

Appendix A

# Proposed Structural Drawings

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NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE FROM THIS DRAWING

STEEL COLUMN SCHEDULE		
REF	SIZE	
C1	203 x 203 x 60 UC	
C2	152 x 152 x 30 UC	

STEEL BEAM SCHEDULE		
REF	SIZE	
B1	203 x 133 x 30 UB	
B2	203 x 203 x 46 UC	
B3	203 x 203 x 86 UC	
B4	200 x 90 x 18 PFC	
B5	254 x 254 x 89 UC	

TIMBER JOIST SCHEDULE		
REF	SIZE	
TJ1	200 x 50 C16 AT 400mm C/C	
TJ2	150 x 50 C16 AT 400mm C/C	

PADSTONE SCHEDULE	
REF	SIZE (mm)
P1	100 x 440 x 215 DEEP
NOTE: ALL PADSTONES MASS CONCRETE UNO	

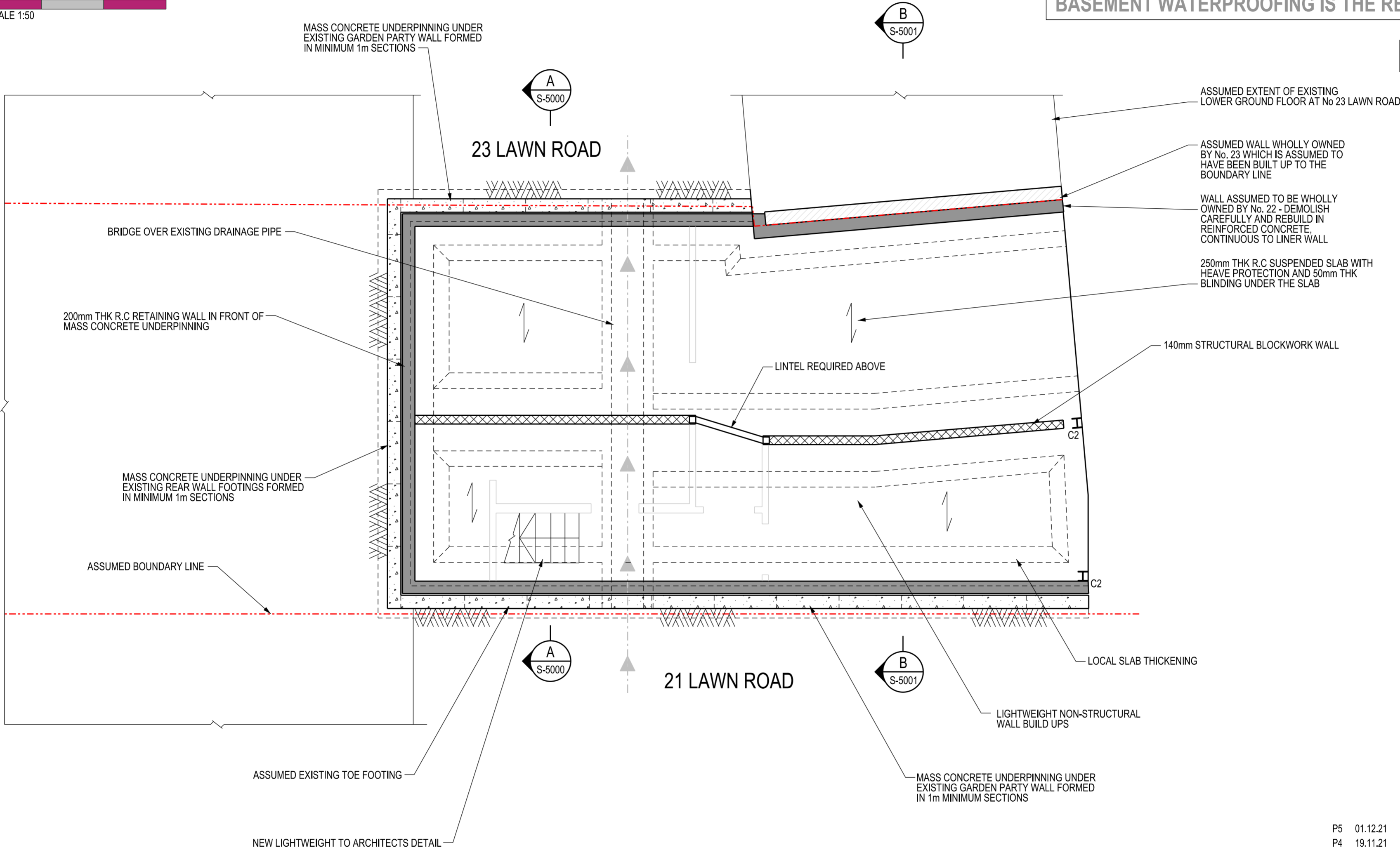
MATERIAL GRADES	
ELEMENT	GRADE
MASS CONCRETE	GEN 1
STRUCTURAL SOFTWOOD	C16
STRUCTURAL STEELWORK	S355

LEGEND	
SPAN DIRECTION OF FLOOR	
SPAN DIRECTION OF EXISTING FLOOR	
PROPOSED R.C	
PROPOSED PADSTONES	
EXISTING STEEL BEAMS	
PROPOSED MASS CONCRETE	
PROPOSED BLOCKWORK	
EXISTING STRUCTURE	



BASEMENT WATERPROOFING IS THE RESPONSIBILITY OF OTHERS

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MR RICHARD ROSIN  
AND  
MRS LOUISE EVANS

22 LAWN ROAD

PROPOSED  
LOWER GROUND FLOOR  
PLAN

P5	01.12.21	ISSUED FOR INFORMATION	BB	ES
P4	19.11.21	ISSUED FOR INFORMATION	HOC	ES
P3	05.11.21	ISSUED FOR INFORMATION	HOC	ES
P2	28.10.21	ISSUED FOR INFORMATION	BB	CG
P1	14.10.21	ISSUED FOR INFORMATION	BB	CG
REV	DATE	DESCRIPTION	BY	CHECKED

SCALE	1:50 @ A2	DATE	OCT '21	DRAWN	BB	CHECKED	CG
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3197-MORPH-ZZ-LG-DR-S-1000

DRAWING No. REVISION

P5

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TIMBER JOIST SCHEDULE

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PADSTONE SCHEDULE

REF	SIZE (mm)
P1	100 x 440 x 215 DEEP

NOTE: ALL PADSTONES MASS CONCRETE UNO

MATERIAL GRADES

ELEMENT	GRADE
MASS CONCRETE	GEN 1
STRUCTURAL SOFTWOOD	C16
STRUCTURAL STEELWORK	S355

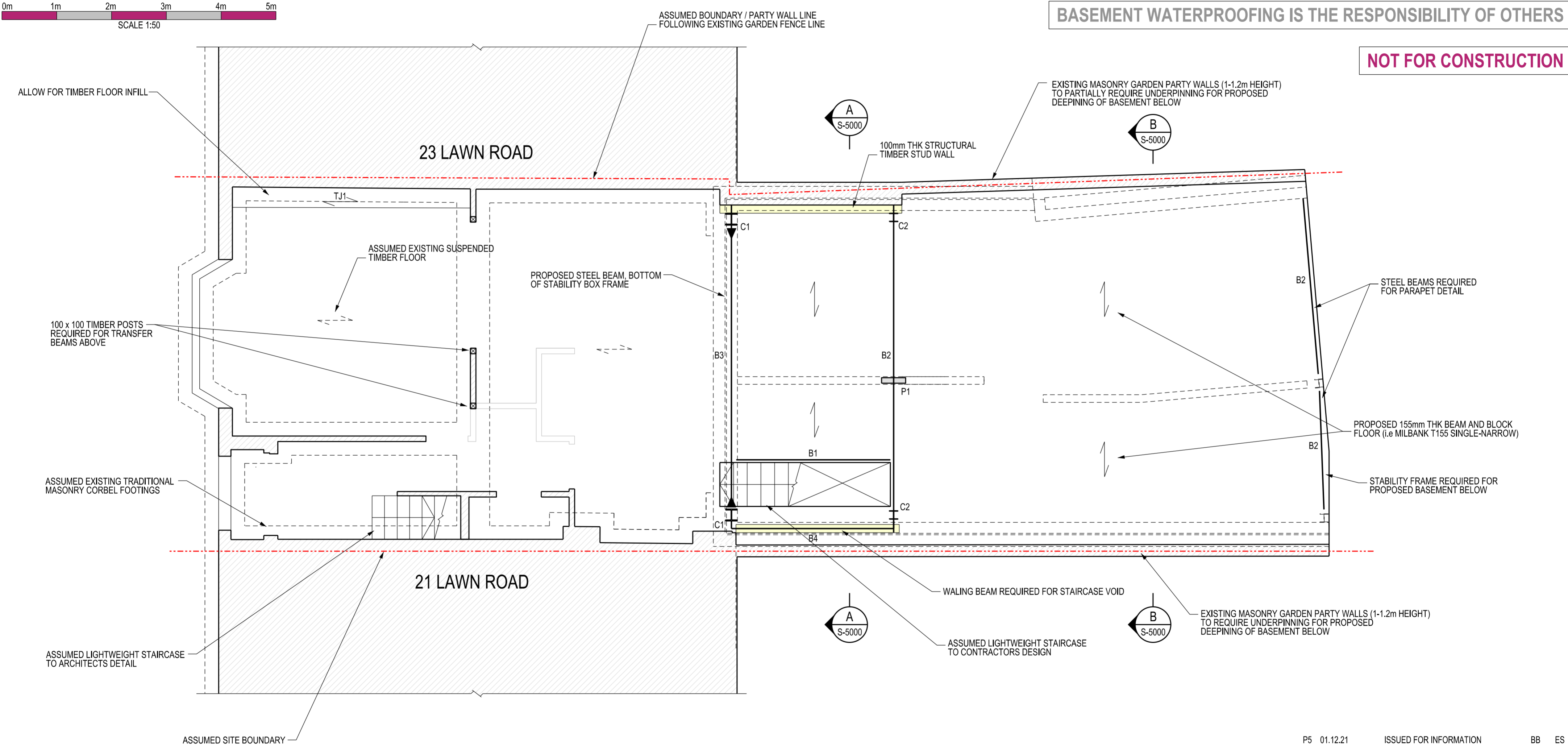
LEGEND

SPAN DIRECTION OF FLOOR	
SPAN DIRECTION OF EXISTING FLOOR	
PROPOSED R.C	
PROPOSED PADSTONES	
EXISTING STEEL BEAMS	
PROPOSED MASS CONCRETE	
PROPOSED BLOCKWORK	
EXISTING STRUCTURE	



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P5	01.12.21	ISSUED FOR INFORMATION	BB	ES
P4	19.11.21	ISSUED FOR INFORMATION	BB	ES
P3	05.11.21	ISSUED FOR INFORMATION	HOC	ES
P2	28.10.21	ISSUED FOR INFORMATION	BB	CG
P1	14.10.21	ISSUED FOR INFORMATION	BB	CG
REV	DATE	DESCRIPTION	BY	CHECKED

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MR RICHARD ROSIN  
AND  
MRS LOUISE EVANS

22 LAWN ROAD

PROPOSED  
GROUND FLOOR  
PLAN

SCALE 1:50 @ A2 DATE OCT '21 DRAWN BB CHECKED CG

3197-MORPH-ZZ-00-DR-S-1001

P5

DRAWING No. REVISION

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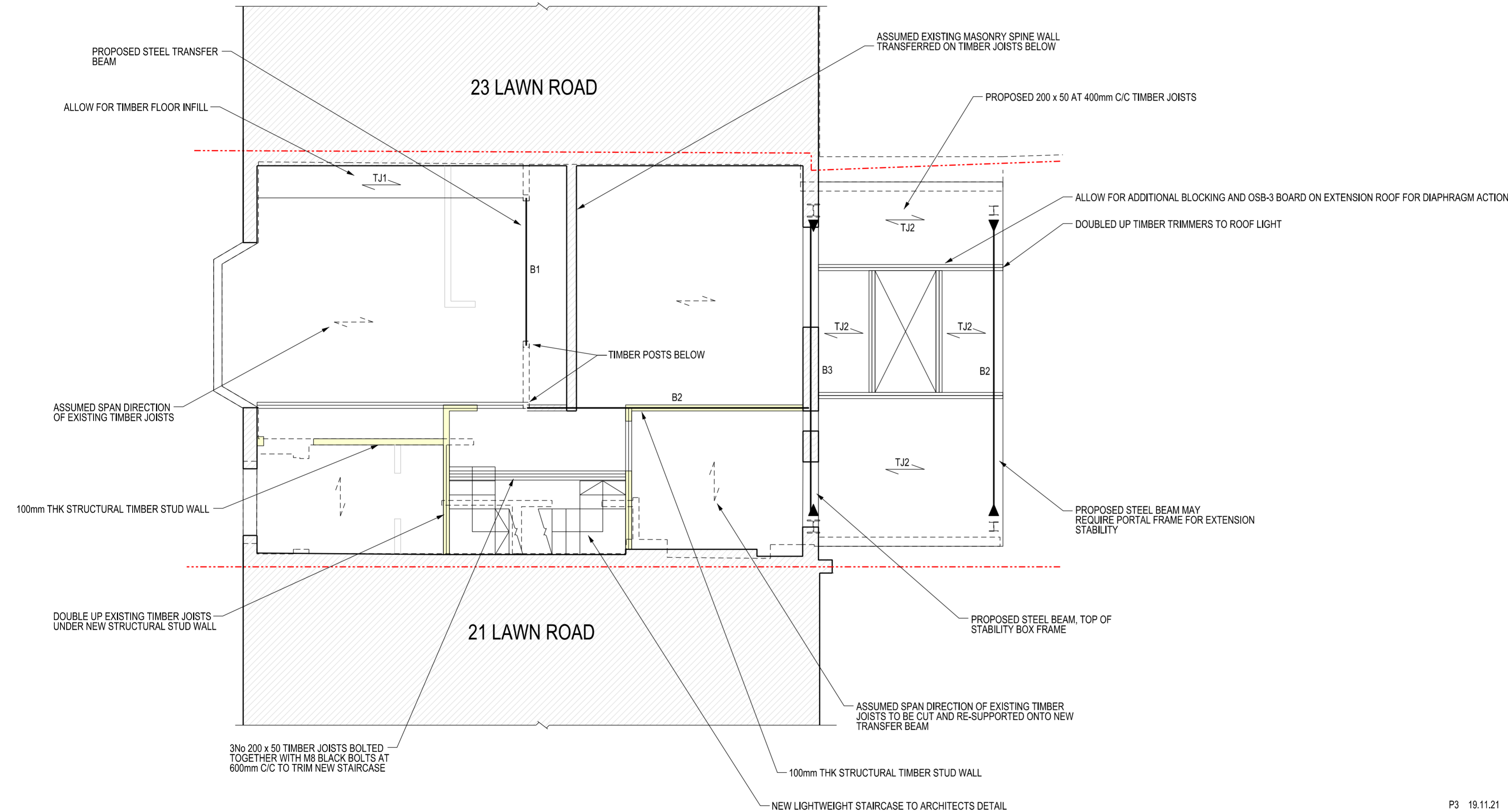
PADSTONE SCHEDULE	
REF	SIZE (mm)
P1	100 x 440 x 215 DEEP
NOTE: ALL PADSTONES MASS CONCRETE UNO	

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STRUCTURAL SOFTWOOD	C16
STRUCTURAL STEELWORK	S355

LEGEND	
SPAN DIRECTION OF FLOOR	
SPAN DIRECTION OF EXISTING FLOOR	
PROPOSED R.C	
PROPOSED PADSTONES	
EXISTING STEEL BEAMS	
PROPOSED MASS CONCRETE	
PROPOSED BLOCKWORK	
EXISTING STRUCTURE	



NOT FOR CONSTRUCTION



FOR INFORMATION ONLY

P3	19.11.21	ISSUED FOR INFORMATION	BB	CG
P2	28.10.21	ISSUED FOR INFORMATION	BB	CG
P1	14.10.21	ISSUED FOR INFORMATION	BB	CG
REV	DATE	DESCRIPTION	BY	CHECKED

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AND  
MRS LOUISE EVANS

22 LAWN ROAD

PROPOSED  
FIRST FLOOR  
PLAN

SCALE	1:50 @ A2	DATE	OCT '21	DRAWN	BB	CHECKED	CG
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P3

DRAWING No.	REVISION
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NOTES

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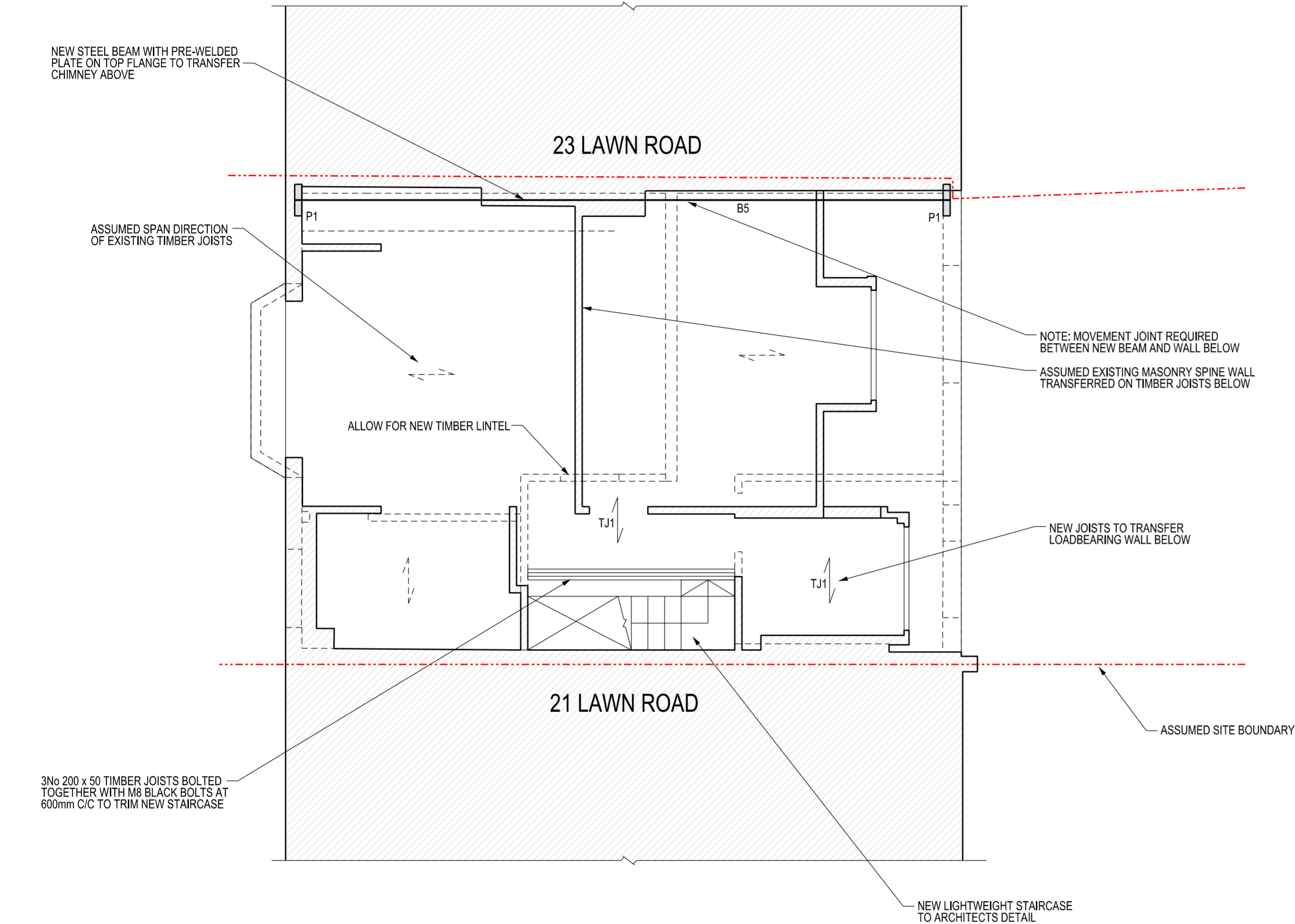
PADSTONE SCHEDULE	
REF	SIZE (mm)
P1	100 x 440 x 215 DEEP
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MATERIAL GRADES		
ELEMENT	GRADE	
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LEGEND		
SPAN DIRECTION OF FLOOR		
SPAN DIRECTION OF EXISTING FLOOR		
PROPOSED R.C		
PROPOSED PADSTONES		
EXISTING STEEL BEAMS		
PROPOSED MASS CONCRETE		
PROPOSED BLOCKWORK		
EXISTING STRUCTURE		



NOT FOR CONSTRUCTION



FOR INFORMATION ONLY

P4	01.12.21	ISSUED FOR INFORMATION	BB	CG
P3	19.11.21	ISSUED FOR INFORMATION	BB	CG
P2	28.10.21	ISSUED FOR INFORMATION	BB	CG
P1	14.10.21	ISSUED FOR INFORMATION	BB	CG
REV	DATE	DESCRIPTION	BY	CHECKED

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AND  
MRS LOUISE EVANS

22 LAWN ROAD

PROPOSED  
SECOND FLOOR  
PLAN

SCALE	1:50 @ A2	DATE	OCT '21	DRAWN	BB	CHECKED	CG
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3197-MORPH-ZZ-02-DR-S-1003

P4

DRAWING No. REVISION

NOTES

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STEEL COLUMN SCHEDULE	
REF	SIZE
C1	203 x 203 x 60 UC
C2	152 x 152 x 30 UC

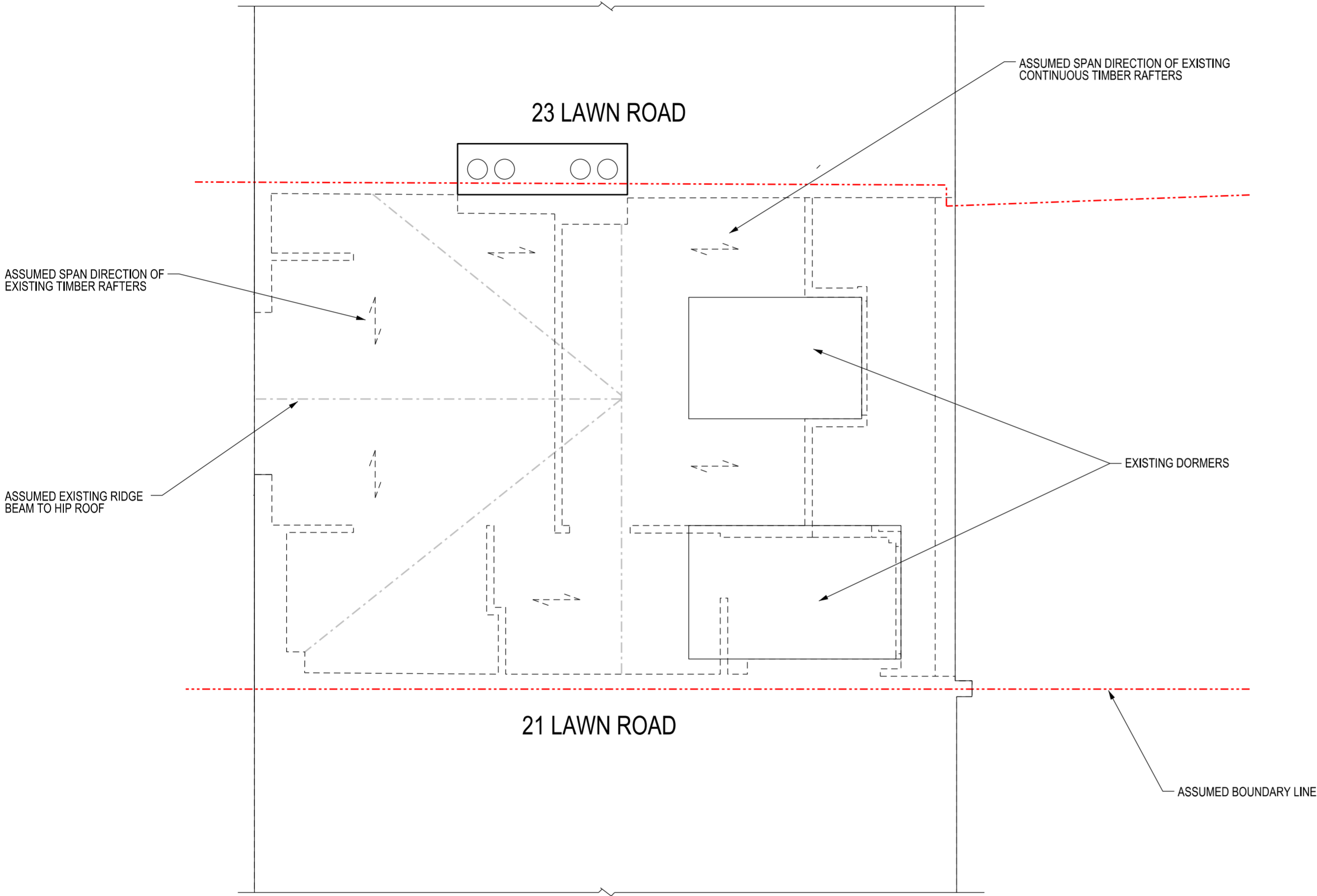
STEEL BEAM SCHEDULE	
REF	SIZE
B1	203 x 133 x 30 UB
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B3	203 x 203 x 86 UC
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TIMBER JOIST SCHEDULE	
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PADSTONE SCHEDULE	
REF	SIZE (mm)
P1	100 x 440 x 215 DEEP
NOTE: ALL PADSTONES MASS CONCRETE UNO	

MATERIAL GRADES	
ELEMENT	GRADE
MASS CONCRETE	GEN 1
STRUCTURAL SOFTWOOD	C16
STRUCTURAL STEELWORK	S355

LEGEND	
SPAN DIRECTION OF FLOOR	
SPAN DIRECTION OF EXISTING FLOOR	
PROPOSED R.C	
PROPOSED PADSTONES	
EXISTING STEEL BEAMS	
PROPOSED MASS CONCRETE	
PROPOSED BLOCKWORK	
EXISTING STRUCTURE	



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AND  
MRS LOUISE EVANS

22 LAWN ROAD

PROPOSED  
ROOF  
PLAN

P3	19.11.21	ISSUED FOR INFORMATION	BB	CG
P2	28.10.21	ISSUED FOR INFORMATION	BB	CG
P1	14.10.21	ISSUED FOR INFORMATION	BB	CG
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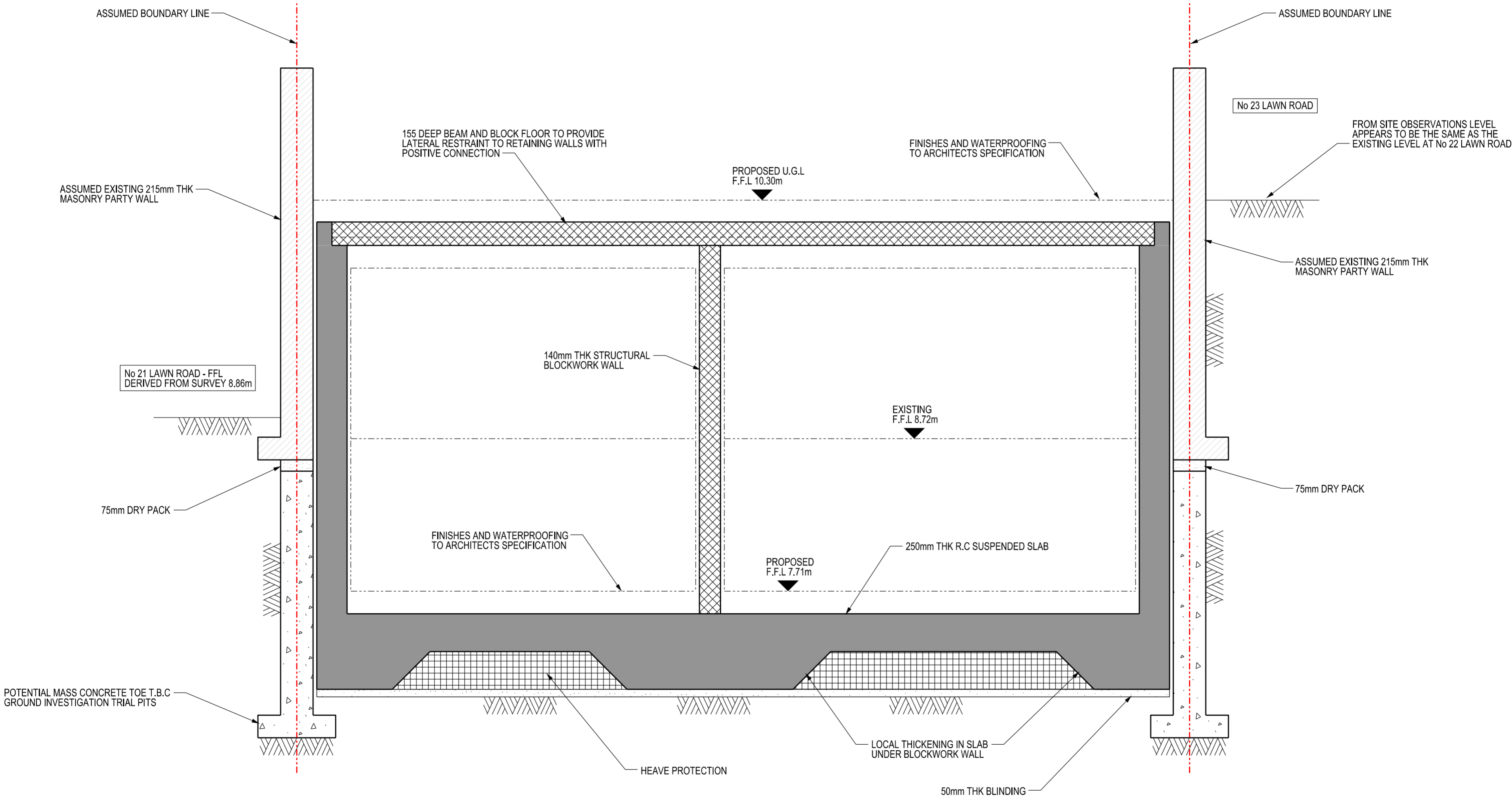
DRAWING No.

P3

REVISION

NOTES

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FOR INFORMATION ONLY

P2	19.11.21	ISSUED FOR INFORMATION	BB	CS
P1	28.10.21	ISSUED FOR INFORMATION	BB	CS
REV	DATE	DESCRIPTION	BY	CHECKED

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22 LAWN ROAD

OVERALL  
SECTION A - A

SCALE	1:20 @ A2	DATE	OCT '21	DRAWN	BB	CHECKED	CS
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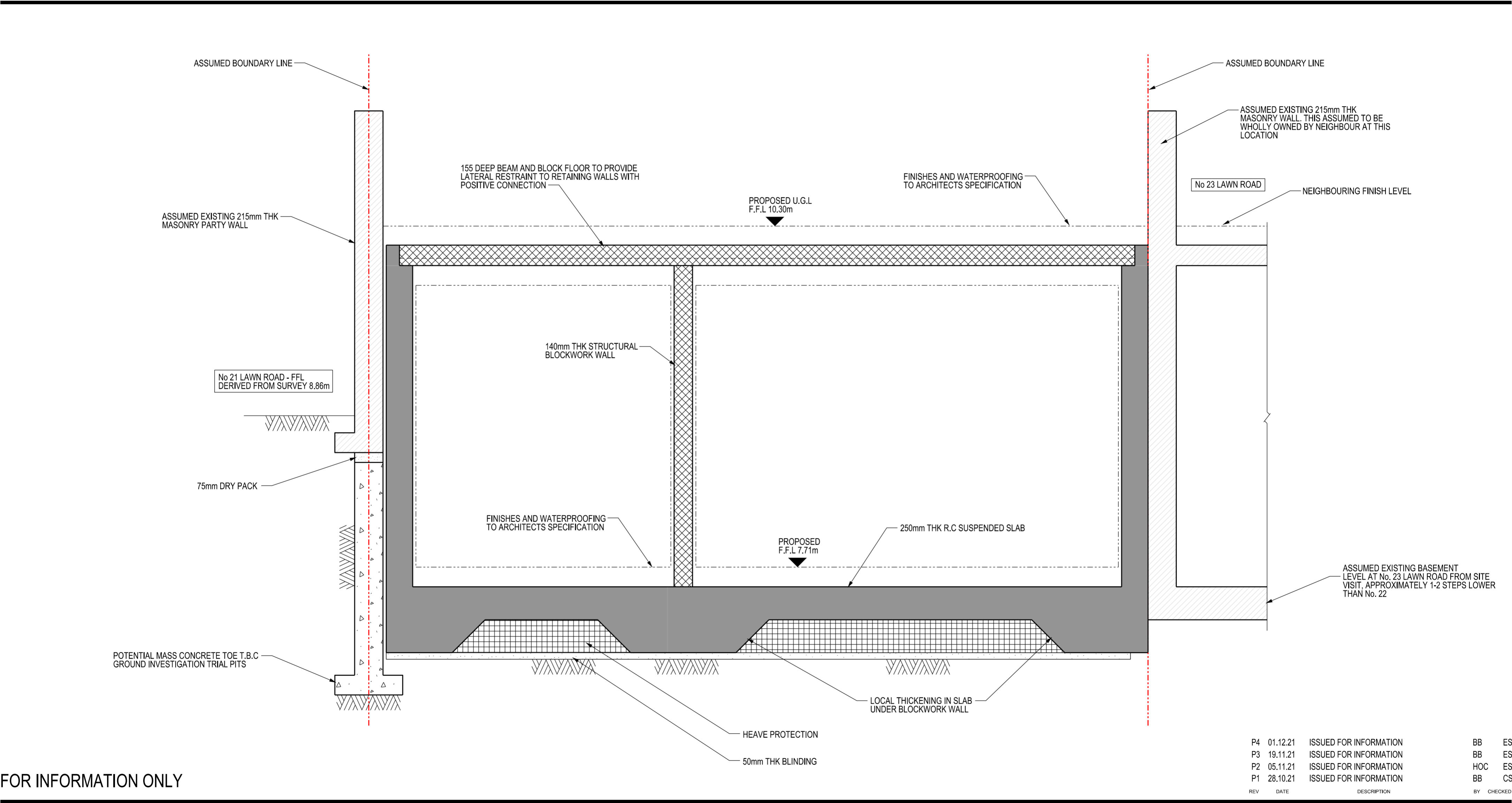
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P2

DRAWING No. REVISION

NOTES

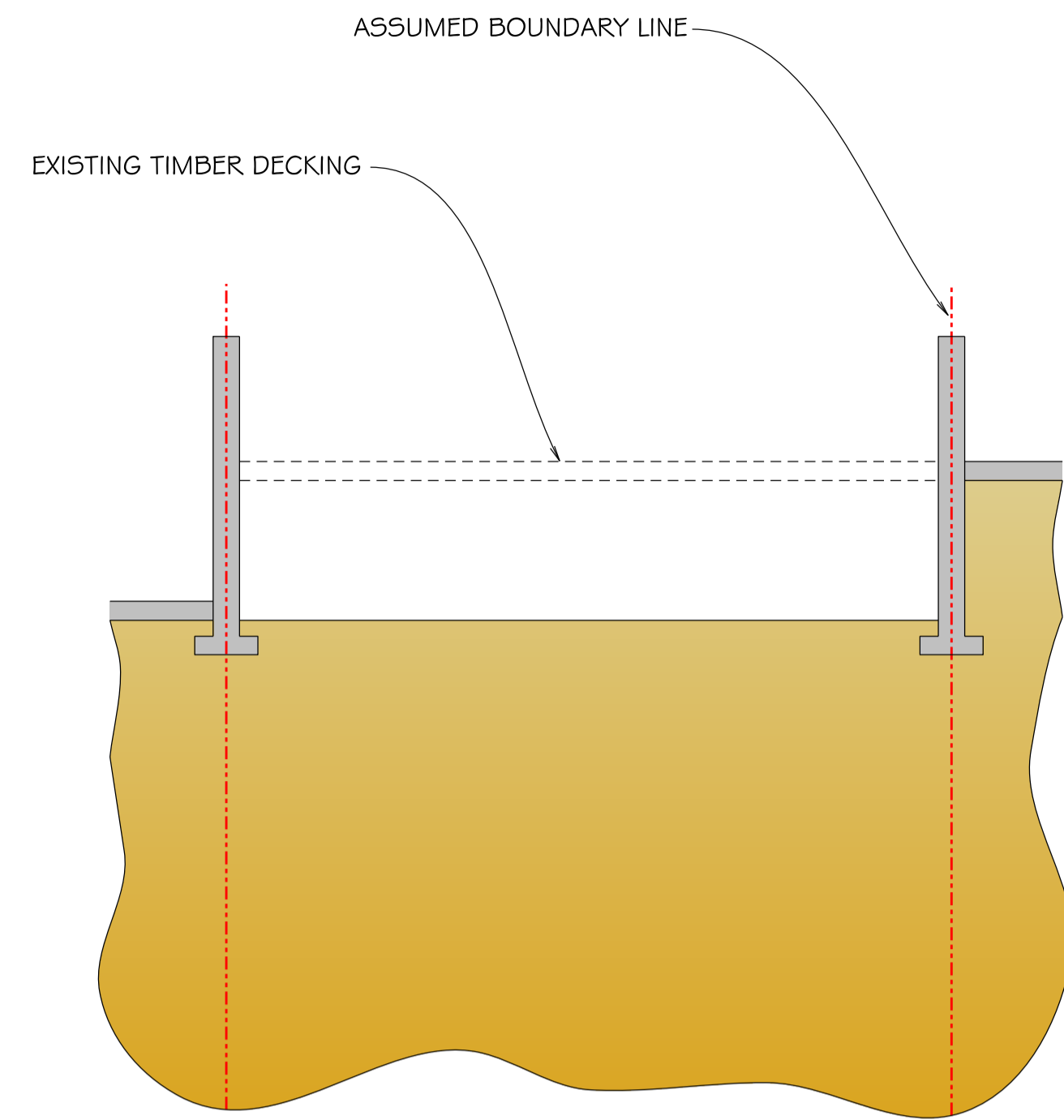
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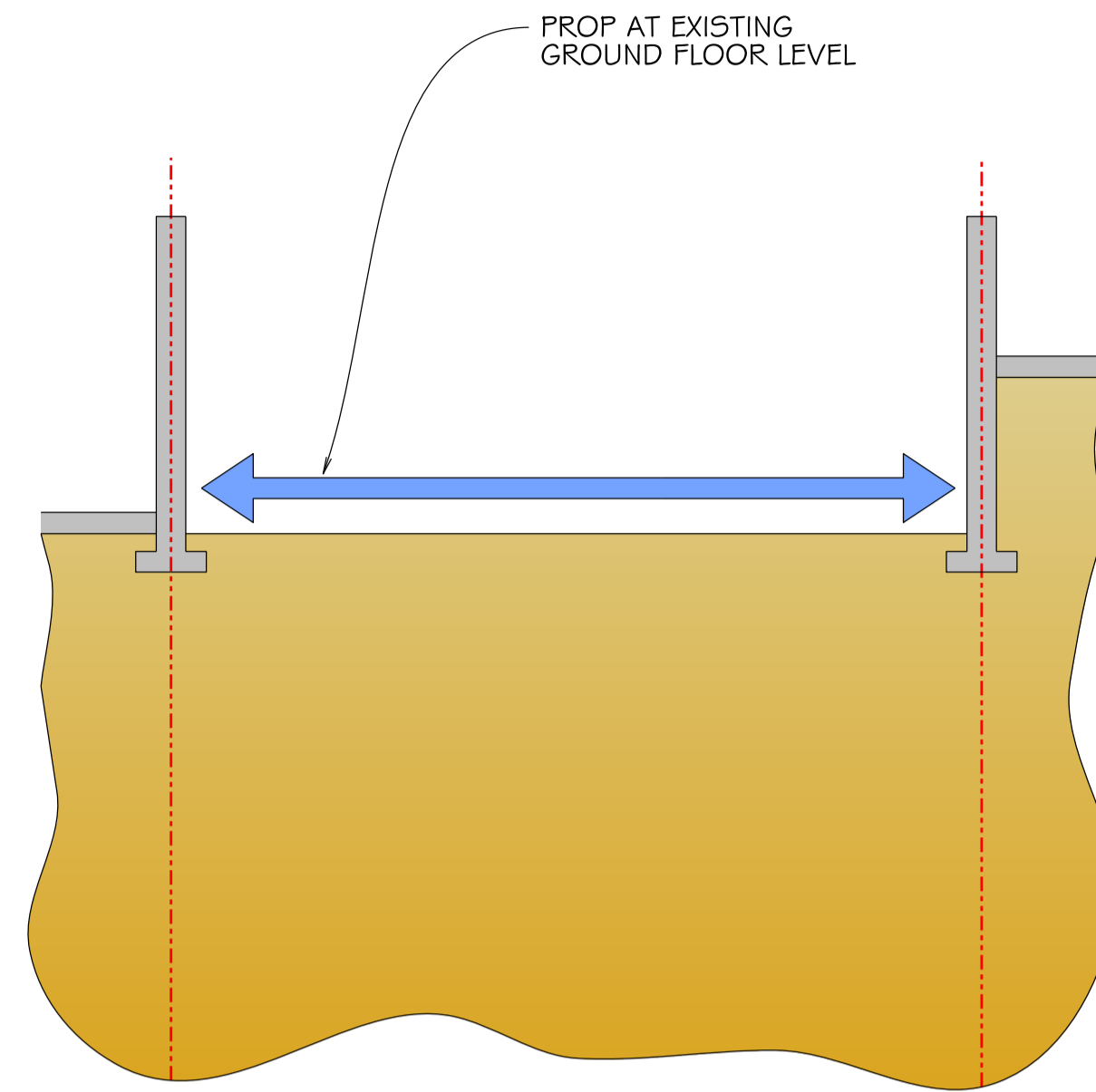
P4	01.12.21	ISSUED FOR INFORMATION	BB	ES
P3	19.11.21	ISSUED FOR INFORMATION	BB	ES
P2	05.11.21	ISSUED FOR INFORMATION	HOC	ES
P1	28.10.21	ISSUED FOR INFORMATION	BB	CS
REV	DATE	DESCRIPTION	BY	CHECKED

SCALE	1:20 @ A2	DATE	OCT '21	DRAWN	BB	CHECKED	CS
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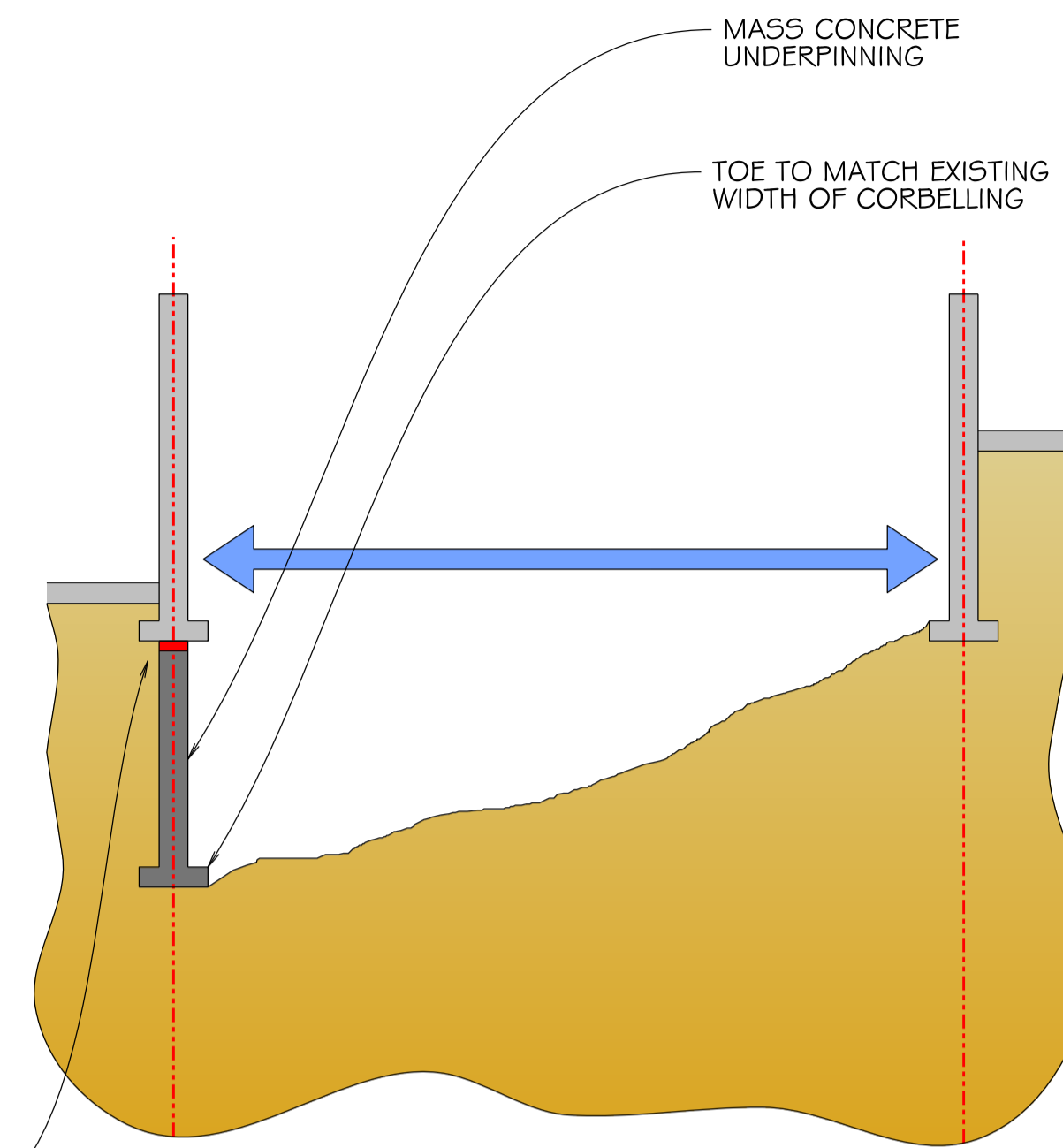
### STAGE 1

REMOVE EXISTING TIMBER DECKING



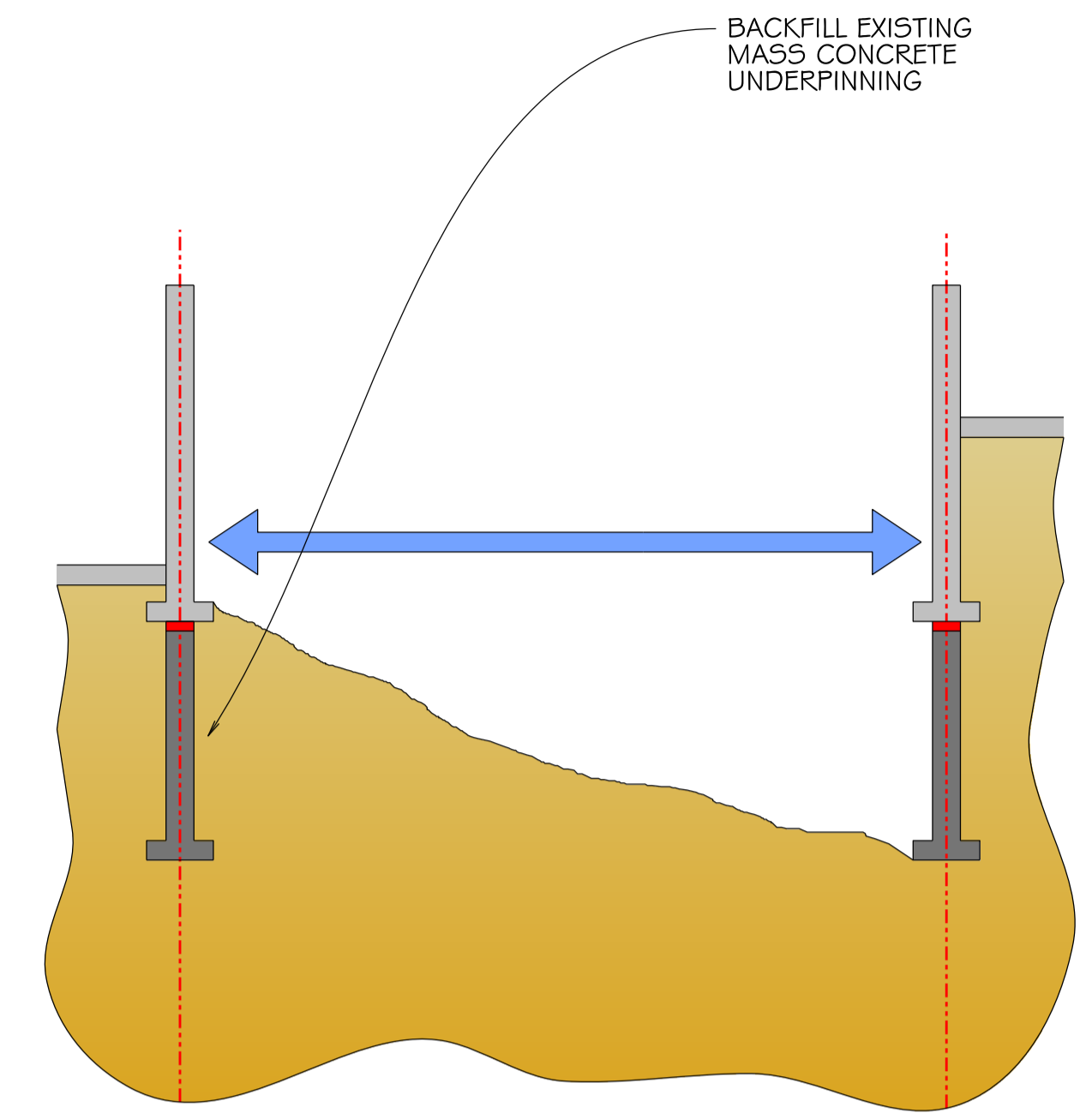
### STAGE 2

PROP AS NECESSARY BEFORE EXCAVATION



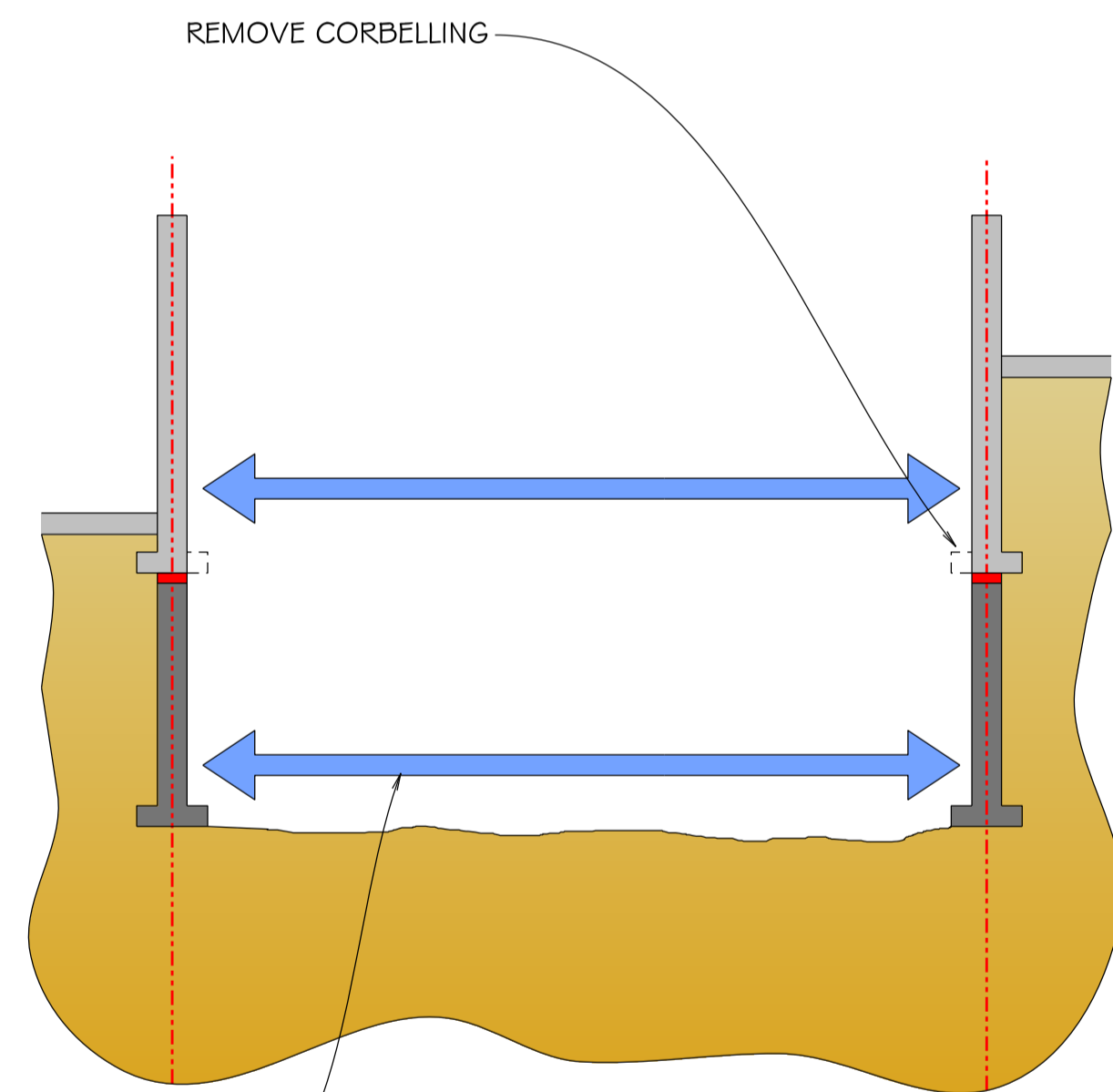
### STAGE 3

NEW MASS CONCRETE UNDERPINNING FORMED IN 1m SEQUENCE TO LOWER GROUND FLOOR LEVEL WITH MASS CONCRETE TOE



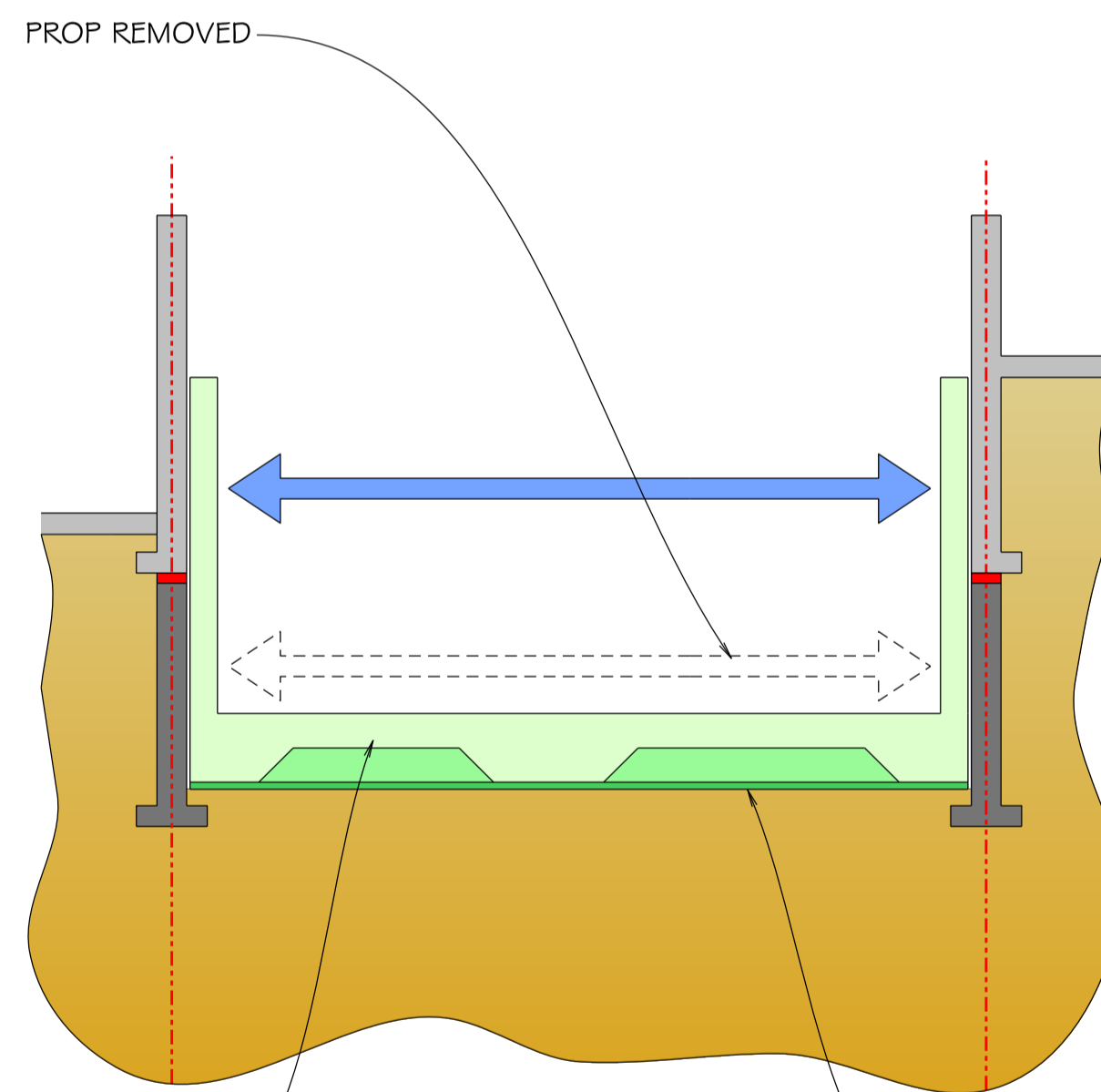
### STAGE 4

BACKFILL UNDERPINNING ON ONE BOUNDARY LINE BEFORE REPEATING PROCESS ON ADJACENT BOUNDARY



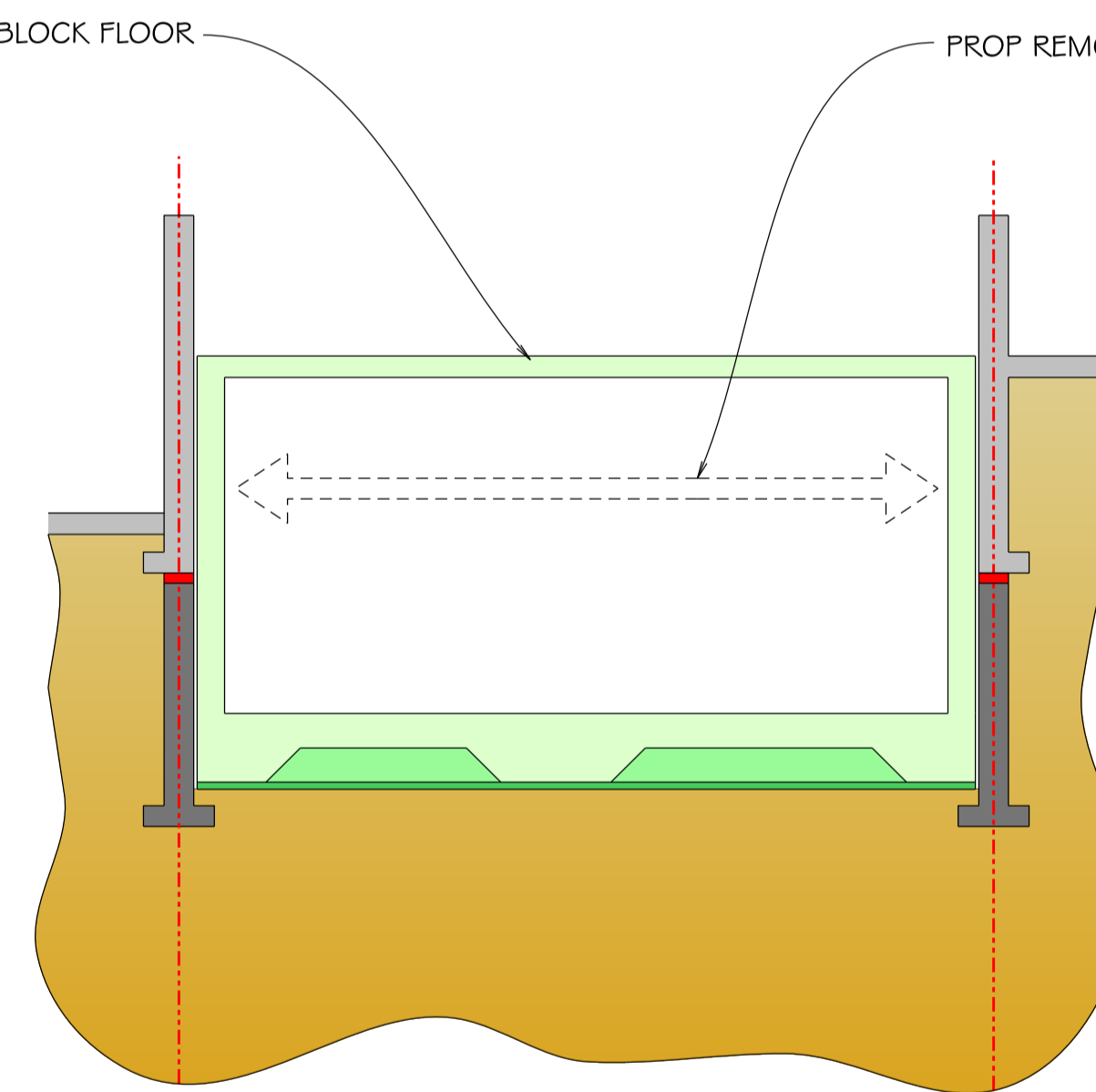
### STAGE 5

PROP AS NECESSARY WHILST EXCAVATING TO NEW LOWER GROUND FLOOR LEVEL



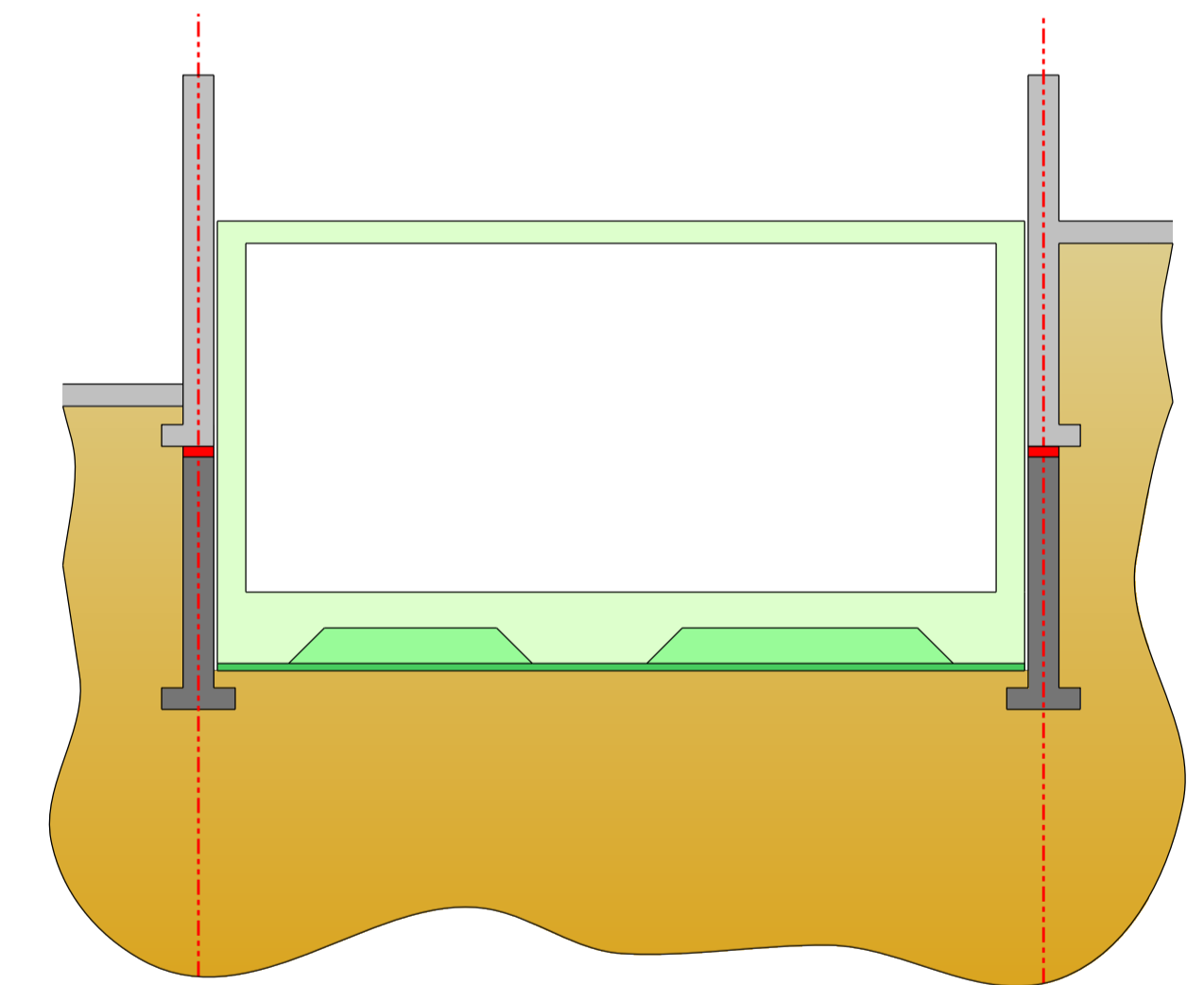
### STAGE 6

INSTALL R.C RETAINING WALLS AND R.C SLAB. MAINTAIN PROPPING UNTIL CONCRETE HAS DEVELOPED STRENGTH



### STAGE 7

INSTALL BEAM AND BLOCK FLOOR WITH A POSITIVE CONNECTION TO R.C WALLS BEFORE REMOVING TOP PROP





### STAGE 8

COMPLETE

Appendix B

# Scope of Investigative Works

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GEOTECHNICAL INVESTIGATIONS		
REF	DESCRIPTION OF WORKS	COMMENTS
	REMOVE FINISHES LOCAL TO PROPOSED TRIAL PITS, EXCAVATE DOWN TO ESTABLISH DEPTH OF EXISTING FOUNDATIONS	DEPTH OF EXCAVATION SUBJECT TO DEPTH OF EXISTING FOOTINGS - ALLOW FOR 1.2M DEPTH OF DIG. BACKFILL UPON INSPECTION
	BOREHOLE INVESTIGATIONS TO BE CARRIED OUT IN ACCORDANCE WITH GEOTECHNICAL BRIEF.	CONTRACTOR TO CHECK ACCESS.

