

B/2/X01 - Existing joist size sufficient for access load and assumed roof build ups. MEP Engineer to confirm existing/ proposed plant loading. Additional fixings and steel angle required to support the roof.

B/2/X02 - No change to current loading of roof. No proposed structural alterations to reinforced concrete roof.

B/2/X03 - Existing joist size insufficient for access load and assumed roof build ups. Replace existing joists with new 175x47mm C24 timber joists at 400mm c/c. No plant loading allowance made, assumed that proposed water tanks are to be supported off existing steelwork.

B/3/X03 (Contractors desk room) - Ceiling carefully dismantled and roof strengthened with 47x200mm C24 timber joists at max. 600mm centres. New joists to be supported off existing cast iron beam. 18mm ply sheeting installed below existing slate/stone roof panel.

B/3/X03 (Room with sky light) - Ceiling carefully dismantled and roof strengthened with 47x200mm C24 timber joists at max. 400mm centres. 18mm ply sheeting installed below existing slate/stone roof panel. Connection details to existing building subject to further opening up works.

B/3/X04 (Corridor) - Ceiling carefully dismantled and roof strengthened with 47x225mm C24 timber joists at max. 400mm centres. 18mm ply sheeting installed below existing slate/stone roof panel.

B/3/X04 (West) - Roof strengthened with 47x225mm C24 timber joists at max. 400mm centres. 18mm ply topping below existing slate/stone roof panel. Refer to drawing 1635-10-CIV-XX-ZZ-S-S-92001 for assumed sequence of construction.

15.05.23	P02	DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	P01	INFORMATION	PN	JB
DATE	REV	DESCRIPTION	DRAWN	CHKD

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PROJECT
THE BRITISH MUSEUM, ESSENTIAL WATER
INGRESS PROTECTION WORKS

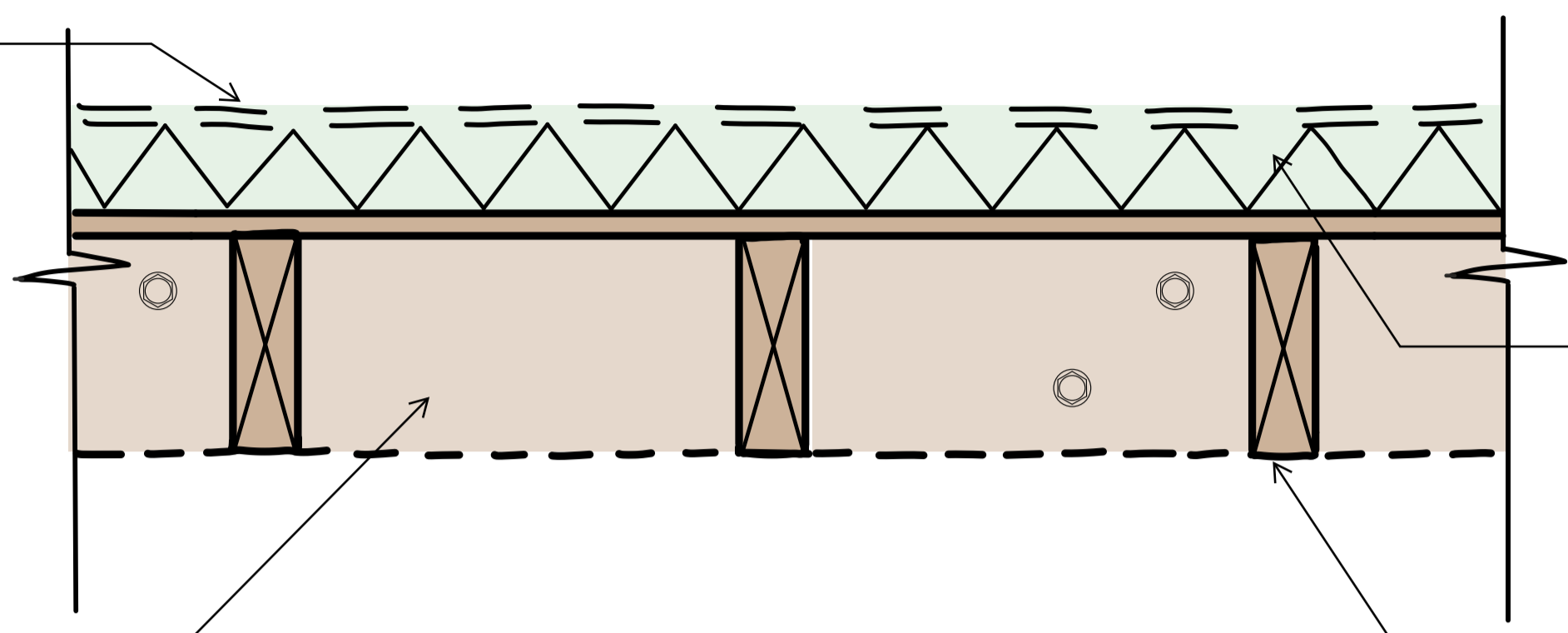
TITLE
PROPOSALS OVERVIEW

DRAWING STATUS				STATUS CODE	
INFORMATION				-	
CE PROJECT No.	SCALE @ A3	DATE CREATED	DRAWN	CHECKED	
1635/10	NTS	MAY '23	PN	JB	
DRAWING No.				REV	
1635-10-CIV-XX-ZZ-S-S-00002				P02	

PROPOSED NEW INSULATION AND WATERPROOFING TO FALL, TO ARCHITECT'S SPECIFICATION.

FIXINGS AT 800MM C/C

47X175 TIMBER WALL PLATE FIXED INTO EXISTING MASONRY WALL WITH 2 NO. HAS-U 8.8 M12x160 AT 400MM C/C WITH HIT-HY 270 MORTAR. MINIMUM 100MM EMBEDMENT DEPTH. FIXINGS STAGGERED.



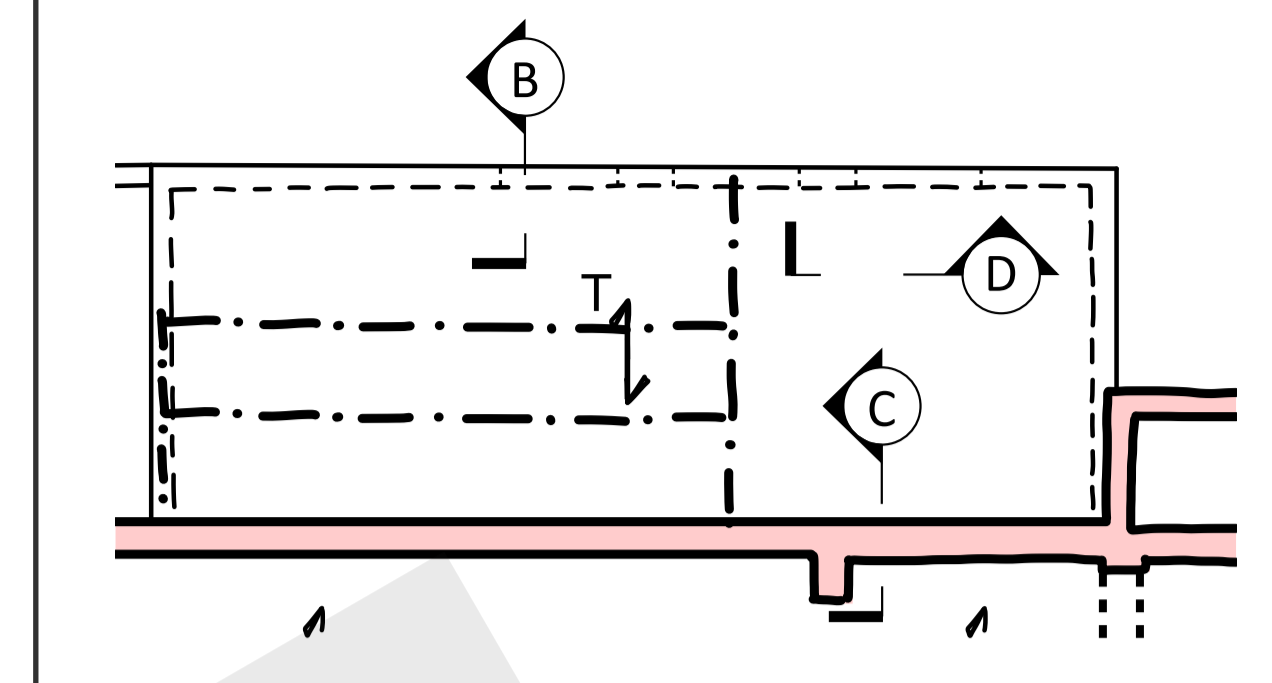
PROPOSED NEW 47 x 175mm C16 TIMBER JOISTS AT 400MM C/C.

PROPOSED NEW 47 x 175mm C16 TIMBER JOISTS AT 400MM C/C.

DETAIL D-D, TYPICAL DETAIL

SCALE - 1:5 @ A1

KEY PLAN:



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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NOTES:

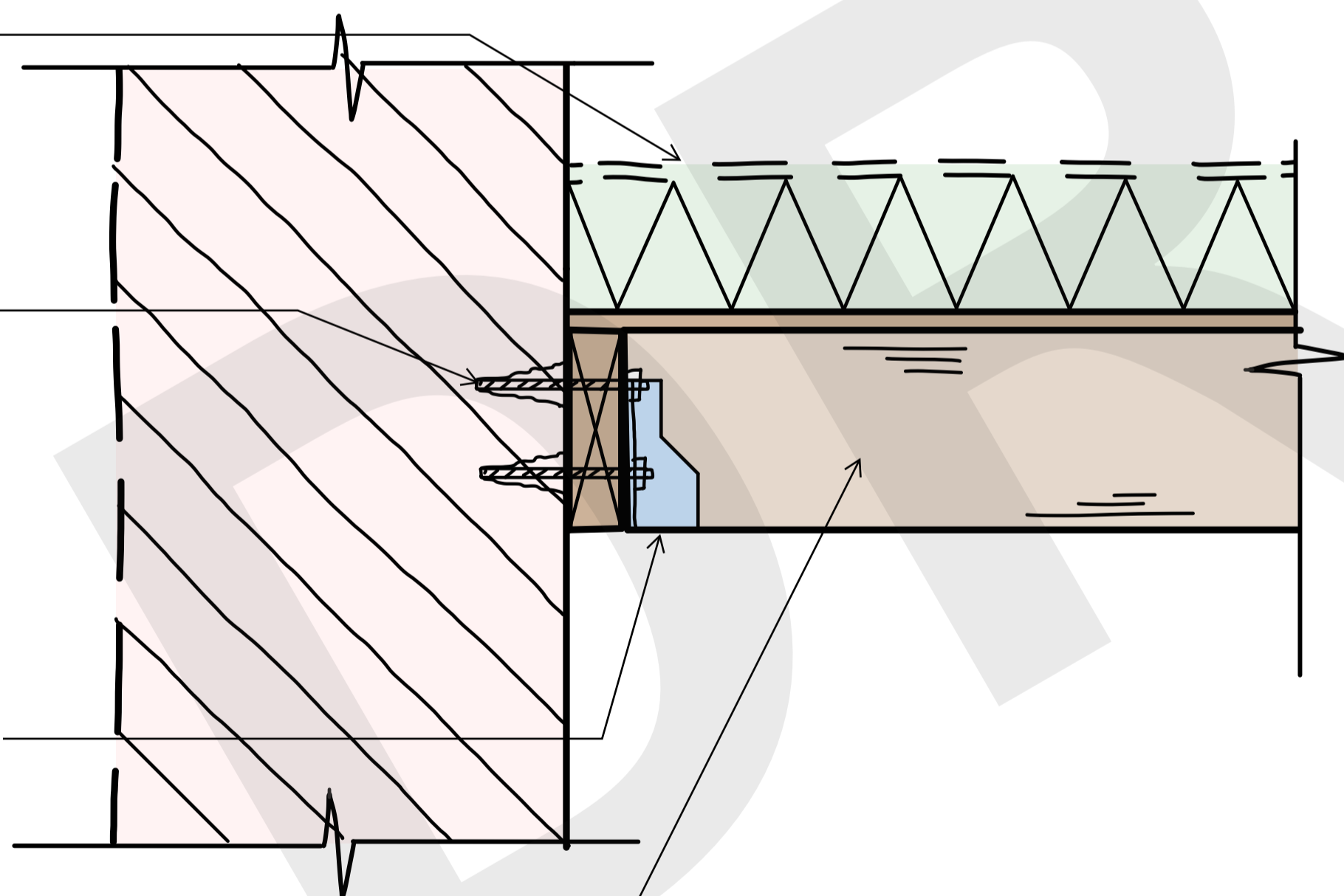
1. PROPOSED DETAILS TO BE CONFIRMED FOLLOWING REMOVAL OF CEILING PANEL/ OPENING UP WORKS TO EXPOSE STRUCTURE.
2. REFER TO EXISTING STRUCTURE DRAWINGS FOR ASSUMPTIONS ON EXISTING STRUCTURE.
3. REFER TO GENERAL NOTES DRAWING.

PROPOSED NEW INSULATION AND WATERPROOFING TO FALL, TO ARCHITECT'S SPECIFICATION.

47X175 TIMBER WALL PLATE FIXED INTO EXISTING MASONRY WALL WITH 2 NO. HAS-U 8.8 M12x160 AT 800MM C/C WITH HIT-HY 270 MORTAR. MINIMUM 100MM EMBEDMENT DEPTH INTO MASONRY WALL.

SIMPSON STRONG-TIE SAE-SAE1 HEAVY DUTY WALL TIE TO MATCH PROPOSED JOIST SIZE

NOGGINNS NOT SHOWN FOR CLARITY. REFER TO NOTE 3 ON GENERAL NOTES DRAWING FOR DETAILS.



DETAIL C-C

SCALE - 1:5 @ A1

PROPOSED NEW INSULATION AND WATERPROOFING TO FALL.

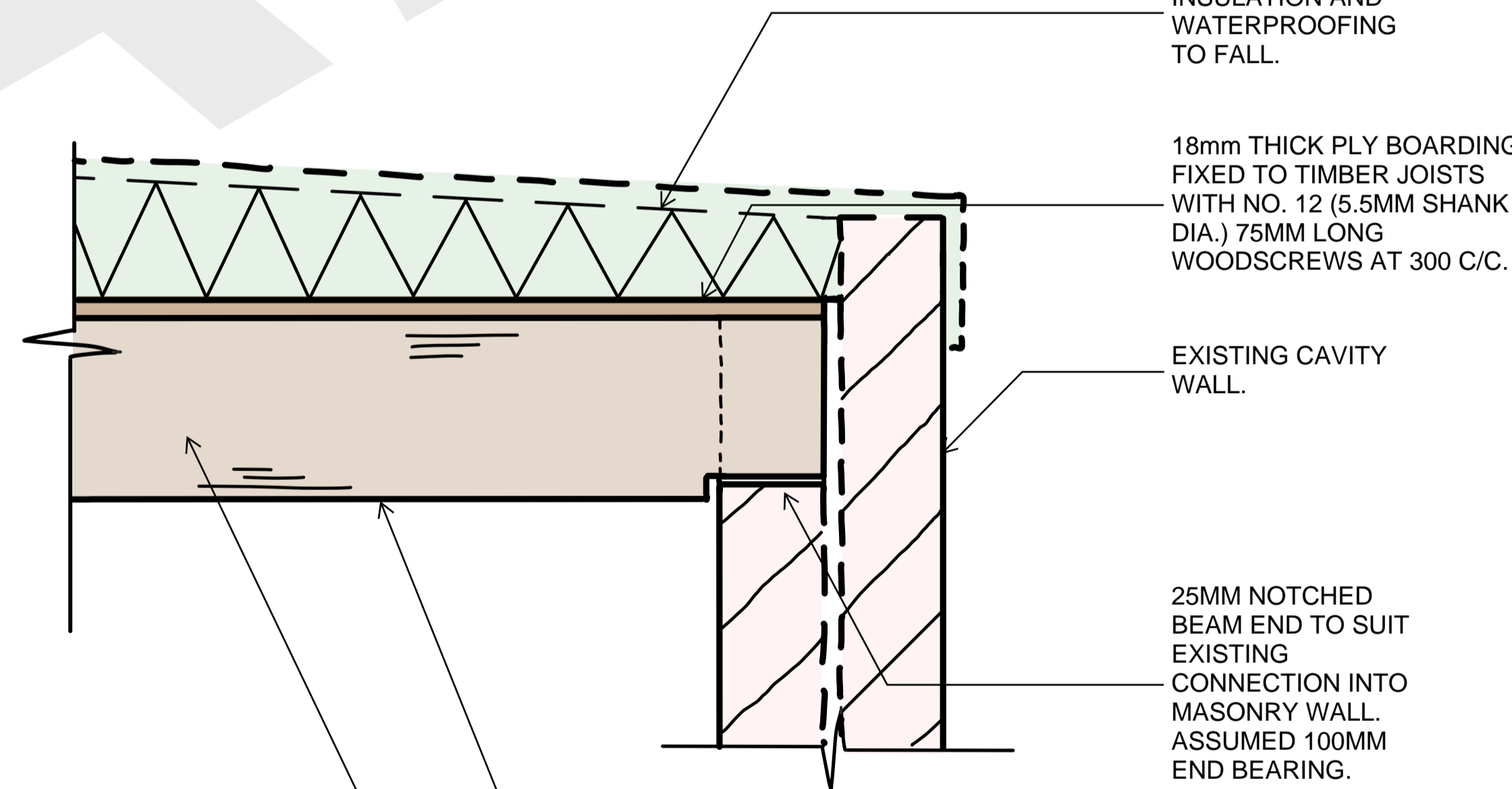
18mm THICK PLY BOARDING, FIXED TO TIMBER JOISTS WITH NO. 12 (5.5MM SHANK DIA.) 75MM LONG WOODSCREWS AT 300 C/C.

EXISTING CAVITY WALL.

25MM NOTCHED BEAM END TO SUIT EXISTING CONNECTION INTO MASONRY WALL. ASSUMED 100MM END BEARING.

PROPOSED 47 x 175mm C16 TIMBER JOISTS AT 400MM C/C.

NOGGINNS NOT SHOWN FOR CLARITY. REFER TO NOTE 3 FOR DETAILS.



DETAIL B-B

SCALE - 1:5 @ A1

15.05.23	P02	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	P01	DRAFT STAGE 3 ISSUE	PN	JB
DATE	REV	DESCRIPTION	DRAWN	CHKD



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PROJECT

THE BRITISH MUSEUM, ESSENTIAL WATER INGRESS PROTECTION WORKS

TITLE

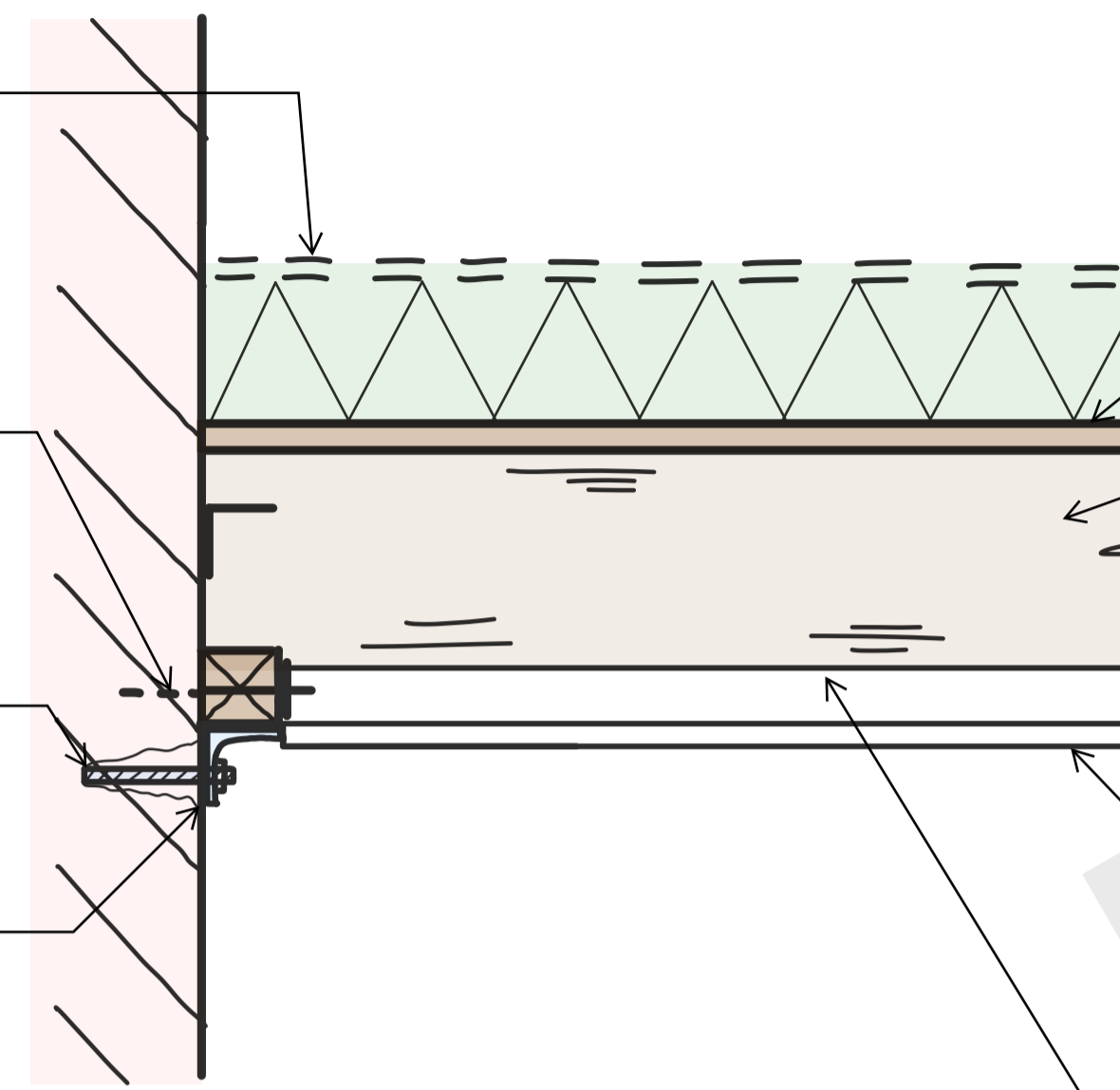
PROPOSED STRUCTURE DETAILS ROOF B/2/X03 KITCHEN BUILDING DETAILS, B,C & D

DRAWING STATUS		STATUS CODE	
INFORMATION		SO	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
1635/10	AS SHOWN	MAY '23	PN
DRAWING No.		REV	JB
1635-10-CIV-XX-ZZ-S-S-91001		REV	P02

PROPOSED WATERPROOFING AND INSULATION TO ARCHITECT'S SPECIFICATION AND DETAILS.

ASSUMED EXISTING FIXING INTO MASONRY WALL

PROPOSED 50MM X 50MM, 5.0MM THICK EQUAL ANGLE TIGHT TO UNDERSIDE OF EXISTING TIMBER WALL PLATE WITH 1 NO. HAS-U 8.8 M12x120 AT EVERY JOIST LOCATION (APPROX. 400MM C/C) WITH HIT-HY 270 MORTAR. MINIMUM 100MM EMBEDMENT DEPTH INTO MASONRY WALL.



EXISTING ASSUMED TIMBER BOARDING. THICKNESS TO BE CONFIRMED ON SITE.

EXISTING 45MM X 120MM TIMBER JOISTS AT 400MM C/C.

EXISTING CEILING

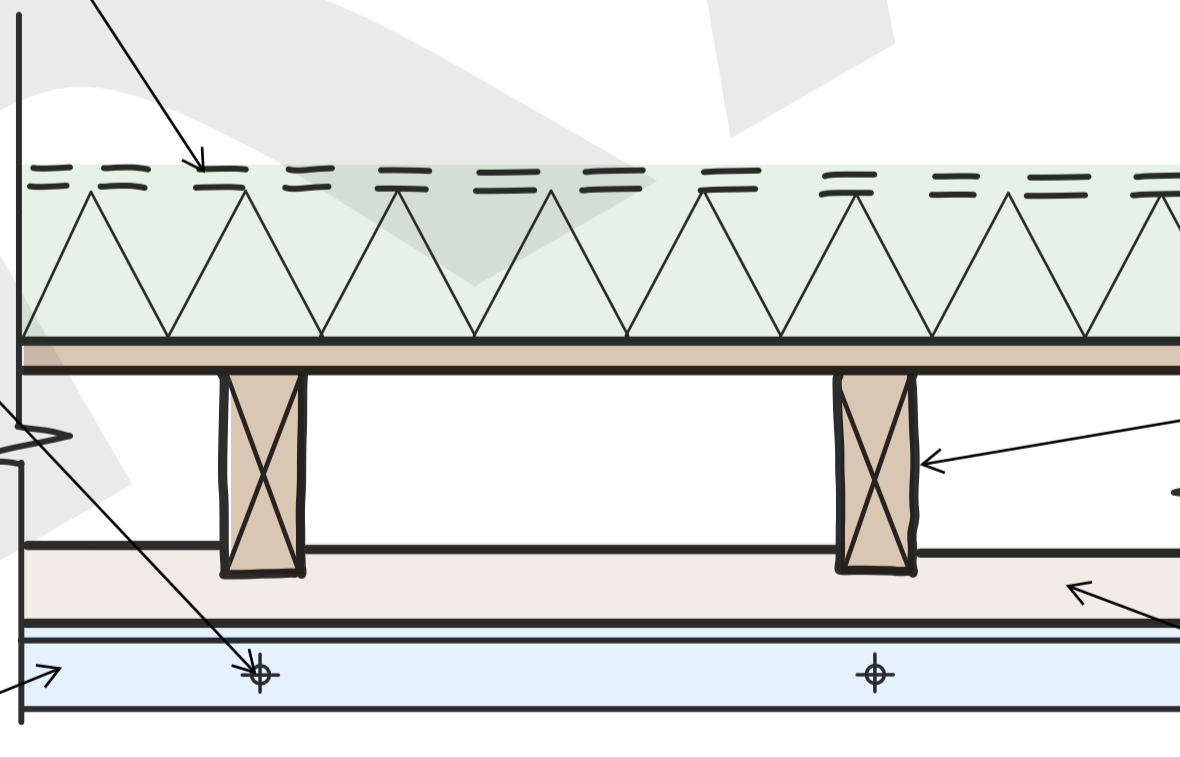
ADD IN NEW NOGGINS, REFER TO NOTE 3 ON GENERAL NOTES DRAWING FOR DETAILS. NOGGINS NOT SHOWN FOR CLARITY

DETAIL E-E
SCALE - 1:5 @ A1

PROPOSED WATERPROOFING AND INSULATION TO ARCHITECT'S SPECIFICATION AND DETAILS.

1 NO. HAS-U 8.8 M12x120 AT EVERY JOIST LOCATION (APPROX. 400MM C/C) WITH HIT-HY 270 MORTAR. MINIMUM 85MM EMBEDMENT DEPTH INTO MASONRY WALL.

PROPOSED 50MM X 50MM EQUAL ANGLE TIGHT TO UNDERSIDE OF EXISTING TIMBER WALL PLATE

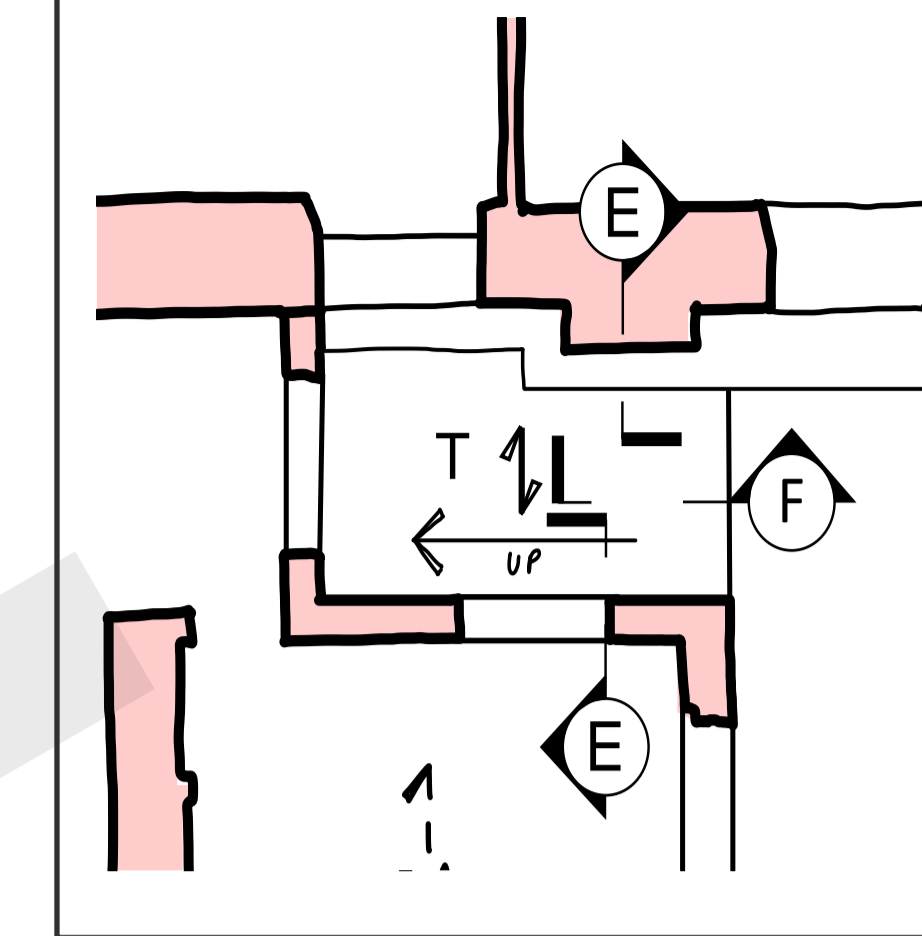


EXISTING 45MM X 120MM TIMBER JOISTS AT 400MM C/C.

EXISTING TIMBER WALL PLATE

DETAIL F-F
SCALE - 1:5 @ A1

KEY PLAN:



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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NOTES:

1. PROPOSED DETAILS TO BE CONFIRMED FOLLOWING REMOVAL OF CEILING PANEL/ OPENING UP WORKS TO EXPOSE STRUCTURE.
2. REFER TO EXISTING STRUCTURE DRAWINGS FOR ASSUMPTIONS ON EXISTING STRUCTURE.
3. REFER TO GENERAL NOTES DRAWING.

15.05.23	P02	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	P01	DRAFT STAGE 3 ISSUE	PN	JB

DATE	REV	DESCRIPTION	DRAWN	CHKD
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LEEDS 1 Saw Mill Street, Water Lane, Leeds LS11 5SR, Tel: 0113 2025 100
GLASGOW Sanderson Square, 40 West Nile St, Glasgow, G2 3PF, Tel: 0141 890 1829

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PROJECT

THE BRITISH MUSEUM,
ESSENTIAL WATER INGRESS
PROTECTION WORKS

TITLE
PROPOSED STRUCTURE DETAILS
ROOF B/2/X01
STORE ROOM BUILDING DETAILS E & F

DRAWING STATUS						STATUS CODE	
INFORMATION						SO	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED			
1635/10	AS SHOWN	MAY '23	PN	JB			
DRAWING No.						REV	
1635-10-CIV-XX-ZZ-S-S-91002						P02	

18MM THICK PLYWOOD BELOW SLATE PANELS, TEMPORARILY SUPPORTED

PROPOSED 47 X 225MM JOISTS AT MAXIMUM 400MM C/C.

EXISTING TIMBER CEILING STRUCTURE TO BE RETAINED.

EXISTING LATH AND PLASTER CEILING TO BE CAREFULLY REMOVED TO ALLOW FOR STRENGTHENING OF ROOF ABOVE.

INSTALL TIMBER FOLDING WEDGES AND GLUE AND SCREW IN PLACE FOR POSITIVE CONNECTION BETWEEN TIMBER JOISTS AND ROOF STRUCTURE. GLUE TO BE HIGH STRENGTH WATERPROOF TIMBER GLUE AND SCREWS TO BE NO. 12 WOOD SCREWS. **NOTE:** CARE SHOULD BE TAKEN TO INSTALL FOLDING WEDGES TO A SUITABLE PRESSURE AND LIMIT THE UPWARDS PRESSURE ON THE SLATE ROOF PANELS.

CONNECTION DETAIL TO WALL / TIMBER WALL PLATE TO BE DEVELOPED FOLLOWING FURTHER INVESTIGATIONS TO EXISTING STRUCTURE. ALLOW FOR 200 x 90 PFC INTO EXISTING MASONRY WITH 4 NO. HILTI M12 HAS-U RESIN ANCHORS

DETAIL G-G

SCALE - 1:5 @ A1

NOGGINS NOT SHOWN FOR CLARITY. REFER TO NOTE 3 ON GENRAL NOTES DRAWING FOR DETAILS.

PROPOSED 47 X 225MM JOISTS AT MAXIMUM 400MM C/C.

EXISTING SLATE JOIST BEYOND

SIMPSON STRONG-TIE SAE-SAE1 HEAVY DUTY WALL TIE TO MATCH PROPOSED JOIST SIZE

ALLOW FOR 200X 90 PFC INTO EXISTING MASONRY WITH 4 NO. HILTI M12 HAS-U RESIN ANCHORS

MASONRY LOCALLY BROKEN OUT TO ALLOW FOR INSTALLATION OF PFC AND TIMBER JOISTS.

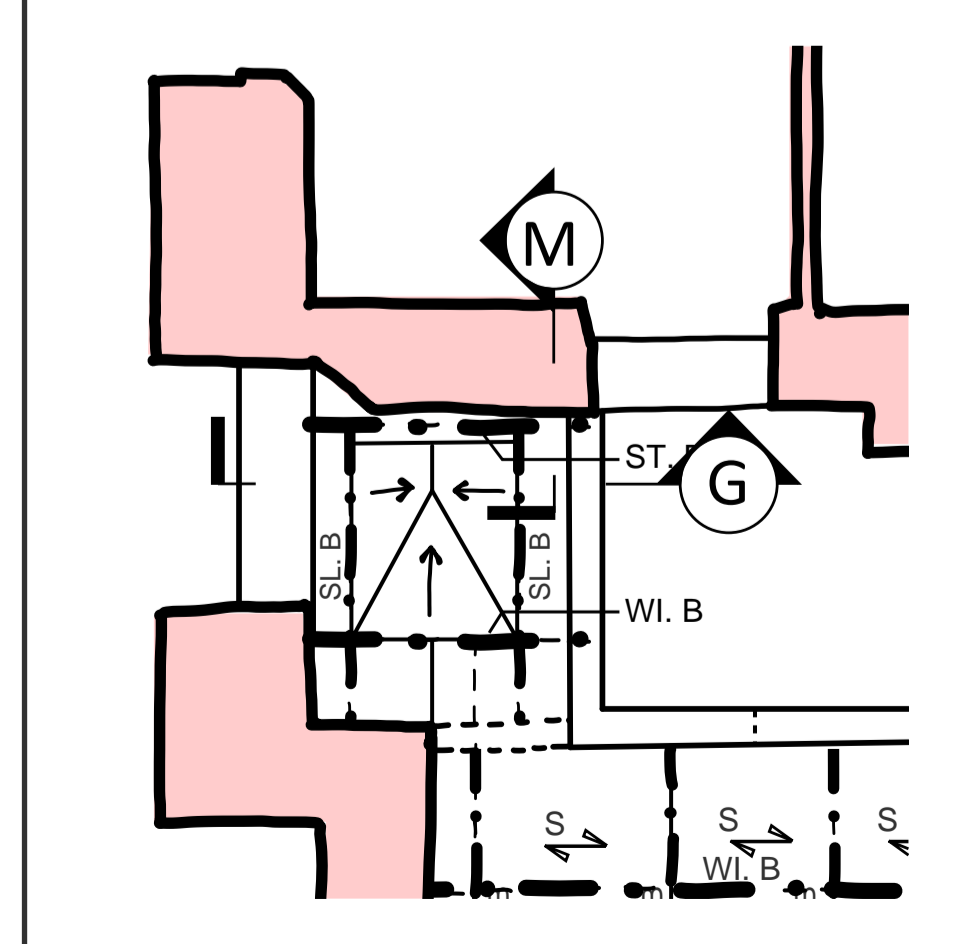
BEAM SIZE TO BE CONFIRMED ON SITE TO ALLOW ASSESSMENT OF EXISTING CAPACITY.

DETAIL M-M

SCALE - 1:5 @ A1

NOTE: CEILING TO BE OPENED UP AS PRIORITY OF MAIN WORKS AND TO ALLOW CIVIC ENGINEERS ACCESS TO PROPERLY VIEW LOCATION. CONTRACTOR TO ALLOW TIME IN THEIR PROGRAMME FOR THIS DETAIL TO BE DEVELOPED AND REISSUED

KEY PLAN:



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
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NOTES:

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2. REFER TO EXISTING STRUCTURE DRAWINGS FOR ASSUMPTIONS ON EXISTING STRUCTURE.
3. REFER TO GENERAL NOTES DRAWING.
4. ALL DETAILS AND DIMENSIONS TO BE CONFIRMED FOLLOWING REMOVAL OF CEILING PANEL FOR PROPOSED WORKS.

15.05.23	P02	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	P01	DRAFT STAGE 3 ISSUE	PN	JB

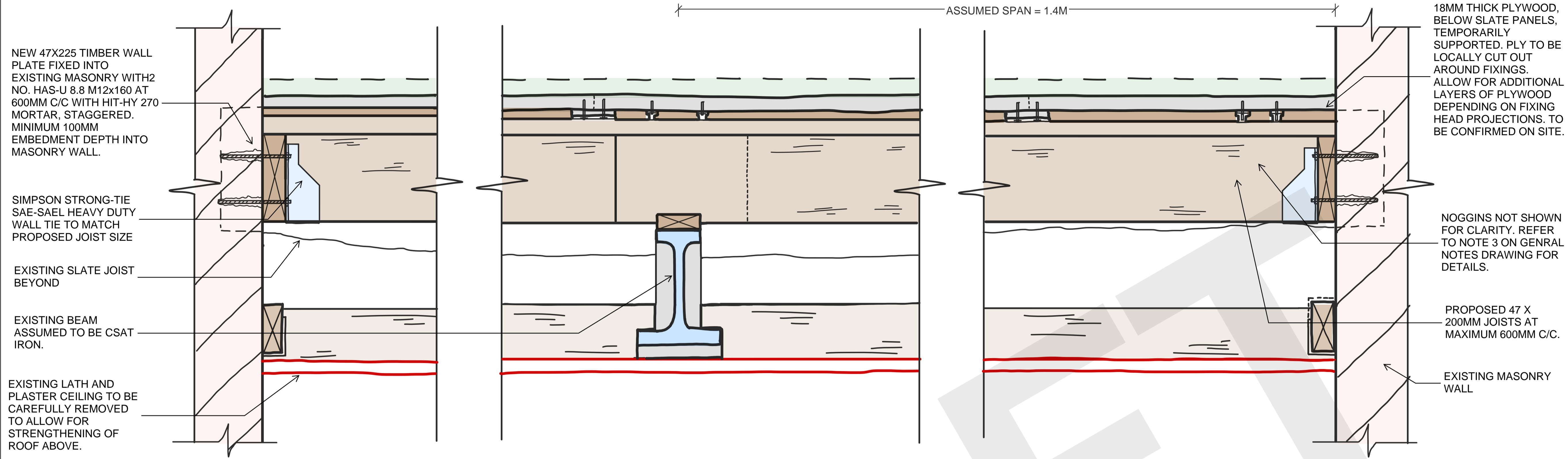
DATE	REV	DESCRIPTION	DRAWN	CHKD

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PROJECT
 THE BRITISH MUSEUM,
 ESSENTIAL WATER INGRESS
 PROTECTION WORKS

TITLE
 PROPOSED STRUCTURE DETAILS
 ROOF B/3/X03
 CONTRACTORS DESK - ROOF WITH SKY
 LIGHT DETAILS G & M

DRAWING STATUS						STATUS CODE	
INFORMATION						SO	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED			
1635/10	AS SHOWN	MAY '23	PN	JB			
DRAWING No.						REV	
1635-10-CIV-XX-ZZ-S-S-91003							P02



NEW 47X225 TIMBER WALL PLATE FIXED INTO EXISTING MASONRY WITH 2 NO. HAS-U 8.8 M12x160 AT 600MM C/C WITH HIT-HY 270 MORTAR, STAGGERED. MINIMUM 100MM EMBEDMENT DEPTH INTO MASONRY WALL.

SIMPSON STRONG-TIE SAE-SAE1 HEAVY DUTY WALL TIE TO MATCH PROPOSED JOIST SIZE

EXISTING SLATE JOIST BEYOND

EXISTING BEAM ASSUMED TO BE CSAT IRON.

EXISTING LATH AND PLASTER CEILING TO BE CAREFULLY REMOVED TO ALLOW FOR STRENGTHENING OF ROOF ABOVE.

18MM THICK PLYWOOD, BELOW SLATE PANELS, TEMPORARILY SUPPORTED. PLY TO BE LOCALLY CUT OUT AROUND FIXINGS. ALLOW FOR ADDITIONAL LAYERS OF PLYWOOD DEPENDING ON FIXING HEAD PROJECTIONS. TO BE CONFIRMED ON SITE.

NOGGINS NOT SHOWN FOR CLARITY. REFER TO NOTE 3 ON GENERAL NOTES DRAWING FOR DETAILS.

PROPOSED 47 X 200MM JOISTS AT MAXIMUM 600MM C/C.

EXISTING MASONRY WALL

STANDARD NOTES

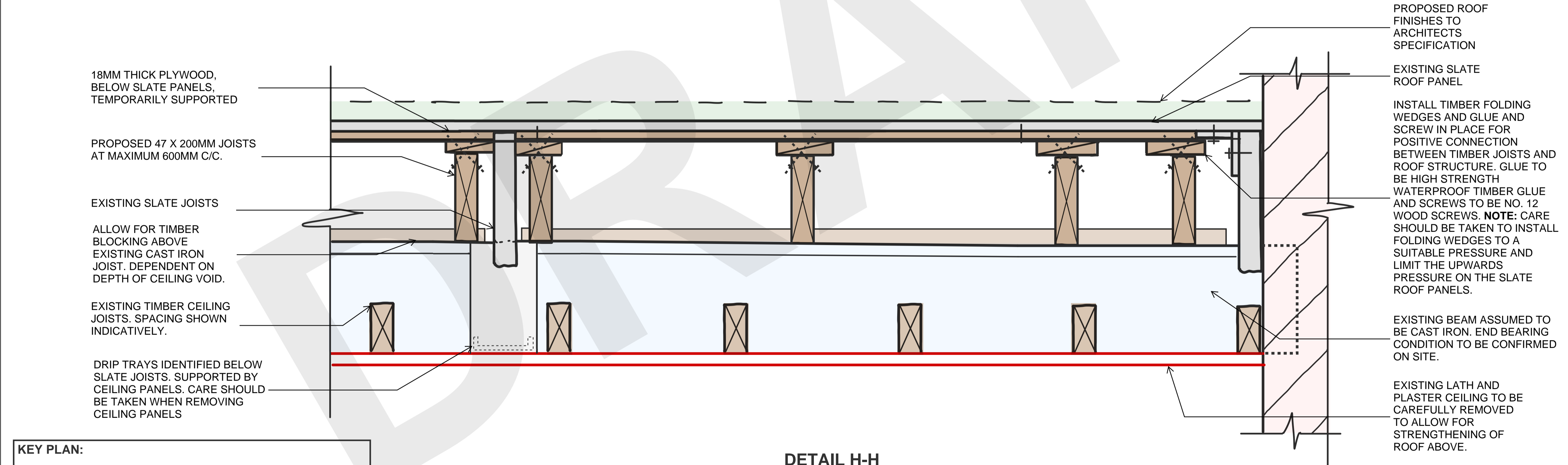
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
- THIS DRAWING SHOULD NOT BE SCALED.
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NOTES:

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- REFER TO EXISTING STRUCTURE DRAWINGS FOR ASSUMPTIONS ON EXISTING STRUCTURE.
- REFER TO GENERAL NOTES DRAWING.
- ALL DETAILS AND DIMENSIONS TO BE CONFIRMED FOLLOWING REMOVAL OF CEILING PANEL FOR PROPOSED WORKS.

DETAIL J-J
SCALE - 1:5 @ A1



18MM THICK PLYWOOD, BELOW SLATE PANELS, TEMPORARILY SUPPORTED

PROPOSED 47 X 200MM JOISTS AT MAXIMUM 600MM C/C.

EXISTING SLATE JOISTS

ALLOW FOR TIMBER BLOCKING ABOVE EXISTING CAST IRON JOIST. DEPENDENT ON DEPTH OF CEILING VOID.

EXISTING TIMBER CEILING JOISTS. SPACING SHOWN INDICATIVELY.

DRIP TRAYS IDENTIFIED BELOW SLATE JOISTS. SUPPORTED BY CEILING PANELS. CARE SHOULD BE TAKEN WHEN REMOVING CEILING PANELS

PROPOSED ROOF FINISHES TO ARCHITECTS SPECIFICATION

EXISTING SLATE ROOF PANEL

INSTALL TIMBER FOLDING WEDGES AND GLUE AND SCREW IN PLACE FOR POSITIVE CONNECTION BETWEEN TIMBER JOISTS AND ROOF STRUCTURE. GLUE TO BE HIGH STRENGTH WATERPROOF TIMBER GLUE AND SCREWS TO BE NO. 12 WOOD SCREWS. **NOTE:** CARE SHOULD BE TAKEN TO INSTALL FOLDING WEDGES TO A SUITABLE PRESSURE AND LIMIT THE UPWARDS PRESSURE ON THE SLATE ROOF PANELS.

EXISTING BEAM ASSUMED TO BE CAST IRON. END BEARING CONDITION TO BE CONFIRMED ON SITE.

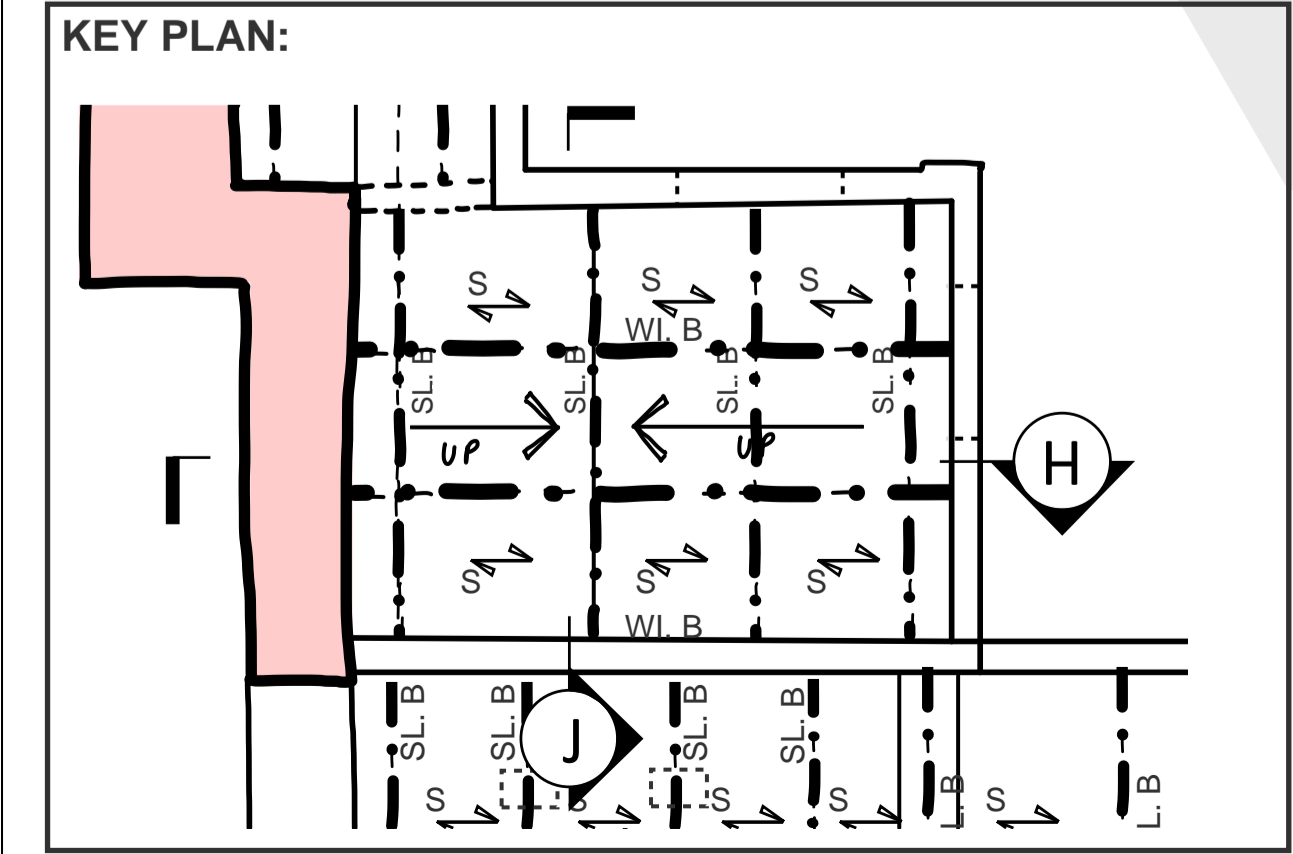
EXISTING LATH AND PLASTER CEILING TO BE CAREFULLY REMOVED TO ALLOW FOR STRENGTHENING OF ROOF ABOVE.

15.05.23	P02	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	P01	DRAFT STAGE 3 ISSUE	PN	JB
DATE	REV	DESCRIPTION	DRAWN	CHKD

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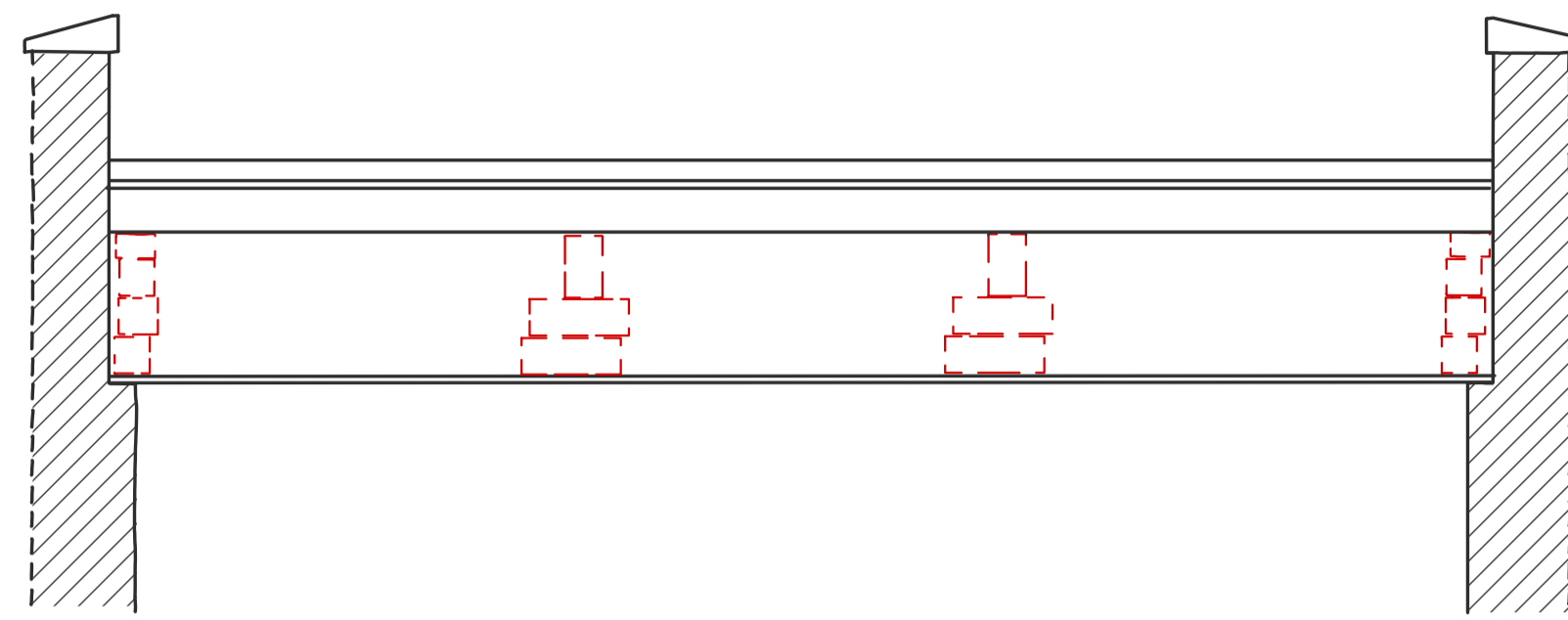


DETAIL H-H
SCALE - 1:5 @ A1

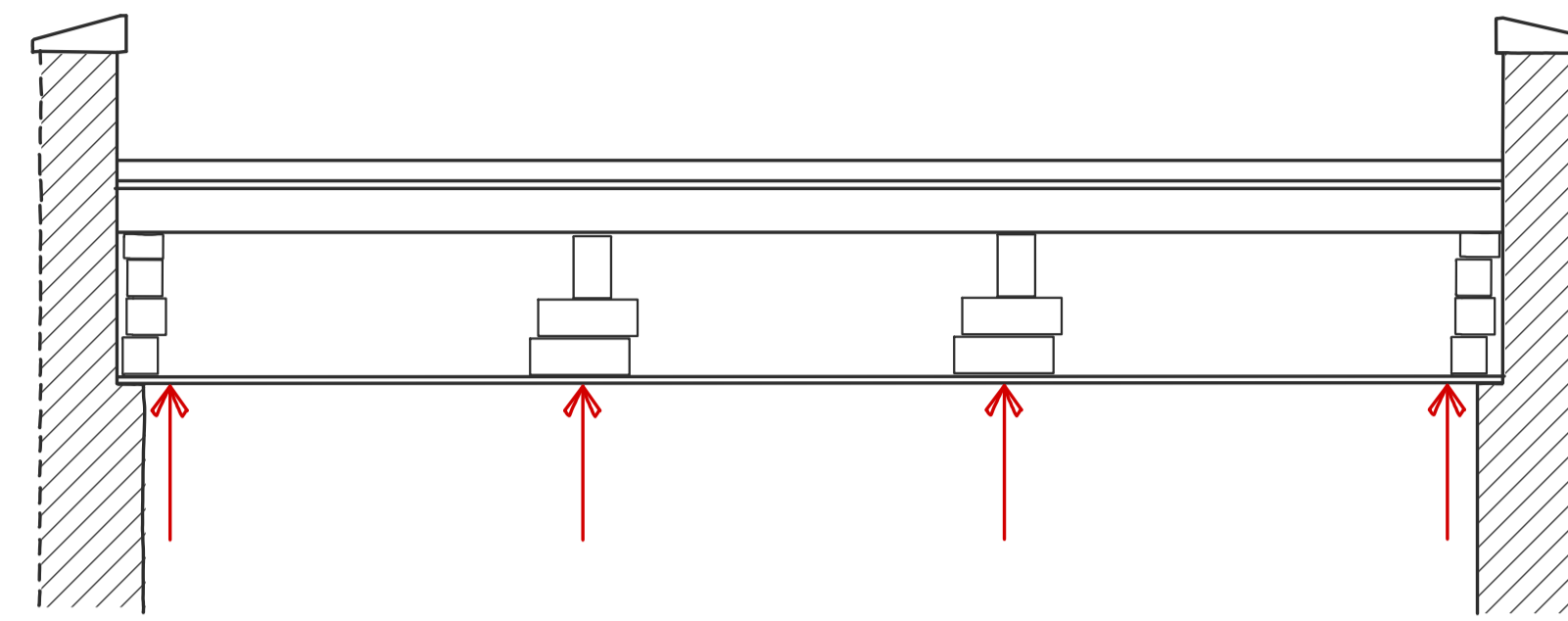
PROJECT: THE BRITISH MUSEUM, ESSENTIAL WATER INGRESS PROTECTION WORKS

TITLE: PROPOSED STRUCTURE DETAILS ROOF B/3/X03 CONTRACTORS DESK ROOM DETAILS J & H

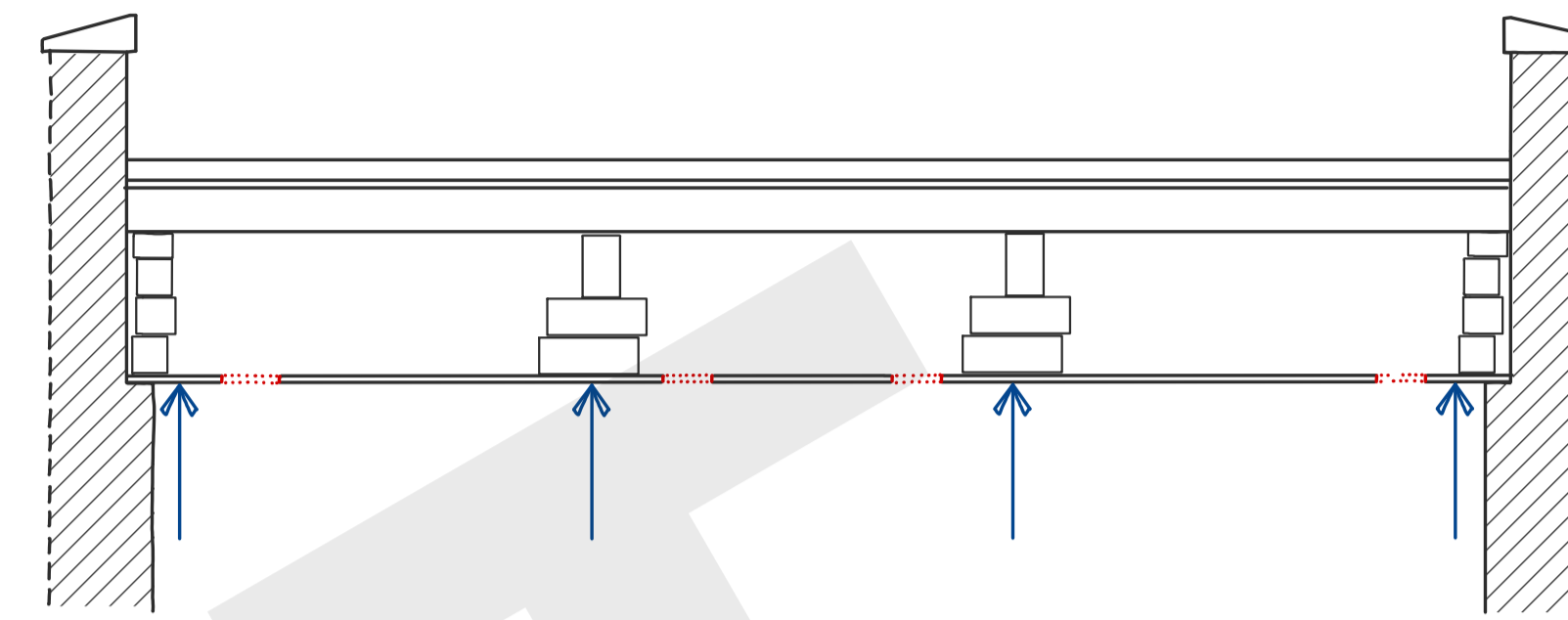
DRAWING STATUS		STATUS CODE	
INFORMATION		S0	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
1635/10	AS SHOWN	MAY '23	PN
DRAWING No.	REV		
1635-10-CIV-XX-ZZ-S-S-91004	P02		



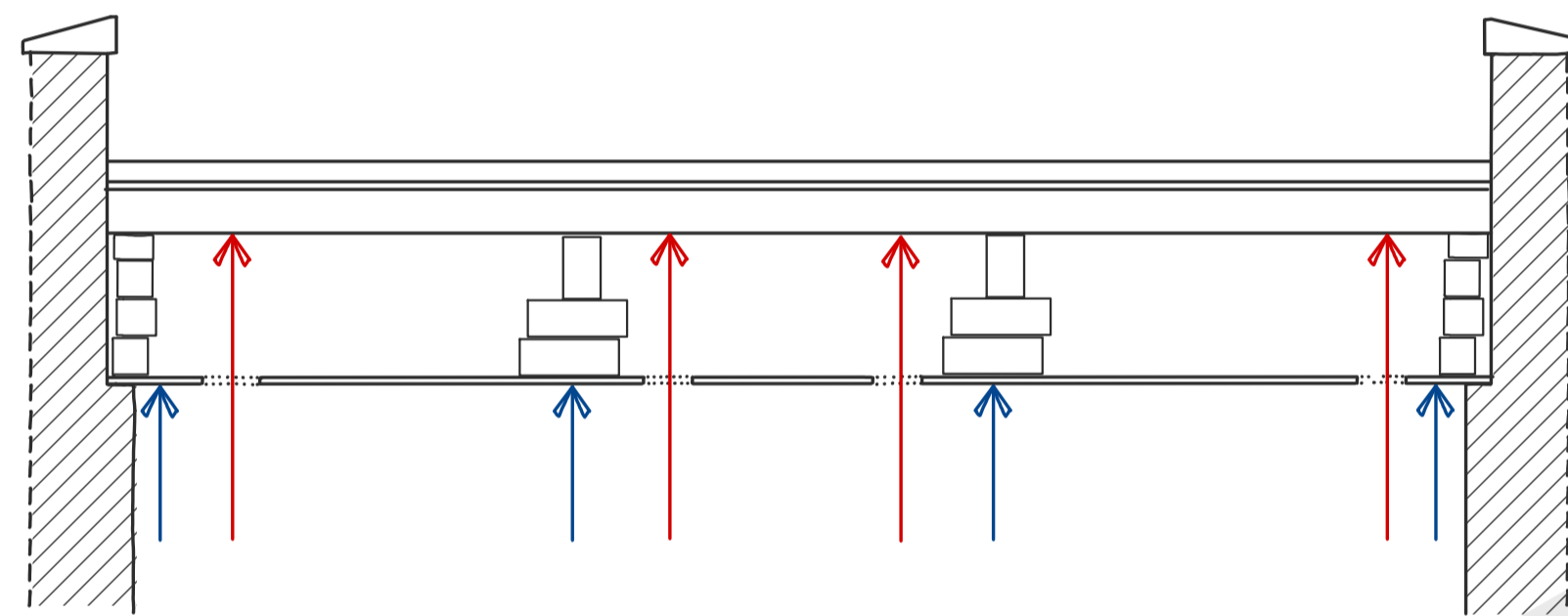
1. LOCATE MASONRY PIERS WITHIN ROOF VOID. INTRUSIVE INVESTIGATIONS INVOLVING A SERIES OF DRILL HOLES MAY BE REQUIRED AND VIEWED WITH ENDOSCOPE.



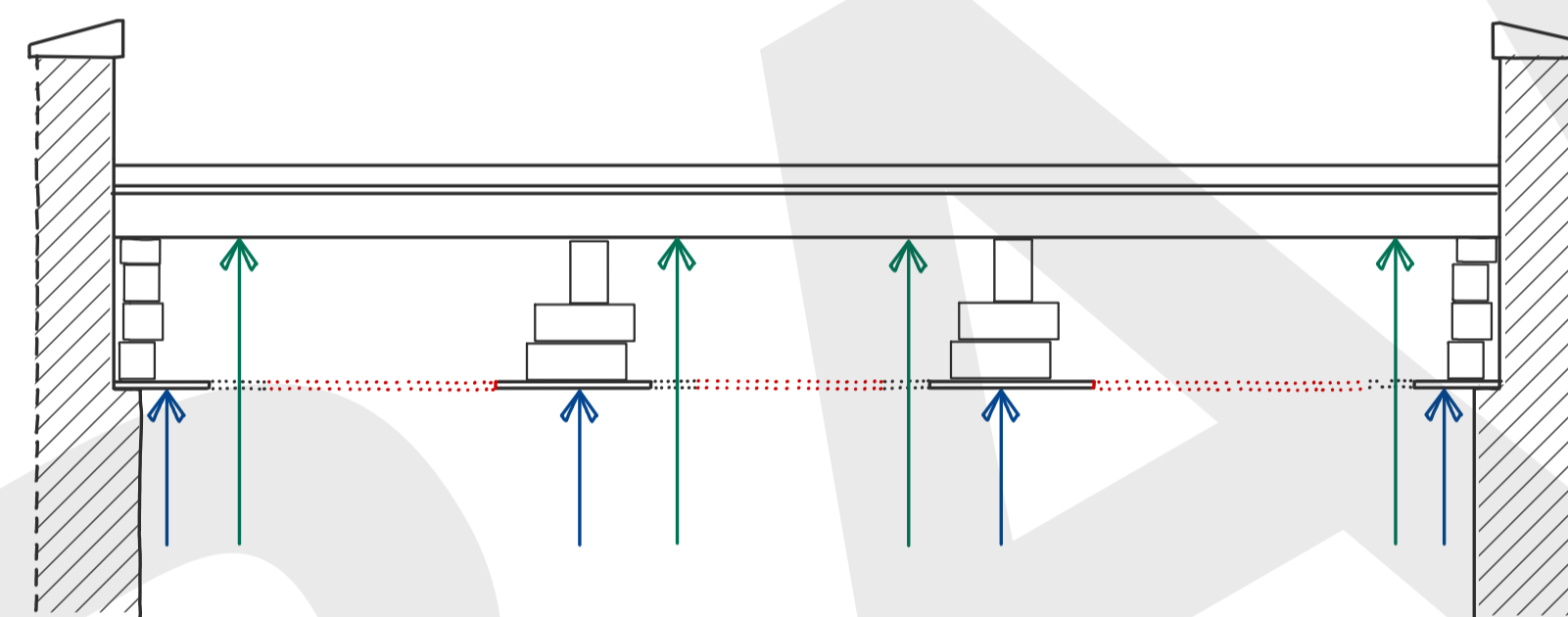
2. PROP BELOW CEILING PANEL IN IDENTIFIED MASONRY PIER LOCATIONS.



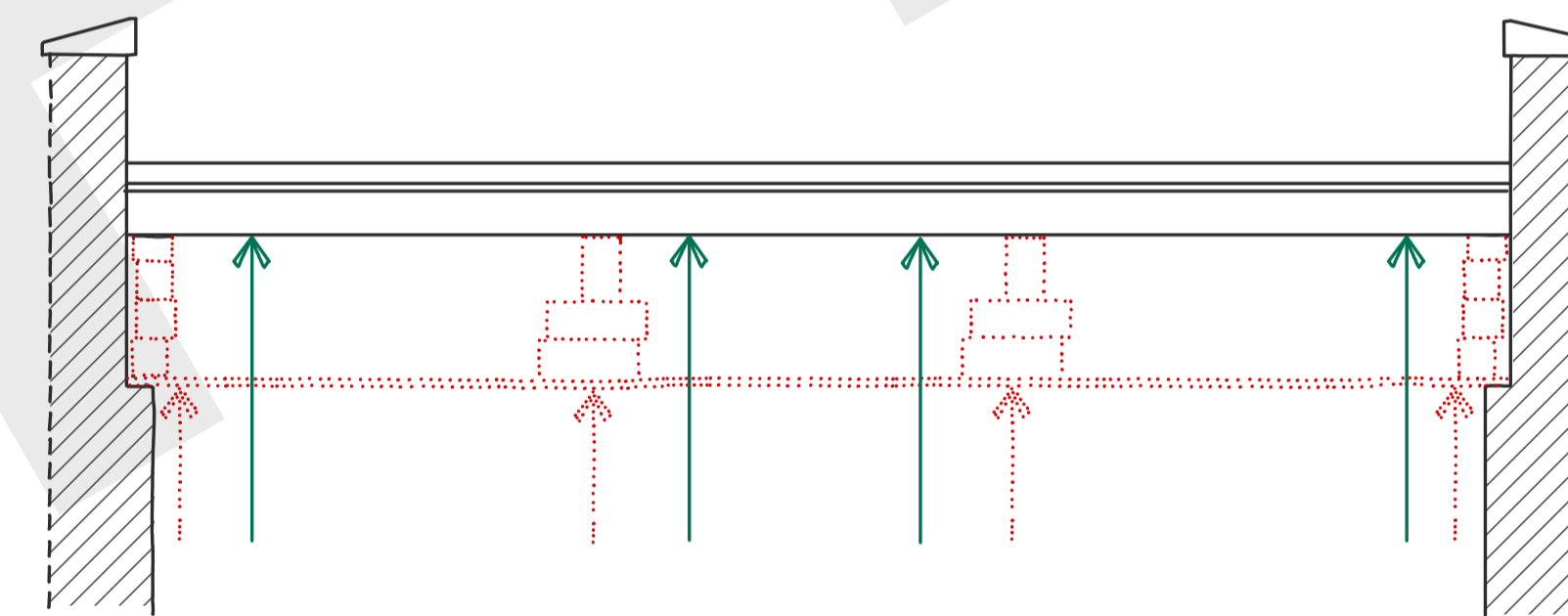
3. FORM LOCAL OPENINGS IN SLATE CEILING PANELS ALONG BEAM LINE, ADJACENT TO EACH IDENTIFIED PIER LOCATION



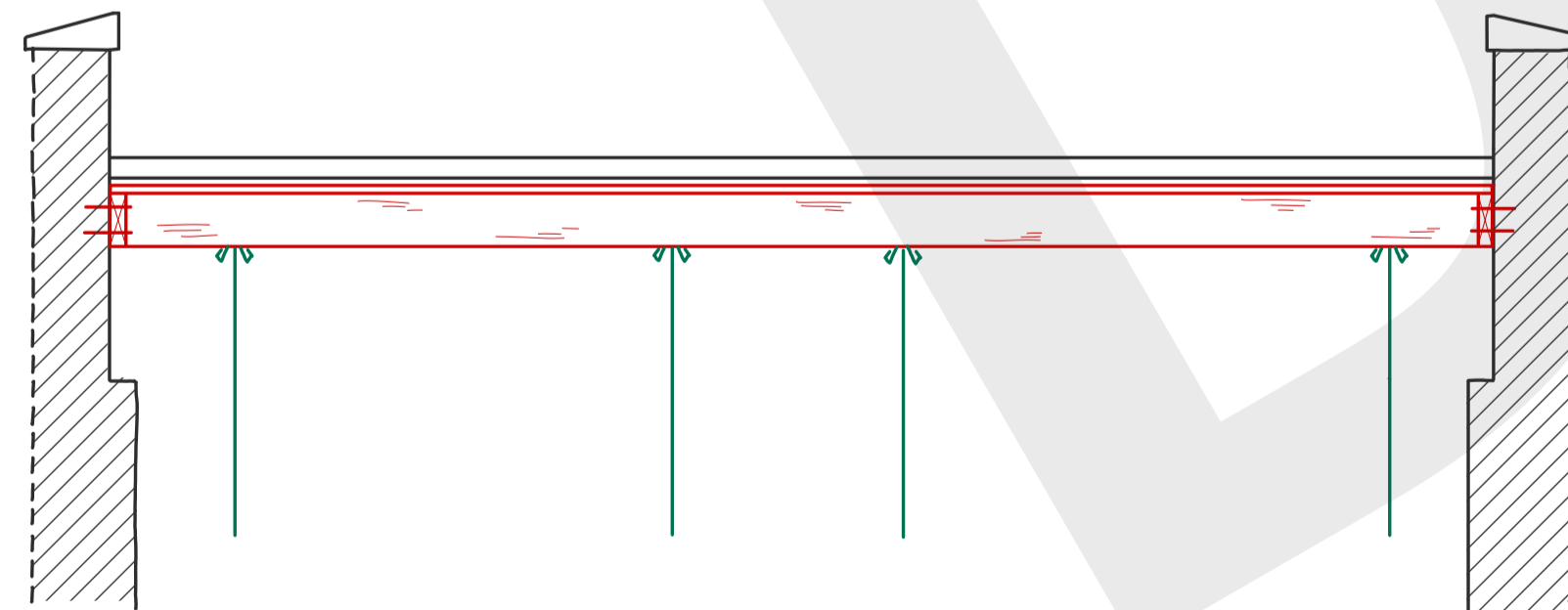
4. PROP SLATE BEAMS ADJACENT TO MASONRY PIER LOCATIONS



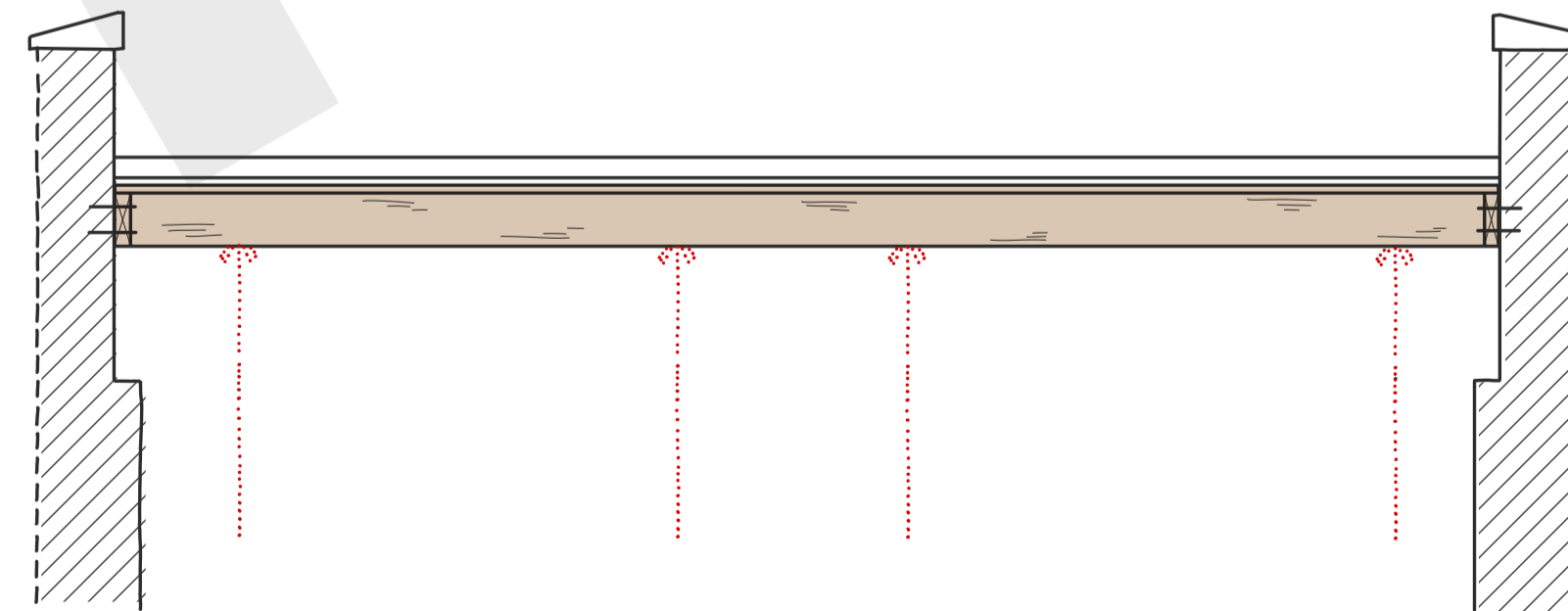
5. CAREFULLY REMOVE SECTIONS OF SLATE CEILING ADJACENT TO MASONRY PIERS TO ALLOW ACCESS TO DISMANTLE PIERS.



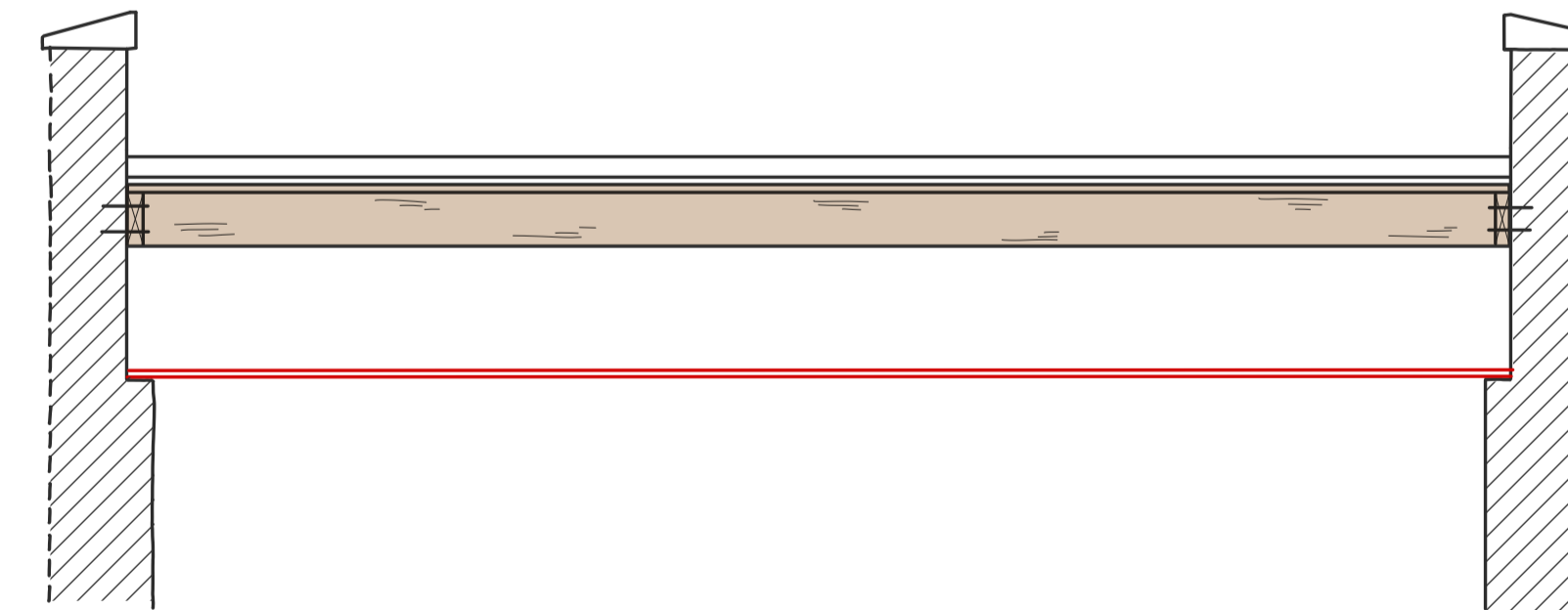
6. CAREFULLY REMOVE MASONRY PIERS AND REMAINING SLATE CEILING PANELS, REMOVING PROPS TO MASONRY PIERS AFTER PIERS HAVE BEEN DISMANTLED.



7. INSTALL PLYWOOD TIGHT TO SLATE PANELS AND PROP. FOLLOWING THIS, INSTALL TIMBER JOISTS AND FIXINGS INTO MASONRY WALLS IN BETWEEN EXISTING SLATE BEAMS FOR STRENGTHENING OF ROOF STRUCTURE. INSTALL TIMBER FOLDING WEDGES BETWEEN PLYWOOD AND TIMBER JOISTS TO PROVIDE LOAD TRANSFER ALONG FULL LENGTH OF JOIST.



8. REMOVE PROPS TO SLATE BEAMS



9. REINSTATE SLATE CEILING.

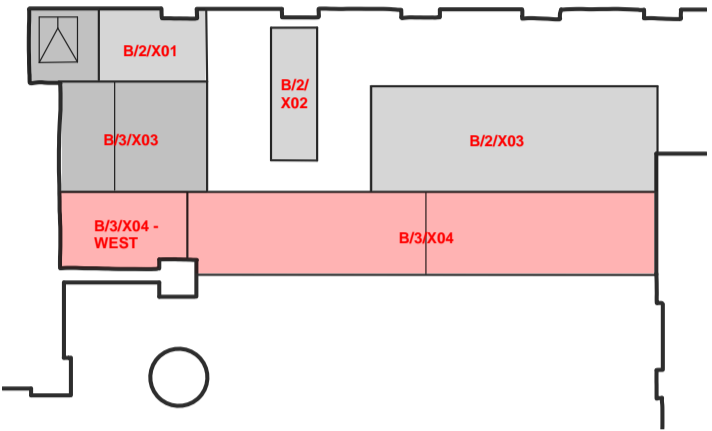
STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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NOTES:

1. IT IS ASSUMED THAT MASONRY PIER LOCATIONS CORRESPOND WITH LOCATIONS OF SLATE BEAMS. CIVIC ENGINEERS TO BE NOTIFIED IF MASONRY PIERS ARE FOUND TO BE PROPPING SLATE ROOF PANELS.
2. EXTENT OF ROOF SHOWN IN RED TO BE INVESTIGATED FOR MASONRY PIERS. PIERS IDENTIFIED IN WEST AREA OF ROOF, ASSUMED SEQUENCE OF CONSTRUCTION TO BE FOLLOWED WHERE MASONRY PIERS IDENTIFIED.



3. REFER TO CIVIC ENGINEERS DRAWING NO. 1635-10-CIV-XX-ZZ-S-S-91006 FOR PROPOSED STRENGTHENING WORKS.

15.05.23	PO2	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	PO1	DRAFT STAGE 3 ISSUE	PN	JB
DATE	REV	DESCRIPTION	DRAWN	CHKD



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PROJECT
**THE BRITISH MUSEUM,
 ESSENTIAL WATER INGRESS
 PROTECTION WORKS**

TITLE
**ASSUMED CONSTRUCTION SEQUENCE -
 ROOF B/3/X04 (CORRIDOR ROOF)**

DRAWING STATUS		STATUS CODE	
INFORMATION		SO	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
1635/10	AS SHOWN	MAY '23	PN
DRAWING No.	REV		
1635-10-CIV-XX-ZZ-S-S-92001	PO2		

TIMBER:

1. PROPOSED WATERPROOFING AND INSULATION TO ARCHITECT'S SPECIFICATION.

2. ALL TIMBER FIXED TO SOLID MASONRY WALLS IS TO BE SEPARATED USING A SUITABLE DPM AS SPECIFIED BY THE ARCHITECT.

3. IN JOISTED FLOORS AND ROOFS SOLID NOGGINS ARE TO BE SPACED AT 1/3 POINTS, AT THE BEARINGS, AND AT THE POSITION OF JOINTS IN PLY SHEETING. NOGGINS TO BE FULL DEPTH OF JOISTS IN FLOORS AND ¾ DEPTH IN ROOF CONSTRUCTIONS WITH GAP AT TOP FOR VENTILATION.

4. ALL PLY BOARDING TO BE 18MM THICK AND FIXED DOWN TO JOISTS WITH NO. 12 (5.5MM SHANK DIA.) 75MM LONG WOODSCREWS AT 300 C/C.

5. NEW TIMBER IN THE WORKS IS TO BE VACUUM IMPREGNATED WITH PRESERVATIVE TO BS EN 1995-1-1 AND BS EN 351-1 AND THE MANUFACTURER'S RECOMMENDATIONS. CUT ENDS ARE TO BE THOROUGHLY TREATED WITH BRUSH APPLIED COATS OF APPROPRIATE PRESERVATIVE BEFORE FIXING. ALL PRESERVATIVES ARE TO BE TO THE ARCHITECT'S APPROVAL.

6. TIMBER SHALL BE STORED UNDER COVER, CLEAR OF THE GROUND AND PROTECTED FROM THE WEATHER.

7. STRUCTURAL TIMBERS MAY ONLY BE DRILLED OR CUT FOR SERVICES WITH THE APPROVAL OF THE ENGINEER.

8. SIZES OF NEW STRUCTURAL TIMBERS NOTED ON THE DRAWINGS ARE SAWN BASIC SIZES.

9. ALL PROPRIETARY JOIST HANGERS, STRAPS, CONNECTORS ETC TO BE PROVIDED BY SIMPSON STRONG-TIE OR EXPAMET, UNLESS APPROVED OTHERWISE, AND SHALL BE FIT FOR PURPOSE AND IN ACCORDANCE WITH BS EN 1995-1-1:2004+ A1:2008

10. ALL TIMBER CONNECTORS, SCREWS, NAILS, JOIST HANGERS, STEEL STRAPS ETC ARE TO BE GALVANISED OR SHERARDISED AND IN ACCORDANCE WITH BS EN 1995-1-1:2004+ A1:2008.

11. ALL PROPRIETARY TIMBER METALWORK IS TO BE FIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

GENERAL:

12. DO NOT SCALE FROM THE DRAWINGS. ALL DIMENSIONS ARE IN MM U.N.O

13. ALL SETTING OUT AND LEVELS ARE TO ARCHITECTS DETAILS.

14. ALL FINISHES, WATERPROOFING AND APPLIED FIRE PROTECTION TO ARCHITECTS' DETAILS.

15. ALL PROPRIETARY PRODUCTS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S DETAILS AND SPECIFICATIONS.

16. THESE NOTES ARE TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY THE CONTRACTOR SHOULD CONTACT BOTH CIVIC ENGINEERS LTD (CE) AND THE EMPLOYERS AGENT (E.A) / CONTRACT ADMINISTRATOR (C.A.) PRIOR TO CARRYING OUT THE WORKS RELATING.

17. WHERE THE SPECIFICATION NOTES CONFLICT WITH NOTES ON THE DRAWING CLARIFICATION SHOULD BE SOUGHT FROM CIVIC ENGINEERS LTD.

18. ANY DISCREPANCIES BETWEEN ALL WORKING DRAWINGS, SPECIFICATIONS AND SCHEDULES OF ALL DISCIPLINES TO BE IMMEDIATELY NOTIFIED TO THE (E.A) / (C.A.) FOR CLARIFICATION / CORRECTION PRIOR TO CONSTRUCTION.

19. ITEMS NOTED ON THE DRAWINGS "TO BE CONFIRMED ON SITE" TYPICALLY RELATE TO AREAS NOT ACCESSIBLE AT DESIGN STAGE. THESE ARE TO BE EXPOSED BY THE CONTRACTOR FOR INSPECTION BY CIVIC ENGINEERS AT THE EARLIEST OPPORTUNITY. TIME IN THE PROGRAMME AND SUITABLE RESOURCE SHOULD BE ALLOWED FOR THIS WORK, AND FOR CE TO FINALISE DESIGN INFORMATION.

20. DO NOT CUT ANY HOLES OR CHASES THROUGH ANY STRUCTURAL MEMBERS WITHOUT FIRST OBTAINING THE WRITTEN CONSENT OF CIVIC ENGINEERS.

21. THE CONTRACTOR MUST ENSURE A SUITABLY QUALIFIED PRINCIPAL DESIGNER HAS BEEN APPOINTED. THEY MUST INFORM THE HEALTH AND SAFETY EXECUTIVE OF THE WORKS BY FILLING IN AND SUBMITTING AN F10 FORM PRIOR TO STARTING WORK ON SITE.

22. THE CONTRACTOR IS TO ENSURE THAT THE BUILDING CONTROL OFFICER AND CIVIC ENGINEERS ARE NOTIFIED TO CARRY OUT INSPECTIONS OF ANY STRUCTURAL WORK PRIOR TO COVERING UP WITH FINISHES.

23. THIS SPECIFICATION AND DESIGN USES EUROCODES WHICH ARE CITED IN BUILDING REGULATIONS PART A & ARE THE CURRENT BEST PRACTICE. ALL CONTRACTOR DESIGN AND WORKMANSHIP TO COMPLY WITH THE RELEVANT EUROPEAN STANDARDS (EUROCODES), CODES OF PRACTICE AND THE BUILDING REGULATIONS.

EXISTING STRUCTURE:

24. ALL DETAILS OF EXISTING STRUCTURE ARE APPROXIMATE ONLY AND NEED TO BE CONFIRMED ON SITE.

25. DUE CONSIDERATION SHOULD BE GIVEN TO THE CAPACITY OF EXISTING STRUCTURES TO CARRY MATERIAL LOADINGS. WHEREVER POSSIBLE MATERIALS SHOULD BE STORED SAFELY AT GROUND FLOOR LEVEL A SAFE DISTANCE AWAY FROM EXCAVATIONS AND EXISTING UNDERGROUND STRUCTURES SUCH AS EXISTING BASEMENTS, BURIED TANKS ETC.

26. THE CONTRACTOR IS TO INFORM THE ARCHITECT AND STRUCTURAL ENGINEER IF THE EXISTING FABRIC, INCLUDING FOUNDATIONS, IS OPENED UP AND FOUND TO BE INADEQUATE, UNSUITABLE TO SUPPORT THE PROPOSED WORKS, OR AT VARIANCE FROM THE DETAILS SHOWN ON THE DRAWINGS.

27. ALLOW FOR MAKING GOOD CRACKS THAT MAY APPEAR IN BRICKWORK FINISHES TO ADJOINING PROPERTIES DURING THE WORKS.

TEMPORARY WORKS:

28. THE CONTRACTOR IS ENTIRELY RESPONSIBLE FOR THE DESIGN, DETAILING, INSTALLATION AND MAINTENANCE OF THE TEMPORARY WORKS. TEMPORARY WORKS AND SEQUENCING THEREOF SHOULD BE DESIGNED BY A SUITABLY QUALIFIED INDIVIDUAL TO ENSURE THAT THE BUILDINGS STABILITY IS MAINTAINED THROUGHOUT THE DURATION OF THE WORKS FROM COMMENCEMENT TO PRACTICAL COMPLETION.

29. THE CONTRACTOR SHALL SUBMIT THEIR FULL PROPOSALS FOR COMMENT TO CIVIC ENGINEERS LTD A MINIMUM OF 10 DAYS PRIOR TO THE PLANNED COMMENCEMENT OF ANY WORKS. PROPOSALS MUST INCLUDE SEQUENCING, DRAWINGS, AND CALCULATIONS TO THE RELEVANT CODES.

30. IF THE CONTRACTOR WISHES TO USE THE PERMANENT STRUCTURE AS TEMPORARY WORKS THEY MUST DEMONSTRATE WITH DRAWINGS AND CALCULATIONS THAT THE TEMPORARY LOADS ARE WITHIN THE CAPACITY OF THE PERMANENT WORKS AND THAT THIS WILL NOT AFFECT THE FUTURE PERFORMANCE OF THE PERMANENT WORKS

31. THE CONTRACTOR IS TO ACCEPT FULL RESPONSIBILITY FOR THE STABILITY OF THE BUILDING AND ANY EFFECTED ADJACENT STRUCTURES OR INFRASTRUCTURE FOR THE DURATION OF THE CONTRACT.

MATERIALS AND WORKMANSHIP:

32. ALL BUILDING MATERIALS SHOULD CONFORM TO THE RELEVANT EUROCODES AND SHOULD BE OF SUITABLE QUALITY FOR THEIR PURPOSE. UNLESS SPECIFIED NO RECLAIMED MATERIALS SHALL BE SUBSTITUTED FOR SPECIFIED MATERIALS WITHOUT CERTIFICATION AND THE EXPRESS CONFIRMATION OF BOTH CIVIC ENGINEERS LTD AND THE ARCHITECT.

33. UNLESS NOTED OTHERWISE, TOLERANCES SHALL BE IN ACCORDANCE WITH THE CURRENT NATIONAL SPECIFICATIONS SUCH AS THE NSSS AND THE NSCS.

LOADING:

34. ROOF STRENGTHENING HAS BEEN DESIGNED FOR AN ACCESS LOAD OF 0.6KN/M2 (APPROXIMATELY 60KG/M2)

STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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15.05.23	PO2	SECOND DRAFT STAGE 3 ISSUE	PN	JB
03.05.23	PO1	DRAFT STAGE 3 ISSUE	PN	JB

DATE	REV	DESCRIPTION	DRAWN	CHKD
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LONDON Leeds Wharf, 33 Mill Street, London SE1 3AA, Tel: 020 7553 2977
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www.civicengineers.com

PROJECT

THE BRITISH MUSEUM,
ESSENTIAL WATER INGRESS
PROTECTION WORKS

TITLE

GENERAL NOTES

DRAWING STATUS

INFORMATION

STATUS CODE

SO

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1635/10	AS SHOWN	MAY '23	PN	JB

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1635-10-CIV-XX-ZZ-S-S-00001	PO2