

# ◆ DAVID SMITH ASSOCIATES LLP ◆ Consulting Structural & Civil Engineers ◆

◆ London ◆ Northampton ◆ Cheltenham◆ Birmingham ◆ www.dsagroup.co.uk

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**NN168TL** 

#### F.A.O. Chirs Law & Samantha Pace

5<sup>th</sup> April 2024 LMB/21/45663

Dear Chris & Sam,

#### RE: **MANOR HOUSE CLOSE, EARLS BARTON**

Condition 4 within the Decision notice NW-22-00836-FUL, NW-22-00837-LBC NW-23-00096-FUL & NW-23-00097-LBC states that.

Prior to their first use on site details of any replacement materials shall be submitted to and agreed in writing by the local planning authority. Works shall be implemented in accordance with the approved materials and details specified and shall be permanently maintained as such.

In order to discharge the above condition, the following replacement materials have been suggested.

DSA LLP VAT REG: 443 6613 95

Eur Ing David Smith BSc(Hons), C.Eng, MICE, FIStructE, CMaPS, MFPWS, FCABE, ACIArb, Hitesh Jethwa BSc Eng (Hons), I.Eng, IMIStructE Steven Ainge B.Eng (Hons), I.Eng, IMIStructE Thomas Garrod B.Eng (Hons), Ben Mason BSc (Hons), IEng, MICE





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Please note that the following materials have been given verbal confirmation after multiple site visits to inspect the proposed materials and compare them with the existing materials which make up the boundary wall.

## Replacement Brick

Bricks which cannot be reclaimed during the remedial works due to their loss of structural integrity are to be replaced by reclaimed soft red imperial bricks. Please refer to photograph 1 for an image of the proposed material.

## Replacement Coping

Along the boundary wall there are multiple concrete copings, we believe these copings have been installed during earlier repairs to the wall and have no historic significance. With the above in mind, we have suggested that all concrete copings are replaced with handmade ironstone copings, the stone for said copings will be sourced from Great Tew Quarry which is located in Oxfordshire. Please refer to photograph 2 for an image of the proposed material.

## Remedial work for Piers

Both the piers within the boundary wall have multiple defects which include missing sections of stone & crumbling stone renders. It has been proposed that similar limestone blocks are stitched to the existing stone blocks and a new stone render is applied to areas where the existing stone render is crumbling. The above-mentioned materials are to match the existing on a like for like basis. Please refer to photographs 3 & 4 for images of the proposed materials.



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## Replacement Mortar

To ensure that the historic significance is not dismissed lime putty mortar will be used to replace the existing mortar. While samples were not provided during the site meetings it was agreed that the Natural Hydraulic Lime (NHL) 3.5 would be used on the assumption that it would match the colour of the existing mortar.

We trust the above is satisfactory for the discharge of the above conditions, however should you have any queries or require any further information, please do not hesitate to contact the Northampton office.

Yours sincerely

**Lewis-Morgan Barton** 

David Smith Associates LLP

Encls.

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# APPENDIX A

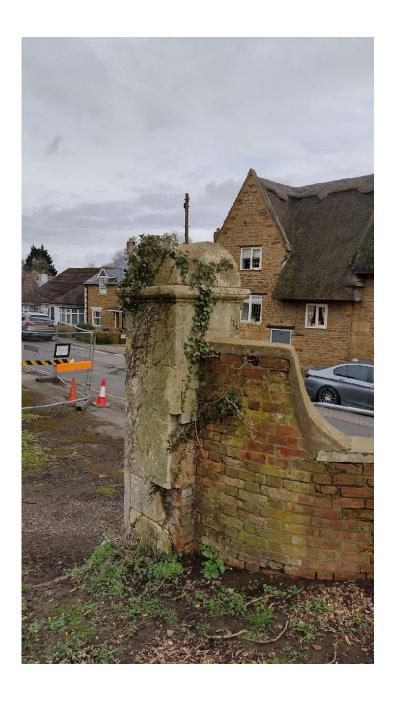
**Typical Photographs** 



Photograph 1 – Brick Replacement



Photograph 2 – Coping Replacement



Photograph 3 – Limestone Block Replacement



Photograph 4 – Stone Render Replacement