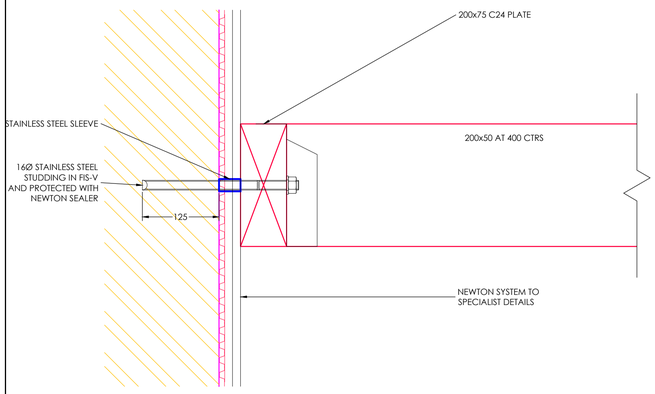
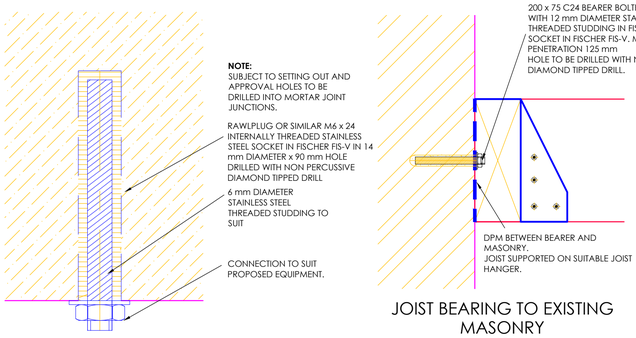
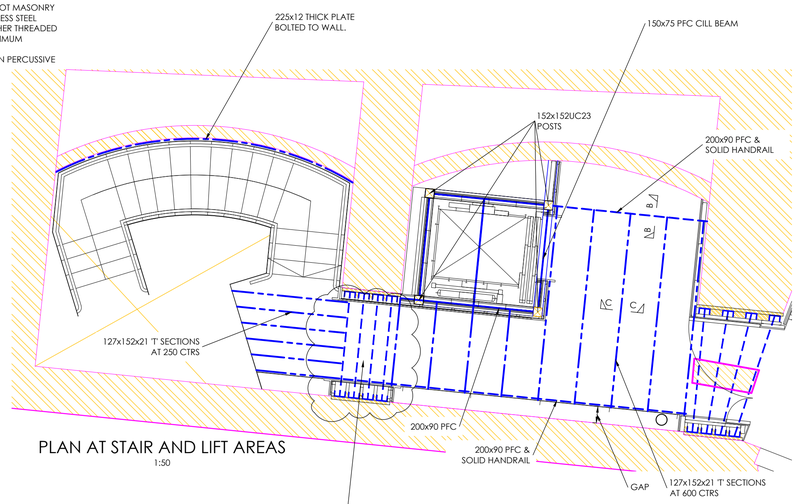


SECTION A-A
1:5



TYPICAL FIXING DETAIL FOR PLANT SUSPENDED FROM BRICK VAULT.
1:1

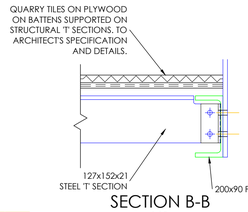
JOIST BEARING TO EXISTING MASONRY
1:5



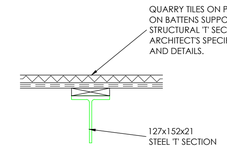
PLAN AT STAIR AND LIFT AREAS
1:50

NOTES

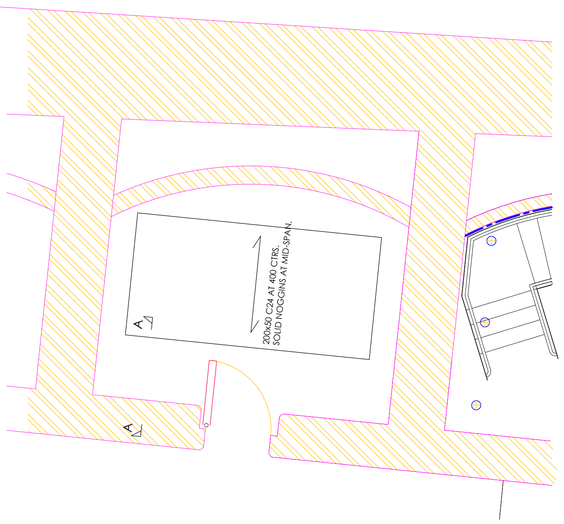
1. NO DIMENSIONS TO BE SCALED FROM THIS DRAWING.
2. THIS DRAWING TO BE READ WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS.
3. ALL STRUCTURAL STEELWORK TO BE GRADE S275 TO EN 10025 UNLESS OTHERWISE STATED.
4. ALL BOLTS TO BE 8.8 GRADE BLACK BOLTS IN 2 mm CLEARANCE HOLES UNLESS OTHERWISE STATED.
5. ALL BRICKWORK TO BE MINIMUM 21 N/mm² IN NHL 3.5 MORTAR UNLESS OTHERWISE STATED.
6. ALL STEELWORK TO BE GALVANISED AND PAINTED IN ACCORDANCE WITH THE SPECIFICATION.
7. ALL SETTING OUT AND SITE DIMENSIONS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
8. DESIGN AND INSTALLATION OF TEMPORARY WORKS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL NEW STRUCTURAL TIMBER TO BE C24 SAWN TREATED SOFTWOOD UNLESS OTHERWISE STATED.
10. ALL STAINLESS STEEL TO BE GRADE 316 AUSTENITIC UNLESS OTHERWISE STATED.
11. ALL CLIENTS' STAFF, CONSULTANTS, AND CONTRACTORS MUST COMPLY WITH ALL CURRENT HEALTH AND SAFETY LEGISLATION INCLUDING:
    a. CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS 2015
    b. HEALTH & SAFETY AT WORK ACT 1974
    AND ALL OTHER RELEVANT LEGISLATION
13. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT HEALTH AND SAFETY FILE AND METHOD STATEMENTS.
14. ALL WORK ELEMENTS TO BE CARRIED OUT USING APPROPRIATE TOOLS, METHODS, MATERIALS AND TECHNIQUES.
15. HOLES IN EXISTING MASONRY TO BE DRILLED WITH NON-PERCUSSIVE DIAMOND TIPPED DRILLS USING THE MINIMUM WATER POSSIBLE FOR LUBRICATION.
16. STRUCTURAL FIXINGS TO EXISTING MASONRY TO BE WITH FISCHER FIS V EPOXY MORTAR UNLESS OTHERWISE STATED.
17. ALL WORK TO SENSITIVE HISTORIC FABRIC TO BE CARRIED OUT BY SUITABLY EXPERIENCED AND SKILLED PERSONNEL.
18. NO OPENING UP BEYOND THAT INDICATED ON THE DRAWINGS TO BE CARRIED OUT WITHOUT PRIOR PERMISSION.
19. THE DRAWINGS AND DETAILS ARE PREPARED USING THE INFORMATION AVAILABLE AND MAY BE AT VARIANCE WITH HIDDEN HISTORIC FABRIC. REPORT ANY VARIATIONS OR DIFFERENCES FOUND DURING THE WORK TO THE ARCHITECT AND ENGINEER.
20. CONCRETE TO BE RC35 UNLESS OTHERWISE STATED.
21. REINFORCEMENT TO BE HIGH YIELD TYPE II BARS UNLESS OTHERWISE STATED.
22. ALL NEW MASONRY TO BE FULLY BRICK BONDED TO EXISTING UNLESS OTHERWISE STATED.
23. ALL WELDS TO BE 6 mm CONTINUOUS FILLET WELDS UNLESS OTHERWISE STATED.
24. ALL SCAFFOLD TO COMPLY WITH NASC TG20:21 WITH NO SEASONAL OR STATISTICAL REDUCTIONS TO WIND LOAD.
25. ALL CONNECTIONS TO BE DESIGNED AND DETAILED BY THE CONTRACTOR UNLESS STATED OTHERWISE.



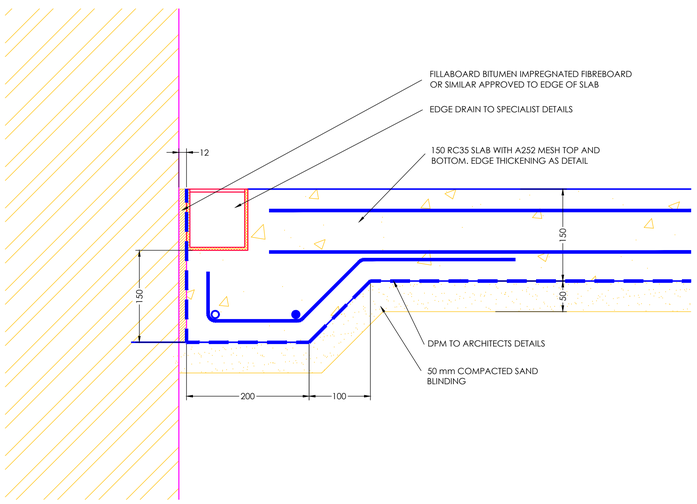
SECTION B-B
1:10



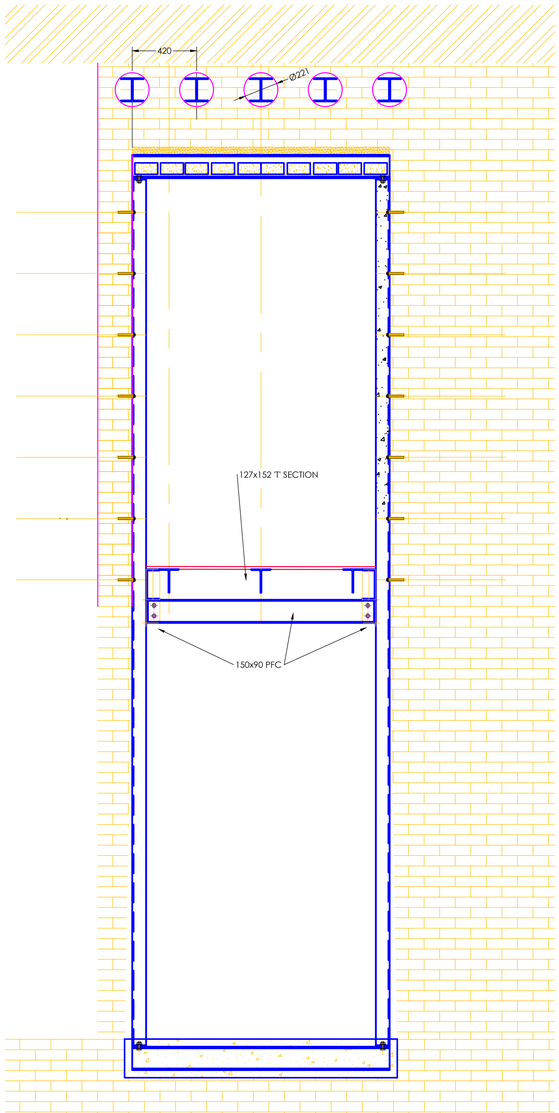
SECTION C-C
1:10



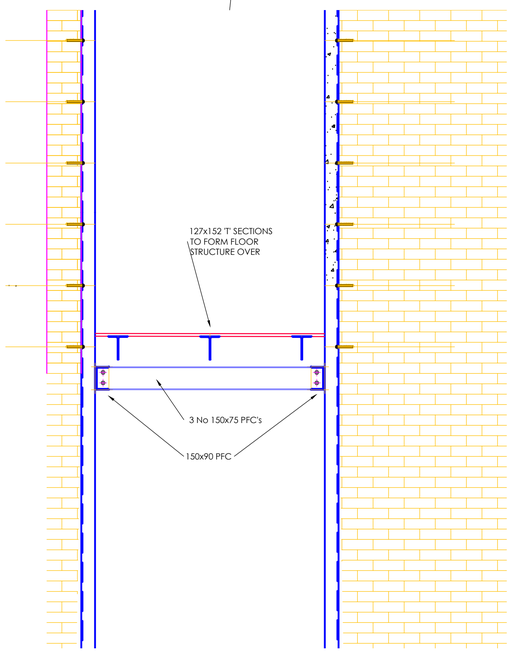
TYPICAL PLAN ON VAULT
1:50



SLAB EDGE DETAIL
1:5



DOUBLE HEIGHT OPENING DETAIL A
1:20



DOUBLE HEIGHT OPENING DETAIL B
1:20

STAGE 4B ISSUE

rev	description	date
B	FLOOR ARRANGEMENT AMENDED. DETAILS ADDED.	02.07.2025
A	STAGE 4 B	13.06.2025

Hockley & Dawson
Consulting Engineers
Hockley & Dawson Consulting Engineers Limited
5 Birtley Courtyard
Bramley
Surrey
GU5 0LA
Telephone 01483 548784
admin@hockleyanddawson.co.uk
www.hockleyanddawson.co.uk

project
PERKIN REVELLER
TOWER OF LONDON

Historic Royal Palaces

drawing title
STRUCTURAL SCHEME
MOAT LEVEL
RIBA STAGE 4B

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Drawn	Checked
CJD	CJD
Date	Scale
June 2025	As stated at A1

Job No	Drg No	Rev
21996	1 09	B