


Stonewest Ltd

**CAREW MANOR
SALVAGED BRICKS &
PROPOSED SAMPLE PANELS REPORT**

Report No: 67751/Rep

Dated 31.03.2021


 Stonewest	Location:	67751 CAREW MANOR	
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	Careful Dismantling and Salvage all Masonry	Sample :
Description: <p>The East end of the wall scheduled for careful dismantling and rebuilding has been successfully dismantled by hand, whilst ensuring as much original masonry is salvaged for re-use as possible. Many existing bricks are found to be very soft and friable and disintegrated during the dismantling process.</p>			Comments:



**Dismantled to Buttress 8
Looking West**



**Ready to be toothed out and new
wall starter per the specification**


 Stonewest	Location:	67751 CAREW MANOR	
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	Cleared Walling Down to Foundation Level.	Sample :
Description:		Shows both tree stumps successfully removed and all bricks dismantled/removed. Bricks below pavement level have become contaminated/soiled so have been set aside should their use become essential. Now the masonry is removed our team pulled a string line through and its apparent the existing wall is not straight. Therefore the new foundation will need to curve to follow the existing line. If built straight, true and plumb the resultant construction would end up too far away from Buttress 8.	Comments:



Looking East all bricks carefully removed



Looking West along the dismantled section


 Stonewest	Location:	67751 CAREW MANOR	Sample :
E: info@stonewest.co.uk T: 020 8684 6646	Church Lane	Salvaged Bricks Sorted into Pallets and Counted Accurately.	
Description:	<p>2000 headers were salvaged (vast majority due to many full bricks crumbling during the dismantling process). 1500 stretchers were salvaged. All cleaned free of redundant mortar ready for re-use. With these quantities confirmed, we will propose the following arrangement as set out on the next page.</p> <p>The contaminated/soiled bricks salvaged from below ground level will be kept/set aside for the time being should their use become essential.</p>		Comments:



Salvaged bricks



Below ground contaminated bricks

	Location:	67751 CAREW MANOR	
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	Salvaged Masonry Proposed Panel Church Lane Elevation.	Sample :
Description:			Comments:


Shows the proposed sample panel for the Church Path elevation which primarily consists of salvaged bricks. **NOTE** The first two courses above pavement level will be **NEW** Goodwood blend bricks, then salvaged bricks above. The Corbelled course to be built using **NEW** Goodwood blend bricks due to the salvaged bricks fragility making them unsuitable. Then salvaged bricks used above the corbelled course. With **NEW** for the Coping bricks as detailed below. We consider all salvaged bricks are too fragile for the structural elements. We also propose the four new Buttresses will be constructed using the new Goodwood blend.



Sample panel construction



With Lime mortar pointing completed


 Stonewest	Location:	67751 CAREW MANOR	
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	Sample Panel Showing Proposed School Elevation	
Description:		<p>To the School (rear) elevation where the ground levels are different we propose to use a semi engineering brick below ground level (unseen).</p> <p>To use the Goodwood blend to the outer face/skin (where seen) and up to the top of the wall on the School/rear elevation.</p> <p>We also propose to use new bricks for Church Path elevation four new buttresses, corbelling and first two courses out the ground (all structural elements).</p>	Comments:



Proposed School (rear) elevation using the Goodwood Blend



Shows proposed front and rear elevations


 Stonewest	Location:	67751 CAREW MANOR	Sample :
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	Proposed Use of Combination to NEW & Salvaged Bricks	
Description:			Comments:
The skewed Coping bricks with their bottom beds facing skyward, we propose/recommend will be in the NEW Goodwood Blend bricks for longevity.			



Shows the Goodwood brick to the skewed capping



Shows church path and school elevations proposed samples panels

 Stonewest	Location:	67751 CAREW MANOR	
E: info@stonewest.co.uk T: 020 8684 6646	CHURCH LANE	PROPOSED LIME MORTARS	Sample :
Description:	For Building, 2 parts Westerham fine graded washed building sand and 1 part washed plastering sand and one part NHL 3.5 Hydraulic Lime (3:1). Raked Back to a depth that's twice the width of the joint. For Pointing, 3 parts Chalk Down Lime Sharp Washed sand 4mm aggregate (Greenhithe) to 1 part NHL 3.5 hydraulic lime (3:1).		Comments: Very close colour match to the original lime mortar with a good sized binder at 4mm.



Shows Hydraulic Lime Mortar Proposed Pointing to New Bricks



Shows Hydraulic Lime Mortar Proposed Pointing to Salvaged Bricks