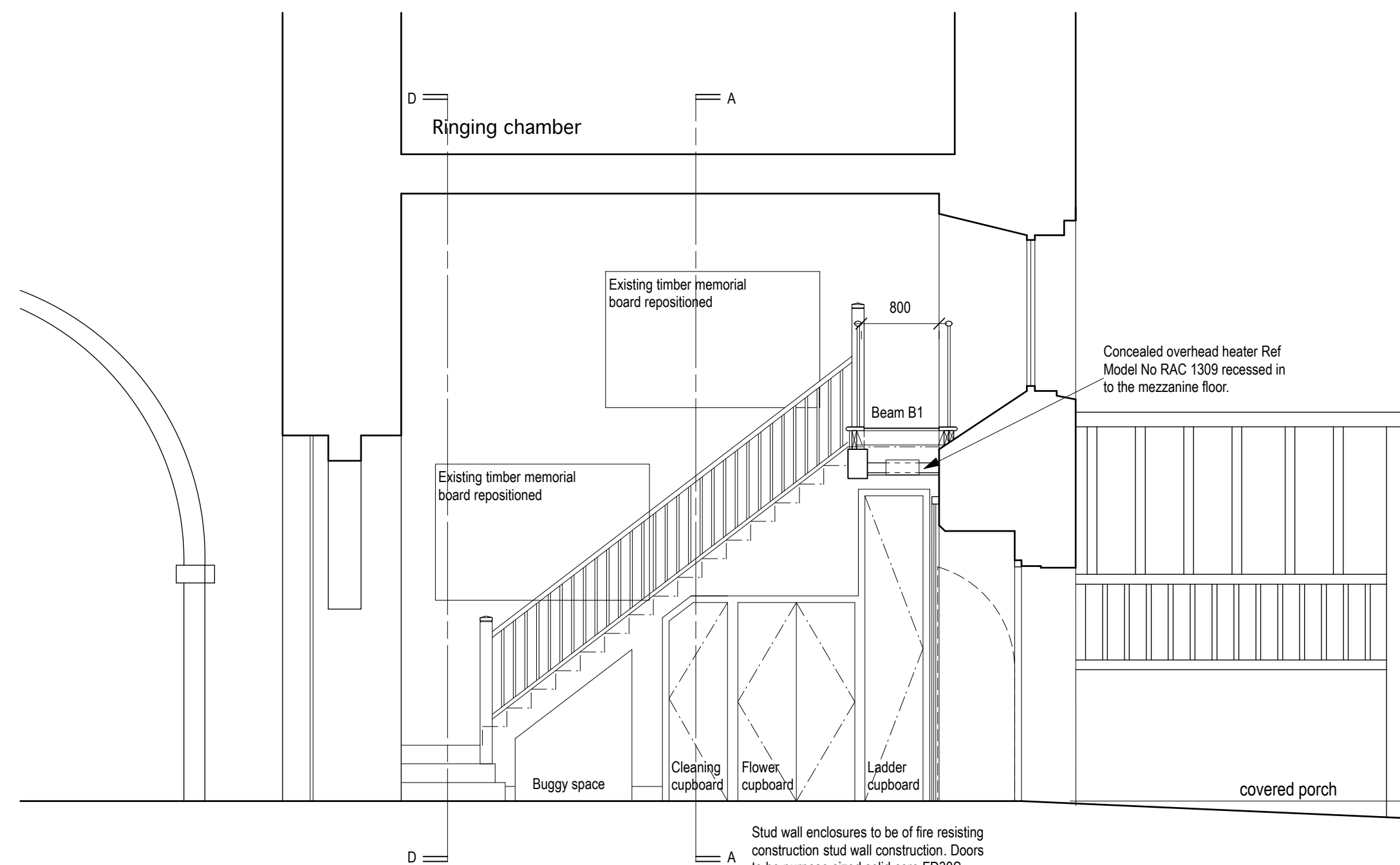


Section C:C through the tower showing the existing staircase adapted to suit new mezzanine level.



Section B:B through the tower entrance lobby looking towards the new staircase.

Mezzanine deck

Walkway along the west wall of the tower 22mm engineered oak floor boards on 50x150mm joists @ 400c/c built off beam B1 and resting on the sill to the west window. Two layers of plasterboard to the underside of the mezzanine on 50x100mm ceiling joists 400c/c. Form fire protected recessed box in the ceiling to receive an overhead door heater.

New walls to cupboards and toilets

Timber stud walls to be formed with structural grade softwood studs 75x50mm, and 2 layers of 12.5mm plasterboard and skim coat. Walls filled with Rockwool acoustic quilting. New timbers to be separated from existing walls with strips of damp proof membrane. Perimeter of new walls to be sealed with acoustic sealant.

Ceilings

Ceilings above the toilets 2 layers of 12.5mm plasterboard and skim coat fixed to 100x50mm joists hung on galvanised metal joist hangers. Line joists with WBP plywood for high level cupboards.

Structural alterations

The new mezzanine is to be supported on beams B1 & B2 using structural oak combined with steel fitch plates if required by the engineer. Beam B3 to support the adapted staircase leading up to the Ringing Chamber.

New staircase and mezzanine

Contractor to survey ground floor of the tower once existing fittings and fixtures are removed to check all dimensions before arranging for joinery workshop drawings to be prepared by the joinery sub-contractor for comments and acceptance.

New stair to be formed in oak to stair treads, risers, newels, balusters and handrails. Treads to be 250mm and risers 184mm subject to confirmation by the contractor. Clear width between handrails to be no less than 800mm. Height of balustrading/handrails to rise of stair 900 above nosings and 1100mm above finish levels of the landing and mezzanine deck. Mezzanine deck

Mezzanine deck

Cupboard on mezzanine deck formed in fire resisting construction, with back panels off set from the walls to allow for ventilation. Stud construction with 2 layers of 12.5mm plasterboard and skim to provide 1 hour fire separation. Cupboards fitted with adjustable shelving.

Floor deck 22mm engineered oak boards on 150mm joists on hangers at 400mm centres. 25mm plasterboard and skim to provide 1 hour fire separation.

Cupboard doors to be solid core FD30S doors cut to suit opening size and lipped. Complete with smoke and intumescent seals.

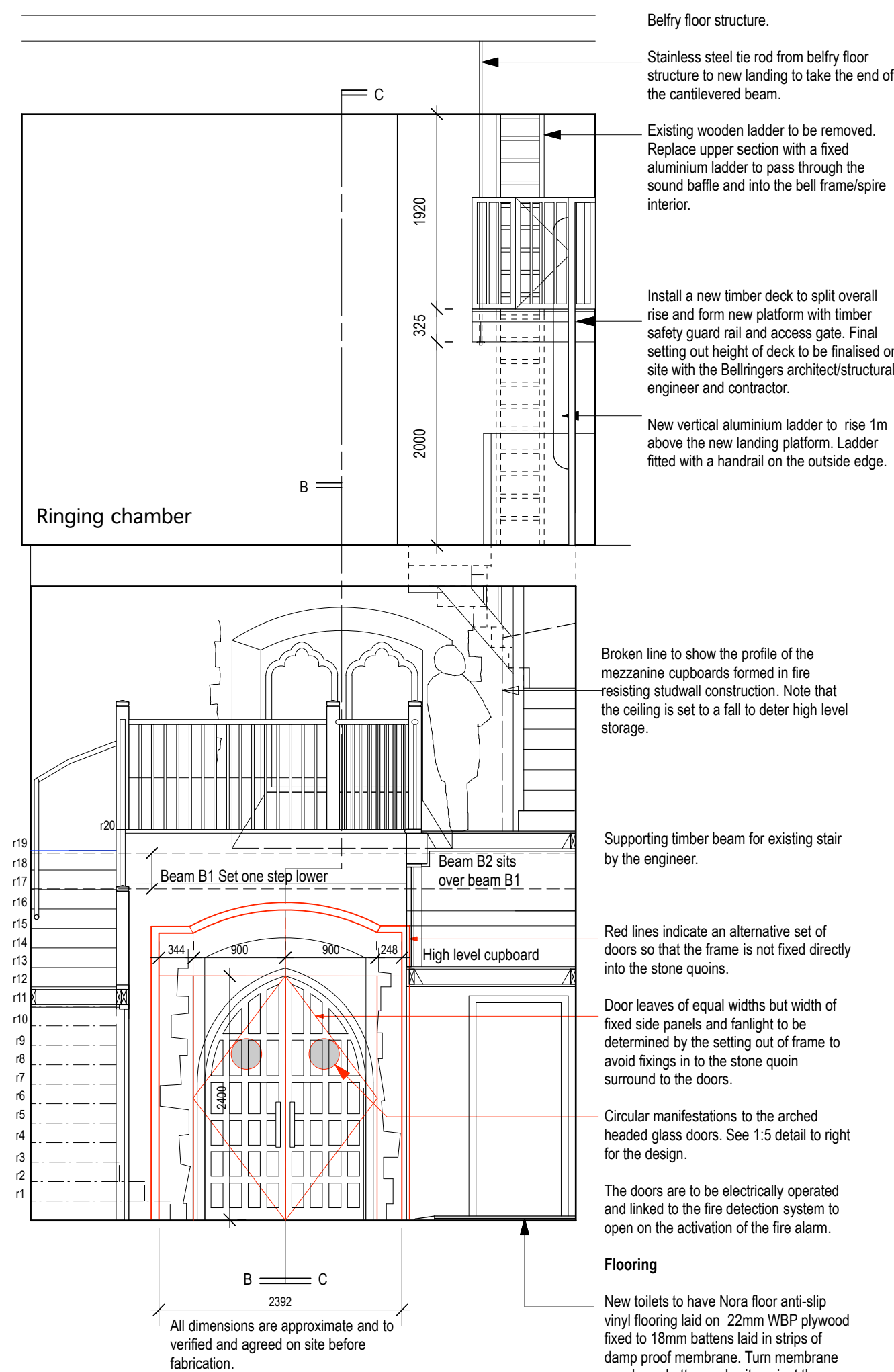
50x150 sw plates bolted to the masonry and separated with damp proof membrane material.

Ceilings 150mm joists on hangers at 400mm centres. 2 layers of 12.5mm plasterboard and skim to provide 1 hour fire separation. Joists to be lined with 22mm WBP plywood to form high level storage cupboards.

Studwork wall construction with 2 layers of 12.5mm plasterboard and skim to provide 1 hour fire separation. Cavity filled with acoustic insulation and perimeters sealed with acoustic sealant.

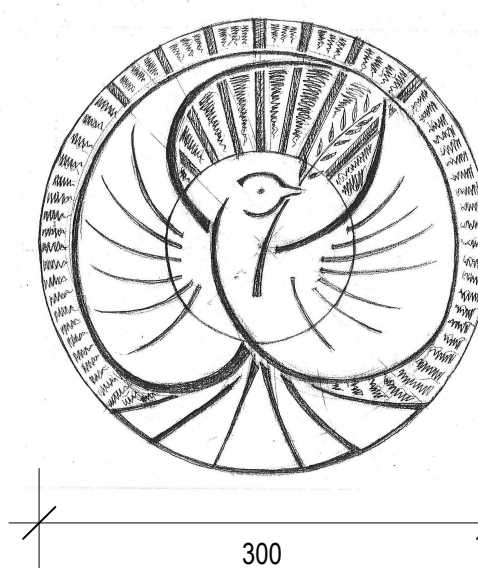
Toilets to have dado panelling around walls. On existing tower walls, the battens supporting the panelling to be separated with strips of damp proof membrane. Height of panelling 900mm bull nose bead/cover to top of panelling.

Section D:D Through the tower entrance lobby looking towards the doors leading in to the nave.



Section A:A through the tower entrance lobby looking towards the west doors.

Manifestation detail

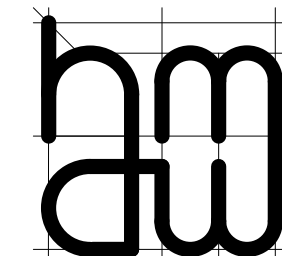


Dove symbol manifestation for the new entrance doors. Scale 1:5

Rev B: Corrections to plasterboard thickness and fold out aluminium ladder in the ringing chamber changed to a fixed ladder. 01.06.2020

Rev A: Revised arrangement of stairs and treads to ground floor stair to mezzanine level, adaptation of the upper section of the existing tower staircase to suit new mezzanine level, and new access arrangements from the ringing chamber to the bell chamber. 13.05.2020

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Project

ST. MARY'S CHURCH, BILLINGSHURST

Drawing

ALTERATIONS TO THE CHURCH TOWER TO INSTALL NEW STAIRS AND MEZZANINE ACCESS TO THE RINGING CHAMBER.

CROSS-SECTION VIEWS

Scale

1:50

Date

07.04.2020

Job No. - Drg. No.

C261.02.131

Revision

Rev B

Drawn

SD

Checked

SD