

APPENDIX C

GSE – PROPOSED STRUCTURAL SCHEME PACKAGE

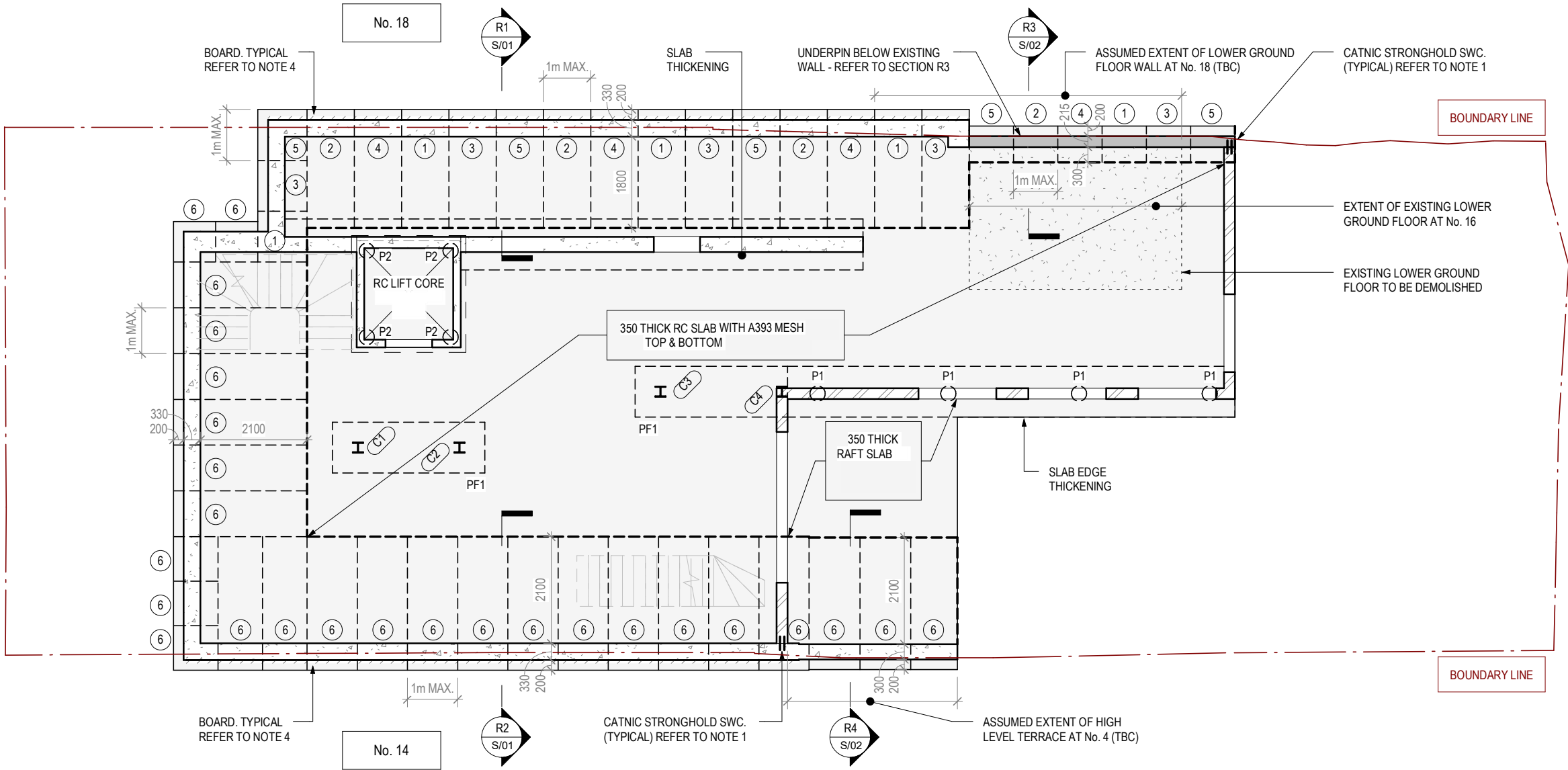
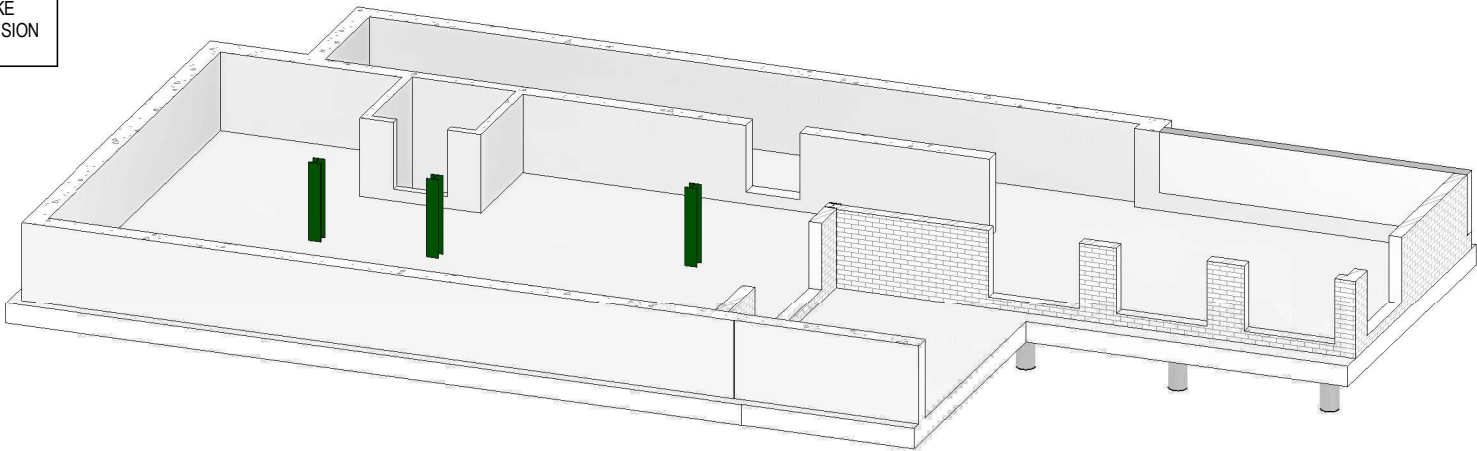
STEEL COLUMN SCHEDULE		
REF.	SECTION SIZE	GRADE
C1	SIZE TBC	TBC
C2	SIZE TBC	TBC
C3	SIZE TBC	TBC
C4	SIZE TBC	TBC
C5	SIZE TBC	TBC
C6	SIZE TBC	TBC
C7	SIZE TBC	TBC
C8	SIZE TBC	TBC
C9	SIZE TBC	TBC
C10	SIZE TBC	TBC

PAD FOUNDATION SCHEDULE	
REF.	SIZE
PF1	SIZE TBC

PILE SCHEDULE	
REF.	SIZE
P1	PILES TO TAKE TEMPORARY LATERAL & TENSION LOADING
P2	PILES TO TAKE VERTICAL & TENSION LOADING

KEY:	
	EXISTING MASONRY
	NEW LOAD BEARING CONCRETE
	NEW LOAD BEARING BRICKWORK (20N/mm²)
	NEW LOAD BEARING BLOCKWORK (7N/mm²)
	AREA TO BE UNDERPINNED

- NOTES:
- CATNIC STRONGHOLD SWC STAINLESS STEEL WALL STARTER KITS. POSITION AT JUNCTIONS OF EXISTING MASONRY WALL AND NEW MASONRY. INSTALL IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION. FULLY EMBED TIES IN MORTAR JOINTS.
 - BELOW GROUND WATERPROOFING AND DRAINAGE BY OTHERS.
 - UNDERPINS WILL NOT BE STABLE WHILST UNDER CONSTRUCTION. CONTRACTOR MUST PROVIDE ADEQUATE LATERAL SUPPORT TO ALL PINS UNTIL BASEMENT SLAB HAS BEEN CAST.
 - NON COMPRESSIBLE WATER RESISTANT CEMENTITIOUS BOARD LINER TO BACK OF ALL UNDERPIN SUPPORTING PARTY WALLS.
 - RAISE RETAINING WALL LOCALLY (440 LONG x 100 WIDE) TO SUPPORT NEW STEEL WORK.



LOWER GROUND FLOOR
1 : 100

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER GSE DRAWINGS & RELEVANT PROJECT DOCUMENTS. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS SUBJECT TO COPYRIGHT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED. ALL DIMENSIONS & LEVELS TO BE CONFIRMED BY ARCHITECT. SETTING OUT TO BE CONFIRMED ON SITE.

J002378				16 Pilgrims Lane			
REV.	DATE	REVISION NOTES	TECH.	CHECKED	REV.	DATE	REVISION NOTES
P1	16.02.2023	INITIAL ISSUE	BVB	NW			

GSE GREEN STRUCTURAL ENGINEERING
www.gseld.co.uk

Unit 21 Bergham Mews
Blythe Road
Hammersmith
W14 0HN
020 3405 3120

LOWER GROUND FLOOR GA				
TECHNICIAN	ENGINEER	DATE	PAPER SIZE	SCALE
BVB	NW	17.02.2023	A3	As indicated



PRELIMINARY	
DRAWING NO.	REV.
GA/01	P1







STEEL COLUMN SCHEDULE		
REF.	SECTION SIZE	GRADE
C1	SIZE TBC	TBC
C2	SIZE TBC	TBC
C3	SIZE TBC	TBC
C4	SIZE TBC	TBC
C5	SIZE TBC	TBC
C6	SIZE TBC	TBC
C7	SIZE TBC	TBC
C8	SIZE TBC	TBC
C9	SIZE TBC	TBC
C10	SIZE TBC	TBC

CONCRETE UPSTAND SCHEDULE	
REF.	Lg. x Wd.
CU-1	440 x 100

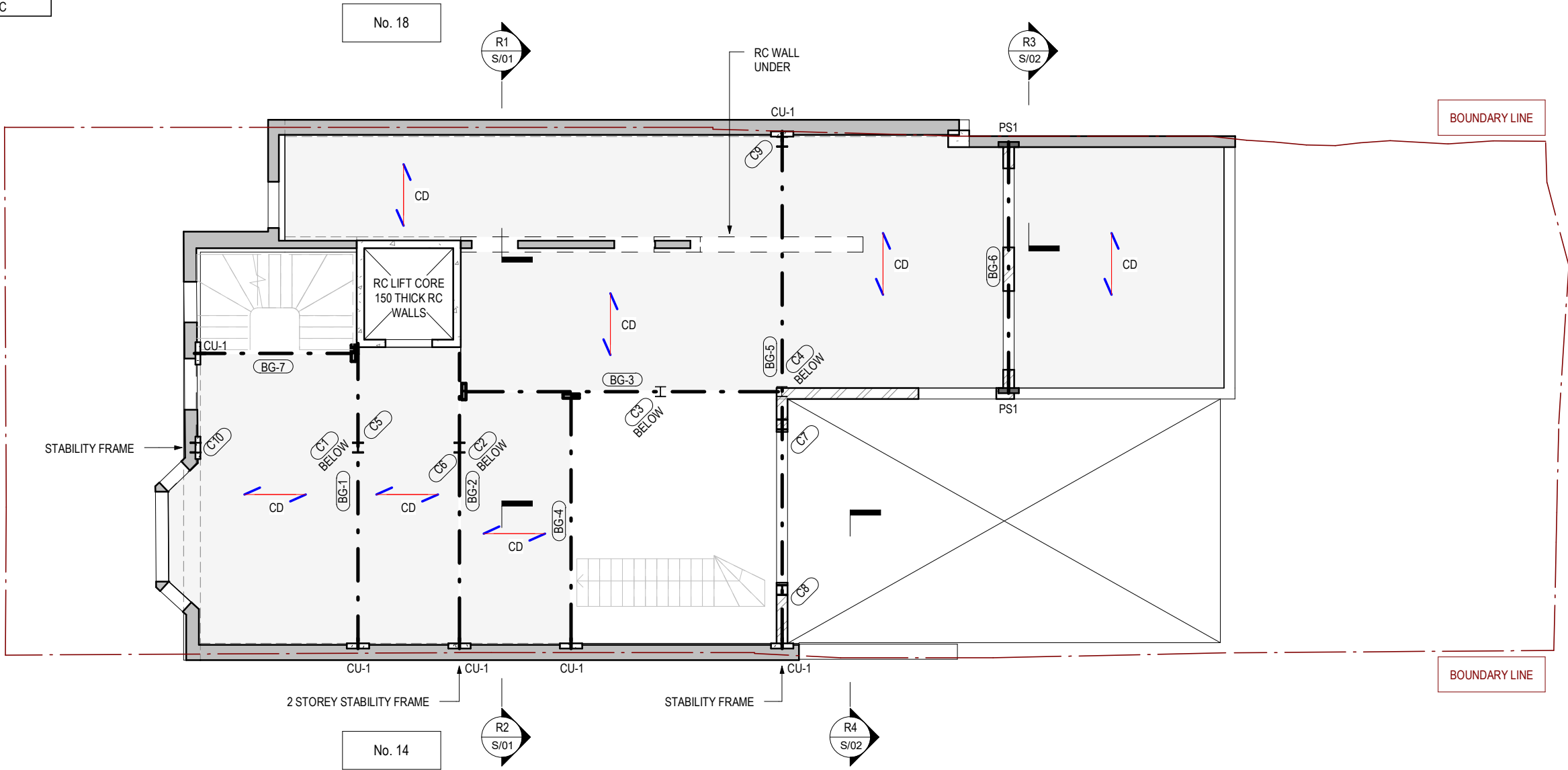
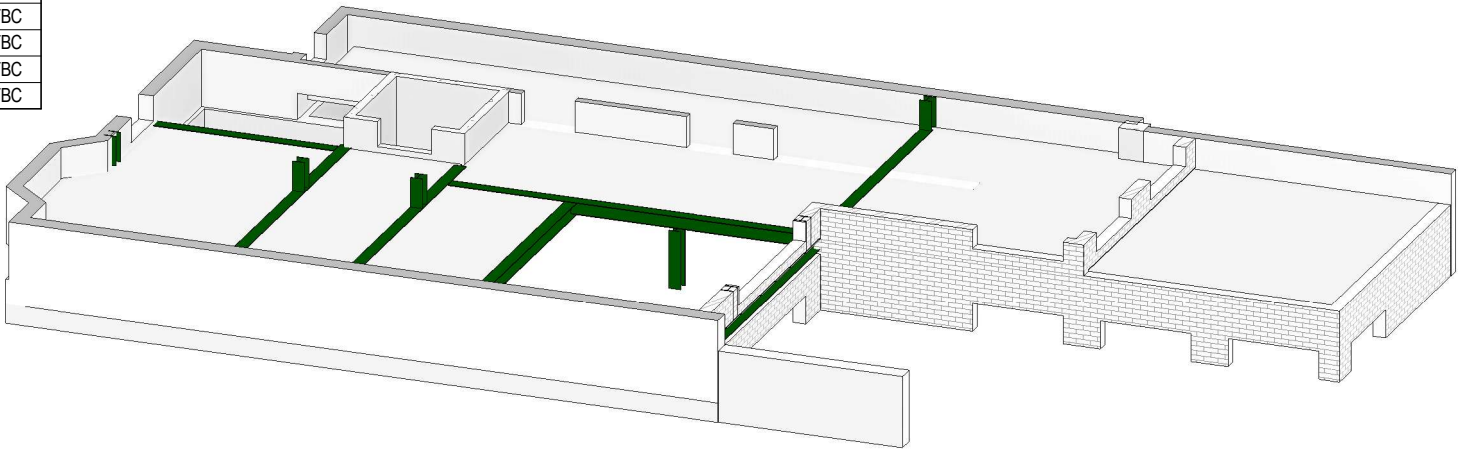
PADSTONE SCHEDULE	
REF.	L x W x Dp.
PS1	SIZE TBC

STEEL BEAM SCHEDULE - G. FLOOR		
REF.	SECTION SIZE	GRADE
BG-1	SIZE TBC	TBC
BG-2	SIZE TBC	TBC
BG-3	SIZE TBC	TBC
BG-4	SIZE TBC	TBC
BG-5	SIZE TBC	TBC
BG-6	SIZE TBC	TBC
BG-7	SIZE TBC	TBC

FLOOR KEY:	
	CD
	COMPOSITE DECK

KEY:	
	EXISTING MASONRY
	NEW LOAD BEARING CONCRETE
	NEW LOAD BEARING BRICKWORK (20N/mm²)
	NEW LOAD BEARING BLOCKWORK (7N/mm²)
	END PLATE TO BEAM
	CDM DESIGNER HAZARDS

- NOTES:
- CATNIC STRONGHOLD SWC STAINLESS STEEL WALL STARTER KITS. POSITION AT JUNCTIONS OF EXISTING MASONRY WALL AND NEW MASONRY. INSTALL IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION. FULLY EMBED TIES IN MORTAR JOINTS.
 - RECESS ALL TIMBER JOISTS & STRAP TO BEAM USING 30x5x900 LONG GALVANIZED STRAPS @ 1200 CRS MAX. SCREW FIX TO JOISTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.
 - DO NOT BEAR NEW STEELWORK INTO EXISTING CHIMNEY FLUES. STRUCTURAL ENGINEER TO BE INFORMED IF THIS ISSUE IS ENCOUNTERED ON SITE. CCTV SURVEY TO BE UNDERTAKEN TO CONFIRM POSITION OF EXISTING FLUES AND ALTERNATIVE SOLUTION TO BE AGREED.



GROUND FLOOR
1 : 100

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER GSE DRAWINGS & RELEVANT PROJECT DOCUMENTS. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS SUBJECT TO COPYRIGHT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED. ALL DIMENSIONS & LEVELS TO BE CONFIRMED BY ARCHITECT. SETTING OUT TO BE CONFIRMED ON SITE.

J002378			
REV.	DATE	REVISION NOTES	TECH. CHECKED
P1	16.02.2023	INITIAL ISSUE	BVB NW

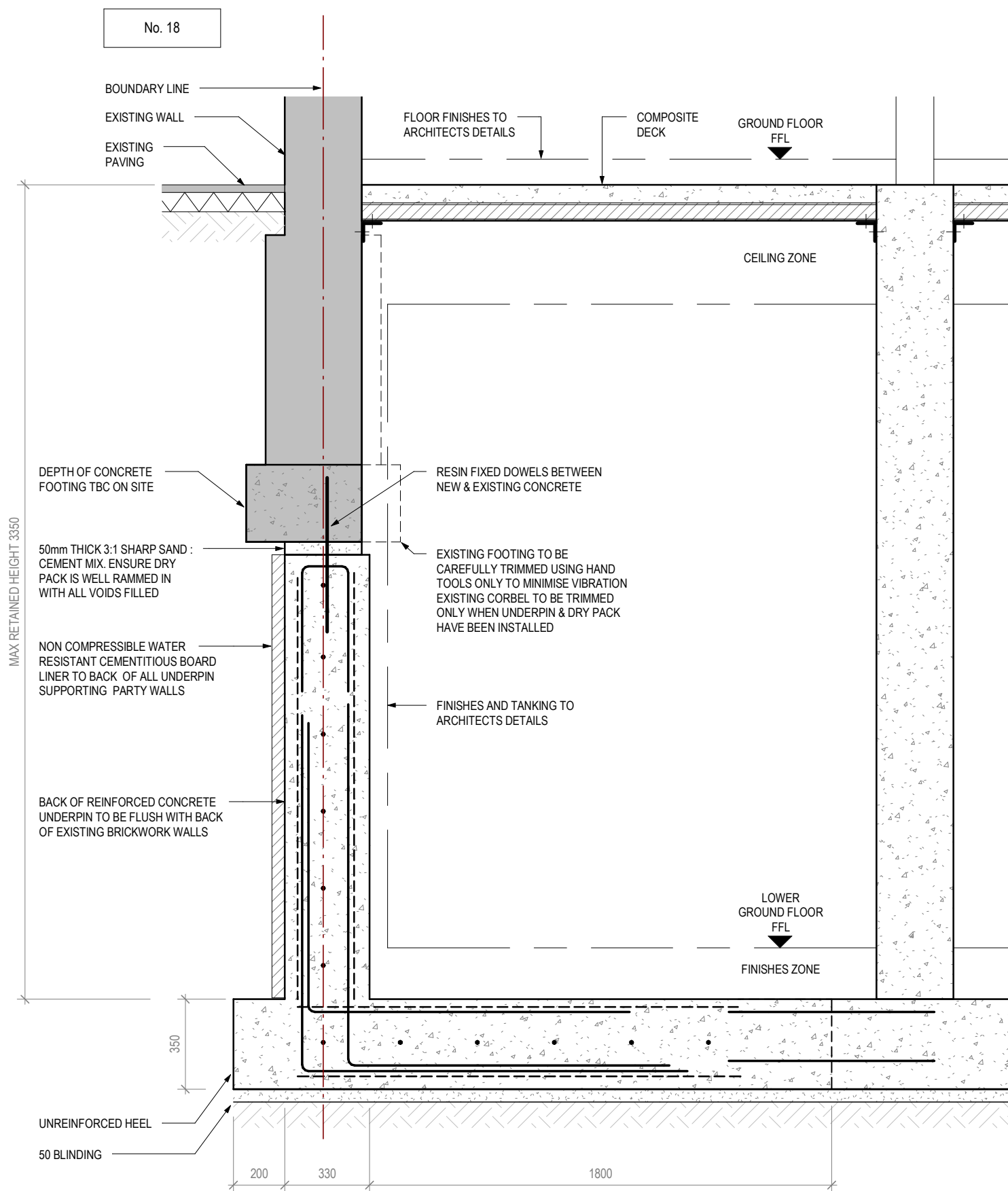
16 Pilgrims Lane			
REV.	DATE	REVISION NOTES	TECH. CHECKED

 GREEN
STRUCTURAL
ENGINEERING
www.gseld.co.uk

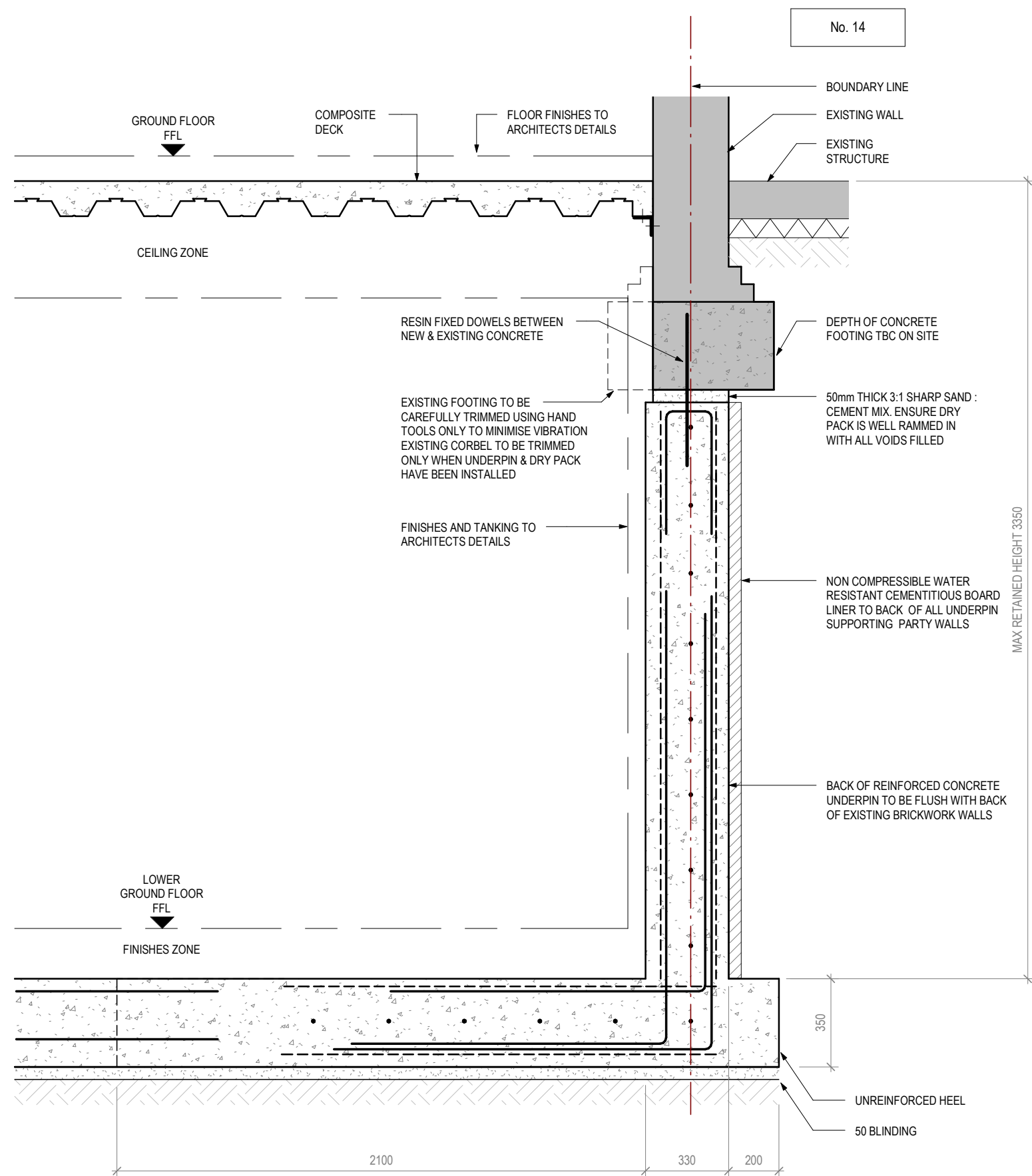
Unit 21 Bergham Mews
Blythe Road
Hammersmith
W14 0HN
020 3405 3120

GROUND FLOOR GA				
TECHNICIAN	ENGINEER	DATE	PAPER SIZE	SCALE
BVB	NW	17.02.2023	A3	As indicated

PRELIMINARY	
DRAWING NO.	REV.
GA/02	P1



SECTION R1
1 : 20



SECTION R2
1 : 20

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER GSE DRAWINGS & RELEVANT PROJECT DOCUMENTS. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS SUBJECT TO COPYRIGHT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED. ALL DIMENSIONS & LEVELS TO BE CONFIRMED BY ARCHITECT. SETTING OUT TO BE CONFIRMED ON SITE.

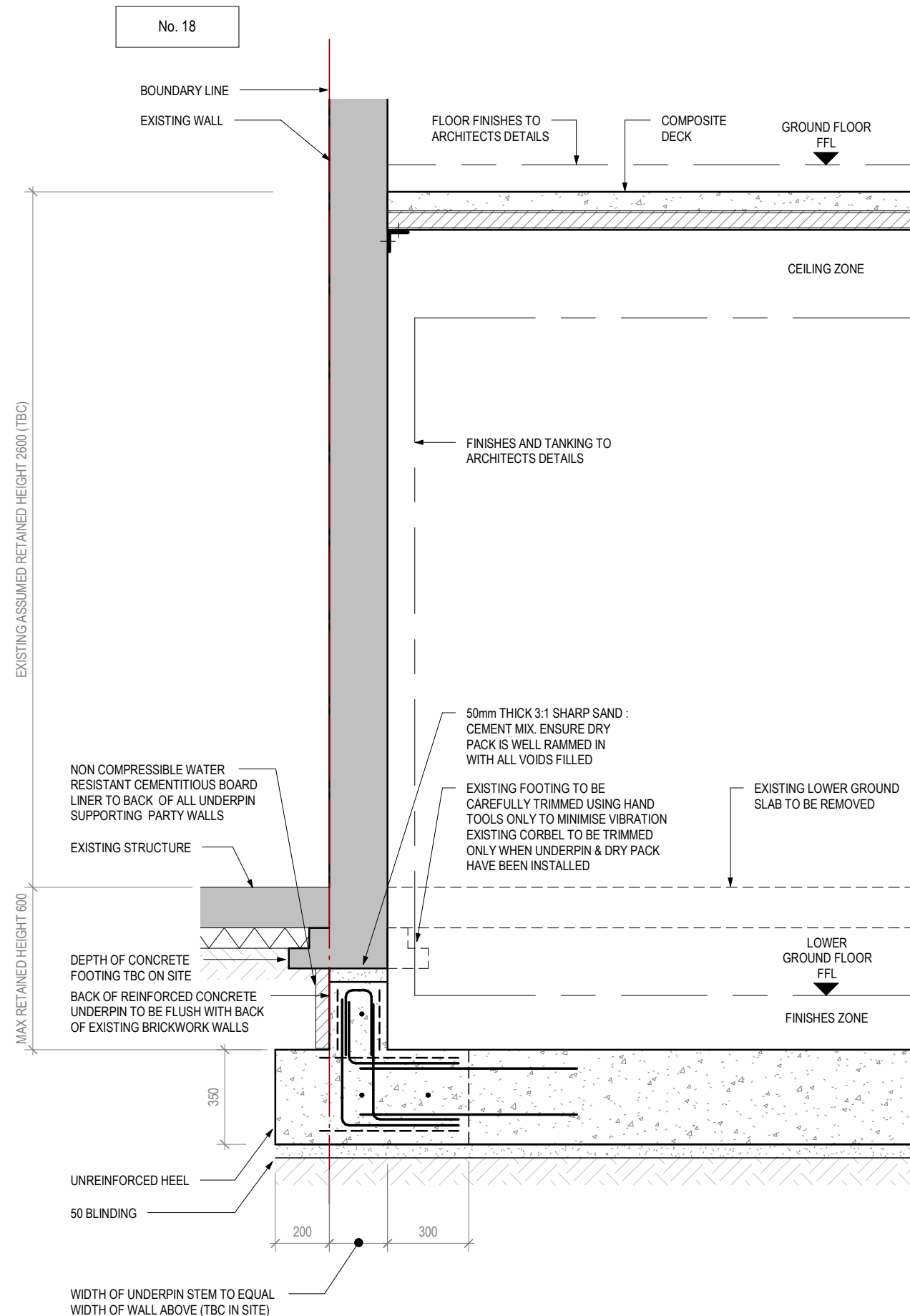
J002378				16 Pilgrims Lane			
REV.	DATE	REVISION NOTES	TECH.	CHECKED	REV.	DATE	REVISION NOTES
P1	16.02.2023	INITIAL ISSUE	BVB	NW			

16 Pilgrims Lane				16 Pilgrims Lane			
REV.	DATE	REVISION NOTES	TECH.	CHECKED	REV.	DATE	REVISION NOTES

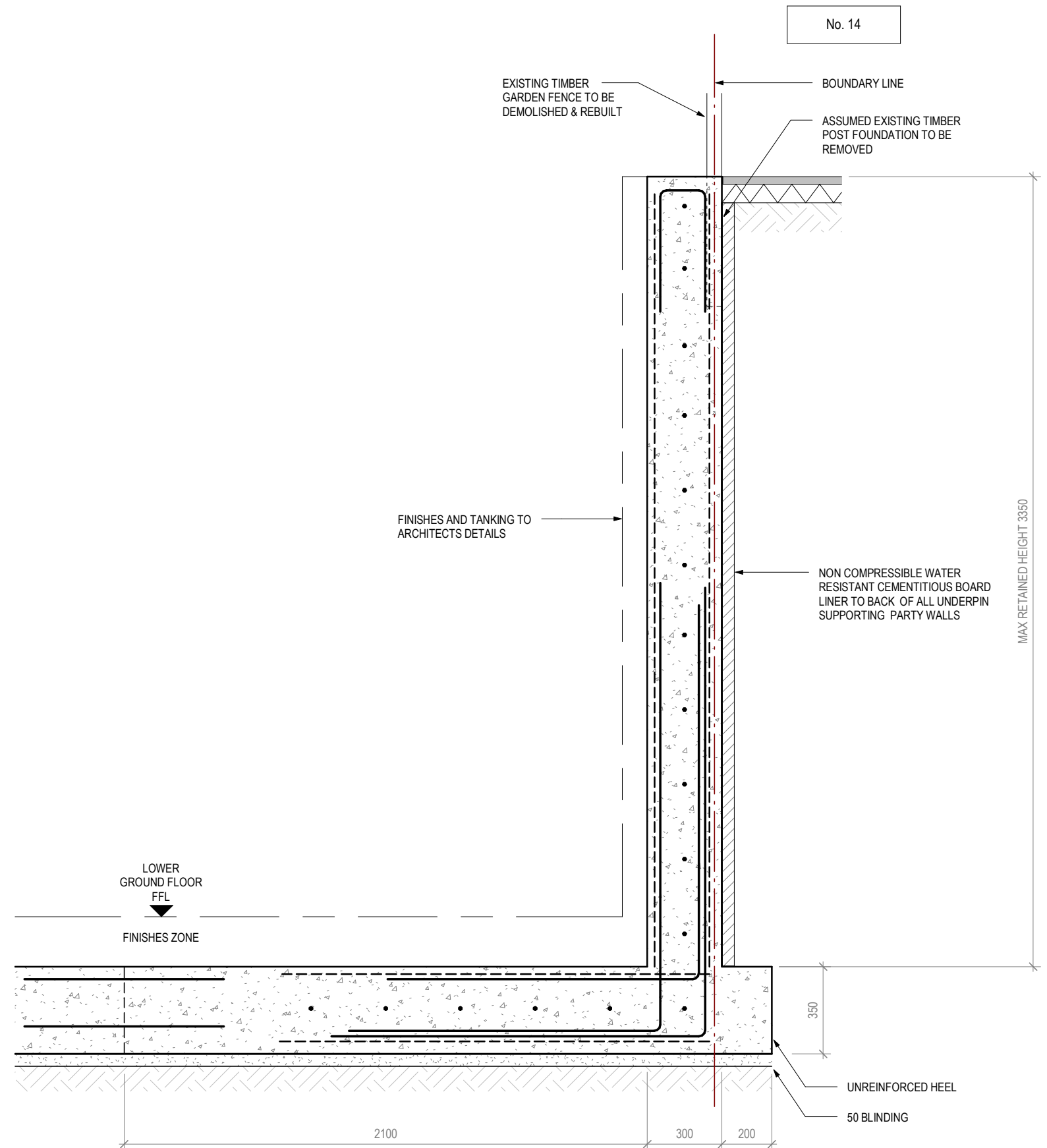
GSE GREEN
STRUCTURAL
ENGINEERING
www.gseld.co.uk

Unit 21 Bergham Mews
Blythe Road
Hammersmith
W14 0HN
020 3405 3120

SECTION SHEET 1					PRELIMINARY	
TECHNICIAN	ENGINEER	DATE	PAPER SIZE	SCALE	DRAWING NO.	REV.
BVB	NW	17.02.2023	A3	1 : 20	S/01	P1



SECTION R3
1 : 20



SECTION R4
1 : 20

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER GSE DRAWINGS & RELEVANT PROJECT DOCUMENTS. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS SUBJECT TO COPYRIGHT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED. ALL DIMENSIONS & LEVELS TO BE CONFIRMED BY ARCHITECT. SETTING OUT TO BE CONFIRMED ON SITE.

J002378				16 Pilgrims Lane			
REV.	DATE	REVISION NOTES	TECH.	CHECKED	REV.	DATE	REVISION NOTES
P1	16.02.2023	INITIAL ISSUE	BVB	NW			

16 Pilgrims Lane							
REV.	DATE	REVISION NOTES	TECH.	CHECKED	REV.	DATE	REVISION NOTES

GSE GREEN
STRUCTURAL
ENGINEERING
www.gseld.co.uk

Unit 21 Bergham Mews
Blythe Road
Hammersmith
W14 0HN
020 3405 3120

SECTION SHEET 2					PRELIMINARY	
TECHNICIAN	ENGINEER	DATE	PAPER SIZE	SCALE	DRAWING NO.	REV.
BVB	NW	17.02.2023	A3	1 : 20	S/02	P1