

The proposal requires removal of the timber screen currently in position (A) Chancel arch, and relocation to position (B) Aisle north wall.

The existing screen can be accommodated in the new position. It allows the north door to open without need for modification other than removal of the modern end panel which currently exists against the north side of the arch.



(A) Existing



(B) Proposed

(See drawings 2416-P2-4 and 2416-P2-5)

Church of St Peter – Sharnbrook – Accessibility Project

Details and Methodology for Relocation of Chancel Arch Screen

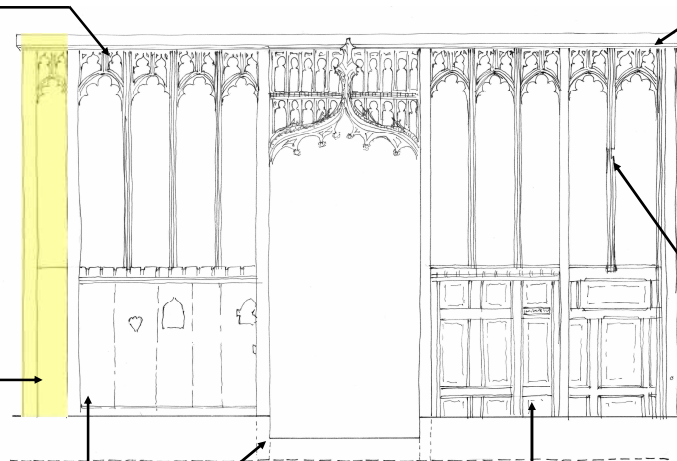


Mismatched assembly of historic headrail to lower mullion sections



Extended screen width with extra frame section fitted with a modern infill board.

Below, original infill planking to lower screen



Lower Chancel floor level with base of screen partially buried against raised floor / concrete

Side frame and tracery sections mis-matched to adjacent joinery and currently loose.



Cut out / damage for former pulpit location



Below, historic but non original mismatched lower infill panels.



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Screen Relocation (Read in conjunction with specification + Schedule of works)

- a) Remove choir stalls and bases from their existing position to clear access to east side of screen.
- b) Lift carpet to west side of screen and clear away from the screen. Using hand tools (Not SDS power chisel) break out existing concrete infill on the higher west side of the screen sufficient to release timbers including base rail as may remain.
- c) Provide temporary bracing then carefully detach and remove the modern infill panel and side rail against northside of chancel arch masonry.
- d) Construct temporary timber frame complete with diagonal bracing over the front and rear of screen to firmly clamp all historic joinery in its current position. Do not drill or fix into the joinery. Pass clamping bolts past sides / through existing apertures and use high density compressible foam sheet at all points where the temporary frame abuts the face of historic timbers.
- e) Ensure when erecting temporary frame that the function of the base rail to fix the position of lower edge of all timbers is maintained across the door opening and across any areas where the existing base rail is decayed.
- f) Provide temporary access and support scaffold as required. Lay Stirling board or similar physical protection to prevent damage to floor surface in Nave.
- g) Provide a suitable mechanical lift (i.e Weinhold MFC/K mini crane or similar as appropriate to lift and site conditions). This will require an adjustable boom / swivel from the upper hook to enable the load to be turned.
- h) Position the crane support and secure to the temporary lifting frame and then carefully cut off / detach the existing fixings into chancel arch masonry.
- i) Carefully raise the screen from its current location sufficient to clear the raised Nave floor level and with sufficient additional manpower carefully manoeuvre through Nave and through arcade arch (obliquely) to new position against North aisle north wall as indicated on drawings.
- j) If necessary / safe lifting height of crane unit supplied will not allow screen to over-sail the pews, allow to temporarily remove Nave pews and on completion refix to original locations.
- k) With screen approximately in new position erect temporary scaffold for access and support as needed.
- l) Consult Church Surveyor / C.A. on site to agree extent of any essential repairs, refixing of loose sections of existing historic joinery and positions for the fixing clips on the Aisle wall. Confirm the detail for the plinth section provisionally indicated on drawings required for support + conceal decayed timbers where previously set against raised concrete face.
- m) On completion of repairs lever into final position set on lead spacers to isolate timber and level up for any sundry deviation of existing floor surface. Remove remaining temporary support framing and fix securely against wall.
- n) Extract all former screen fixings from Chancel arch masonry and carefully fill any holes as agreed with Church surveyor / C.A. on site.
- o) Remove all equipment, temporary scaffold and protection, make good and tidy all areas affected by the works.