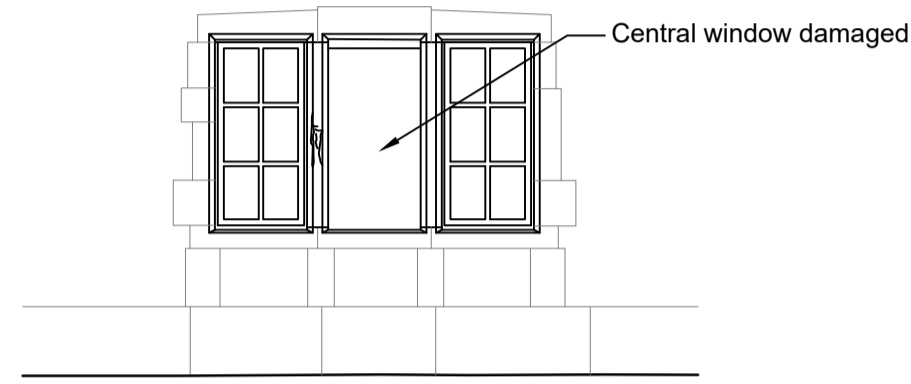
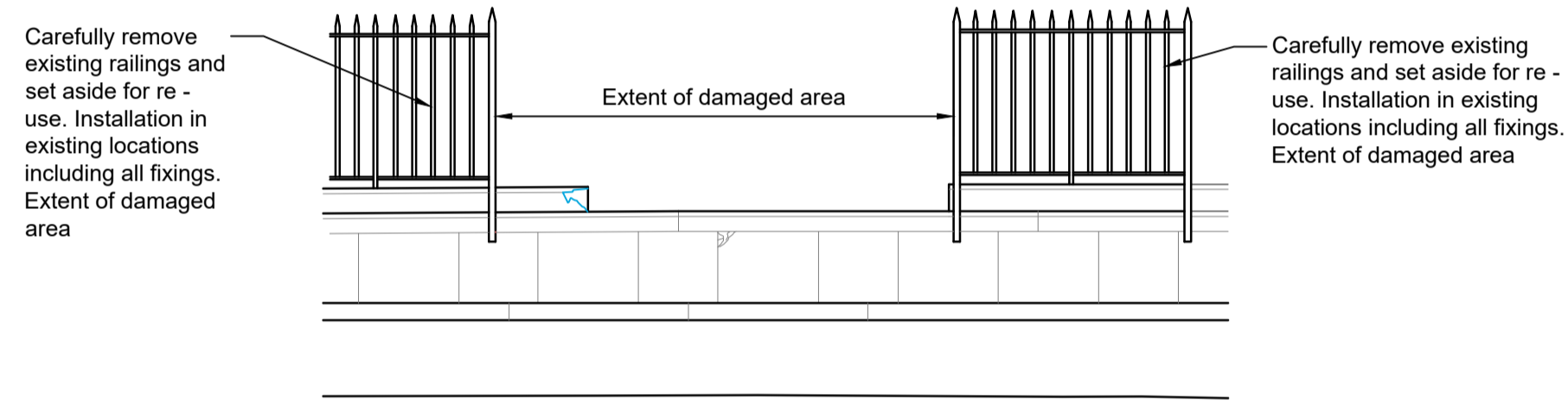


Existing Lower Ground Floor Footprint

Scale 1:50 @ A1



Elevation 1
Datum: 19.00m.



Elevation 2. Existing internal elevations to lightwell showing localised damage to stone
Datum: 19.00m.

Existing Elevations of Damaged Areas

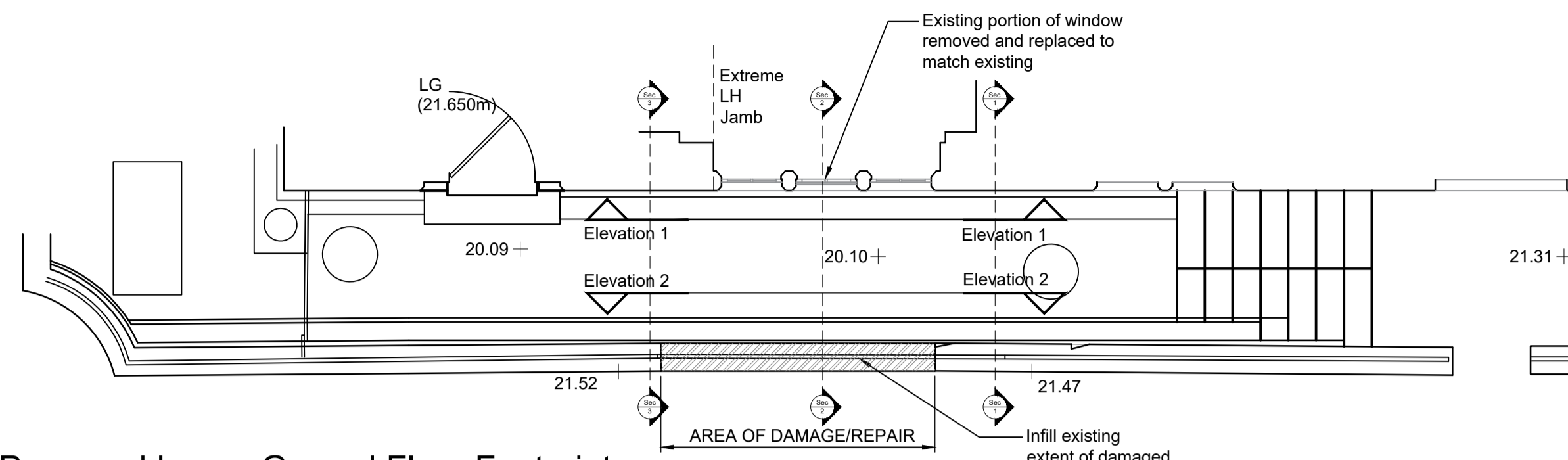
Scale 1:50 @ A1



Existing Sections of Damaged Areas

Scale 1:50 @ A1

Existing Extent of Damaged Areas



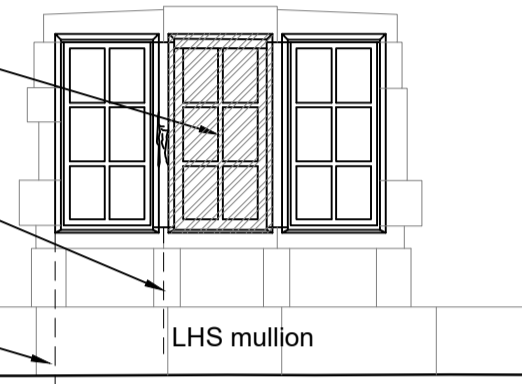
Proposed Lower Ground Floor Footprint

Scale 1:50 @ A1

Existing portion of window removed and replaced to match existing

Carefully cut out the defective stone to the LHS mullion, where the surface has been damaged to a depth not exceeding 20mm. Reform the repair in a suitable Portland Stone Specialist Repair Mortar, repair size 260x400mm.

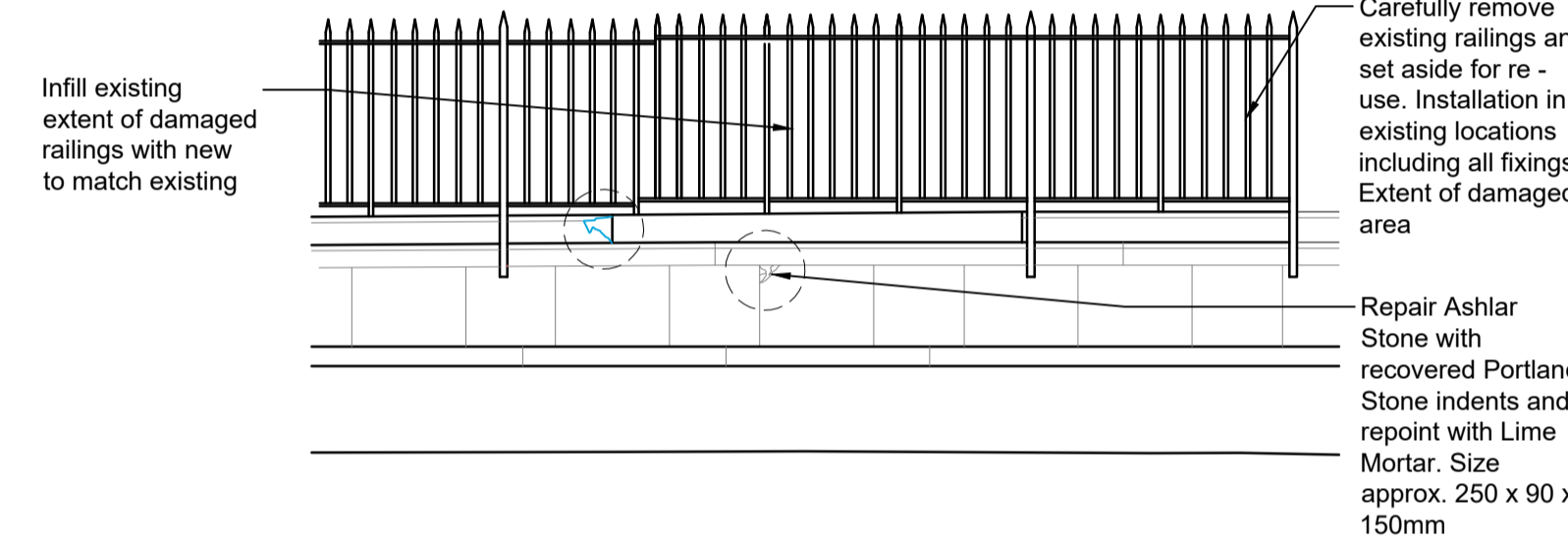
Carefully cut out the defective stone to the quoin stone to the extreme LHS jamb, where the surface has been damaged to a depth not exceeding 20mm. Reform the repair in Portland Stone Specialist Repair Mortar, repair size 280x380mm.



Elevation 1 - Window Repairs
Datum: 19.00m.

Window repairs

- Carefully rub down areas of light surface paint deposits where located on face of the stone with a wet Carborundum block to remove paint from face of stone work
- Carefully install 2 no secret stainless steel pin fixings bedded in epoxy resin. Make good with Portland Stone - Jordan base bed mortar repair.
- Rake out by hand existing joints to both Mullions following the structural repairs, and repoint in lime mortar mix.
- Existing central portion of window removed. Care to be taken when removing fixings from stonework
- New fixed metal central casement window installed in existing opening.
- New toughened glass heat soaked glass installed - single glazed beading to match existing.
- Steel profile window to match existing.



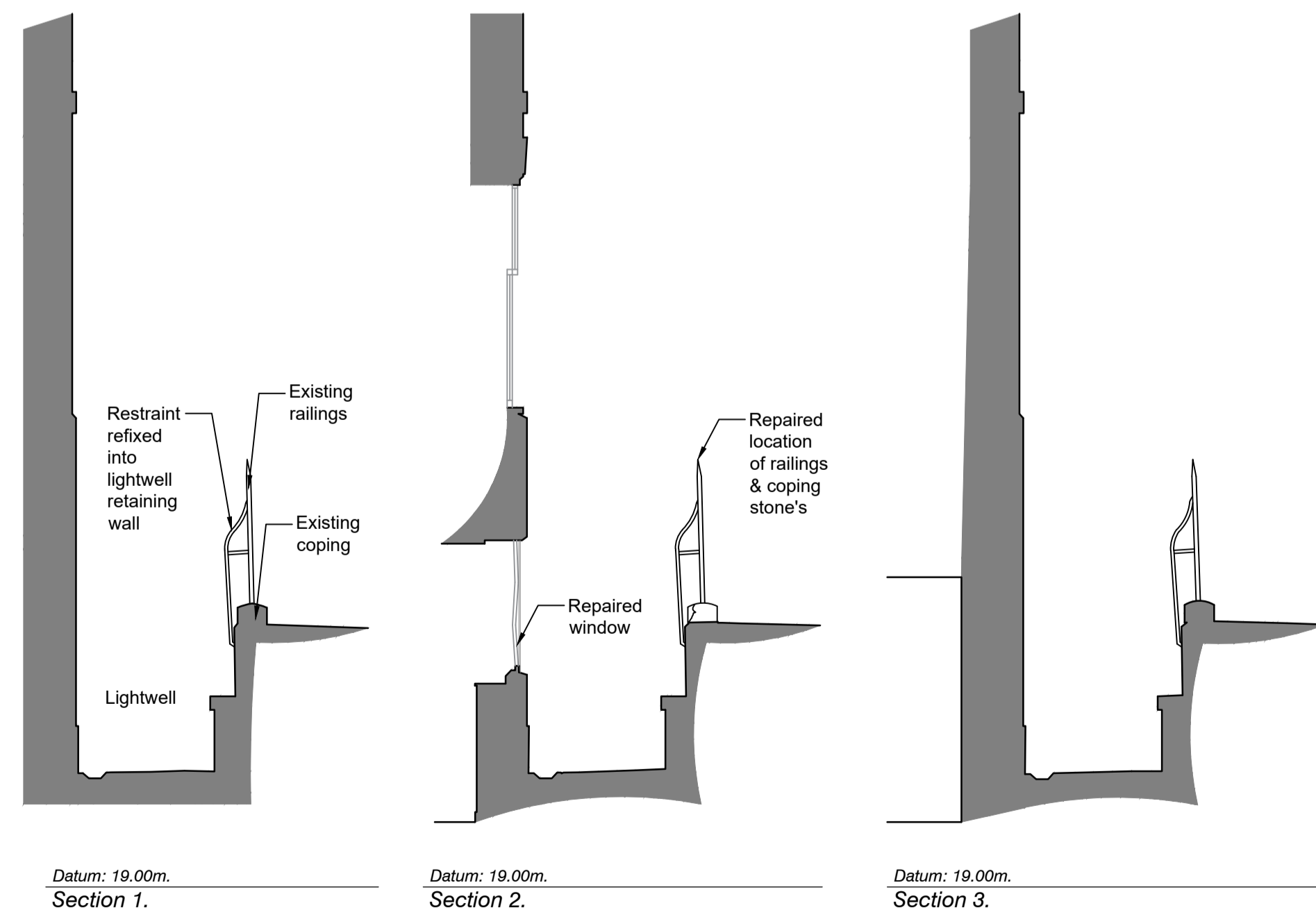
Elevation 2 - internal elevations to lightwell showing localised damage to stone
Datum: 19.00m.

Railings/ coping stone and plinths

- Take down and set aside existing railings to the left hand, and right hand side of the damaged area. Protect and store.
- Record position of damaged Portland Stone plinth, on survey record drawing
- Carefully take up existing Portland Stone plinth, lift and realign with existing pavement (12 no sections average size 921mm long)
- Form 2 new sections of Portland Stone plinth (total length 1375 x 277 x 203mm)
- Form new sockets in Portland Stone to accommodate the railings. Pockets to match existing locations, and fixings to be grouted into the pockets with epoxy resin.
- Carefully rub down railings by hand, apply 1 no. metal primer, 1no undercoat, and 2 no coats gloss to match existing.
- Coping stones to be secret pinned to substrate using 2 no stainless steel pins to outside and inside, grouted into sub strate with epoxy resin.
- Rake out and repoint perp ends and bed joints using lime sand mortar mix.

Proposed Elevations of Damaged Areas

Scale 1:50 @ A1



Proposed Sections of Damaged Areas

Scale 1:50 @ A1

Proposed Remedial works to Damaged Areas

NOTES

1. THIS IS AN A1 DRAWING, IF REPRODUCED IN ANY OTHER FORMAT THE SCALE SHOWN WILL BE INCORRECT.
2. DO NOT SCALE OFF THIS DRAWING.
3. ANY AMBIGUITIES, OMISSIONS AND ERRORS, OR INCONSISTENCIES WITH OTHER DOCUMENTS, ON THIS DRAWING SHOULD BE NOTIFIED IMMEDIATELY TO THE ARCHITECT BEFORE THE COMMENCEMENT OF WORKS ON SITE.
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
5. ALL DIMENSIONS, UNLESS OTHERWISE STATED, ARE TO THE FACE OF UNFINISHED MASONRY WALLS OR TO THE FINISHED PLASTER FACE OF STUD PARTITIONS.
6. ALL DIMENSIONS ARE TO BE CHECKED ON SITE. ANY DISCREPANCIES ARE TO BE NOTIFIED IMMEDIATELY TO THE ARCHITECT BEFORE THE COMMENCEMENT OF WORKS ON SITE.
7. ALL LEVELS ARE IN METRES UNLESS OTHERWISE STATED.
8. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT AND APPARENT INCONSISTENCIES BROUGHT TO THE ATTENTION OF THE ARCHITECT.

General Notes

- Sample of mortar to be agreed on site prior to work being carried out.
- Thin bed joints utilised to match existing
- Portland stone - use pre mixed Jordans base bed Mortar repair comprising reconstituted Portland Stone
- Samples of new Portland Stone to be agreed prior to work commencing on site
- Protect all surfaces including retained sections of stone and metalwork prior to and during work being carried out on site
- Lime mortar mix to comprise: Lime NHL 3.5, and standard plastering sand

P01	22.12.17	FIRST ISSUE	TM	CP
Rev.	Date	Content	By	Ckd



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Project
Goodenough College, Repair to Facade

Drawing Title
Existing & Proposed Plan, Sections & Elevations

Scale As indicated Date 22.12.17

Drawn TM Checked CP

Drawing number 17104-A-0001 Revision P01

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