

Re: Cable route photo and text

From: Andy Noble <Andy.n@piranhaav.co.uk>

To: "Rev. Nick Andrewes" <rev.nick@andrewes.org>

Date: Today 16:21

Spam Status: Spamassassin Bogofilter

Attachments:  image001.png

Hello Nick

In terms of the fixings...

When fixing television brackets to stonework in churches we aim to drill the mortar lines. We usually use a chemical resin system that provides a secure fixing to the stonework without applying expansive forces as some fixings to such as RawlBolts. An M8 threaded socket is bonded into the stonework and the bracket is then bolted to this. Depending on where the mortar lines fall in relation to the bracket we might opt to span two mortar lines with an industrial metal fixing system called Unistrut. If you're not familiar with Unistrut you can read more here: https://unistrutohio.com/blogs/unistrut-blog/how-unistrut-works-what-it-is-and-how-it-gets-put-together?srsId=AfmBOopCTJ_XMe2_7Lu6NAU7FZj233fhyMvZRYRG4zyo3CLPIzXdYv-E

The Unistrut will be painted Black prior to installation.

The threaded sockets are installed a little recessed from the surface of the stone. Should the TV be removed the holes can be filled in future and painted to match the surrounding stone.

When fixing cables, we will generally hot-melt glue gun them to the stonework. Where we go round corners we will use a cable P clip (which is drilled into the substrate and secured using a small wall plug) or cleat which is hammered in if we're securing the cable to timber.

For the bracket...

The specification of the bracket dates back to when screens were immensely heavy and applied large leverage forces on the bracket compared to how (relatively) light they are now. We will make sure the specification matches the screen size. For additional peace of mind we perform the can-we-hang-off-the-bracket test to make sure it is super reliably fixed.

Many thanks

Andy

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