

Generally/ preparation

001 Methodology

1. Retain as much of the original sound stone as possible.
2. Replacement or repair will not be carried out for aesthetic reasons.
3. Where replacement must be considered, this should match the existing stone in all respects and be determined following review of suitable samples on site only.
4. During cleaning and survey work as detailed in NBS CI C40, determine areas of friable/eroded stones and extent of damage.
5. Descale loose and friable stone surfaces prior to DOFF cleaning, with a hand held brush only as cl455.
6. Where replacement stonework is required, the minimal amount of fabric must be removed, and be replaced with matching stone as above. Ensure a sound structural fixing back to the main substrate is carried out in accordance with the original techniques. Where these are not suitable, any deviations must be reviewed by the CA prior to proceeding.
7. Any removal or disturbance of existing stone should be minimised and adjacent fabric protected from damage and or movement as a result. If there are any concerns with regards to the stability of the structure before or during the works, these must be reported to the CA and the works halted until an inspection and appropriate course of action can be take.
8. All bedding, repointing, and face finishing to be carried out on a like for like basis in the context of the surrounding fabric. Any deviations must be reviewed by the CA prior to proceeding.

001 Methodology - Removal of Stone Steps (A)

1. Conservation, repair and maintenance shall be as defined in BS 7913.
2. Full photographic survey of existing stone steps and surrounding stone prior to removal.
3. Protective materials to be installed to prevent damage to surrounding stonework.
4. Carefully remove steps as per drawing T(407) using appropriate manual equipment only and implementing approved safety procedures to prevent injury or excessive dust.
5. Take photographs of newly revealed stone surfaces, and seek instructions from the CA prior to proceeding as below.
6. Brush clean the newly exposed stone reveals of any loose or friable material.
7. Repair to stone reveal damage as a consequence of the step removal.
Where the stone surface has been cut back previously, this will be reinstated with matching sandstone. A minimal amount of fabric must be removed to form a sound socket for insertion of replacement matching stone. Install using a lime putty to result in a minimal joint between old and new stone. Works to be carried out by suitably qualified and experienced stonemason - details to be provided to the Contract Administrator prior to commencement. Where this method is not possible, any deviations must be reviewed by the CA prior to proceeding.
8. Form a new level threshold with Yorkstone to match existing paving. Insert a contrasting bronze movement joint and seal in accordance with manufacturer recommendations. Both stone surfaces to be level to prevent a trip hazard. For stone paving works, see clause Q25 - Slab/ Brick/ Sett/ Cobble Pavings.

110 Scope of work

1. **Schedule:** Localised delaminating and missing sandstone. Repair using indent of matching stone. Repoint repaired sandstone. To be read in conjunction with drawing package and methodology. Removal of Stone steps to Mosley Street entrance as per drawing T(407).
2. **Records of masonry to be repaired:** Before starting work, use measurements and photographs as appropriate to record bonding patterns, joint widths, special features, etc.