

**1:10 CROSS STONE:** (from laser scan data)

20mm Ø hole drilled/cored into base of cross stone to protrude into base no longer than 2/3rds depth of bottom horizontal of cross (150mm). Once cored, stainless steel sleeve or round tube to be inserted (20mm OD, 1.5mm wall thickness) to give 17mm ID to accept 16mm dowel.

20mm Ø hole drilled/cored through coping socket stone to align with sleeve hole cut into cross stone.

**1:10 COPING SOCKET STONE:** (from laser scan data)

Detached area repaired (provisionally) by HES South Gyle (see drawing 189-160909-002 for details).

Notes:  
Method statement for drilling stones to be agreed with DA to cover protection methodology and ensuring holes drilled/cored into stones align and are plumb, so that the cross sits upright in the coping socket stone and does not lean at an angle. Build up to top of bellcote 'tympanum' area to be investigated prior to drilling stones to confirm fixing detail.

**Drilling of stones to be done with care and carried out using non-percussion core type drill.**

Revisions:  
Derived from sketch drawing SK160921.  
**REV A:** 20/10/2016 [SD] - notes amended for SMC application.

**Residual Risks**

- The cross stone weighs approximately 31Kg. The capping stone weighs approximately 69Kg. The stones will be re-installed to the top of the Bellcote (height approx. 16m) utilising designed scaffold with suitable winch incorporated.
- Method statement for re-installation of the two stones to be devised, from transport from Gyle Conservation Centre to their re-installation on site.

**SMC**

MONUMENT	CROSSRAGUEL ABBEY		
PROJECT	BELLCOTE CROSS & COPING STONE RE-INSTALLATION		
	CORING DETAILS TO CROSS & COPING STONES		



PROJECT DRAWING NUMBER	189-160909-003A		
SCALE	1:10@A3	ARCHITECT	P.BEATON
DATE	21/09/16	DRAWN BY	S.DEASLEY
ARCHIVE NUMBER	-		

