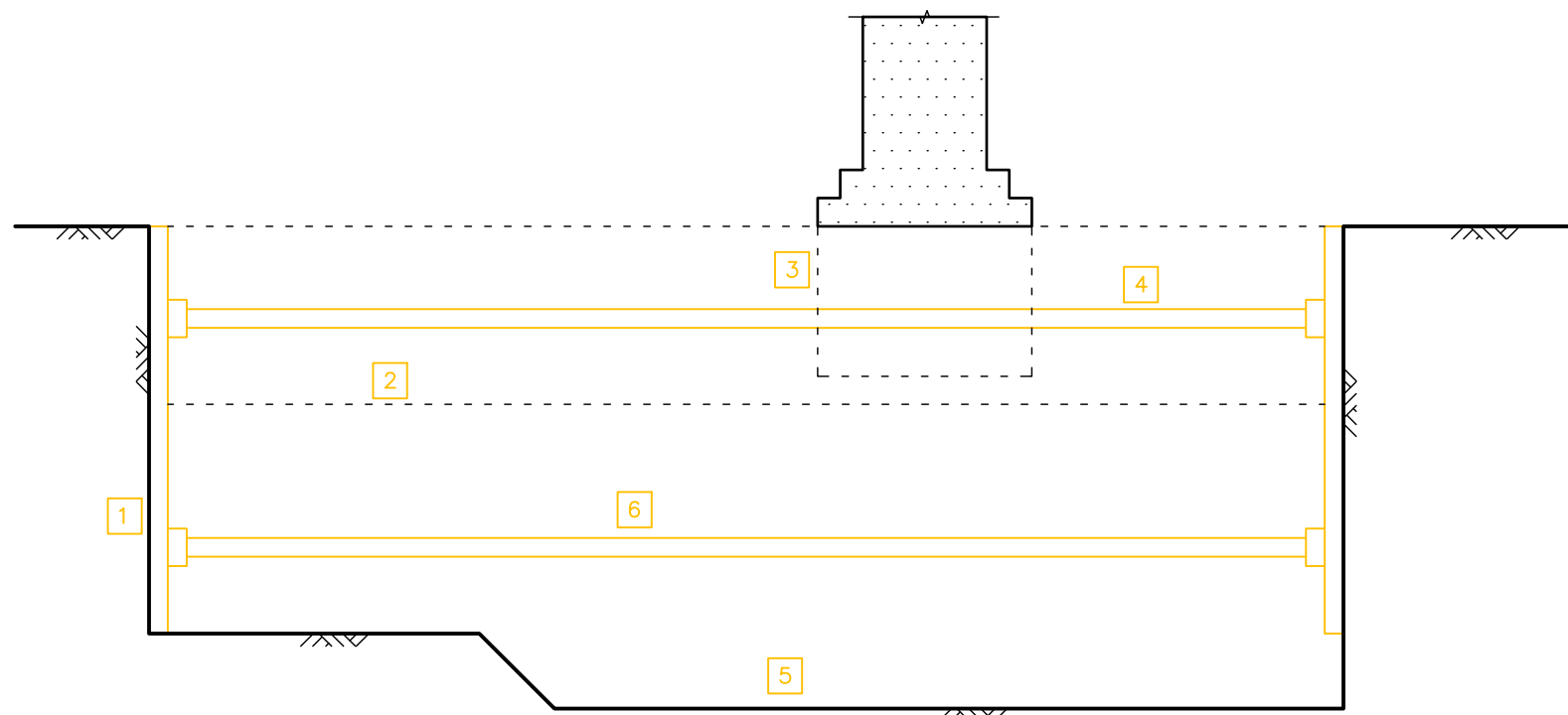
13

EXCAVATE TO BOTTOM OF RC FOUNDATION BASE, CUTTING THE PROPS AT RC BASE FACE

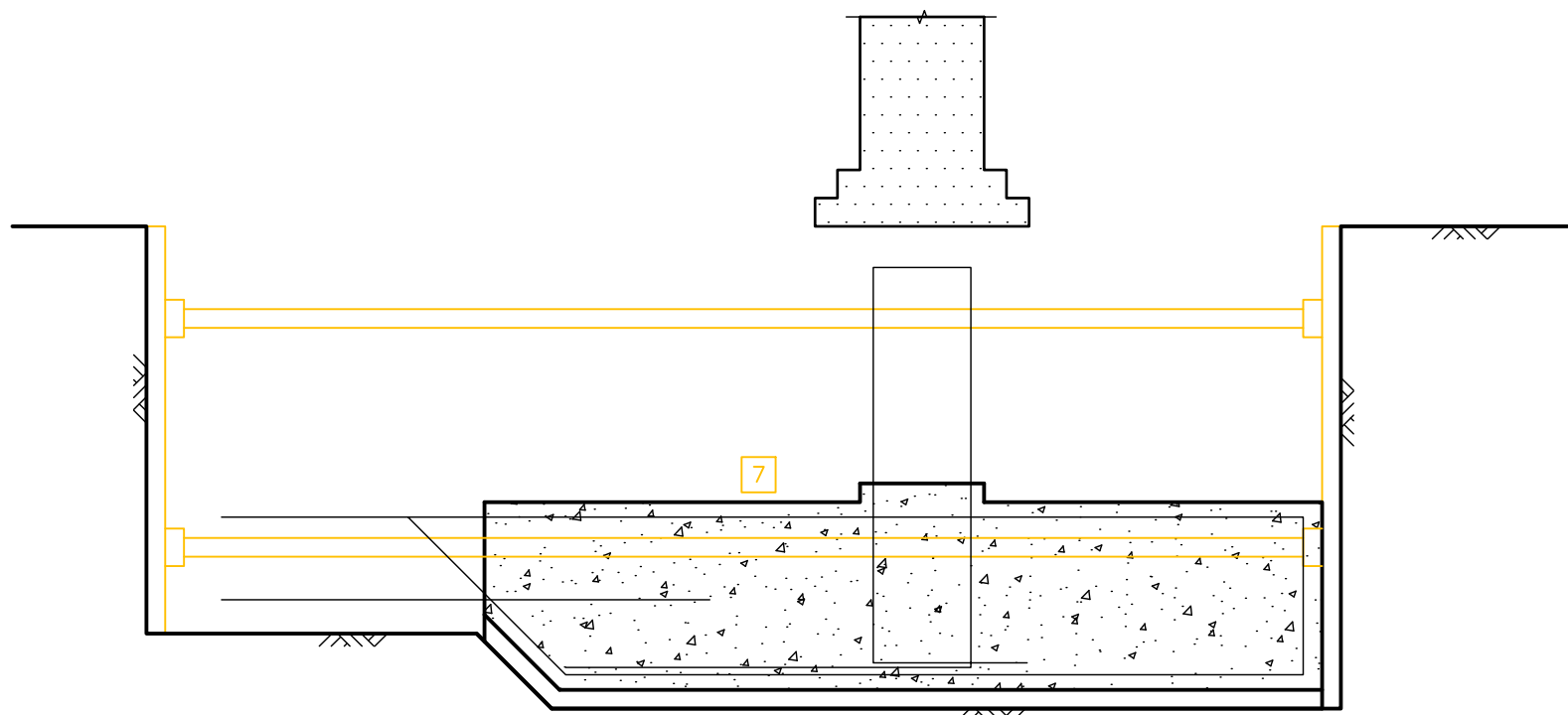
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CAST RC SLAB

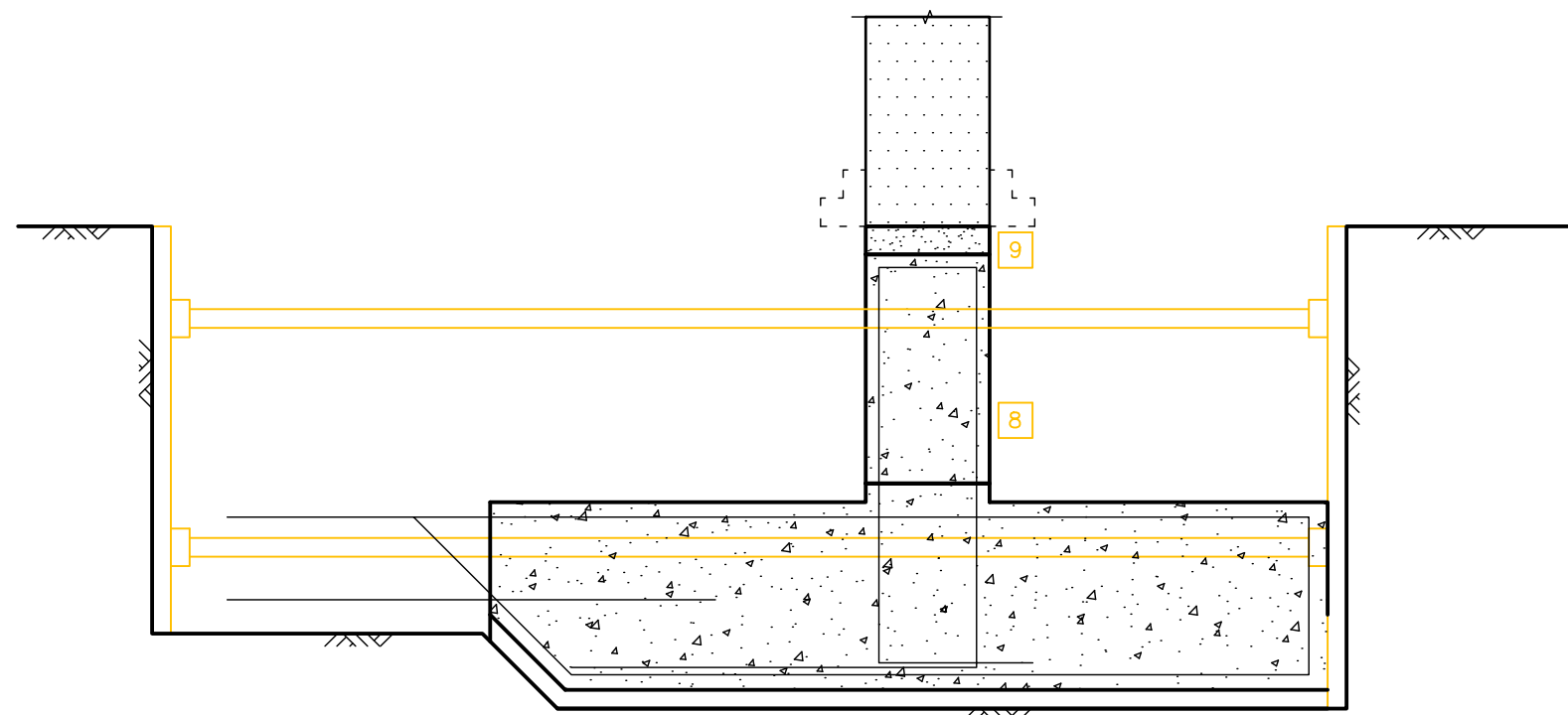
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REMOVE WALER BEAM

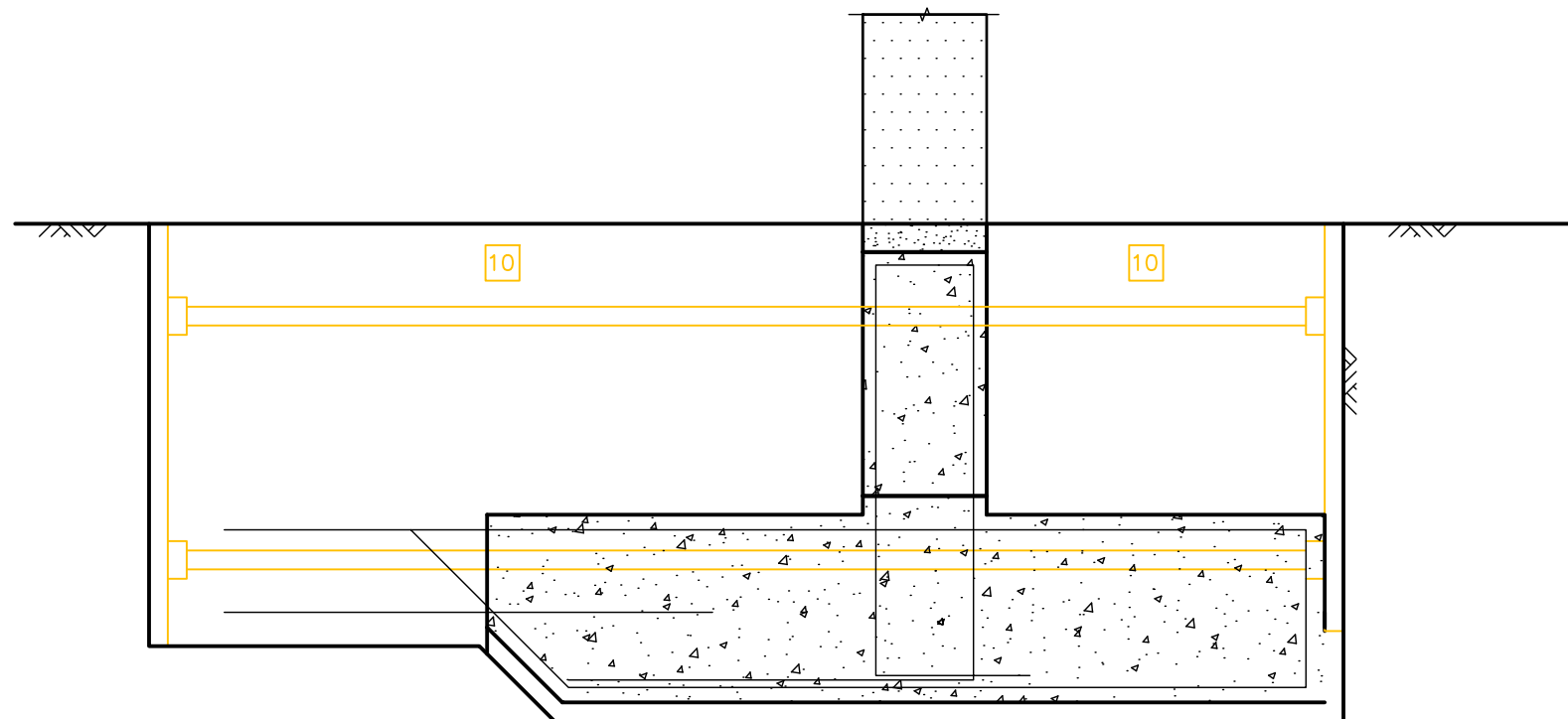
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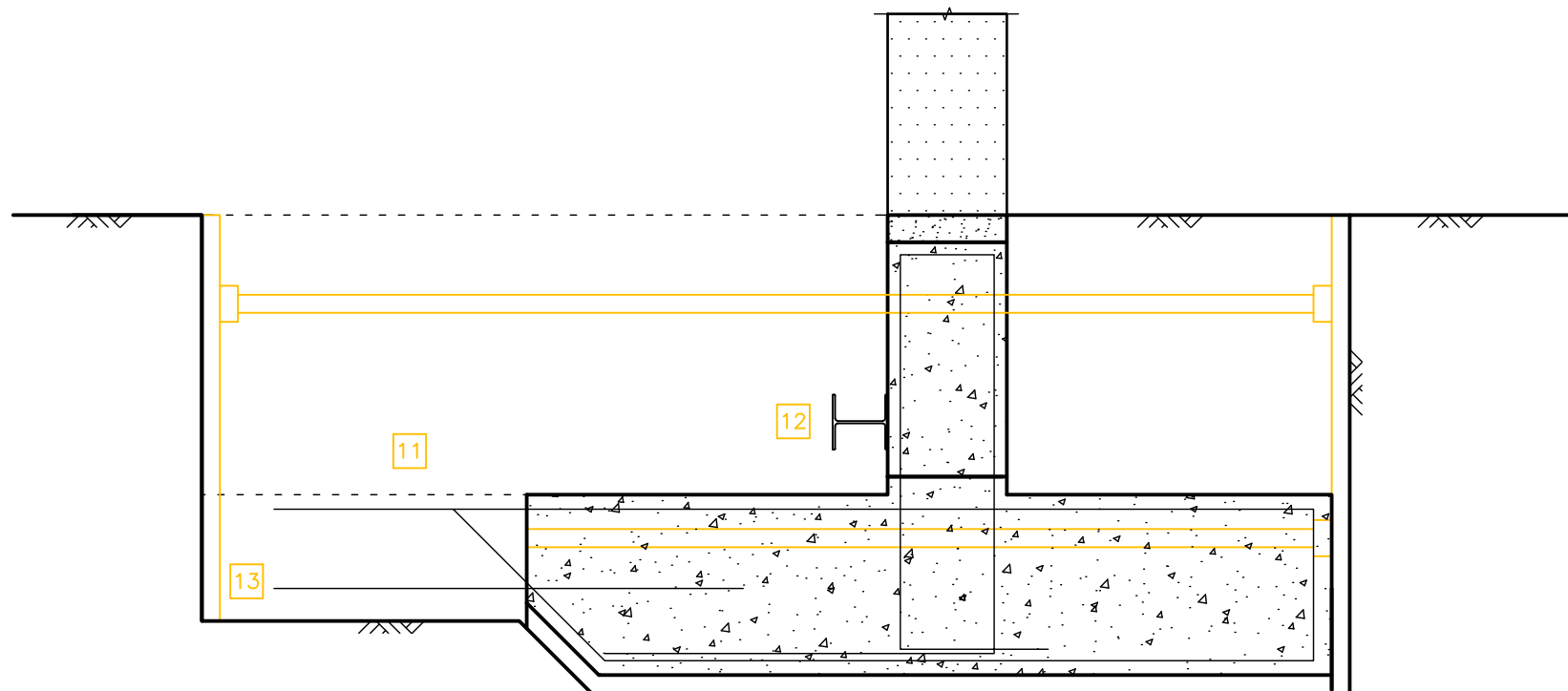
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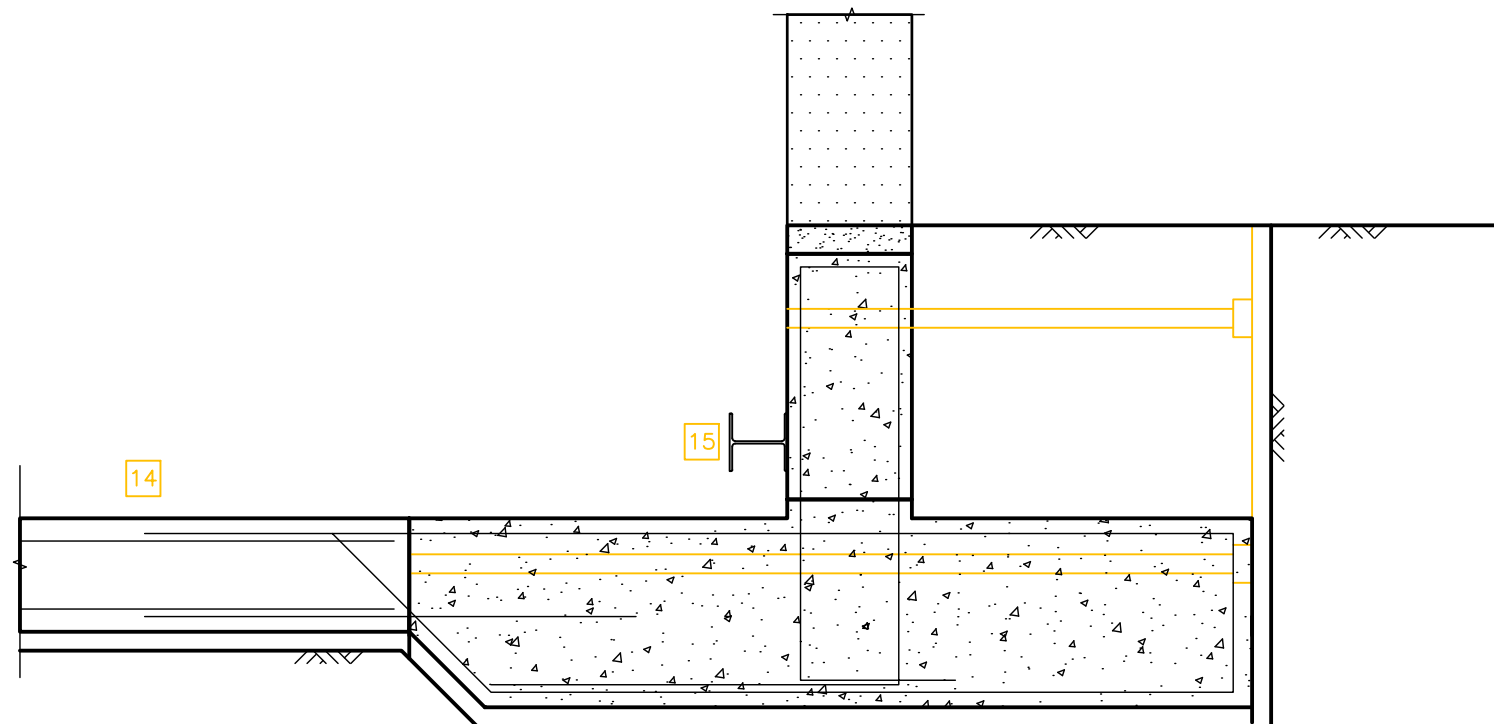
SEQUENCE 3



SEQUENCE 1



SEQUENCE 2



SEQUENCE 3

Notes

1. This drawing is to be read in conjunction with all relevant Architects & Engineers drawings and specifications
2. Do not scale from this drawing

Rev	Date	Drwn	Chkd	Amendments

Drawing Status INFORMATION



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Job Title  
28 REDINGTON ROAD  
LONDON  
NW3 7RB

Drawing Title  
SUGGESTED CONSTRUCTION  
SEQUENCE  
SECTION 02-02

Project	Company	Zones	Level	Type	Role	Number
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19117 - SYM - XX - B1 - DR - S - TW04

Scale: 1:20 @ A1  
Date: 26-11-19  
Drawn by: SB  
Checked: DS  
Revision :  
P1



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

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- DESIGN OF ALL STEELWORK CONNECTIONS. THE FABRICATOR WILL HAVE TO SUBMIT THEIR CALCULATIONS TO BUILDING CONTROL FOR APPROVAL
- STEEL FABRICATION DRAWINGS
- ALL STAIRCASES, BALUSTRADES, GLASS ELEMENTS AND STRUCTURES AND ALL SECONDARY STEELWORK

PROPOSED METHOD STATEMENT / SUGGESTED SEQUENCE OF WORKS

- 1

INSTALL TRENCH SHEETS
- 2

EXCAVATE TO HALF DEPTH
- 3

INSTALL MID HEIGHT PROP
- 4

EXCAVATE TO UNDERSIDE NEW FOUNDATION
- 5

INSTALL BOTTOM PROP
- 6

CAST MASS CONCRETE FOUNDATION
- 7

DRY PACK TO UNDERSIDE OF EXISTING FOUNDATION
- 8

CAST RC FOUNDATION BASE AGAINST MASS CONCRETE UNDERPINNING, FOLLOWING APPROPRIATE CURING TIME

9

INSTALL RC FOUNDATION WALL

10

BACK FILL PRIOR TO EXCAVATION OF ADJACENT UNDERPINNING BAY

11

EXCAVATE TO TOP OF RC FOUNDATION BASE ONCE ALL THE UNDERPINNING BAYS ARE CAST, CUTTING THE PROPS AT RC WALL FACE

12

INSTALL WALER BEAM

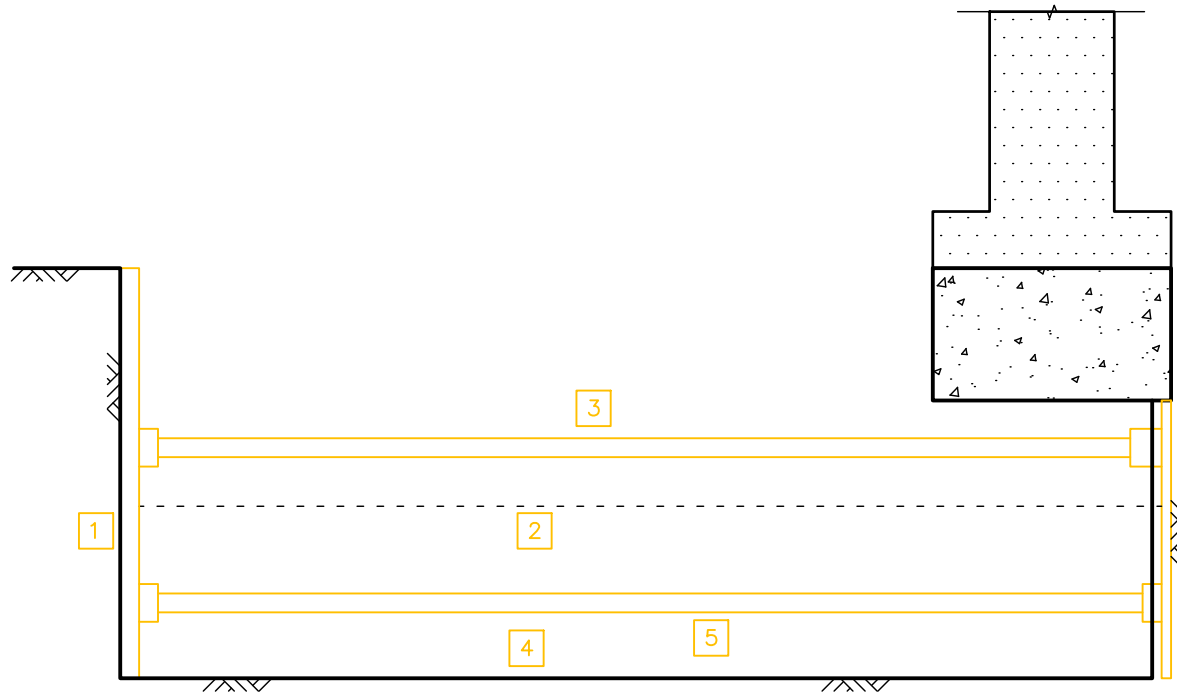
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EXCAVATE TO BOTTOM OF RC FOUNDATION

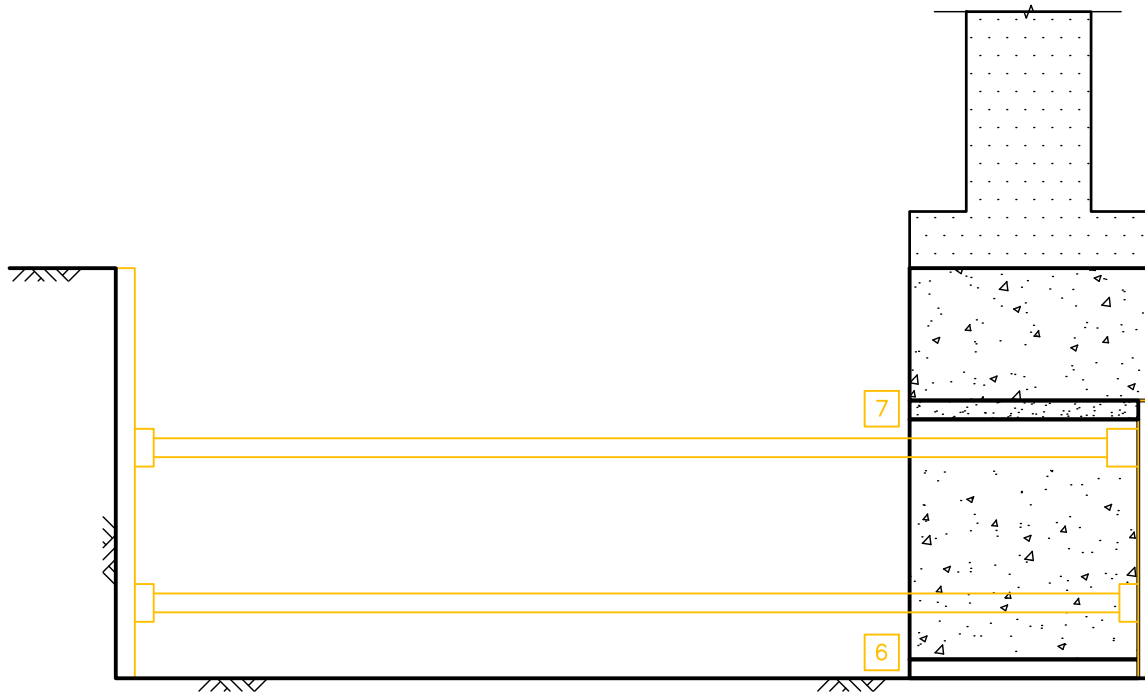
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CAST RC SLAB

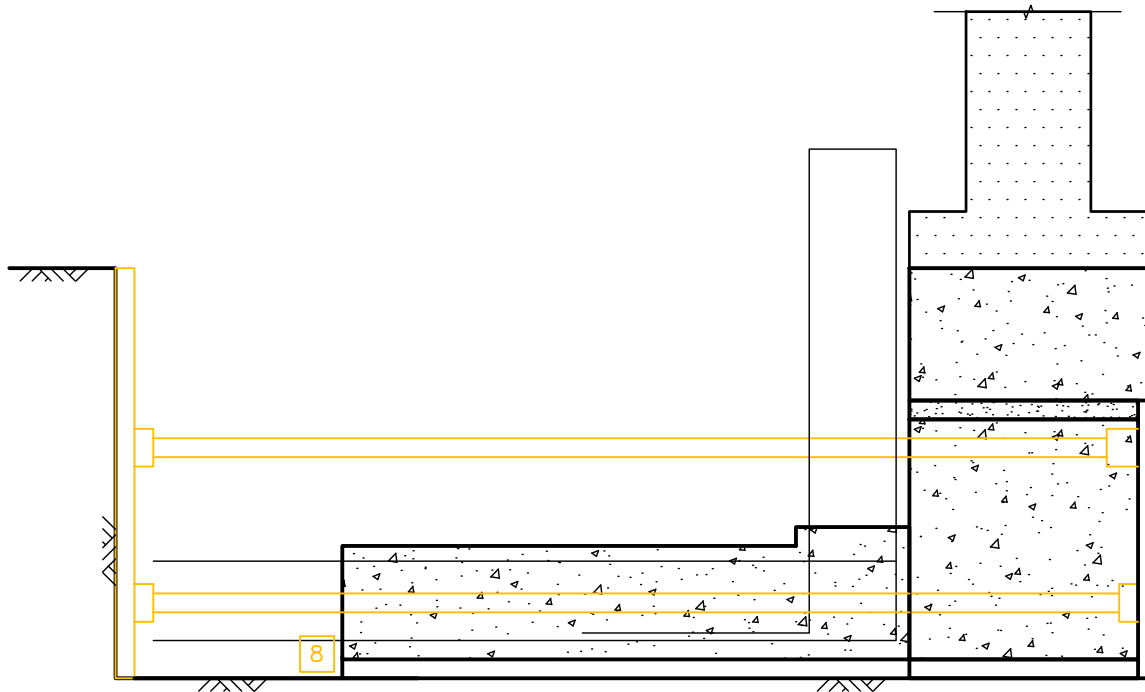
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REMOVE WALER BEAM

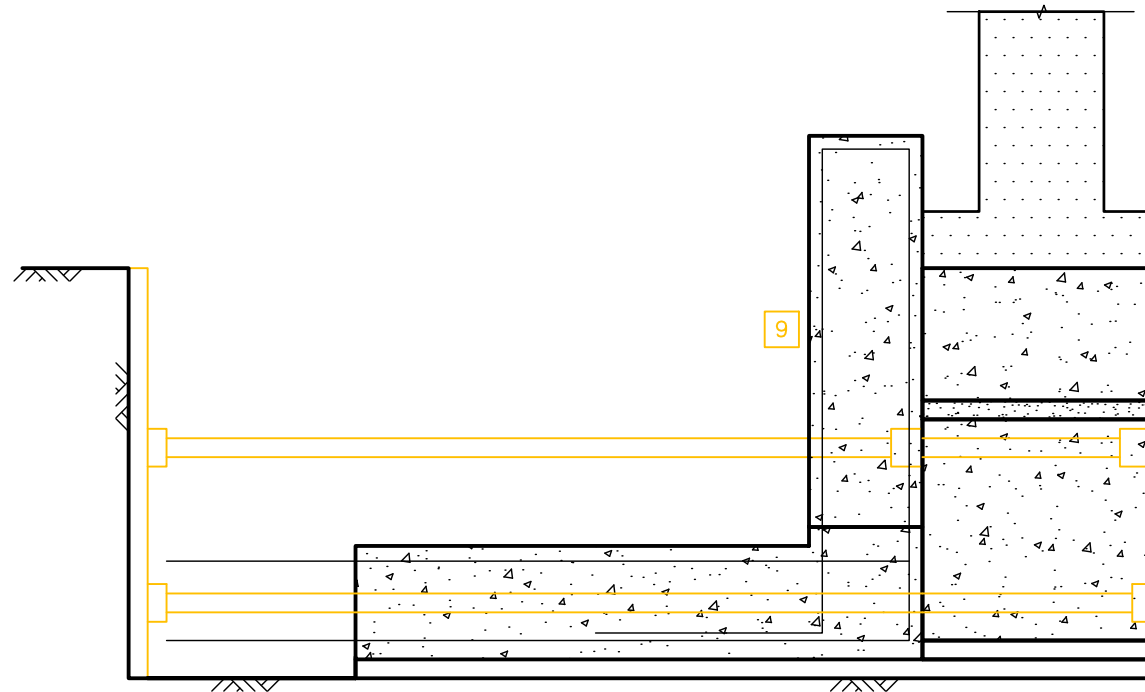
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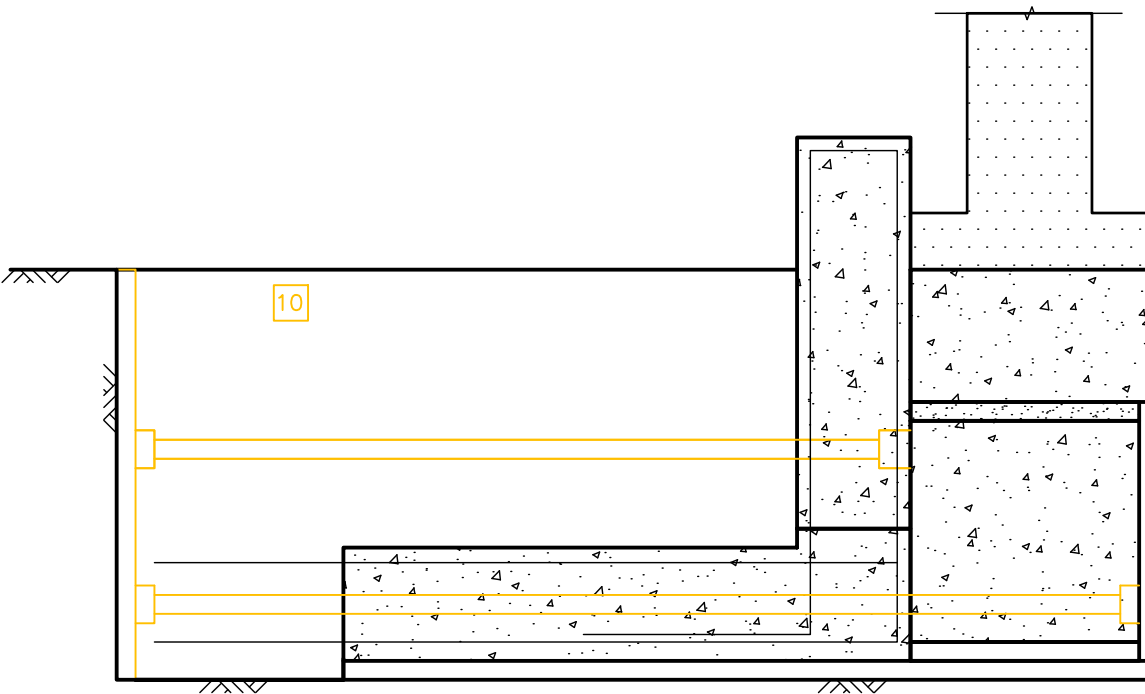
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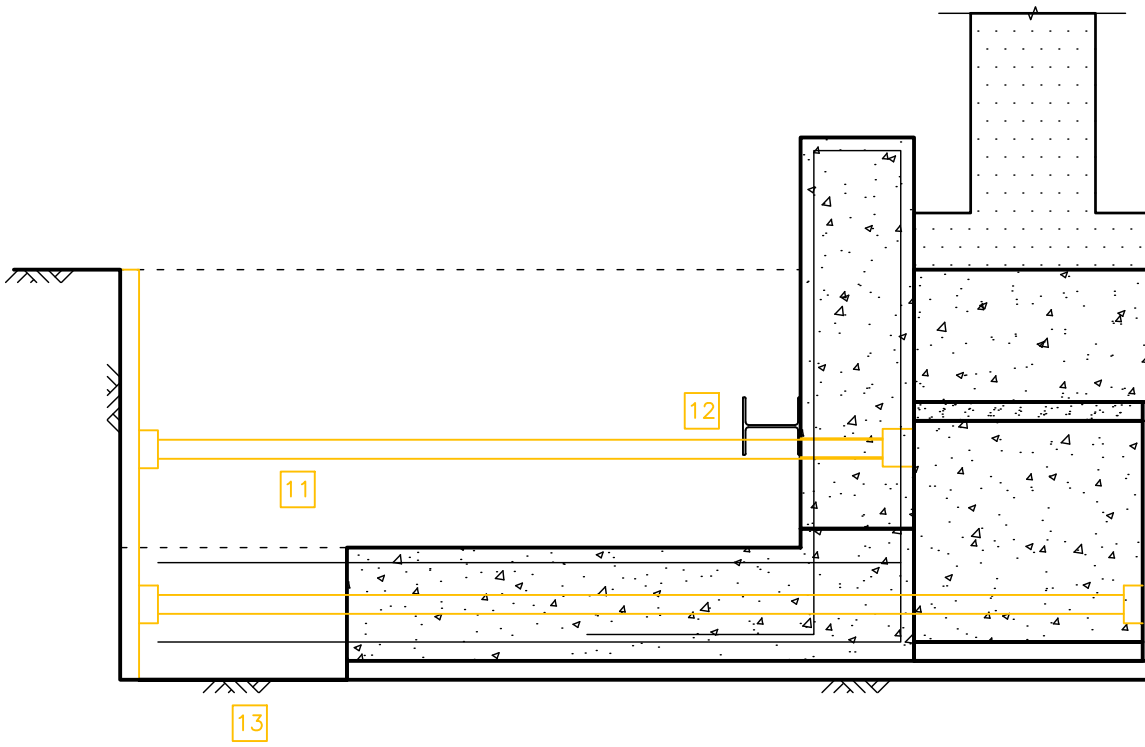
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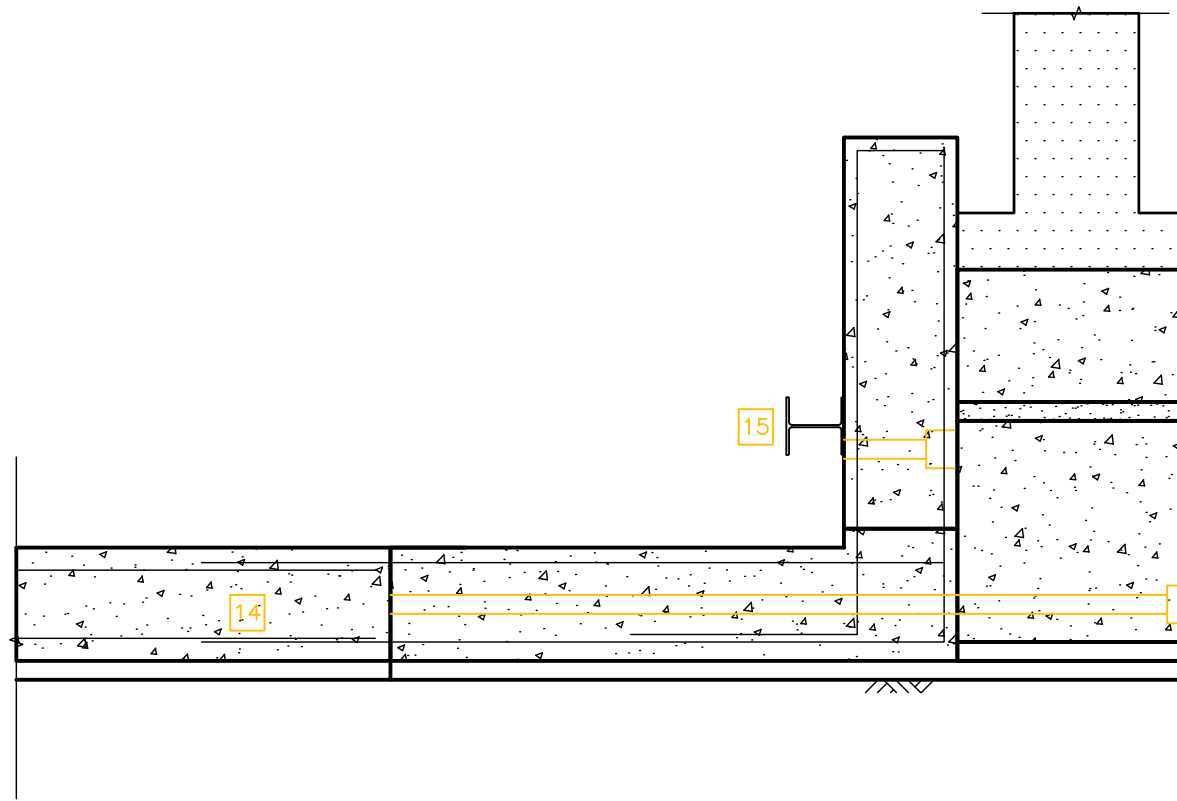
SEQUENCE 4



SEQUENCE 5



SEQUENCE 6



SEQUENCE 7

Notes

- This drawing is to be read in conjunction with all relevant Architects & Engineers drawings and specifications
- Do not scale from this drawing

Rev	Date	Drwn	Chkd	Amendments

Drawing Status INFORMATION



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Job Title  
28 REDINGTON ROAD  
LONDON  
NW3 7RB

Drawing Title  
SEGGESTED CONSTRUCTION  
SEQUENCE  
SECTION 03-03

Project	Company	Zones	Level	Type	Role	Number
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19117 - SYM - XX - B1 - DR - S - TW05

Scale: 1:20 @ A1  
Date: 26-11-19

Drawn by: SB  
Checked: DS

Revision :  
P1



**SYMMETRYS**  
STRUCTURAL / CIVIL ENGINEERS

**28 REDINGTON ROAD, LONDON NW3 7RB**

# APPENDIX 2

**STRUCTURAL ENGINEER'S STATEMENT AND  
CALCULATIONS**