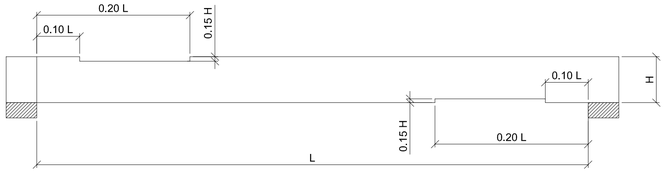
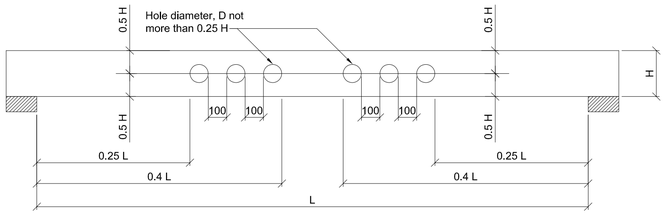
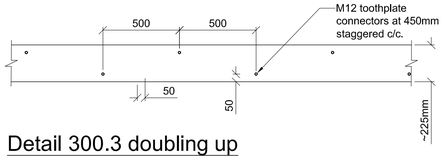


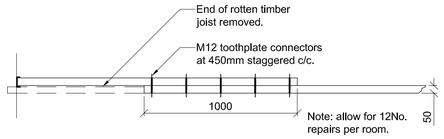
Detail 300.1 (general rules for notches in floor and roof joists)
Scale 1:10



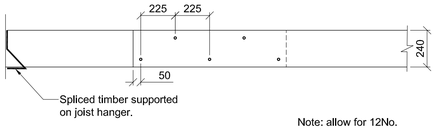
Detail 300.2 (general rules for holes in floor and roof joists)
Scale 1:10



Detail 300.3 doubling up existing joist (elevation)
Scale 1:20

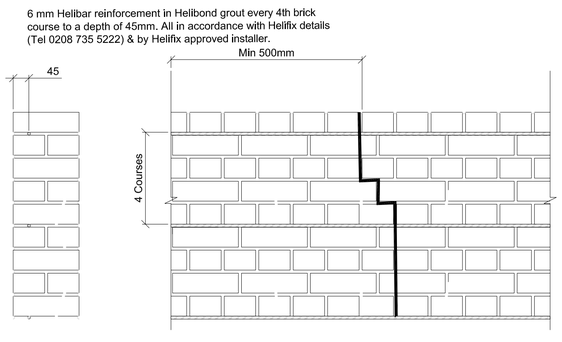


Detail 300.4 joist end splice repair (plan)
Scale 1:20



Note: allow for 12No. repairs per room.

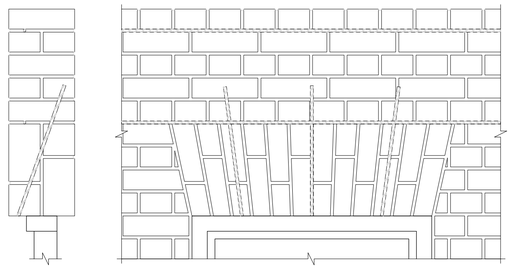
Detail 300.5 joist end splice repair (elevation)
Scale 1:20



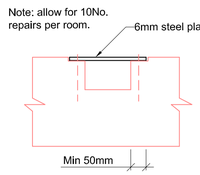
Detail 300.12 helifix crack stitching repair
Scale 1:10

Parallel lengths of helibar rod are bonded into the specified cut slots directly above the existing lintel. Angled cemties are installed through the lintel and into the masonry above the lower helibars.

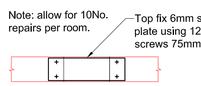
6mm helibar reinforcement in helibond grout to a depth of 45mm. All in accordance with helifix details (tel 0208 735 5222)



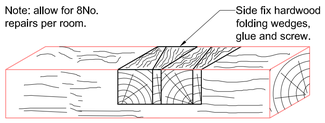
Detail 300.13 Flat Brick Arch Lintel Strengthening
Scale 1:10



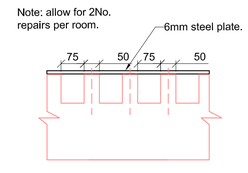
Detail 300.6 notch repair
For notches over 0.15xd Dp
Scale 1:10



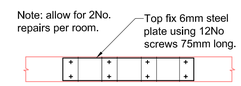
Plan on notch repair
For notches over 0.15xd Dp
Scale 1:10



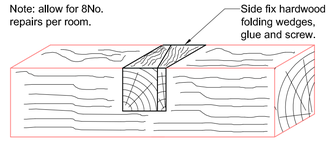
Detail 300.8 (Notch Repair for Long Notch)
Scale 1:20



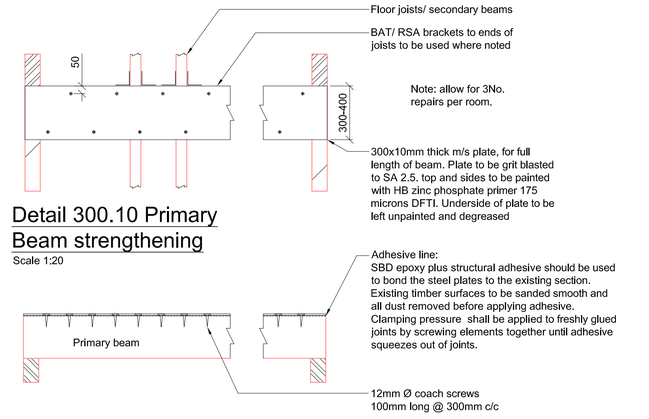
Detail 300.7 multi-notch
For notches over 0.15xd Dp
Scale 1:10



Plan on multi-notch repair
For notches over 0.15xd Dp
Scale 1:10

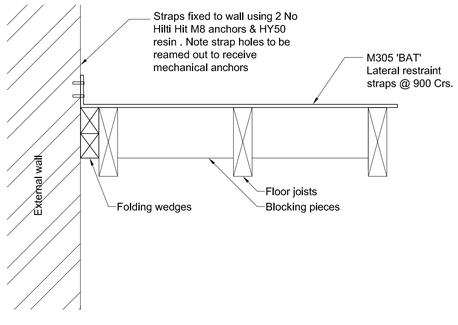


Detail 300.9 (Notch Repair)
Scale 1:20

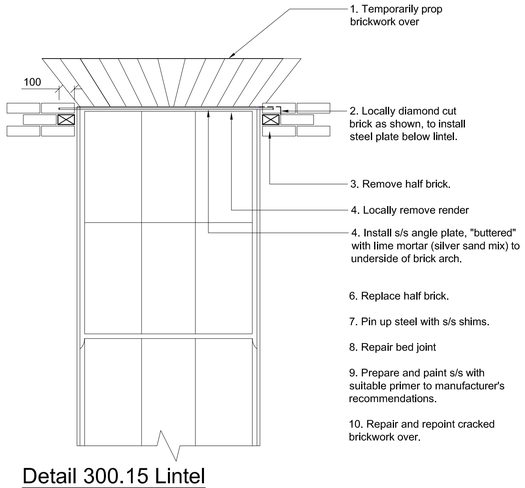


Detail 300.10 Primary Beam strengthening
Scale 1:20

Detail 300.11 Primary Beam strengthening Elevation
Scale 1:20



Detail 300.14 floor strapping detail
Scale 1:10



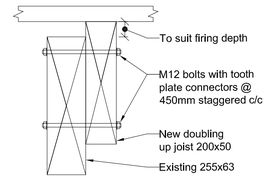
Detail 300.15 Lintel Strengthening
Scale 1:20

Typical repairs to all floors

- Carefully take up all floor boards and number to ensure they are reinstated in original location.
- Remove all debris from floor void.
- Check all joist bearings plus primary and secondary timber beam bearings and advise engineer of any which are short.
- Generally joist minimum bearing 50mm beam minimum bearing 100mm.
- Undertake specific remedial works to bearings if instructed.
- Undertake any additional strengthening or specific works as noted. Insert noggins to ends & midspan of floor joists.
- Screw fix joist to timber beams as detailed.
- Fix brackets as detail at junction of joist and trimmer.
- Repair all existing notches as detail.
- Form any new service holes/notches in accordance with standard details.
- Screw fix floor boards on completion of under floor service installation.
- Where existing structure is indicated this is based on Mason Navarro Pledge & historic record survey information
- All new steelwork is to be grade 43 in accordance with BS 5950. All bolts to be Grade 8.8 and plated.
- All new steelwork is to be blast cleaned to SA 2.5 and painted with high build zinc phosphate primer, 75mm Min. DFT prior to delivery to site.
- Concrete for padstones to be 1;2:4 mix with max 20mm aggregate size.
- Timber to be strength class C16 to BS 5268, moisture content not. exceeding 20% at time of erection. Structural timber to be wane free. All timberwork fixings etc. To comply with BS 5268. All fixings to be plated. All new timber to be preservative treated double vac or equal approved.

Specification For Lime Mortar Repointing

- Thoroughly mix 3 parts sharp sand, well graded 3mm down : 1 part blue lias lime.
- Rake out square to 20mm depth + re-point flush, or very slighlty recessed to show arris



Detail 300.16 Joist doubling up detail
Scale 1:5

General

1.1 This drawing is to be read in conjunction with all Architect's, Engineer's and Services Engineer's drawings and specifications.
1.2 Do not scale from any of the structural drawings. All dimensions to be verified on site and any discrepancies should be highlighted.
1.3 The contractor is responsible for the stability of the building and adjoining structures during construction and shall design, install, adapt and maintain all necessary propping and temporary works. A method statement for the temporary works must be submitted to the contractor administrator for comment before work begins.
1.4 Fire protection to all structural elements to Architect's details.
1.5 All waterproofing to the Architect's details.
1.6 All materials to comply with the relevant British Standard.

Masonry

2.1 All materials and workmanship to comply with BS 5628.
2.2 New blockwork to have 7N/mm² minimum crushing strength, minimum density of 1200kg/m³ and to be set in 1:1:6 cement/lime: sand mortar.
2.3 New brickwork to have 20N/mm² minimum crushing strength and to be set in 1:1:6 mortar.
2.4 All cavity wall ties and restraint straps to be stainless steel and to be fixed strictly in accordance with the manufacturer's specification.

Steelwork

3.1 All materials and workmanship to comply with BS 5950.
3.2 Unless noted otherwise all new steelwork to be grade S355 JO (External), JR (Internal) to BS EN 10025. Bolts to be grade 8.8 equivalent and hot dip galvanised.
3.3 All steelwork to be thoroughly cleaned by grit blasting to grade Sa2.5 and painted with 2 coats of zinc phosphate primer to a minimum overall thickness of 75 microns.
3.4 All steelwork built into a solid or cavity external wall should have 2 coats of high build bituminous paint.
3.5 The contractor must allow for tolerance in fabrication and provide all shimming and packing necessary to obtain the correct levels shown on the drawings.
3.6 All steelwork to be supported on 440 long x 100 wide x 215 deep mass concrete padstones, ensuring 100mm bearing, unless noted otherwise.
3.7 Connections to be designed and detailed by fabricator.

Timber

4.1 All materials and workmanship to comply with BS 5268
4.2 Structural timber to be minimum Grade C16 and preservative treated.
4.3 Structural plywood to be Canadian or North American Douglas Fir or similar approved.
4.4 All proprietary timber fixings such as joist hangers to be hot-dip galvanized and used and installed strictly in accordance with the manufacturers recommendations.

REV	COMMENTS	DATE	CHK
T1	Issued for tender	25.05.16	DJM

STATUS
TENDER

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CLIENT
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29a Montague Street
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PROJECT
7 GOWER STREET

DRAWING TITLE
DETAILS DRAWING

SCALE @ A1	DATE
AS NOTED	18.05.16
DRAWN BY	CHECKED BY
JE	DJM
JOB No.	DRAWING No.	REV
215237	D-300	T1