

Listed Building Consent Supporting Documents

Reinstatement & Remedial Works (Impact Damage)

Rebuilding of Porch Structure

White Hart Inn, Ford, Chippenham.

Rev. B - Consent Submission
Jun 2026

Ref: S6070



Marshall Byrne Architecture Ltd
Chartered Surveying & Historic Building Consultancy

41a High St., Cowbridge, Vale of Glamorgan, CF71 7AE • ask@marshallbyrne.com

Table of Contents

6070-T-01 Annotated Photographs / Existing Arrangement Record 1 of 5

6070-T-02 Annotated Photographs / Existing Arrangement Record 2 of 5

6070-T-03 Annotated Photographs / Existing Arrangement Record 3 of 5

6070-T-04 Annotated Photographs / Existing Arrangement Record 4 of 5

6070-T-05 Annotated Photographs / Existing Arrangement Record 5 of 5

6070-T-06 Existing Ground Floor Plan (Partial / Relevant)

6070-T-07 Proposed Ground Floor Plan (Partial / Relevant)

6070-T-08 Existing & Proposed Front Elevation (Extent Shown)

6070-T-09 Proposed Detailing - Front Elevation

6070-T-10 Proposed Detailing - Side Elevations

6070-T-11 Construction Details - Plan

6070-T-12 Section A - Construction Section through porch

6070-T-13 Section A - Detailing Section through porch

6070-T-14 Section B - Construction Section through porch

6070-T-15 Section C - Construction Section through porch

Statement of Significance / Location Plan by others



Project	Reinstatement & Remedial Works (Impact Damage)
Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Table of Contents

Scale NTS

Drawing No. 6070-T-ToC

Revision. -

Issue Date Jun 2026

Page Format. A3



Pic:1 Highway facing elevation of The White Hart. The photograph was taken at the time on inspection on 13th May 2026. The plywood hoarding is enclosing the area of impact damage caused by vehicle collision.



Pic:2 Internal view of the affected area inside the protective hoarding enclosure. The outline of the porch structure that was severely damaged by the impact is visible on the face of the main wall. The debris of the structure following collapse has been removed. The 'footprint' of the structure remains, as the walls below ground were left in place. The dimensions used as the basis for reconstruction have been taken from the remaining elements and the marks left on the building face. Highlighted area for rebuilding (details shown in separate document). Refer in conjunction Pic.5 - Pic.10.

The step into the building from the porch (30-35mm) could be lost by incorporating a slight fall in the floor screed / finish, which would enhance accessibility. The door opening width of 960 mm (less the frame width, will remain as is.

It is thought that the original structure had a door in the outer porch opening that opened inwards, whereas the internal opening door opens outwards (fire escape door) . This would be problematical from an accessibility aspect. We would propose to omit the internal door altogether. Alternatively the door could open in and be fixed open by a stay during opening hours, or have the door swung so that it opens outward (increases accessibility limitations).



Project	Reinstatement & Remedial Works (Impact Damage)
Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Photographic Record 1 of 5	
Scale	NTS
Drawing No.	6070-T-01
Revision.	-

Issue Date	May 2026
Page Format.	A3



Pic.3 An image of the elevation shown in Pic.1 prior to the damage event (Google Images 2025). The porch structure outlined.



Pic.4 Further to the preceding image, - The Side elevation is shown here (Google Images 2025). Visible element in this image include:

- Stone tiled roof covering in a diminishing gauge.
- Fascia board at eaves
- Side of profiled stone corbelled head
- Random rubble effect side wall
- Stone window opening surround
- Casement window with top opening sash



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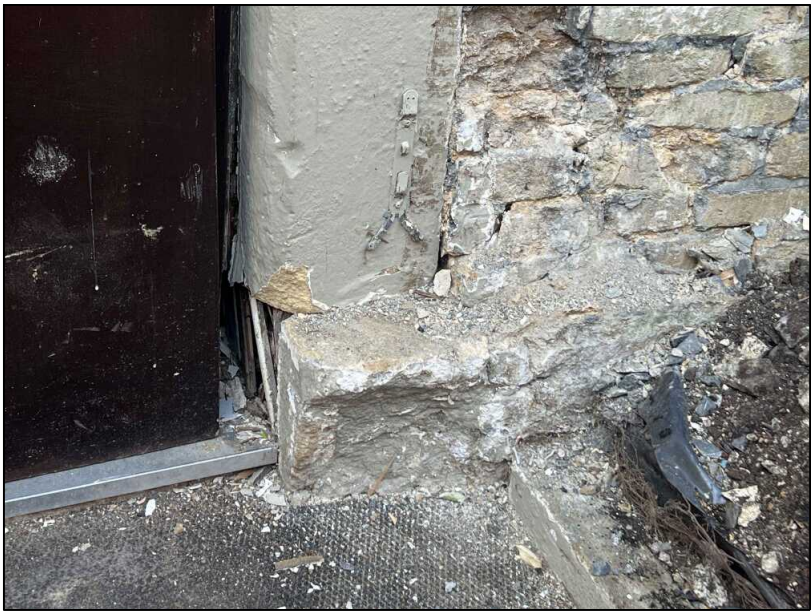
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Site Address	White Hart Inn, Ford, Chippenham
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Purpose / Stage	Draft Detail

Photographic Record 2 of 5	
Scale	NTS
Drawing No.	Revision.
6070-T-02	-

Issue Date	May 2026
Page Format.	

A3



Pic.5 The walls above ground are displaced in an area of approximately 1.3 metre wide. The impact has caused the walls to shear in a horizontal plane, moving the stone opening surround and the stone wall of the face of the main building by 100 mm or so. This area of wall will need to be dismantled and rebuilt, with temporary support required.



Pic.6 The wall to the left side of the opening is not exhibiting any significant damage. The position of the porch structure wall is clearly visible. There does not appear to be have been any mechanical tie between the porch structure wall and the main walls.



Pic.7 At the head of the opening there is a cut stone lintel beneath a stress relieving arch (or formerly there was a wider opening). The lintel has cracked and its structural capacity is no longer sufficient as a result.



Pic.8 The substructure remains in-situ. The flank walls are 100 mm thick (plus the thickness of the cladding of approx 25mm). The front walls are 200 mm thick. The area has a covering of carpet over a screed and tile floor surface, sitting presumably above a concrete slab.



Pic.9 The area has a covering of carpet over a screed and tile floor surface, sitting presumably above a concrete slab. The walling blocks can be seen to be a concrete mix using natural stone aggregate.



Pic.10 The ground area surrounding the porch structure is of random shaped natural stone laid upon and jointed in a cement mortar - 'crazy paving'. Excavation of the existing substructure will require some removal and reinstatement of this surfacing.



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Site Address **White Hart Inn, Ford, Chippenham**

Client **Dale Maintenance**

Purpose / Stage **Draft Detail**

Photographic Record 3 of 5

Scale **NTS**

Drawing No.

6070-T-03

Revision.

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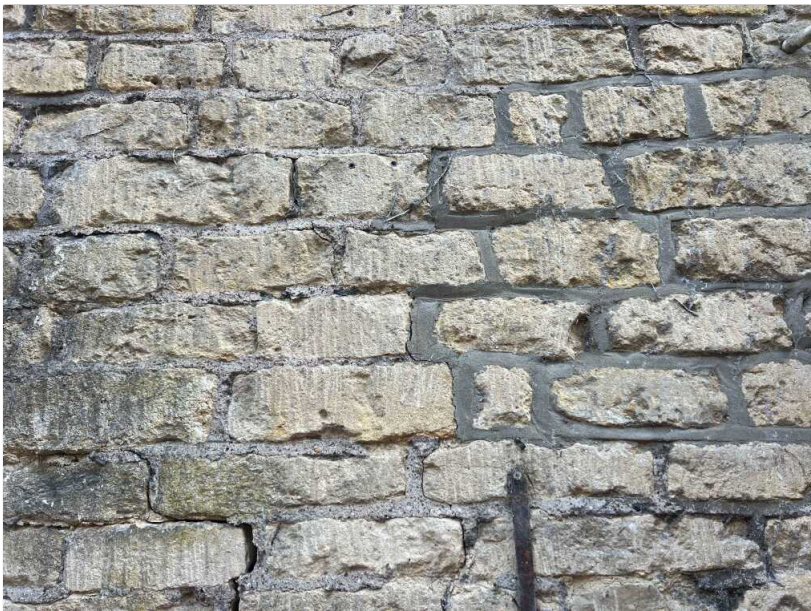
Issue Date **May 2026**

Page Format.

A3



Pic.11 A section through the wall is exposed following removal of the damaged walling. A block at the right side quoin is broken, exposing its core, which is a concrete mix using a coarse natural stone aggregate. The external wall face to the front and around 150mm of the side has been rendered. (These are not stone faced blocks)



Pic.14 An area of the face of the main building walls to which the porch structure abuts is shown here. The wall is composed of cropped natural Cotswold stone (which would have been quarried fairly locally). There is a mixture of lime mortar and cement mortar in the joints, the latter being some re-pointing work that is no longer considered appropriate.



Pic.12 Some of the masonry from the demolition arisings was set aside. The external face of the 'random rubble effect stone' can be seen to be a two coat render that has been applied to the block walls, which has has some colouring added. The joints have been scribed and 'pointed' in a cement mortar. This finish is an attempt to replicate the appearance of the main building walls to which this structure abuts.



Pic.15 A close view of the mortar typical of the external elevation (there are other variants, but this is thought to be the most common). This is a lime based mortar with inclusions. This mortar is the one selected for the rebuilding works. Matching this mortar is thought to be straightforward.



Pic.13 The internal face of the porch structure is a smooth plaster finish that has been coated with an oil based paint. The bed joint of the block appears to be a coloured cement mortar.



Pic.16 Mortar variants.





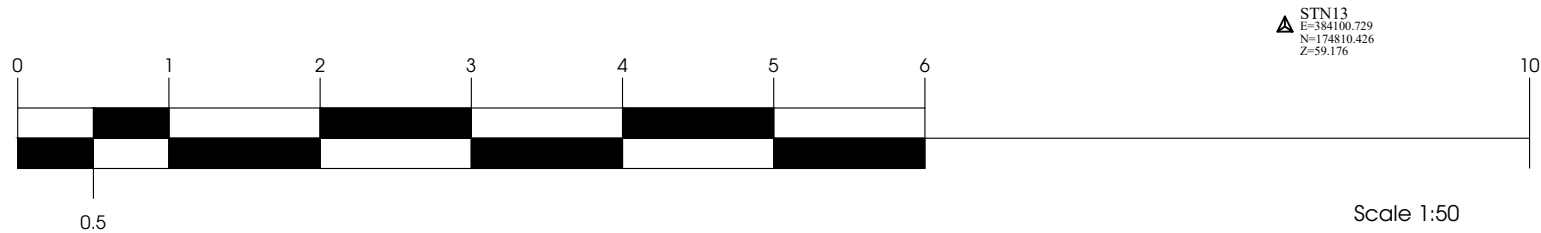
Pic.17 This elevation of the building had two projections, the one to the left side now removed following extensive damage. It has been suggested that the composition of the damaged porch was inferior to the surrounding elements, in that the stone effect was a render, the blocks were concrete and suchlike. The preference for rebuilding was that natural 'real' stone be considered in the design.

External stone wall construction of period buildings such as this one would not have a 100mm thickness. As it would be impracticable to have a natural stone smooth block interior and a cropped stone wall exterior - within a wall thickness of 125mm overall (including the render affect stone), it is proposed that the walls be thickened to accommodate two materials - with an overall thickness of 275mm. The 150 mm difference to be accommodated by increasing the overall width by 75mm per side, and reducing the internal width by 75mm each side.

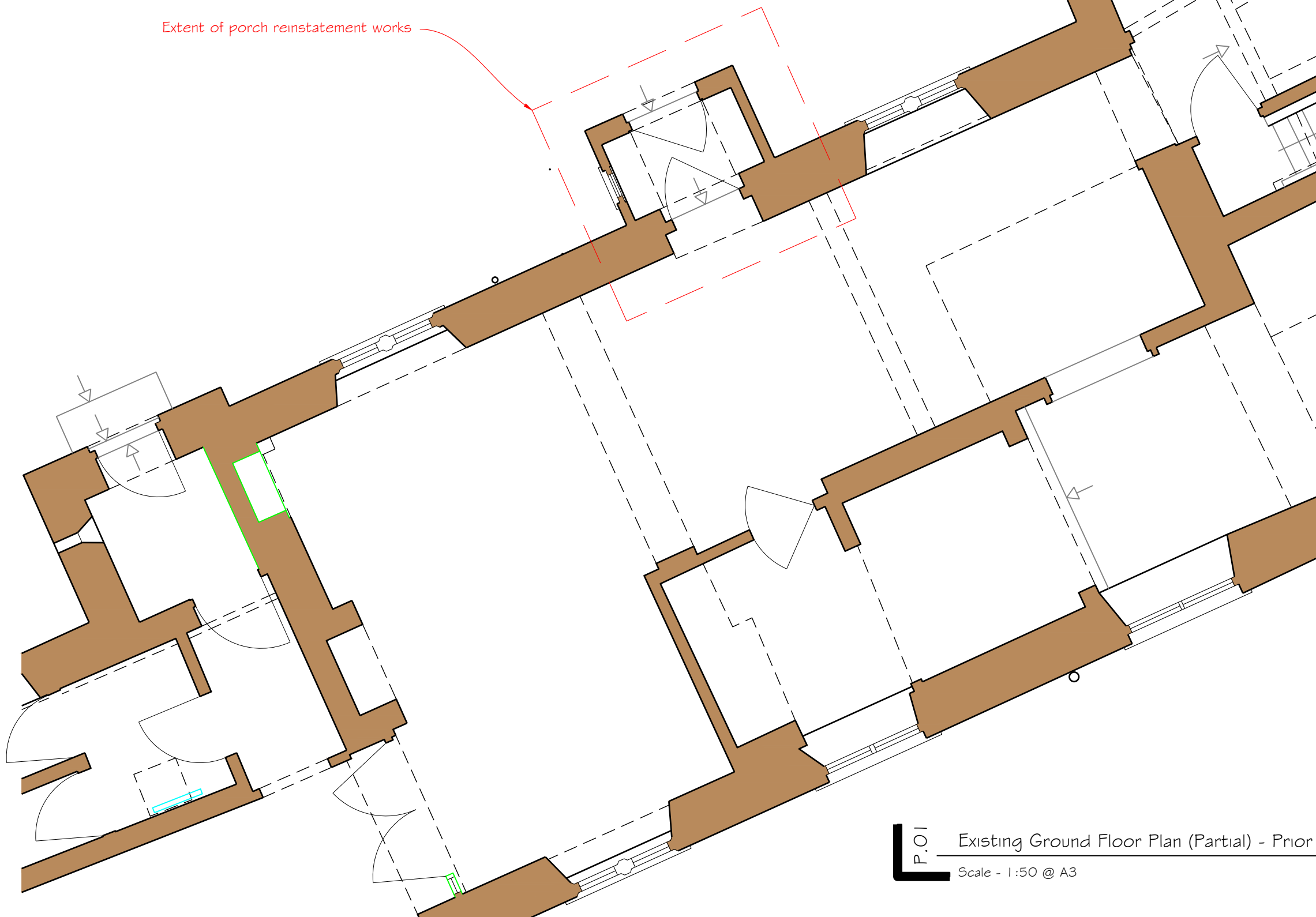
Taking some design / appearance elements from the existing projection to the right side, shown in Pic.18.2 - the direction of the rebuilding to be considered by the Conservation Officer on their individual merits, and subsequent alterations to the initial proposals to be incorporated if desired.



Pic.18 The proposal detailing has borrowed elements of construction from the adjacent projection shown here.



Extent of porch reinstatement works



P.O.I
Existing Ground Floor Plan (Partial) - Prior to Collision Event
Scale - 1:50 @ A3



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Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Existing Ground Floor Plan (Partial / Relevant)

Scale 1:50

Issue Date May 2026

Drawing No.

Revision.

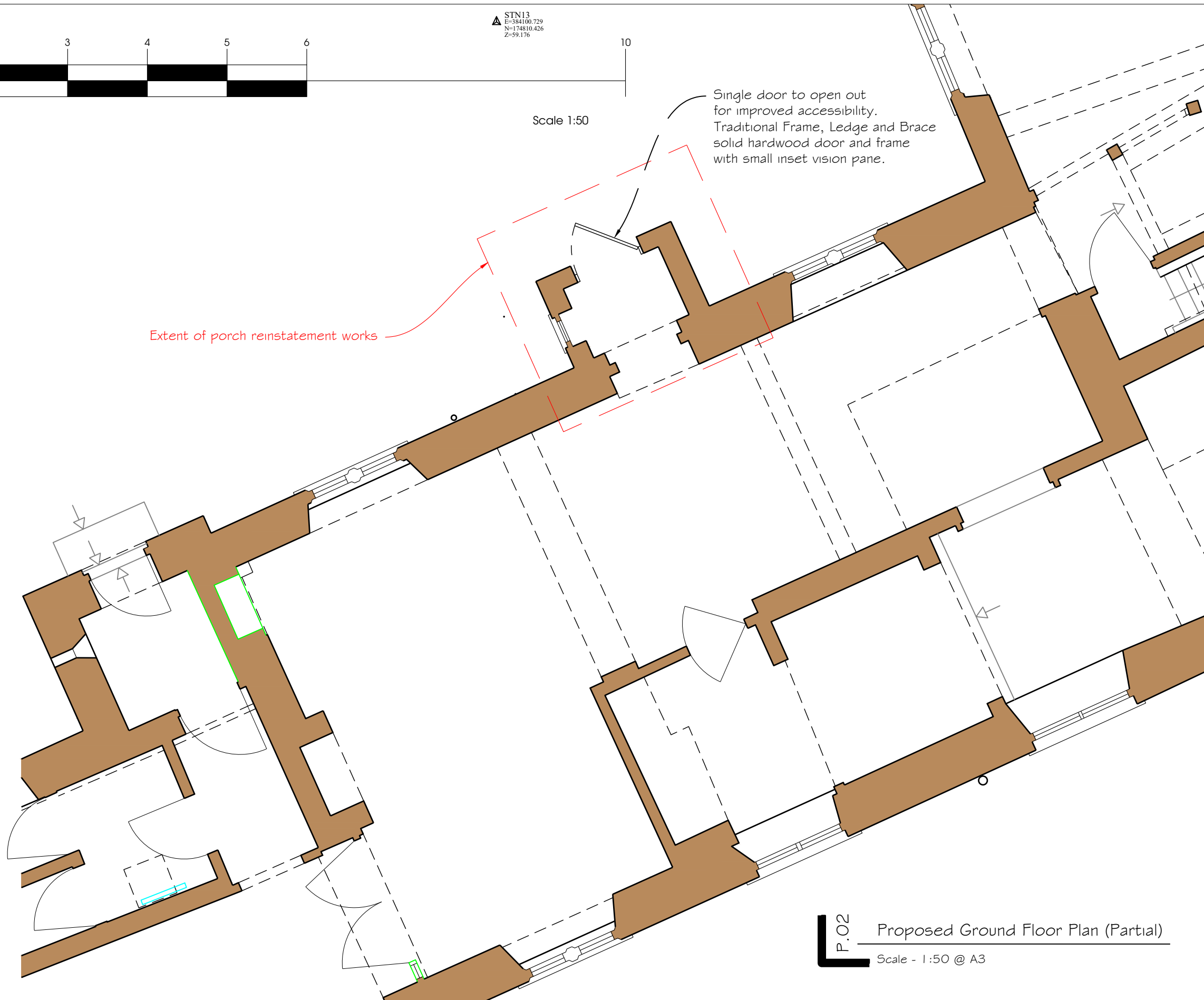
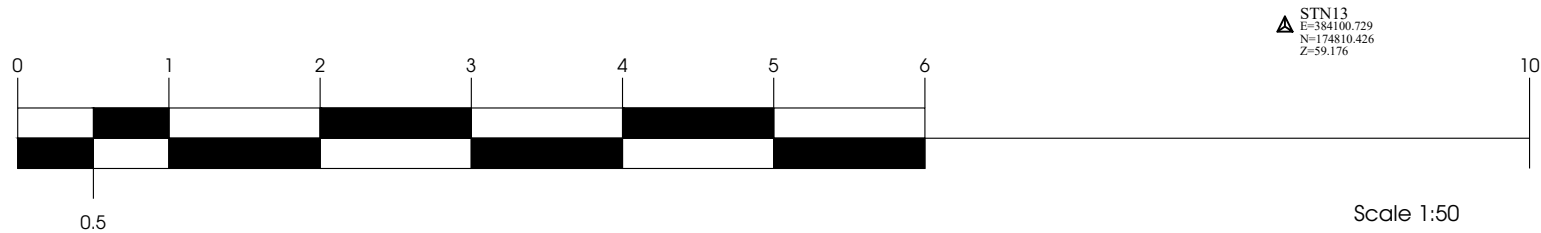
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6070-T-06

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A3

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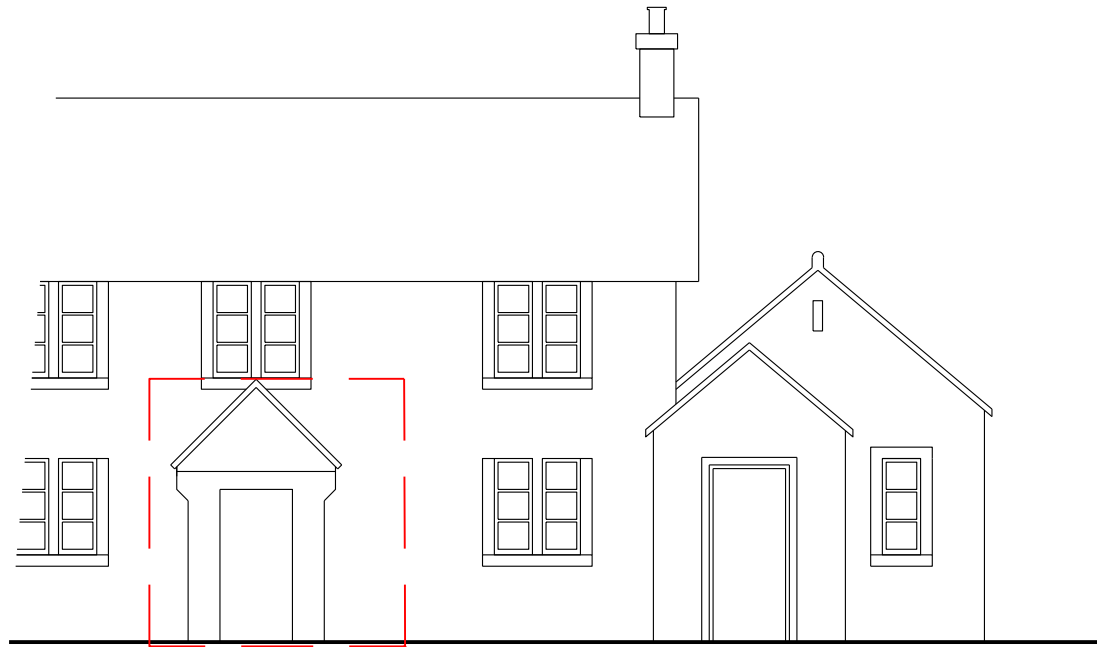


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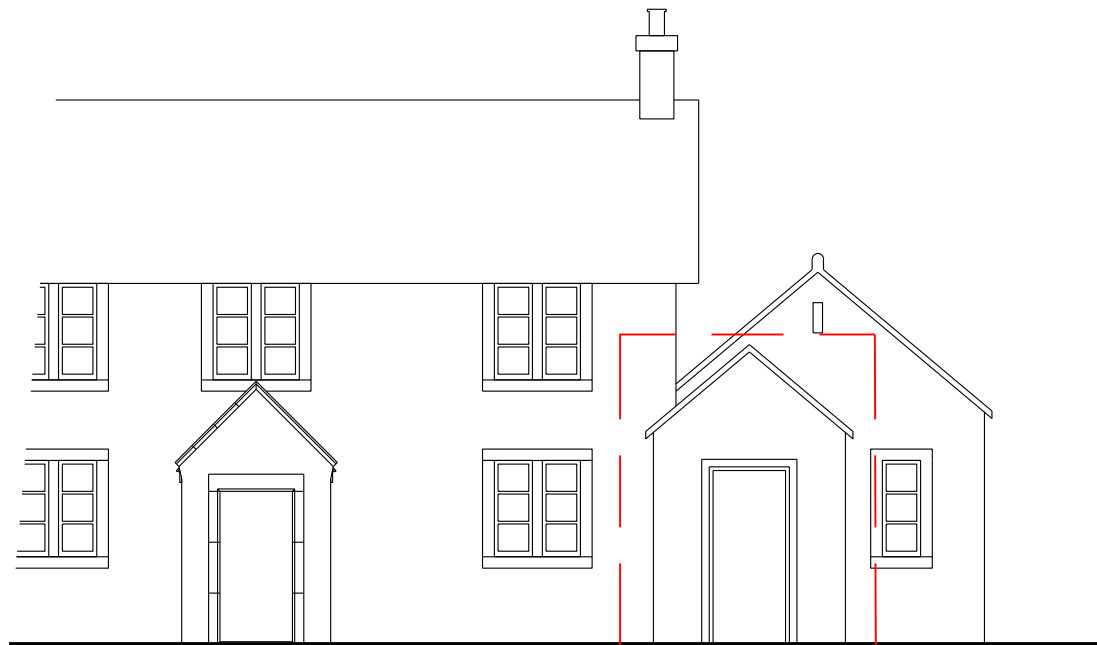
Project	Reinstatement & Remedial Works (Impact Damage)
Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Proposed Ground Floor Plan (Partial / Relevant)		
Scale 1:50	Issue Date May 2026	
Drawing No.	Revision.	Page Format.
6070-T-07	-	A3



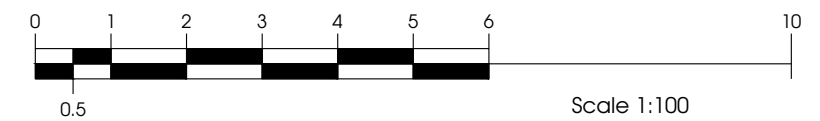
E.01
Front Elevation As Existing
Scale - 1:100 @ A3

Extent of Rebuilding Works



E.02
Front Elevation As Proposed
Scale - 1:100 @ A3

Existing elements of adjacent remaining projection
detailing incorporated into reinstatement



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Site Address **White Hart Inn, Ford, Chippenham**

Client **Dale Maintenance**

Purpose / Stage **Draft Detail**

Existing & Proposed Front Elevation (Extent Shown)

Scale **1:100**

Issue Date **May 2026**

Drawing No.

Revision.

Page Format.

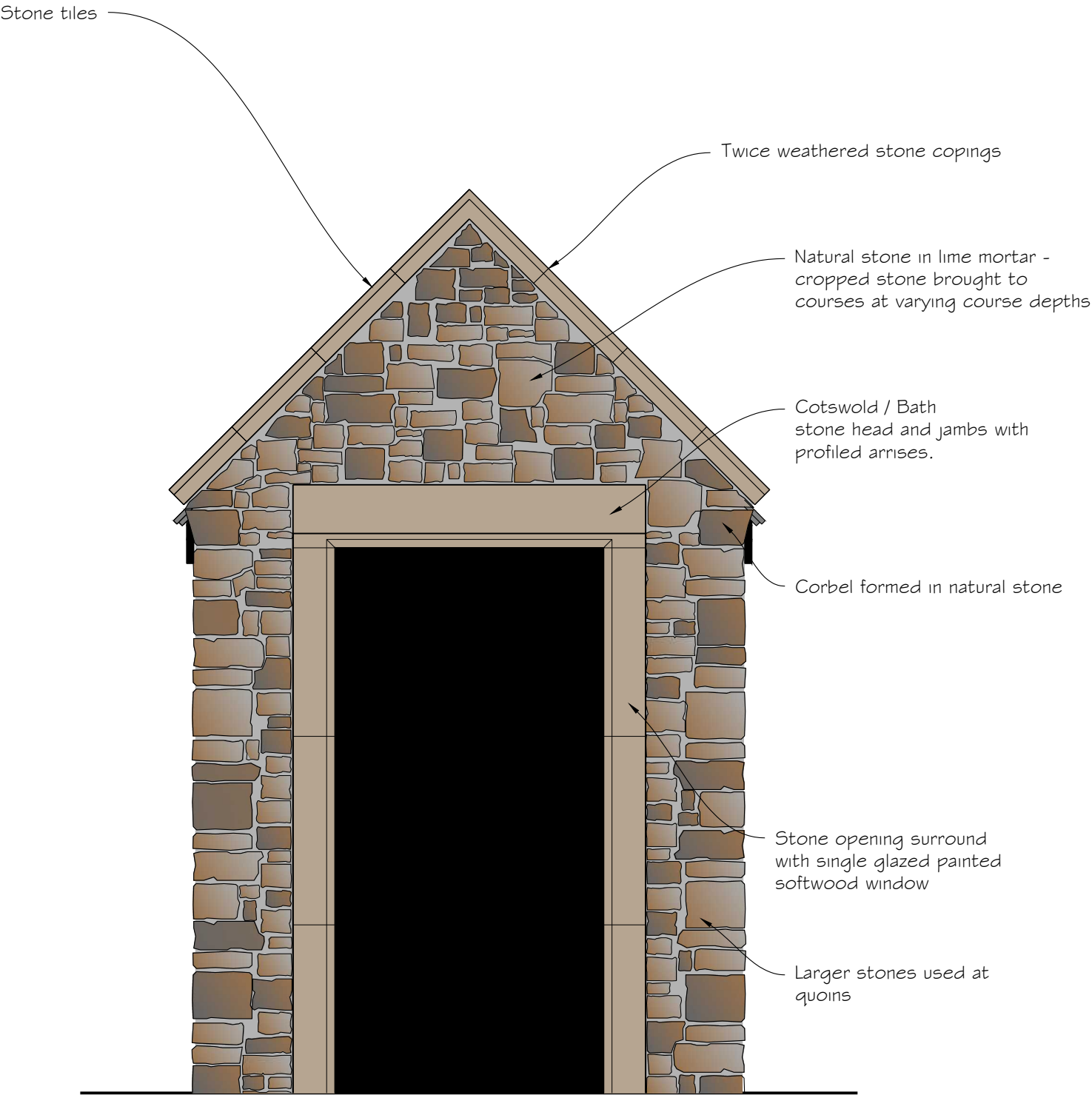
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FRONT



D.O.I Front Elevation Detail Illustration as Proposed
Scale - 1:20 @ A3

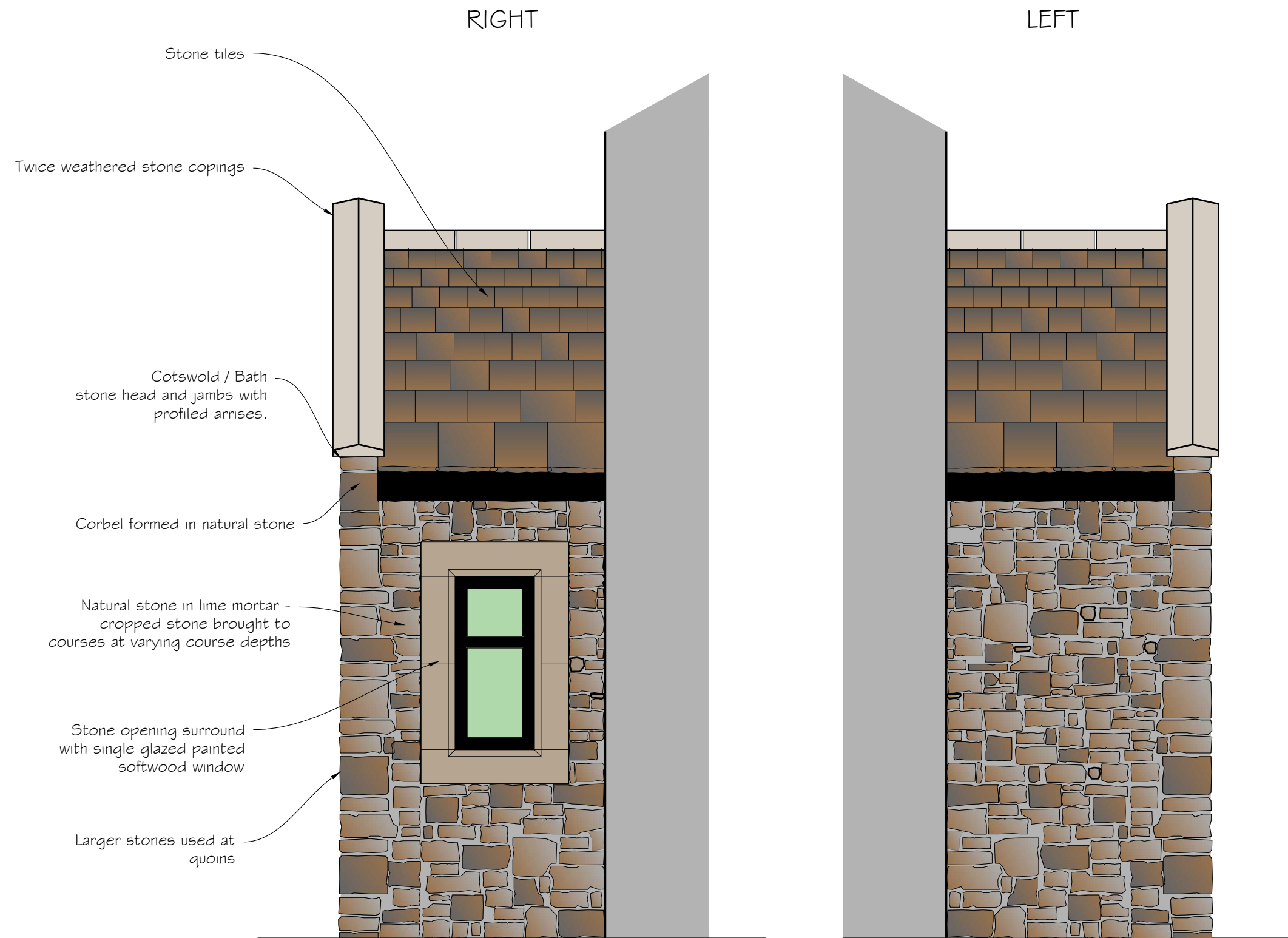


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Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Proposed Detailing - Front Elevation

Scale	1:20	Issue Date	May 2026
Drawing No.	6070-T-09	Revision.	-
		Page Format.	A3



D.02 Left & Right Elevation Detail Illustration as Proposed
Scale - 1:20 @ A3



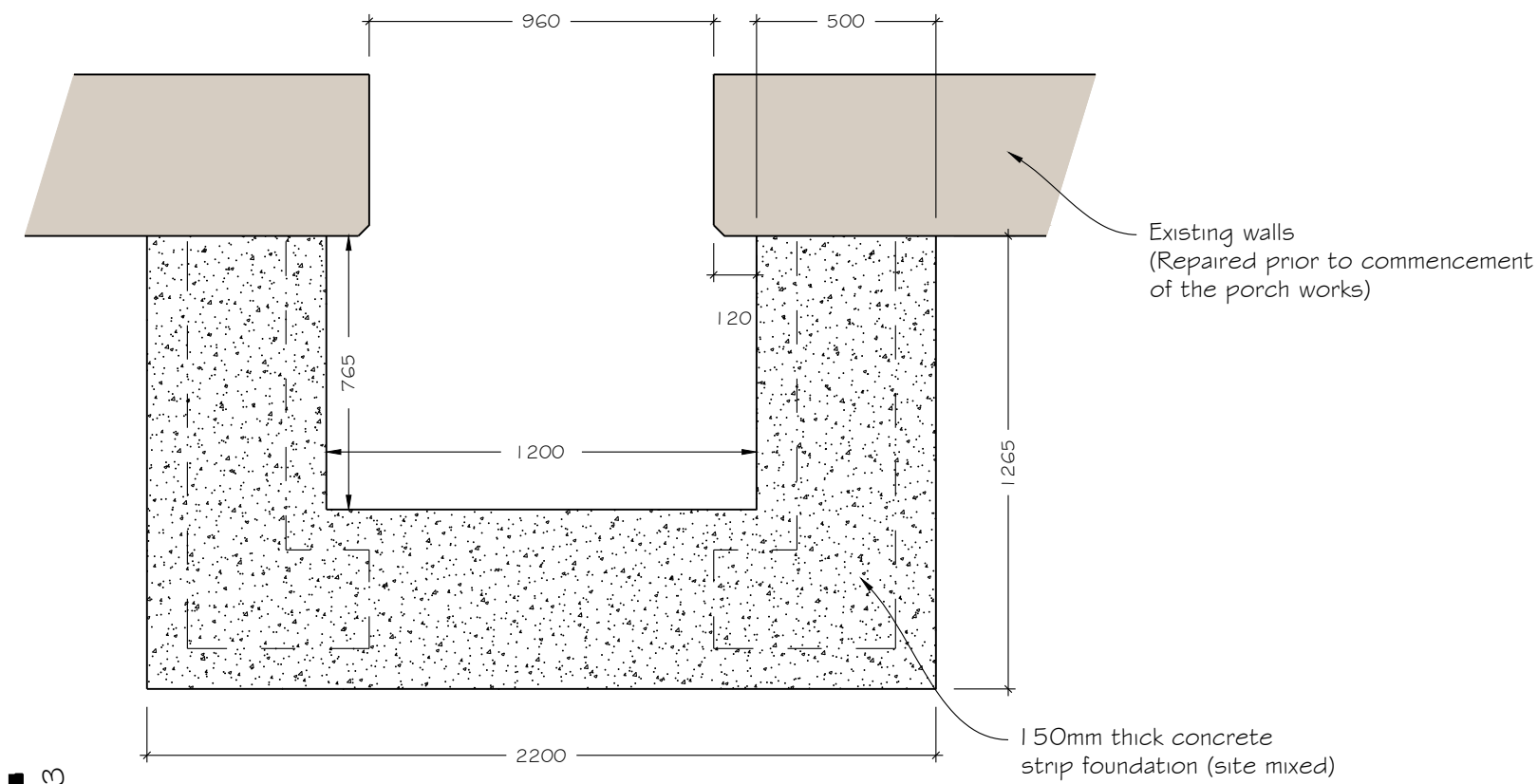
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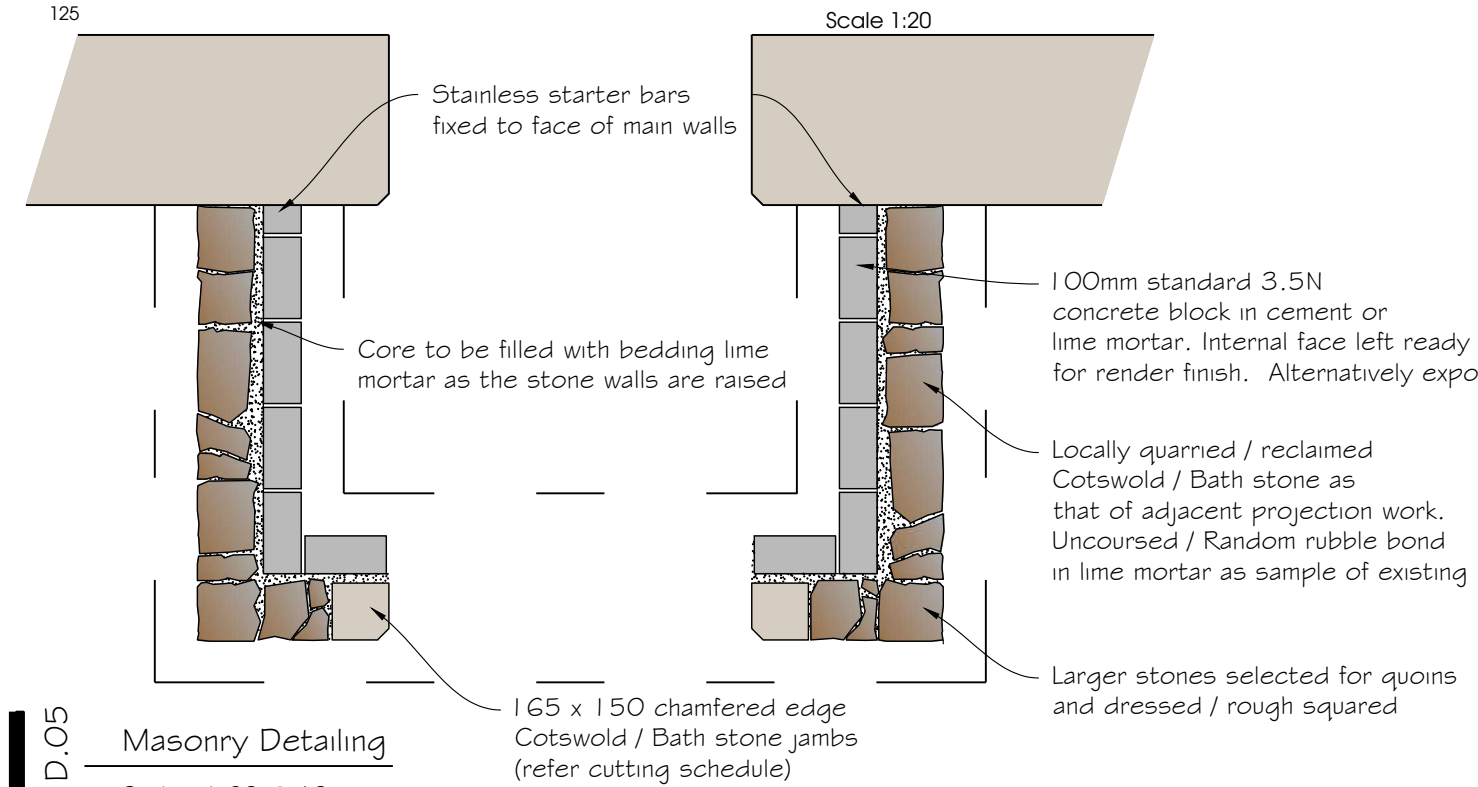
Project	Reinstatement & Remedial Works (Impact Damage)
Site Address	White Hart Inn, Ford, Chippenham
Client	Dale Maintenance
Purpose / Stage	Draft Detail

Proposed Detailing - Side Elevations

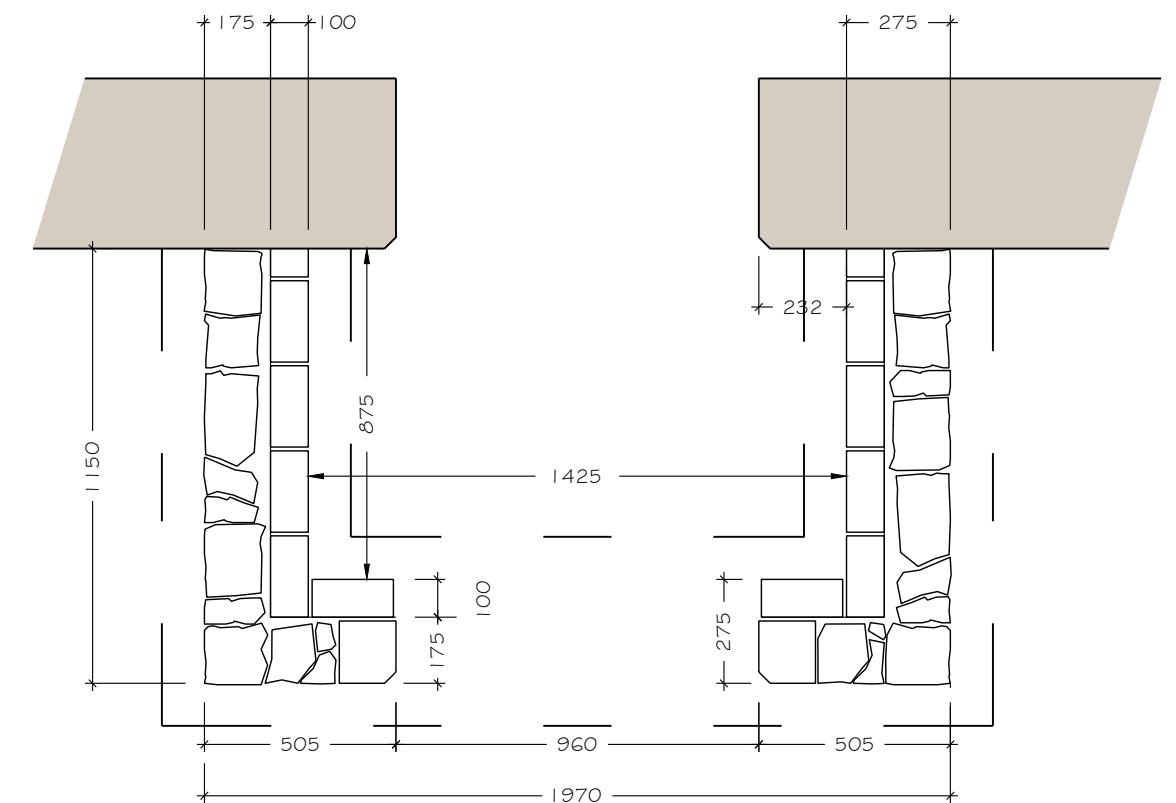
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Drawing No.	6070-T-10	Revision.	-
		Page Format.	A3



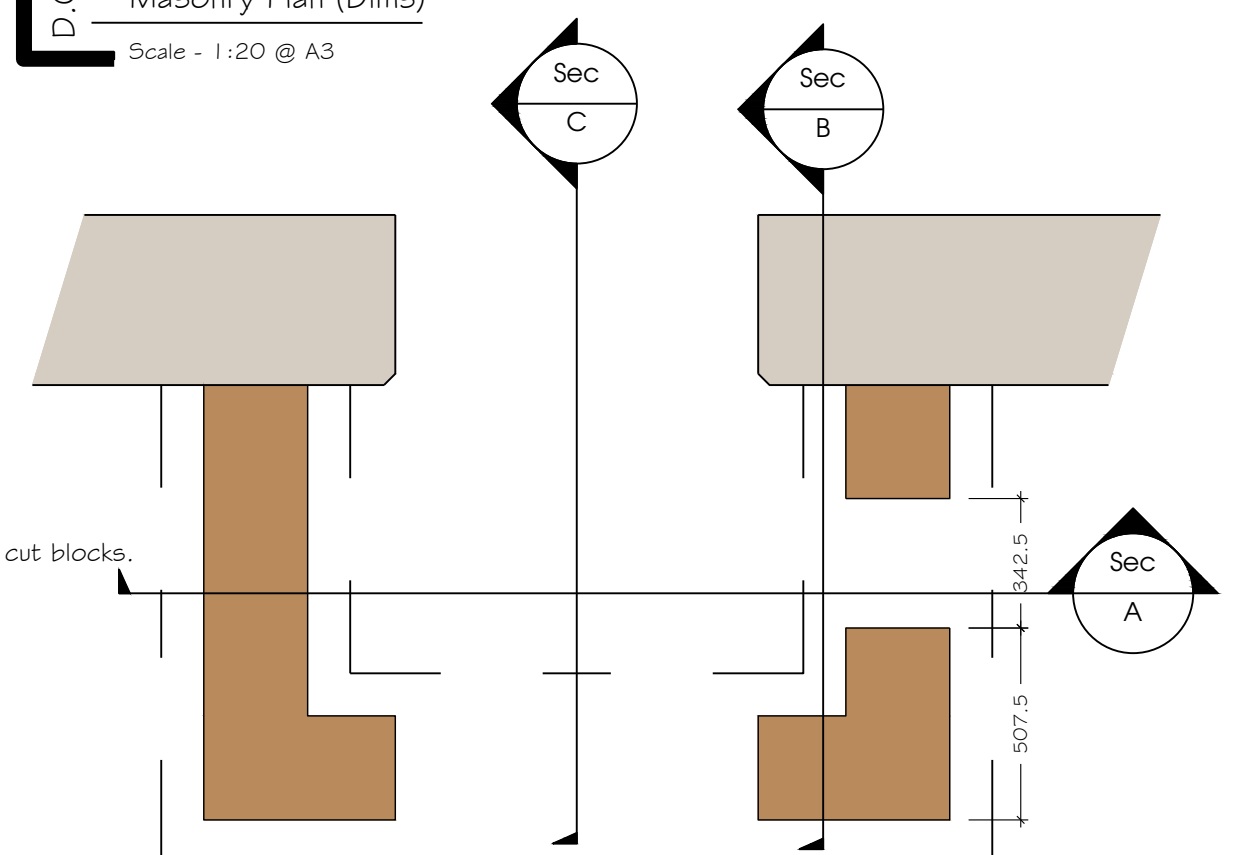
D.03
Foundation Plan
 Scale - 1:20 @ A3
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 125



D.05
Masonry Detailing
 Scale - 1:20 @ A3



D.04
Masonry Plan (Dims)
 Scale - 1:20 @ A3



D.06
Section Loc Plan
 Scale - 1:20 @ A3



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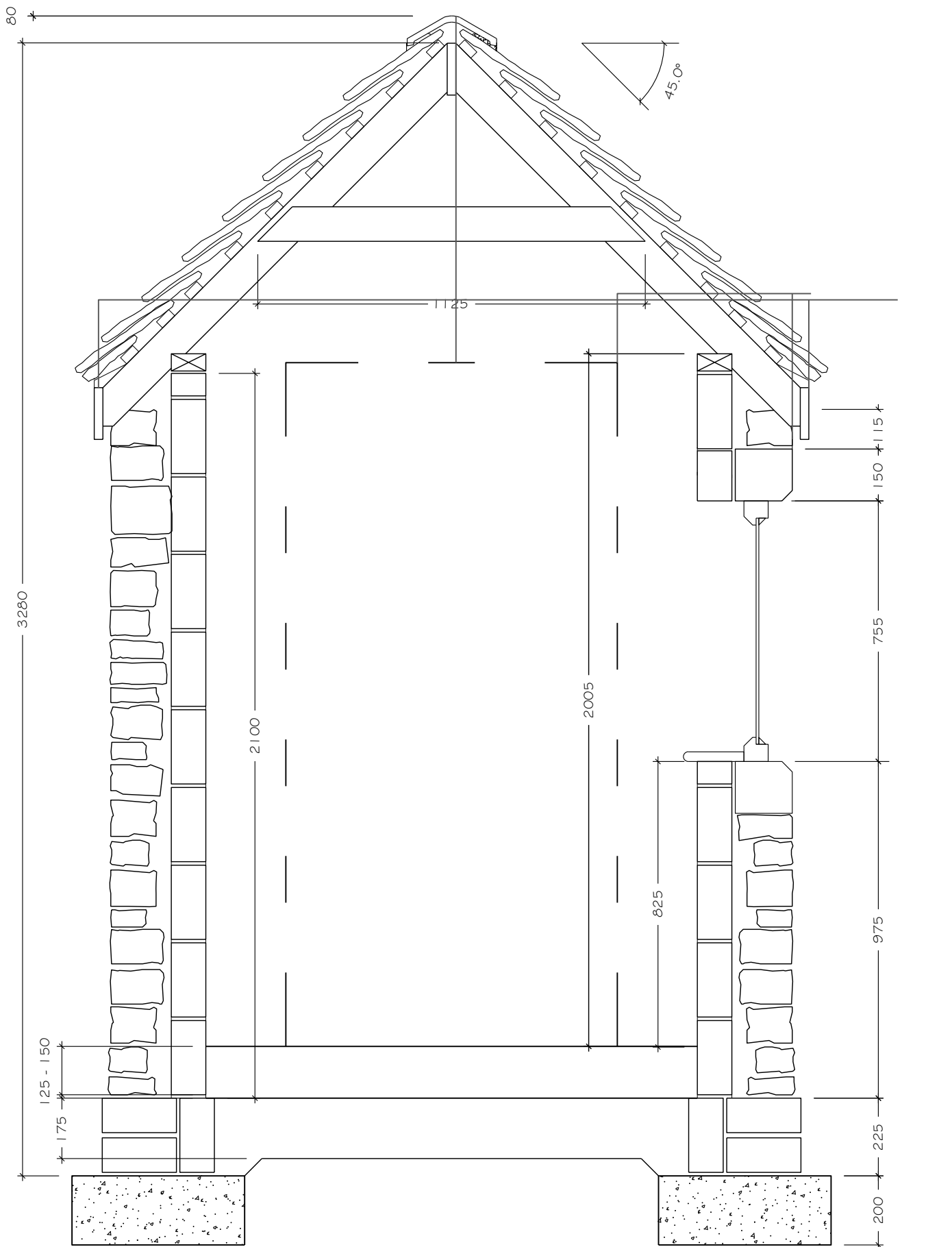
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Client	Dale Maintenance
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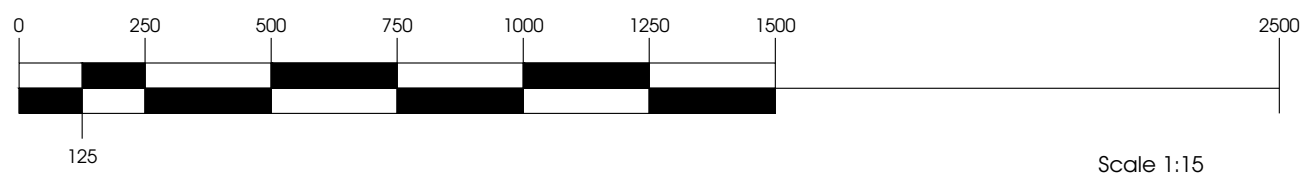
Construction Details - Plan
 Scale 1:20
 Drawing No. 6070-T-11
 Revision. -

Issue Date May 2026
 Page Format. A3

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D.07 Section A Dimensions
Scale - 1:15 @ A3



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Project **Reinstatement & Remedial Works (Impact Damage)**

Site Address **White Hart Inn, Ford, Chippenham**

Client **Dale Maintenance**

Purpose / Stage **Draft Detail**

Section A - Construction Section through porch

Scale **1:15**

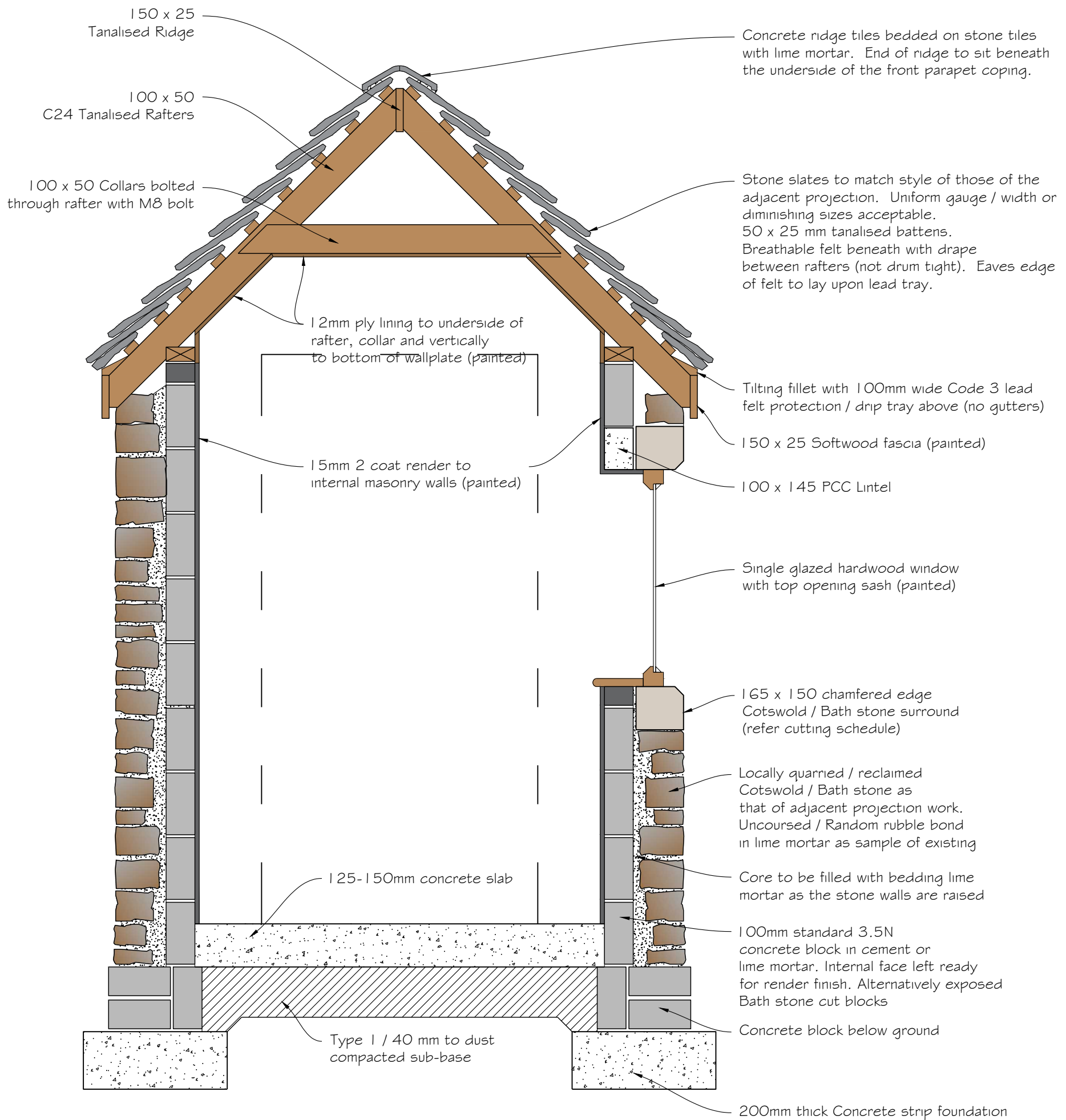
Issue Date **May 2026**

Drawing No. **6070-T-12**

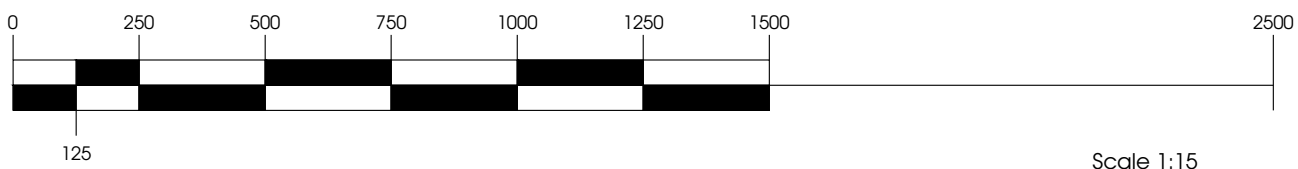
Revision. **-**

Page Format. **A3**

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D.08 Section A Details
Scale - 1:15 @ A3



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Project **Reinstatement & Remedial Works (Impact Damage)**

Site Address **White Hart Inn, Ford, Chippenham**

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Purpose / Stage **Draft Detail**

Section A - Detailing Section through porch

Scale **1:15**

Issue Date **May 2026**

Drawing No.

Revision.

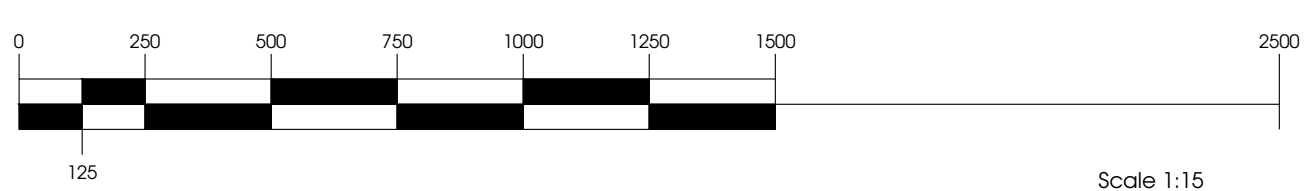
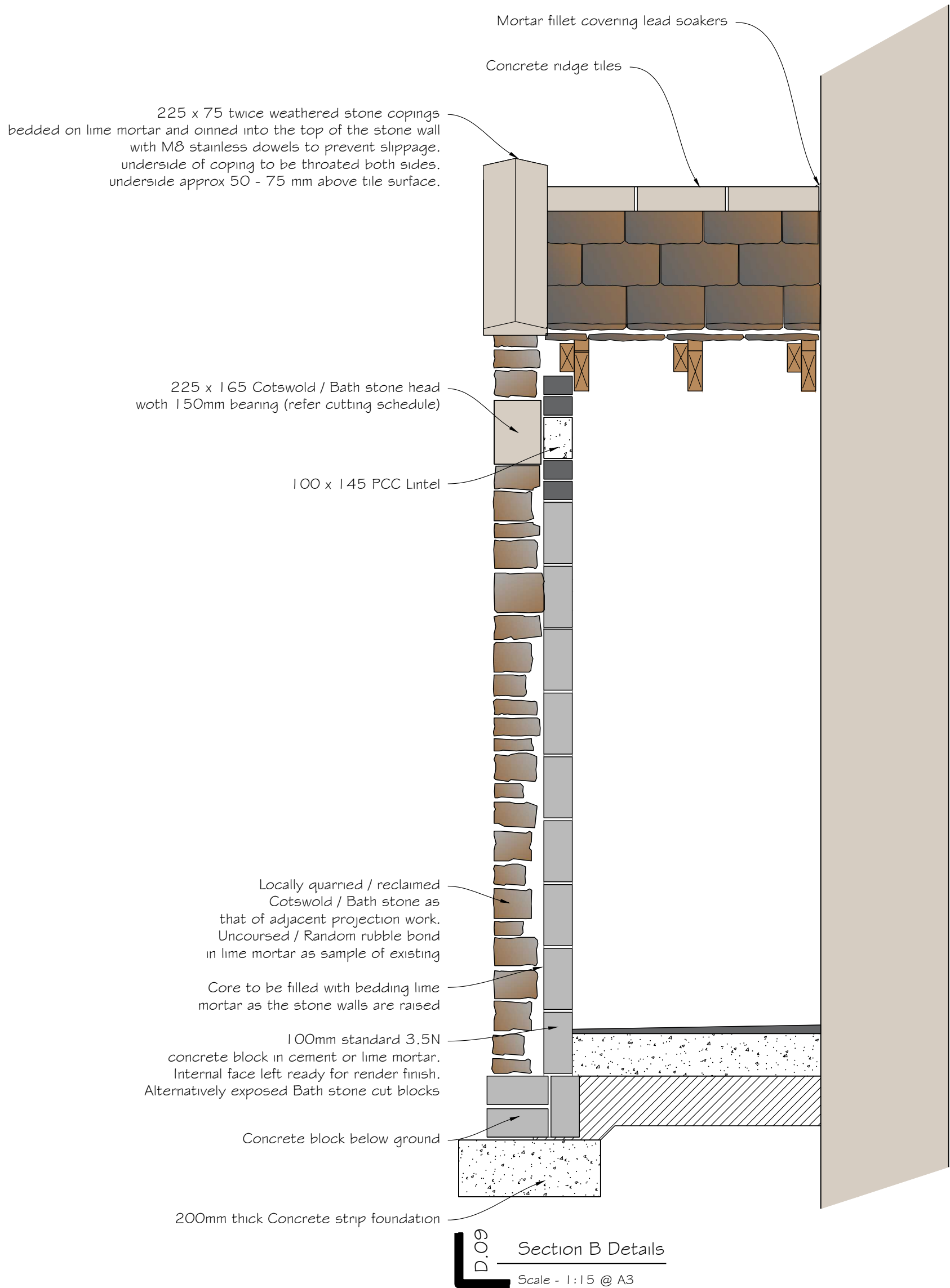
Page Format.

6070-T-13

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A3

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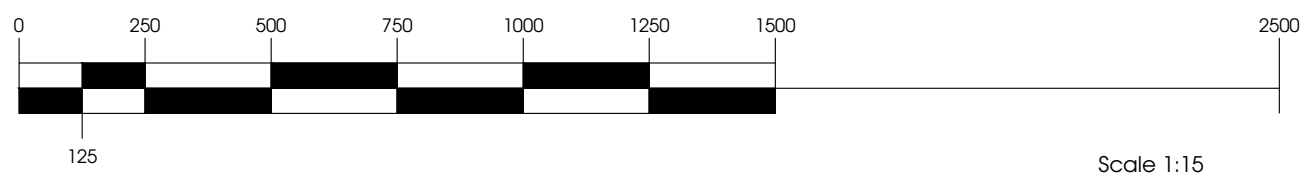
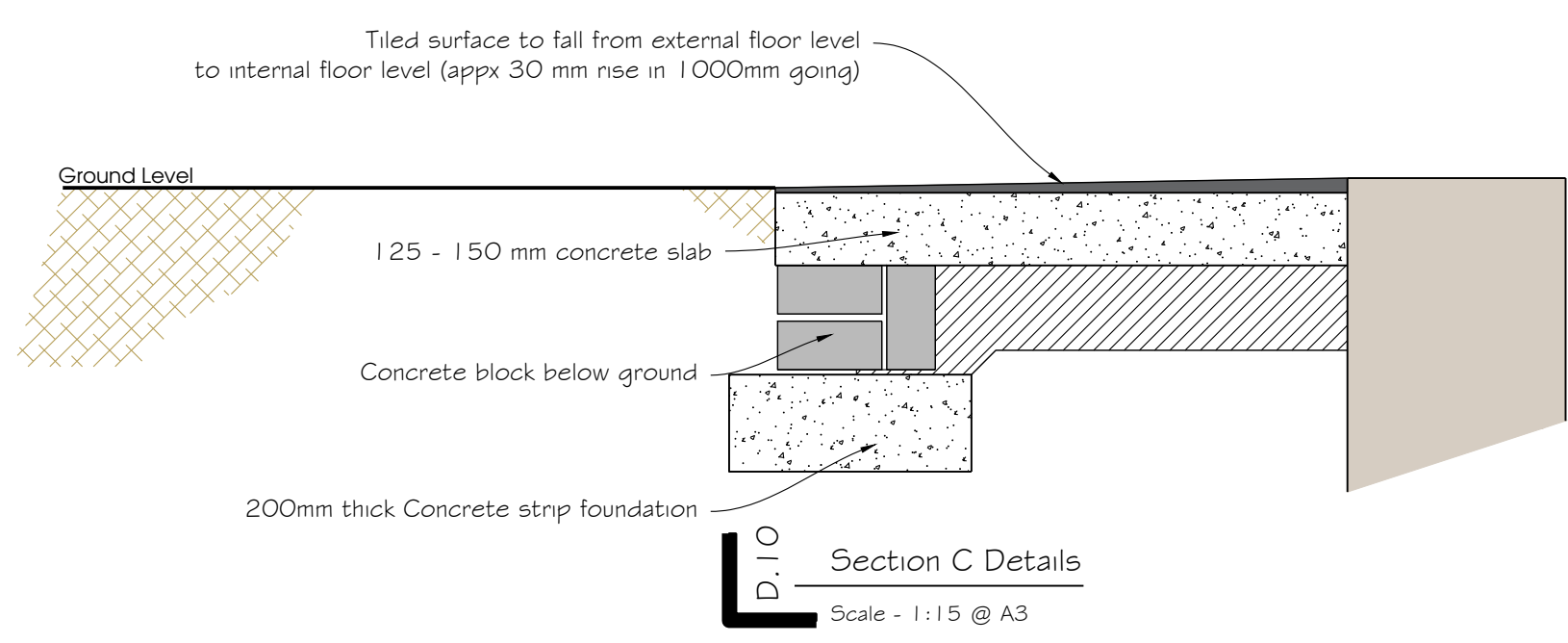
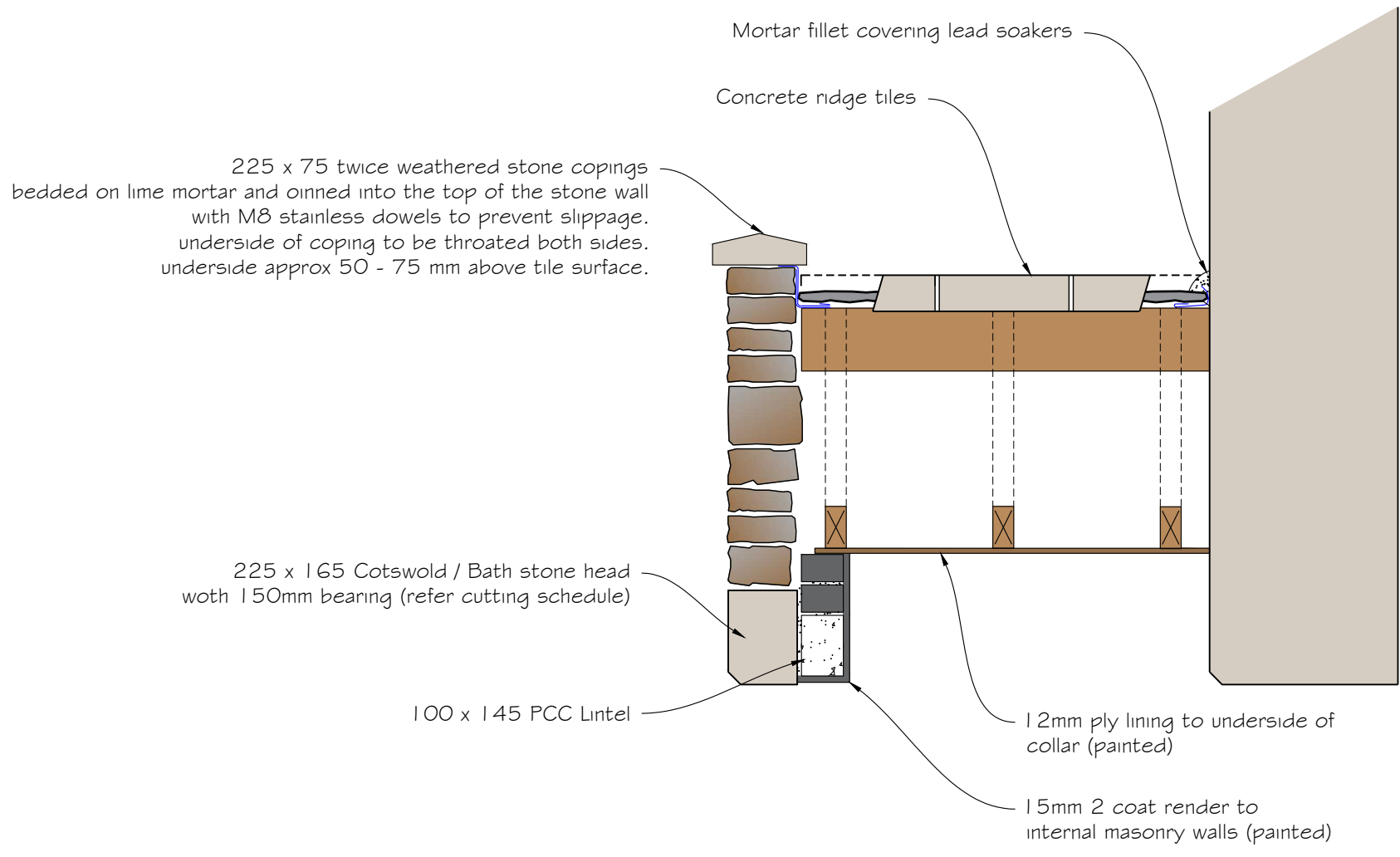


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Project **Reinstatement & Remedial Works (Impact Damage)**
Site Address **White Hart Inn, Ford, Chippenham**
Client **Dale Maintenance**
Purpose / Stage **Draft Detail**

Section B - Construction Section through porch
Scale **1:15**
Issue Date **May 2026**
Drawing No. **6070-T-14**
Revision. **-**
Page Format. **A3**

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Project **Reinstatement & Remedial Works (Impact Damage)**

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Purpose / Stage **Draft Detail**

Section C - Construction Section through porch

Scale **1:15**

Issue Date **May 2026**

Drawing No. **6070-T-15**

Revision. **-**

Page Format. **A3**

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