



Alterations to stone work and cleaning of leaded glass windows

at

St Wilfrid's Church

Cotton Lane, Cotton, Staffordshire, ST10 3DR

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1. Introduction

1.1.This report outlines and references the alterations and insertion of new doors within the church walls.

1.2.Aesthetic factors alone do not dictate replacement or repair of existing stone work.

1.3.Best practice should always aim to retain as much original stonework of a building as possible. It is also recommended the use of minimal intervention techniques involving the least physical disturbance to the building.

1.4.All alteration and repair to the stone work is to be undertaken by an appointed reputable masonry contractor with the relevant craft skills of sizing, cutting, tooling and setting without damaging the surrounding masonry.

2. General maintenance and enabling works

2.1. Removal of Foliage

2.1.1. Remove all existing foliage attached to or near the building together with dirt and detritus.

2.2. Removal of redundant wiring and pipework

2.2.1. Prior to work commencing, all redundant wiring and plastic pipework will be removed.

2.3. Erection of Scaffolding

2.4. Scaffolding is to be carefully designed and erected to allow the works to be carried out safely and to not damage the existing masonry. Prior to the replacement of any stone, the original construction is to be measured, recorded and photographed by the specialist contractor. This is to ensure that new stone fits exactly in the correct location and that the dimensions of the surrounding mortar joints do not alter in size.

3. Insertion of Door DW07 Below Window W07

3.1. Prior to the replacement of any stone, the original construction is to be measured, recorded and photographed by the specialist contractor. This is to ensure that the new stone fits exactly in the correct location and that the dimensions of the surrounding mortar joints do not alter in size.

3.1.1. Prior to commencing, protect the work area by dust sheets covering the scaffold boards and Correx box sheeting to window W07 not requiring works.

3.2. From results taken from the Stone and Mortar analysis; Source and obtain samples of suitable matching stone(s) for approval by the contact administrator and local authority conservation officer:

3.2.1. Ensure that stone can be supplied in sufficient quantity and of consistent quality to meet the requirements of the project.

3.3. Undertake alterations to stonework in accordance with Amos Group drawing 502.

3.4. Mortar to be used for repointing and rebuilding the : one-part Ionic NHL2, to two-parts Waddington fell sand (or a similar sharp well graded red sand), to 1/2 part pink silica sand.

4. Insertion of Door DW15 Below Window W15

4.1. Prior to the removal of any stone, the original construction is to be measured, recorded and photographed by the specialist contractor. This is to ensure that the new stone fits exactly in the correct location and that the dimensions of the surrounding mortar joints do not alter in size.

4.1.1. Prior to commencing, protect the work area by dust sheets covering the scaffold boards and Correx box sheeting to window W15 not requiring works.

4.2. From results taken from the Stone and Mortar analysis; Source and obtain samples of suitable matching stone(s) for approval by the contact administrator and local authority conservation officer:

4.2.1. Ensure that stone can be supplied in sufficient quantity and of consistent quality to meet the requirements of the project.

4.3. Undertake alterations to stonework in accordance with Amos Group drawing 504.

4.4. Mortar to be used for repointing and rebuilding the : one-part Ionic NHL2, to two-parts Waddington fell sand (or a similar sharp well graded red sand), to 1/2 part pink silica sand.

5. Insertion of Windows W13 & W34

5.1. Prior to the removal of any stone, the original construction is to be measured, recorded and photographed by the specialist contractor. This is to ensure that the new stone fits exactly in the correct location and that the dimensions of the surrounding mortar joints do not alter in size.

5.2. From results taken from the Stone and Mortar analysis; Source and obtain samples of suitable matching stone(s) for approval by the contact administrator and local authority conservation officer:

5.2.1. Ensure that stone can be supplied in sufficient quantity and of consistent quality to meet the requirements of the project.

5.3. Undertake alterations to stonework in accordance with Amos Group drawings 505 & 506.

5.4. Mortar to be used for repointing and rebuilding the : one-part Ionic NHL2, to two-parts Waddington fell sand (or a similar sharp well graded red sand), to 1/2 part pink silica sand.

6. Cleaning of existing Clear leaded glazing

6.1. Prior to commencing, protect the work area by dust sheets covering the scaffold boards and Correx box sheeting to areas of the window not requiring works.

6.2. All quarry pattern plain glazing to be cleaned to both interior and exterior sides. Panels to be brushed down with soft brushes to remove surface dust and cobwebs before swabbing with deionised water on microfibre cloths.

7. Cleaning of existing Stained leaded glazing

7.1. Prior to commencing, protect the work area by dust sheets covering the scaffold boards and Correx box sheeting to areas of the window not requiring works.

7.2. The external glass panels which has only light deposits of grime on the surface is to be cleaned by swabbing with deionised water on microfibre cloths.

7.3. The internal painted surfaces are ONLY to be cleaned by a light dusting down of cobwebs and dust. No wiping action is permitted to clean the internal painted surfaces. Any sooty deposits can be removed by lightly patting the surface with cotton wool swabs, dampened with deionised water.

8. New leaded lights to new Windows W13 & W34

8.1.Refer to drawings 910, 911 & 912; New leaded lights to be crafted and installed by a specialist leaded glass contractor.

8.2.New leaded glass lights to new openings W13 & W34 formed with traditional lead came edging. Glass pieces to be formed into quarries and fitted neatly together with round 'H' lead came complete with lead solder joints.

8.3.All new lead came is to be as fine as possible (1/8" or less).

8.4.PPC steel frame to be fixed to stone surround. Install leaded light within frame and seal within with traditional black putty. See drawing 912 for details.

End.