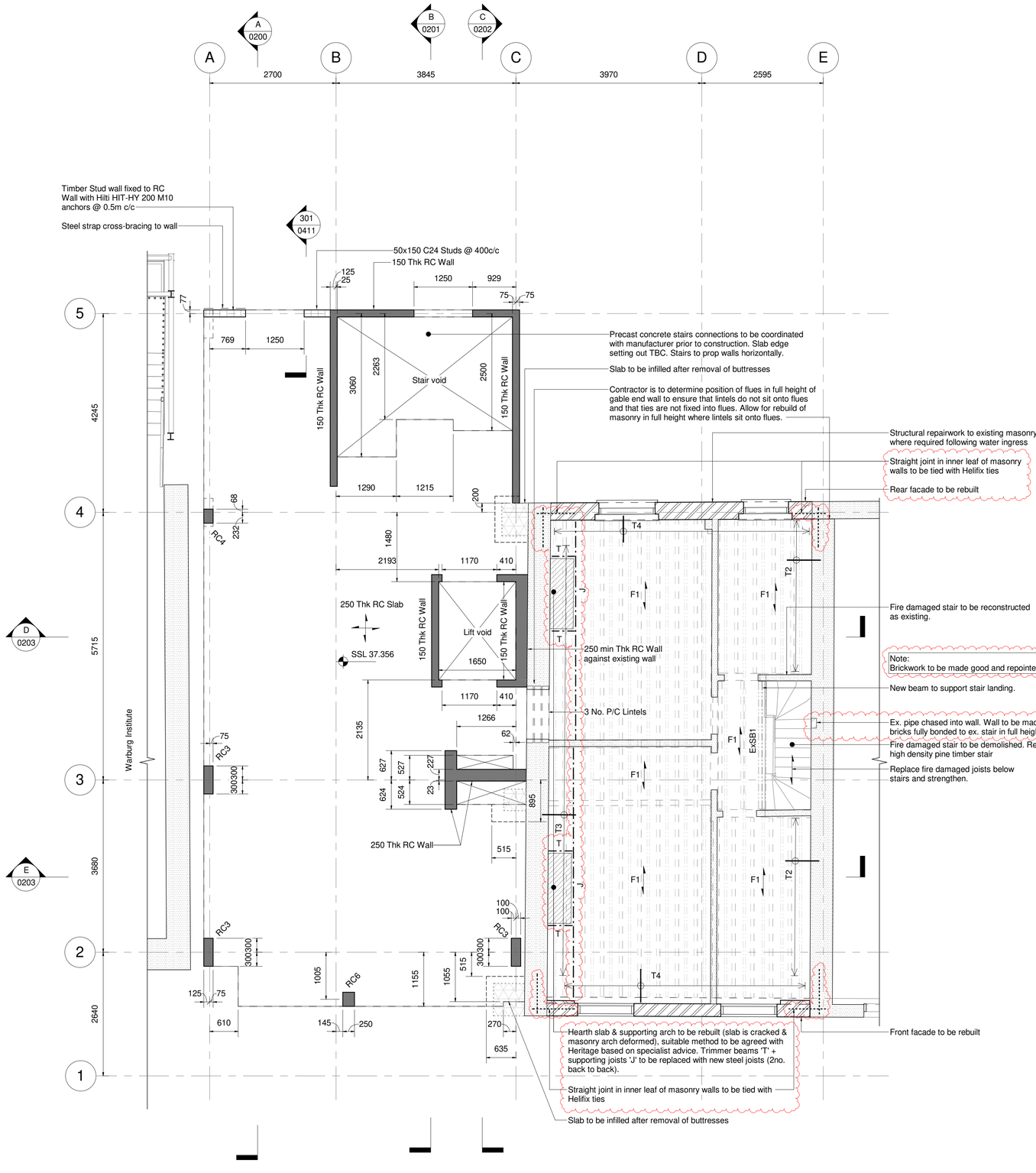
Note:

Masonry cladding design (all masonry in annex) by specialist including windposts, waterproofing, supports where required.



Legend

- 250 Thk (UNO) RC wall Base't to L00
  150 Thk (UNO) RC wall L00 & above
- Existing wall to be retained
- Existing masonry butresses to remain during construction
- insitu concrete installed after buttress removal, dimensions TBC on site
- Ref — Denotes floor span - refer to Floor Schedule for description
- P/C Lintel — Unless noted otherwise - Naylor R8 140x215 Precast concrete lintels. Bearing capacity (each) min. 72.95 kN/m for 1.0m clear span. Fire rating R60. Lintels shown on plan are above new opening in existing wall at level below

Column Schedule

Reference	Description
RC1	220x600 RC Column
RC2	250x600 RC Column
RC3	200x600 RC Column
RC4	200x300 RC Column
RC5	270x600 RC Column
RC6	250x300 RC Column
RC7	300x300 RC Column

Floor Schedule

Reference	Description
F1	Ex. 50x200 timber joists @ 400c/c + new PFC200x75x23 in between. Existing floor boards are to be reinstated with iron nails to architect & heritage consultants details. Existing ceiling to be retained and joists installed from above.

Beam Schedule

Reference	Description
ExSB1	Ex Steel Beam (size TBC)
MDC	Ancon MDC masonry support system
RCB1	520 x 200 RC Beam
RCB2	600 x 150 RC Beam

Note:

Strengthening of existing beams are indicative. Existing floor supports are to be inspected to confirm required beam strengthening.

Wall Restraint Schedule

Reference	Description
T1	Helifix bowtie @ 400 c/c installed through noggings
T2	Helifix bowtie HD @ 400 c/c fixed into 2 no. parallel joists, installed from internally. Helifix bars connected where necessary to allow for installation (limited space between ex. joists). Installed to manufacturers specification.
T3	Helifix HD @ 400 c/c fixed into 2 no. parallel joists. Installed from external face to manufacturers specification
T4	Traditional restraint straps, fixed to existing joists and tied in with front facade during reconstruction of facade
T5	Helifix wall ties tying roof trusses & existing/proposed masonry walls together

Note:

Service penetrations-

Services routes are to be agreed with MKP. Services are to run through existing services holes in the existing timber joists.

Services penetrations in new steel joists are allowed with the following restrictions:

- Maximum hole size: height 50mm, width 100mm, corners to be rounded with r=15mm
- Holes to be located central in steel joists (100mm from top and bottom steel joist to CL hole)
- Minimum distance from supporting wall to edge of opening: 620mm

No penetrations through new steel beams.

Notes

1. For general notes refer to J2889-S-DR-0001
2. Do not scale the drawing
3. This drawing to be read in conjunction with all other Architects and Engineers drawings and specifications including outline structural specification
4. All dimensions are in millimetres unless noted otherwise
5. Any discrepancies between structural and architectural setting out dimensions must be brought to the attention of the Architect and Engineers
6. Refer to Architects drawings for grid setting out relative to existing
7. Contractor to survey existing structure prior to construction and confirm dimensions given relative to existing

SAFETY, HEALTH AND ENVIRONMENT
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :
Construction •Scaffold by existing facade is to stay in place until facade is locally taken down for rebuild. •Existing butresses are to be maintained during construction. •Existing building is to be propped during facade rebuild. •Downstand beams to be propped until butresses are removed and downstand beam can be finalized.
Maintenance & Cleaning
Decommissioning & Demolition
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev	Date	Description	Drn	App
08	24.05.18	Revisions clouded	JD	CP
07	05.03.18	Construction Issue	JD	CP
06	29.01.18	Post planning tender revision	JD	CP
05	16.10.17	Tender Issue	JD	CP
04	11.09.17	Draft Tender Issue	JD	CP
03	25.08.17	Stage 4 Issue	OK	CP
02	21.07.17	Stage 3 Issue	MM	CP
01	13.07.17	Preliminary Stage 3	JD	TW
00	07.07.17	Developed Design	JD	CP

WEBB YATES ENGINEERS
48-50 Scrutton Street
London EC2A 4HH
020 3696 1550
www.webbyates.co.uk
london@webbyates.co.uk

Project

Toddler Lab,
32 Torrington Square

Drawing Title

General Arrangement
Third Floor Plan

Drawing Status

Construction

Drawn by	Checked by	Sheet size	Scale	Rev Status
JD	CP	A1	1 : 50	S5

Drawing Number

J2889-S-DR-0130

Revision

08