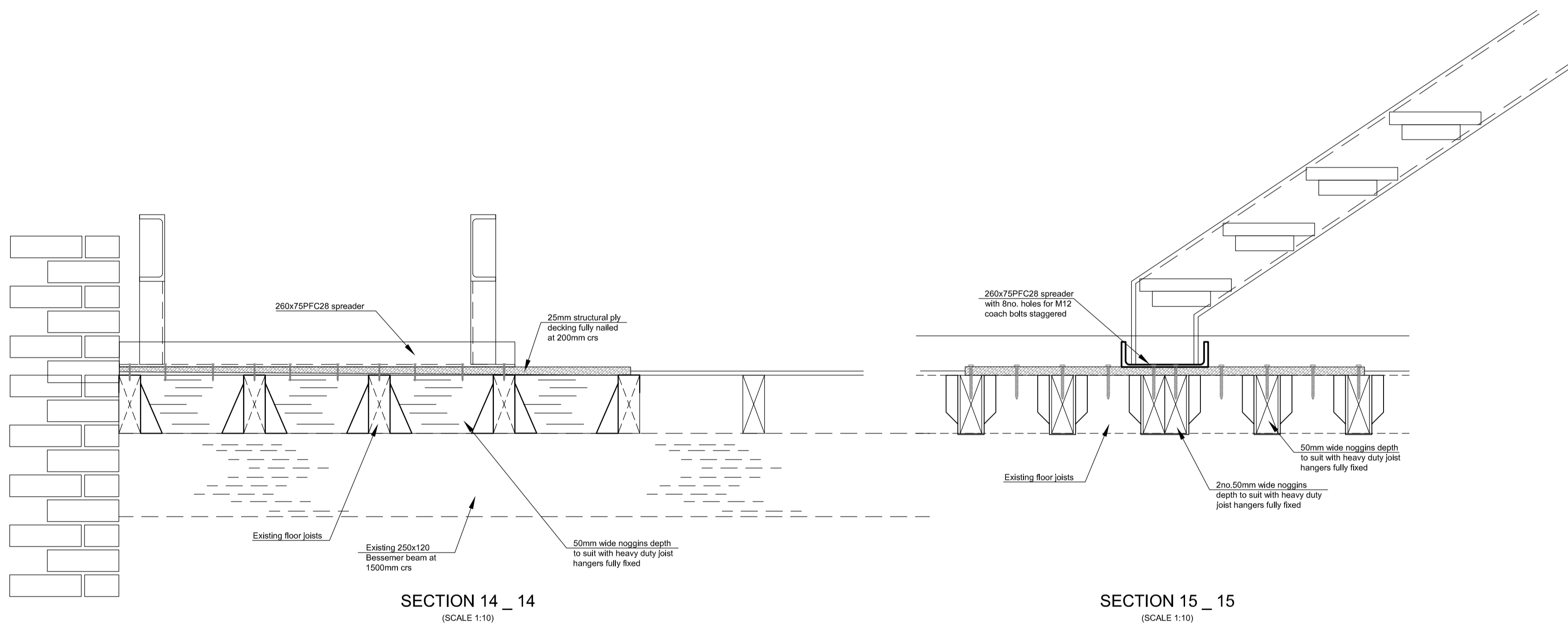
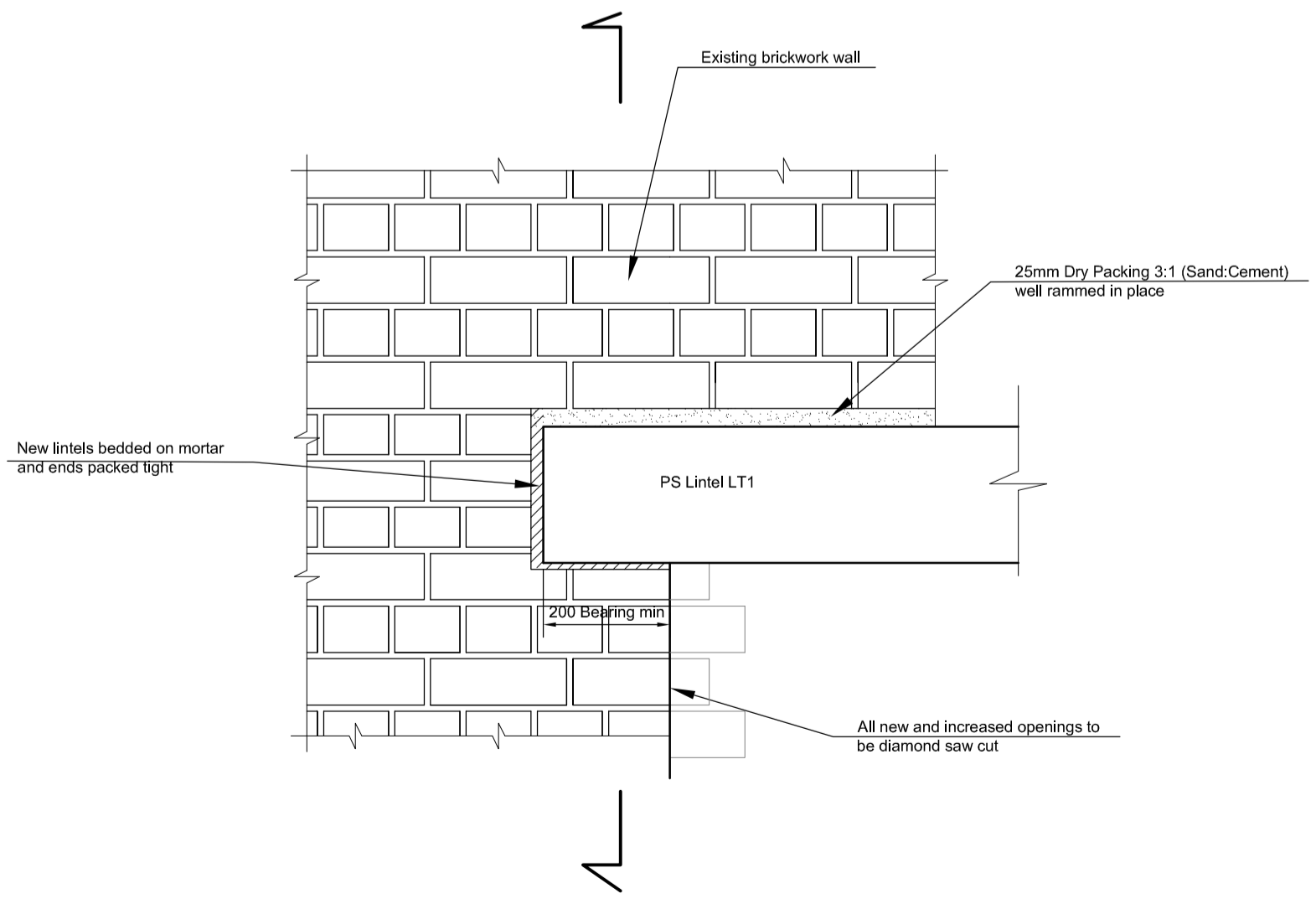


SECTION 13_13
(SCALE 1:10)

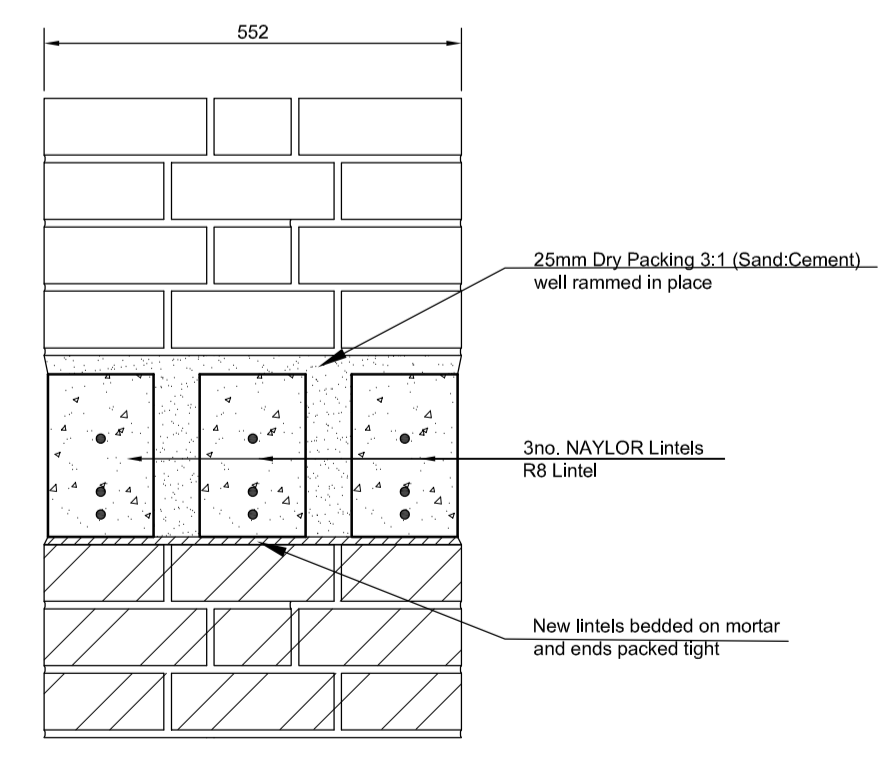


SECTION 14_14
(SCALE 1:10)

SECTION 15_15
(SCALE 1:10)



TYPICAL ELEVATION ON PS LINTELS
(SCALE 1:20)



SECTION THROUGH 3no. 140x215 PS CONCRETE LINTELS LT1 DETAIL
(SCALE 1:20)

GENERAL NOTES

STEELWORK

All steelwork to be designed in accordance with BS 5950 part 1, 2000 unless stated otherwise, all steel shall be to BS EN 10025, Grade S275.

All steelwork is to be shot blasted to SA 2.5 and painted with Epoxy Zinc Phosphate primer to DFT 100 microns.

The sub-grade shall be in accordance with tables 4, 5 and 6 BS 5950 (K) unless noted otherwise) for external and/or internal use, to suit the plate thickness provided. A proprietary type with characteristic yield strength of 350 N/mm2 and minimum ultimate tensile strength of 450 N/mm2 95mm high after welding x 19mm diameter.

Fixings

All bolts shall be grade 8.8.

All welds shall be 6mm fillet, except where specified otherwise.

All welds are to be full profile and continuous, all end plates/capping plates are to be F.S.B.W. to RH/CHS with plate edges prepared.

All end plates/capping plates to be profiled to shape of section.

All end plates to be a laminar-free material.

For factored design loads refer to drawings, where no force is shown on plans the connection shall be designed for the following loads.

V = 75kN (SHEAR)
T = 75kN (TENSION)
M = 60kNm (BENDING MOMENT)

At beam to column connections, the centre line of the column shall coincide with the centre line of the beam unless noted otherwise.

FIRE PROTECTION

All structural steelwork requires a minimum protection period of 1 hour fire protection.

Unless specifically identified the choice of fire protection material is

M61 intumescent coatings for the protection of steelwork.
M63 board fire protection

Ref.	Revisions	By	Date
A	Lintel Detail added	GB	01.06.18

163 EVERSOLT STREET,
CAMDEN,
LONDON,
NW1 1BU,

STRUCTURAL SCHEME
FOR SECOND FLOOR
LEVEL AND MEZZANINE
SECTIONS AND DETAILS
(SHEET 2 OF 2)

- This Drawing to be read in conjunction with all other Engineers, Architects and Specialists drawings and specifications.
- No dimensions are to be scaled from this drawing.
- No deviation may be made from the details shown on this drawing without prior agreement of the Engineers.
- Any discrepancy between this drawing and any other document should be referred immediately to the Engineer.

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Scale at A1	Date	Drawn By
1:10	30/08/18	GB
Project No.	Dwg No.	Rev.
9222.1	03	A