1-10 Cambridge Gate

Condition Report

June 2021

APPENDIX E

Report prepared for:

Crown Estate Paving Commission

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CONDITION REPORT

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Job No.	Issue No.	Description	Issue Date
20240	1	Condition survey report	25.08.21

PROJECT SUMMARY

REGION: County: Greater London

Authority District: Camden (London Borough)

PROPERTY: 1-10 Cambridge Gate, Regents Park, London

LOCATION: Two sets of gate piers at either end of the sweep in front of the property.

National Grid Reference: TQ 28742 82468

OBJECTS: Four terracotta statues of the Three Graces standing on plinths bearing the words, CAMBRIDGE GATES.

MATERIALS: Statues: Terracotta, Coade stone type, unglazed stoneware, paint remains

Plinths: Limestone

SURVEYED BY: Amy Anderson, ACR and Jenna Burrell

WRITTEN BY: Amy Anderson

APPENDIX E PHOTOGRAPHIC SURVEY

NOTES TO ACCOMPANY MARKED UP DRAWINGS

Statues

The notes are written up figure by figure and generally top to toe. In general, biological growth and pollution not mentioned here unless more significant than elsewhere.

MS1.1

Original head-crack on L of neck

2 x small repairs to hair do

Hair line cracks around front of hair R side

Eroded and pocked face with lost fire-skin, still maintains clarity and elegance of had/face shape

Possible repair to drapery L Breast

Small repair to tip of corn sheaf

Replacement fingers x 2 L hand

Erosion of drapery – upper thigh from water run-off

Erosion of drapery R side mainly on decorated hem- water run-off area

Erosion, small patch drapery below R arm

Repair or paint residue- drapery between Fig 1 and 3

Repair drapery ankle level R side

MS1.2

Head replaced in grey concrete

Movement evident at the neck joint

Cracked on head and face, crack on cheek eroded due to soft material

Head seems larger than surrounding heads and neck seem stool long. Rather undefined back of head, either recent erosion or in the re-casting from eroded material

Replacement thumb L. hand

Replacement big toe L foot

4mm hole in drapery where a tool can be inserted- drapery L leg

Crack floor level drapery behind R foot

Yellow staining-unknown cause-drapery R thigh

Possible metal armature in head.

MS1.3

Replacement head- large aggregate in off white binder

Repair to neck R and L sides

Erosion below neck joint

Repair to R shoulder

Erosion surrounding L upper arm

Repair R sleeve

Crack across R upper arm

Erosion- R upper arm

Erosion-R little finger

Erosion-L hip drapery and swag below ribband- front and small area of drapery upper thing

Spalling Central drape outer edge

Spalling front, below knee level drapery on both legs in path of water runoff

Erosion and some spalling R drapery below hand elevation 5 – path of rainwater run-off

Replacement toes x 2 repair eroding

Loss to end of L big toe

Repair R edge of R foot

Erosion to L toes

Surbase- signature. Many fills and repairs to sides

MS2.1

Original head, slight crack to Side of neck. Eroded face but still elegant and readable. Hairline cracks to hair front. Back of head eroded but sound.

Repairs x 2 to hear do

Repairs x 2 to wheat sheaf tips

2 x cracks across wheatsheaf

Repairs- L. hand 2 x replacement fingers, grey

Erosion to central drapes of decorated hem below the waist and to swag behind L. hand

Erosion and spalling R. hip- Elevation 3

Repair-R. drapery, ankle height

Repair-replacement R big toe

Surbase- many fills

MS2.2

Head- replacement, large aggregate with whitish binder. Good shape to all elements of head best of all statues

Armature- possibly in the neck

Repairs to L. and R. of neck

Repair to shoulder

Repair to L. sleeve

Erosion below neck joint

Crack across L. upper arm

Repair R. finger also cracked

Erosion, L. breast drapery L. little finger/L hip drapery and below riband with some spalling

Spalling on central drapery hem, upper edge, water run off

Erosion below knee level

Replacement toes x 2 and loss of L. big toe end

Erosion -toes L foot

MS2.3

Head-Replacement, grey cement, crack at neck. Possible second repair to back of had lacking detail and head shape poor.

Cracks at base of neck at the back

Small repairs behind rose R. hand

Repair, L. thumb

MS3.1

Original head- significant cracking all over head and face- outlined elsewhere

Repairs upon repairs all over the head. Head shape and face remain elegant although damaged.

Repair on shoulder

Crack- large- extending from neck, through torso, along drapery ribband and down Central L. leg. Hole in leg. Probably along seam line

Loss, sternum central filled with paint

Cracks to 2x fingers and 1 times thumb

Repair- Replacement R hand and wrist and stalk of plant. Added second repair to finger, with loss. Hairline cracks all over hand. Grey cement same as head and hand replacement MS1.2

Armature, ferrous wire on R hand

Eroded little finger L hand

Repair front of drape below L hand

Erosion-swag below ribband L upper thigh

Repairs to hip drape above ribband R side

Erosion hip drape, top and high points on 'sleeve' drapery

MS3.2

Original head, badly eroded face, no crack at neck

Repaired nose end, 2 or 3 repair campaigns

Crack L. side, down upper arm and torso

Loss- element removed for safe keeping apples R hand

Repair L. hand finger x 1

Damage to middle finger does not appear attached and has repair on the back. No evidence of movement, but vulnerable

Cracks, hairline to L. hand

Erosion on top folds of drapery upper thighs R. and L.

Erosion R. thigh- water exposure

Crack along drapery, ankle level R side

Repair- R big toe

Large quartz inclusion on L. big toe

Yellow staining on lower drapery

MS3.3

Original head, no neck crack. Badly eroded face but still elegant shape to face and had. Eroded hair do at back

Repair- replacement thumb end S hand

Erosion L. drapes -central decorated hem on upper surface and crease of upper thigh also below elbow

Erosion- R. leg, Elevation 2

Repair- replacement grapes Elevation 2

Repair- large to L leg drapery at knee and below. Sulphation has grown on this-very disfiguring but fill is sound

Surbase: Signature, Many repairs and crack below little toe of fig 2.

MS4.1

Original head, no cracks in the neck.

Heavy erosion around the eye and face. Erosion at back of neck and on bun. Some fire-skin still remains on face and hair with edges lifting.

Spalling to R. cheek

Repairs to nose, hard repair to hair with erosion surrounding

Spalling at waist R. side. Loss of large inclusions at waist

Erosion on high points of arm. drapery in water run-off areas, and to feet tops. spalling to hand

Yellow staining on drapery.

MS4.2

Original head, no cracking.

Small cracks around hair, probably where individual pieces of clay have been applied

Loss to end of nose

Loss of thumb end L. hand, the hand and probably some decorative foliage loss to cuff R. arm. Loss in upper thigh

Repair to R. thumb and some drapery behind the R hand.

Hairline crack running sown leg in the same place as the large crack on M3.1. Probably a casting joint

Erosion on face, collar high points of drapery R. arm and L. hop where water runs off.

Some spalling on leg drapery and top of feet sandals are almost lost. Very vulnerable.

Very crisp carving on hem compared to other figures

Large area with crack surrounding, ready to spall L. knee

MS4.3

Original head, repairs to nose stable, soft fill. Spalling on nose, jaw and neck L. side. Erosion to bonnet.

Cracks around hair and bonnet, probably around individually applied pieces.

Fill to R. shoulder. Hard with erosion around.

Repair, small and hard to holly

Repair- R. fingers x2 and L. finger x1 and spalling to all r fingers

Yellow/ orange staining between lower drapery of figs 1 and 3

Some erosion to R leg and lower R drapery, spalling on hems

Fill between shins, edges lifting an eroding

Bad spalling on tops of both feet, about to lose sandal detail.

Creeper roots attached between shins

Surbase- many repairs.

Plinths

MP1

Elevation 1

Render strip running all around (below moulding trio)

Fills x 6

Elevation 2

- Render strip continues running all around the top of the base moulding. Adhered firmly at its top edge but loss of limestone along the bottom.
- Salts observed in small area at the base. It was also observed that small lap dogs regularly urinate here and this seems the most likely cause of the salts.
- Loss (near wall bottom trio)

Elevation 3

- Loss to stone at base next to wall
- Loss on shaft base moulding
- Stone indent next to wall

MP2

Shaft sugary overall. Bottom 2 sections rendered (detailed above). Badly eroded top moulding beneath shaft with hard fill x 2) covering roughly half.

Elevation 1

- Round loss probably erosion around a shell fossil (convex moulding)
- Small loss spalling with fill (shaft)

Elevation 2

- 2x losses at the pavement and join of the wall
- Stone indent in good condition but different colour

Elevation 3

- Circular loss probably due to erosion of shell in the stone on shaft.

MP3

Elevation 2

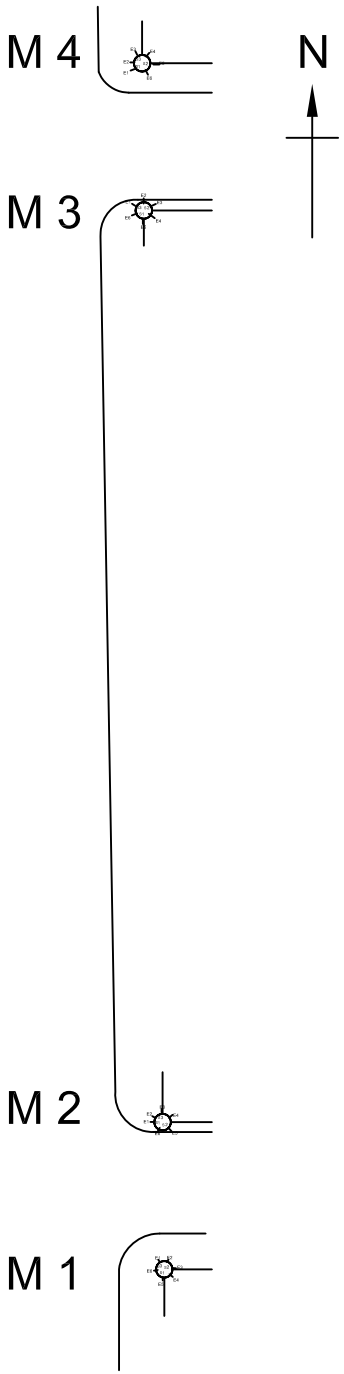
- Large crack (not moving) on convex moulding danger of loss over a short number of years
- Loss to abutting wall corner with loose section ready to fall off

Elevation 4

- Possible salt bloom may be related to biological growth (Bottom right)

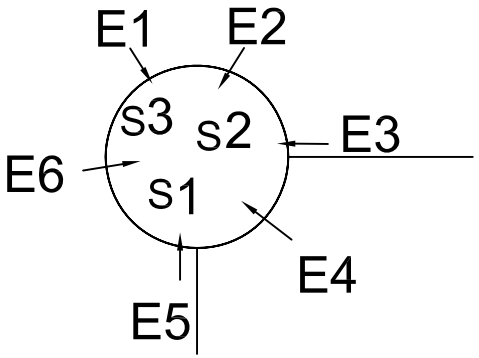
Cambridge Gate
Monument reference plan & Statue reference plan

Monument reference plan

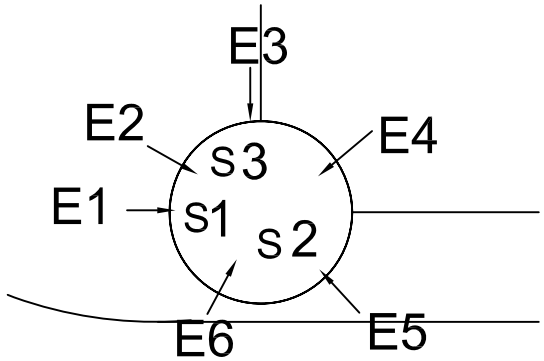


M: Monument
E: Elevation (Condition image)
S: Statue

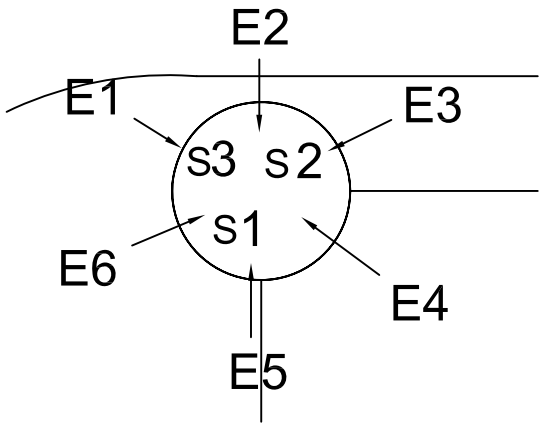
Monument 1 Statue reference plan



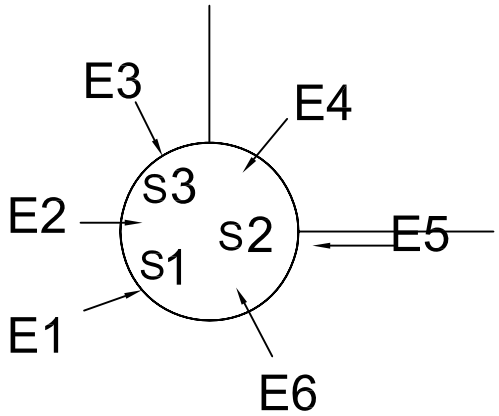
Monument 2 Statue reference plan



Monument 3 Statue reference plan



Monument 4 Statue reference plan



CAMBRIDGE GATE
MONUMENT 1
PLINTH ELEVATION 1

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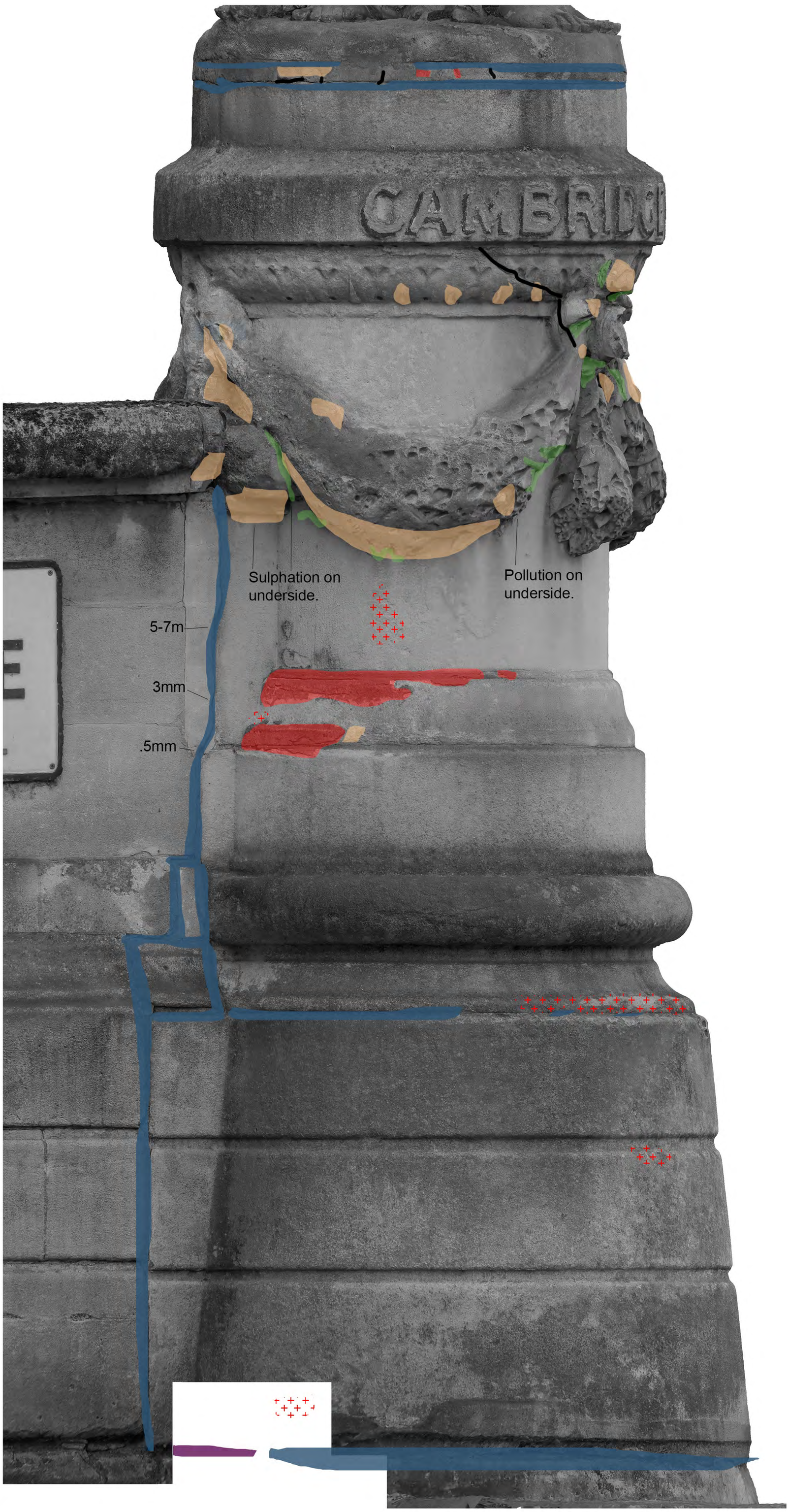

Repairs
Cracks
Delamination
Spalling/Loss or Fire-skin
Sulphation/Pollution
Paint Remenants
Crack in pointing
Loss to pointing

CAMBRIDGE GATE
MONUMENT 1
PLINTH ELEVATION 2

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Fissure -Crack

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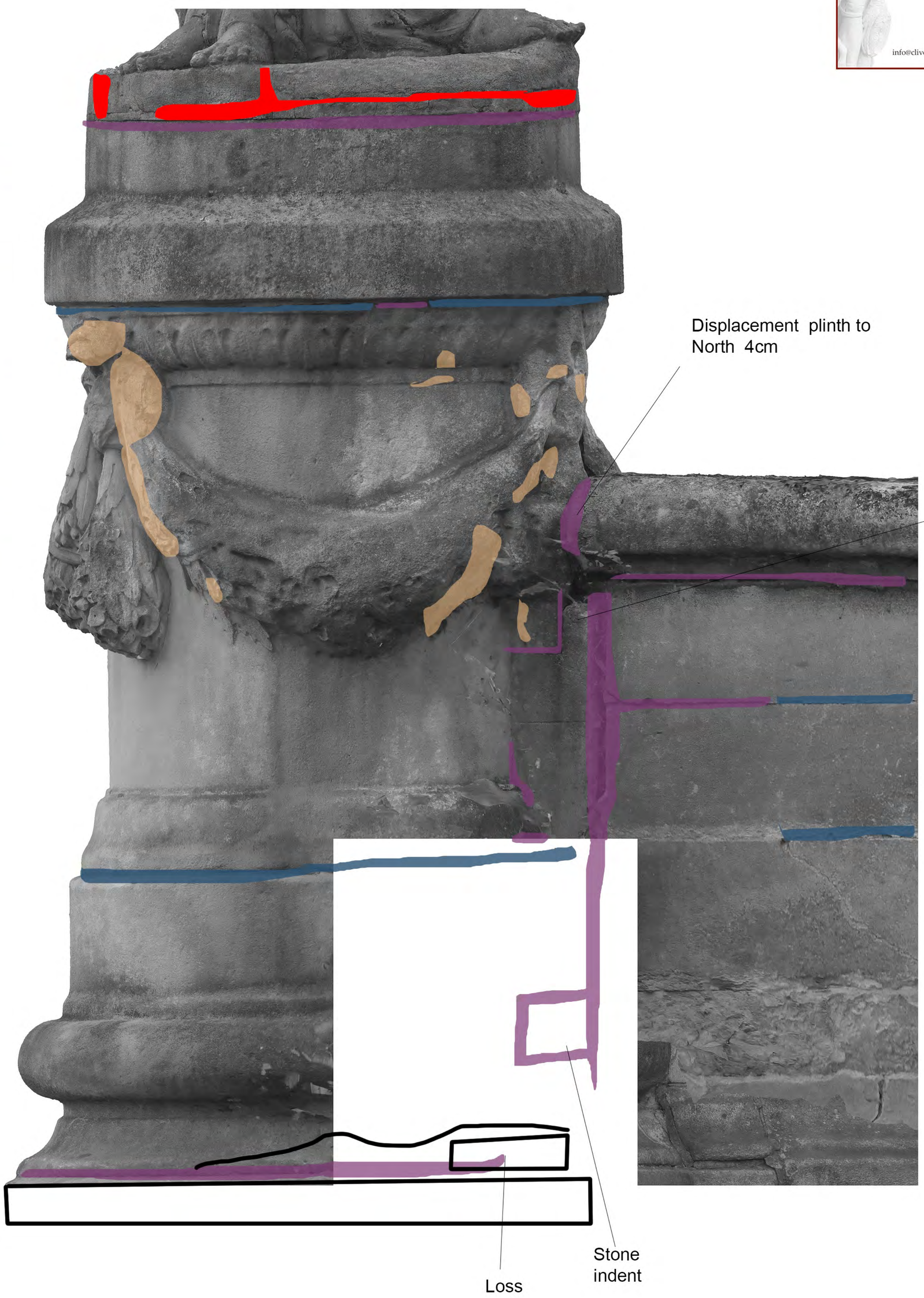
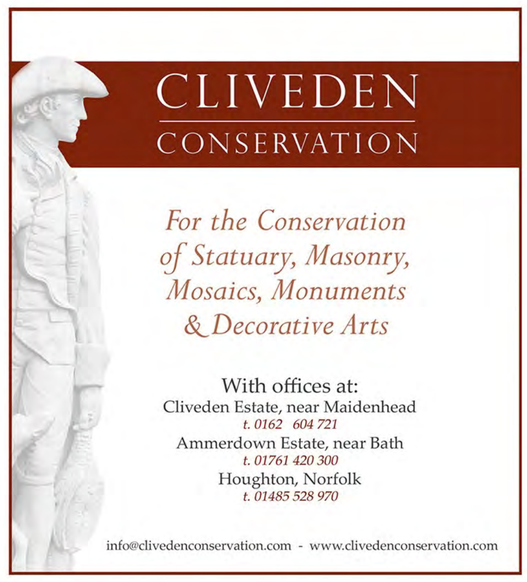


North
West
East
South

CAMBRIDGE GATE
MONUMENT 1
PLINTH ELEVATION 4



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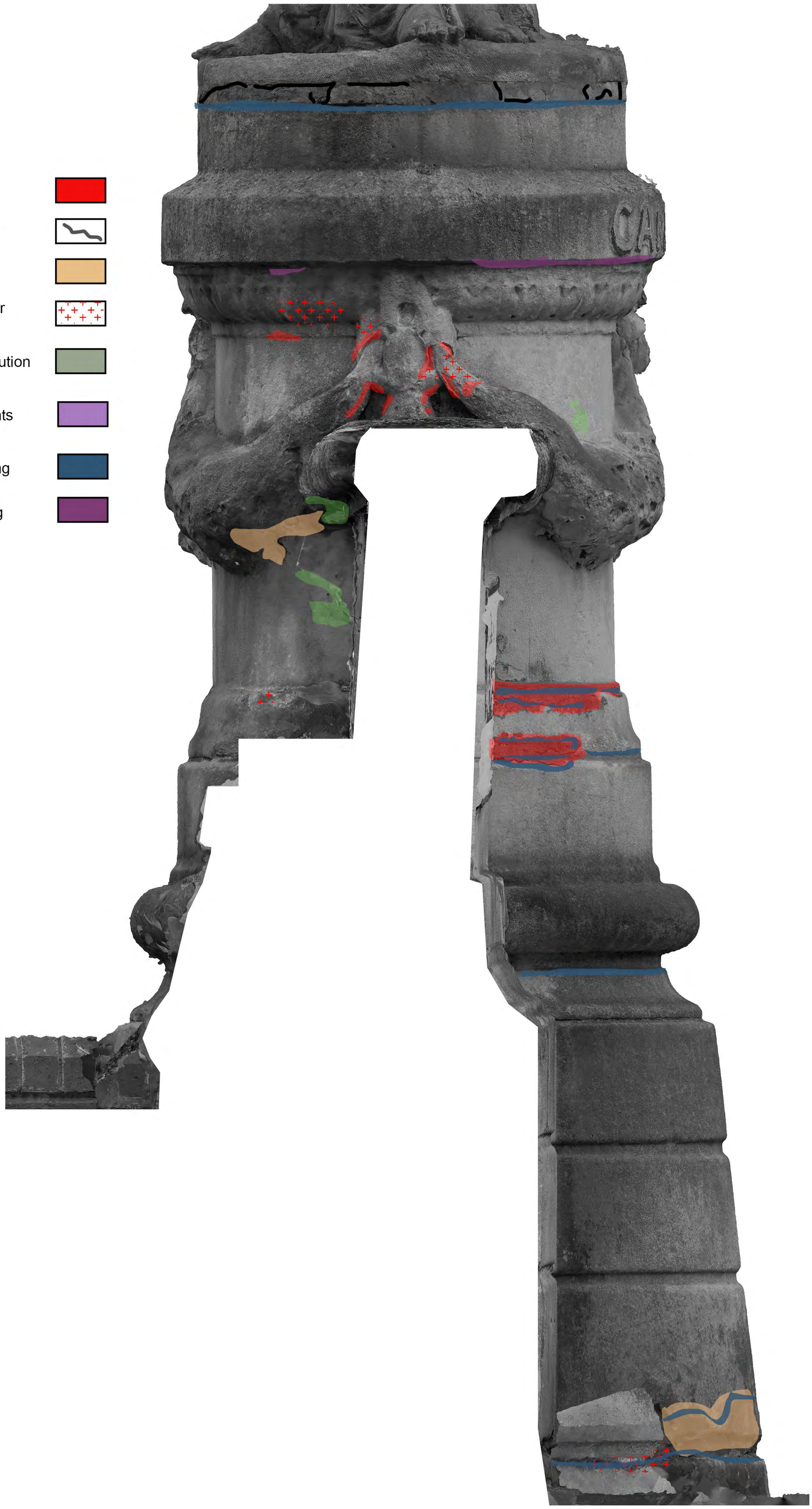

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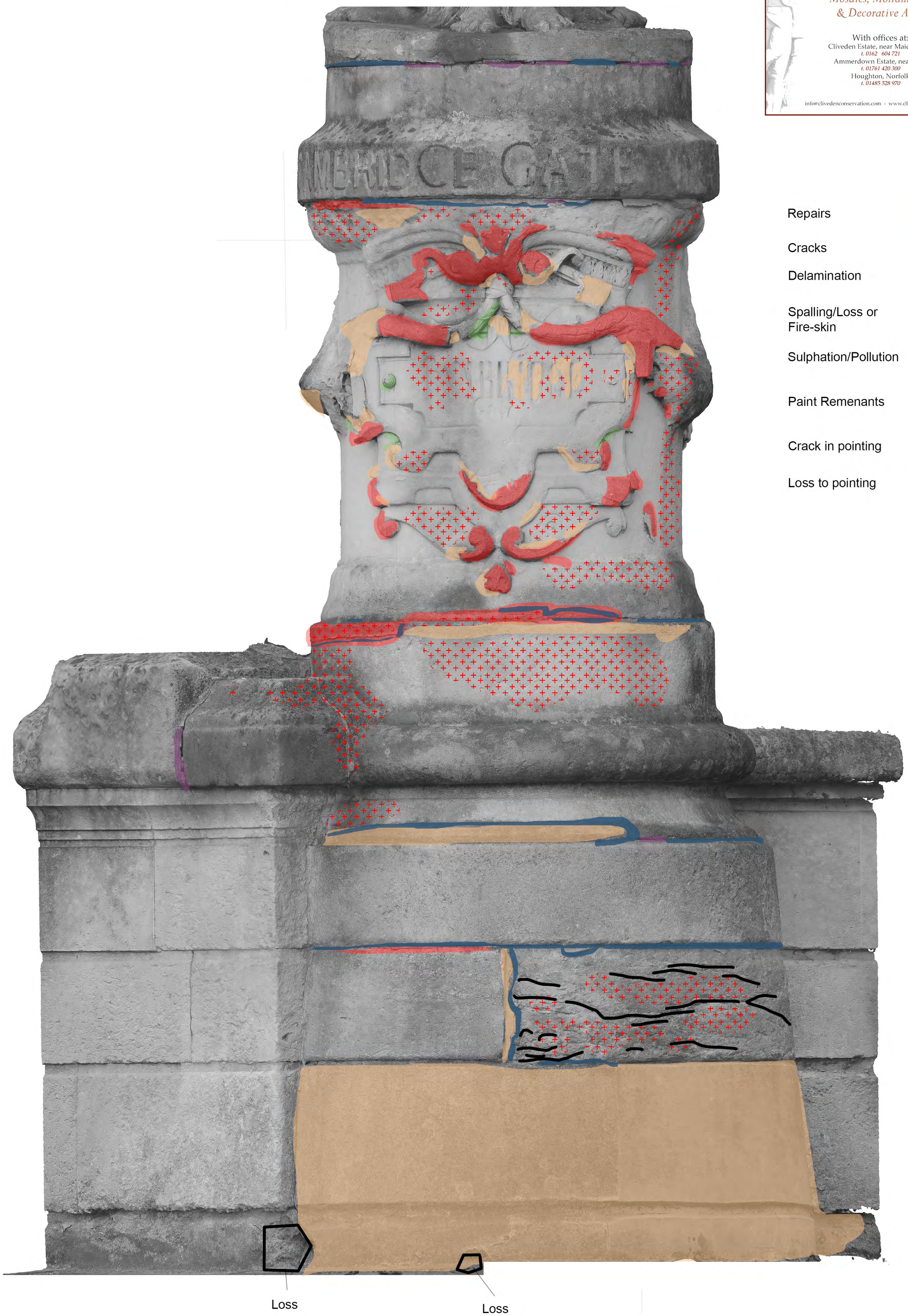

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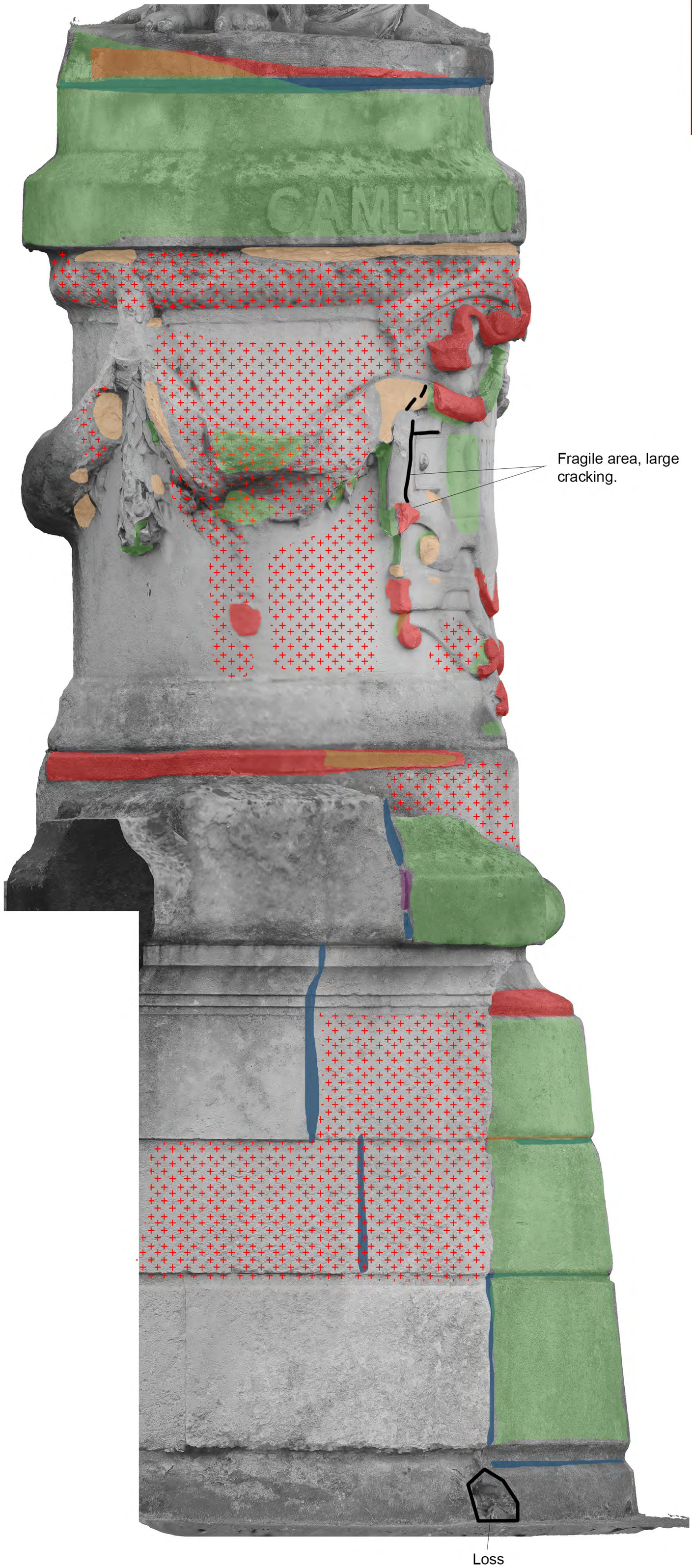

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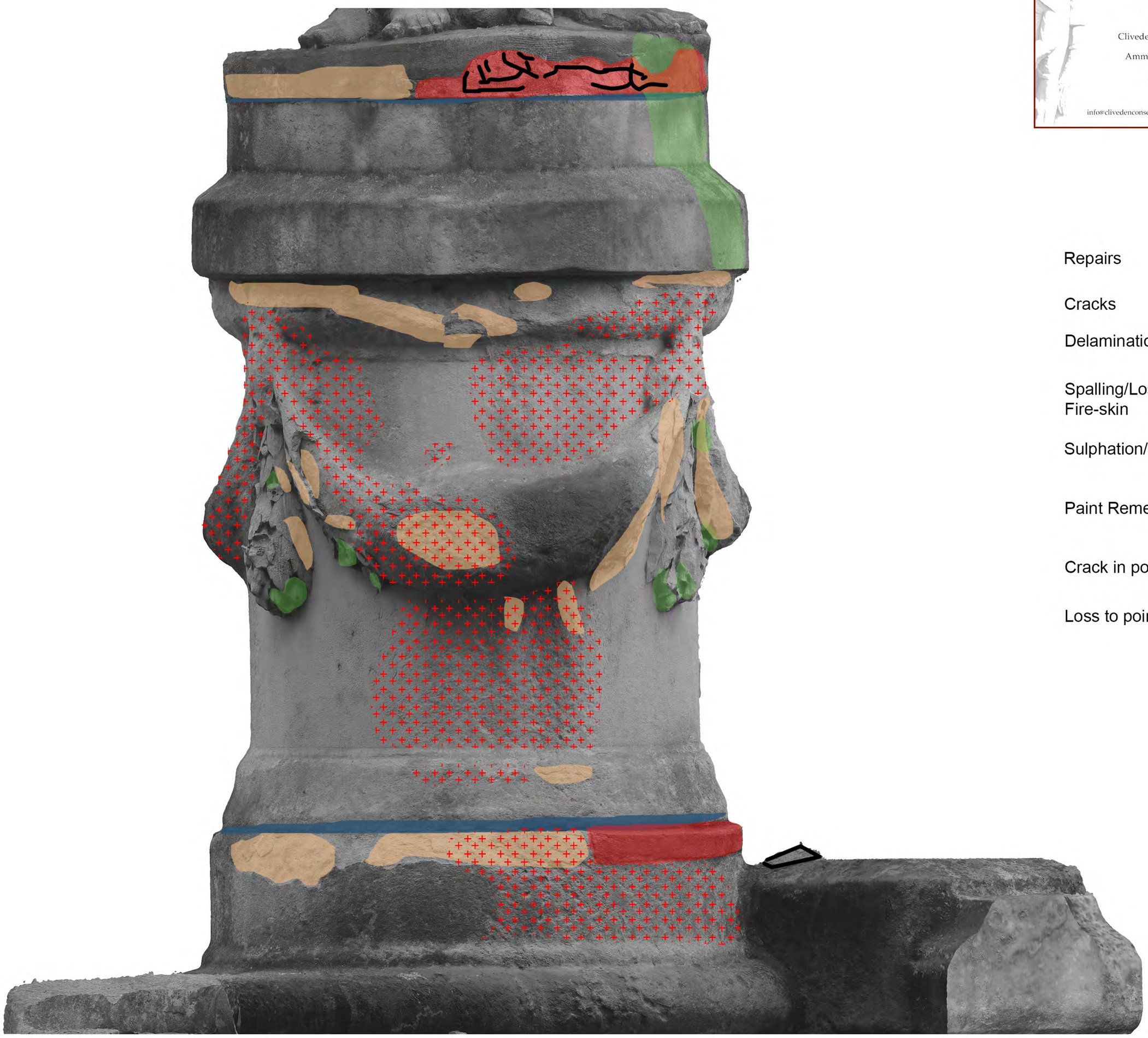

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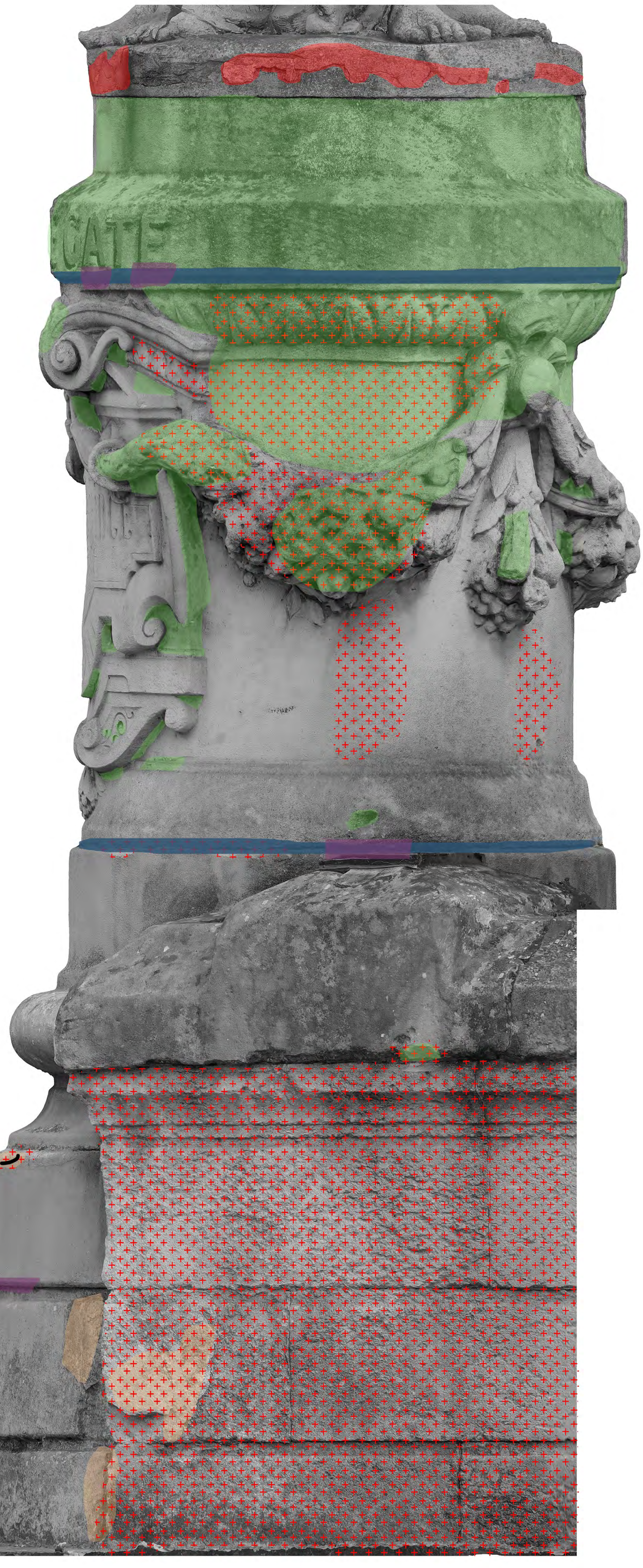

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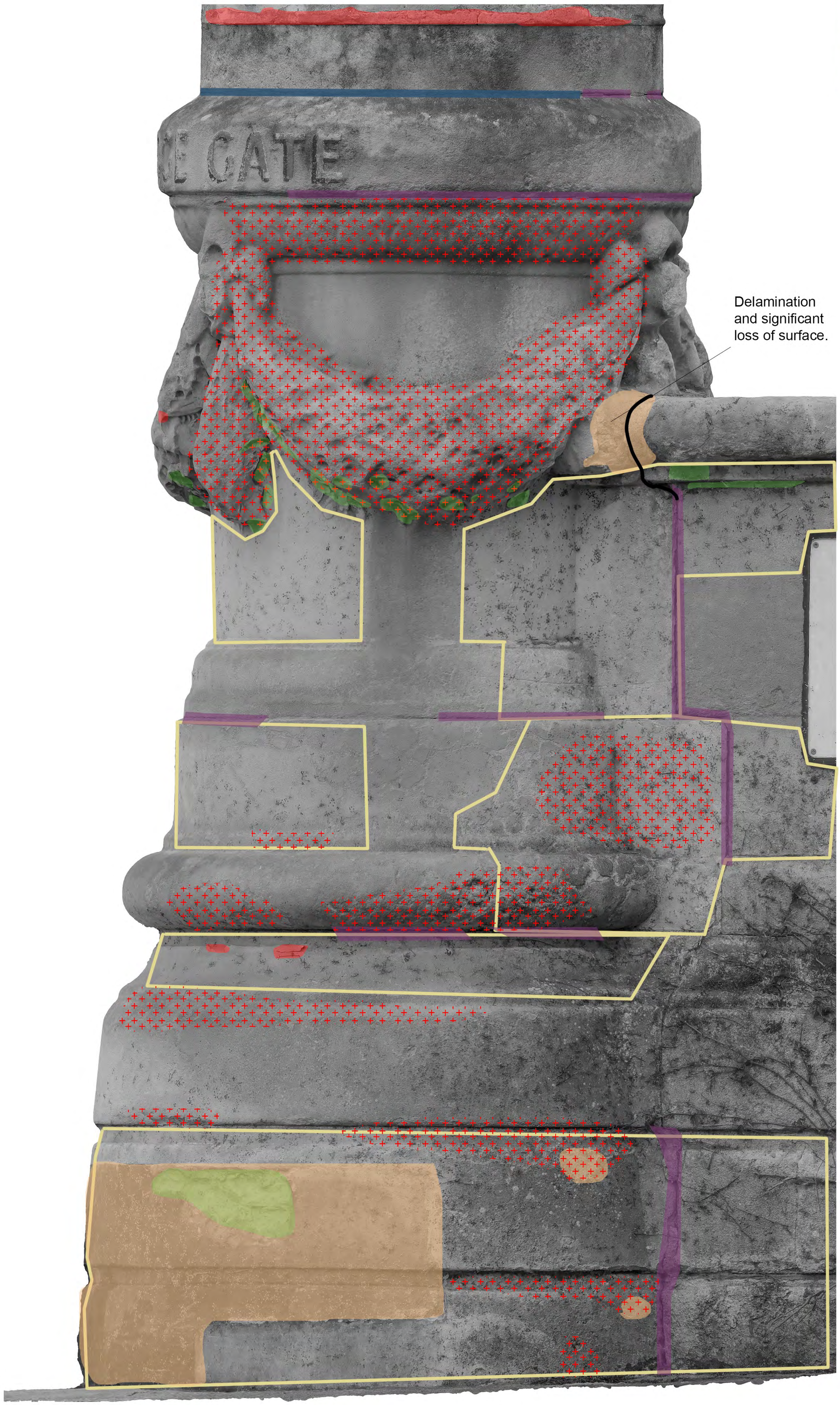

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Crack in pointing
Loss to pointing
Plant root damage

CAMBRIDGE GATE
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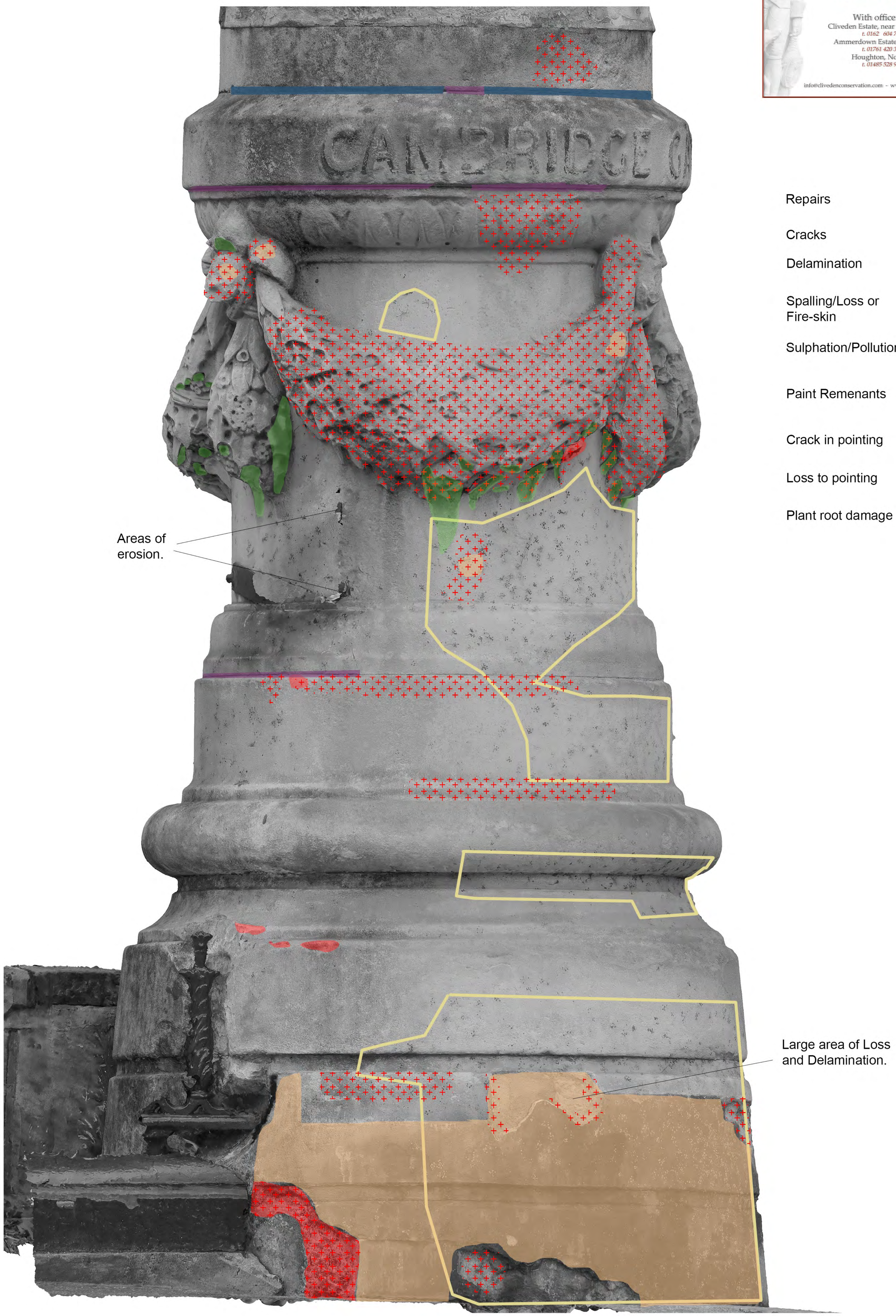

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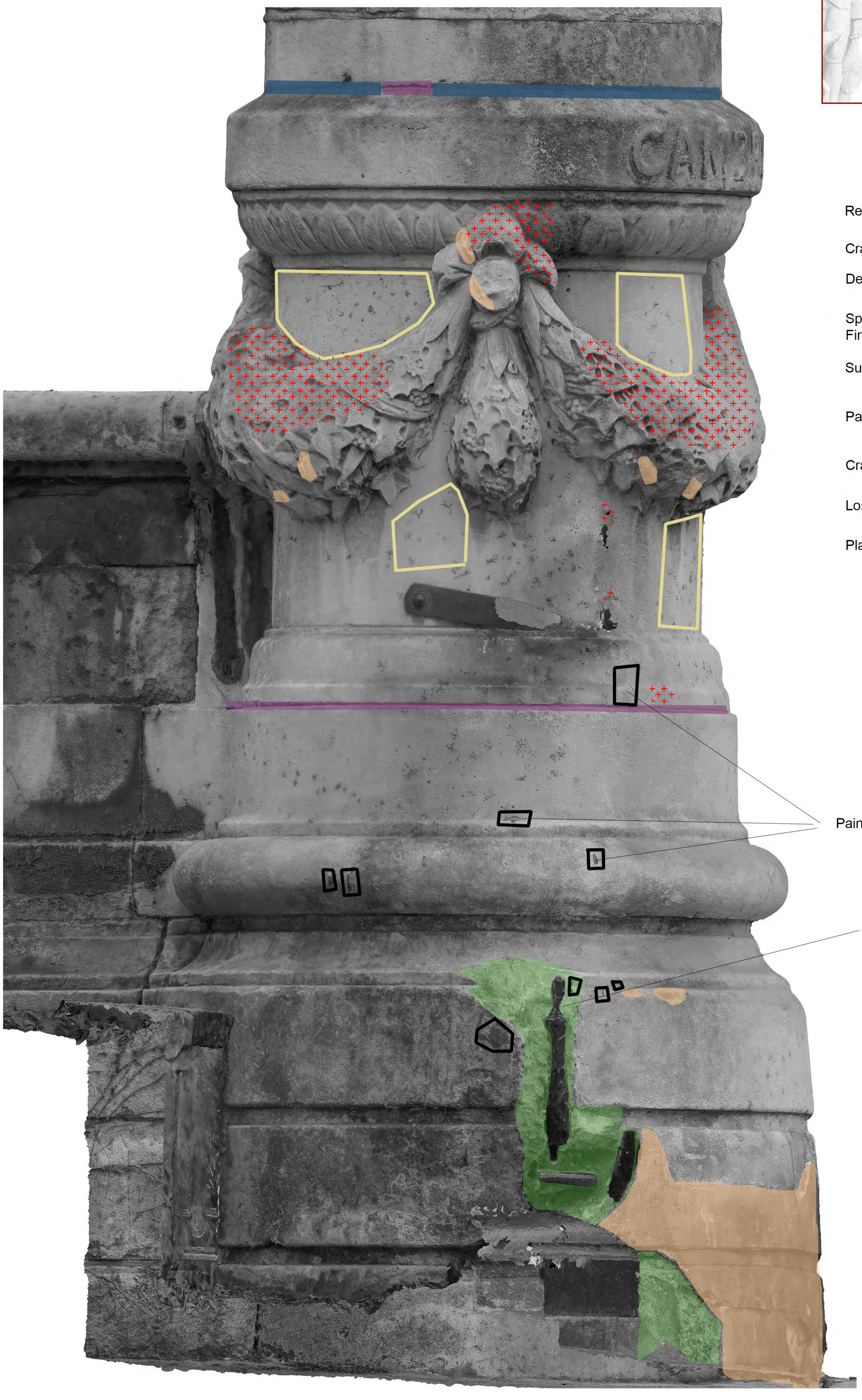

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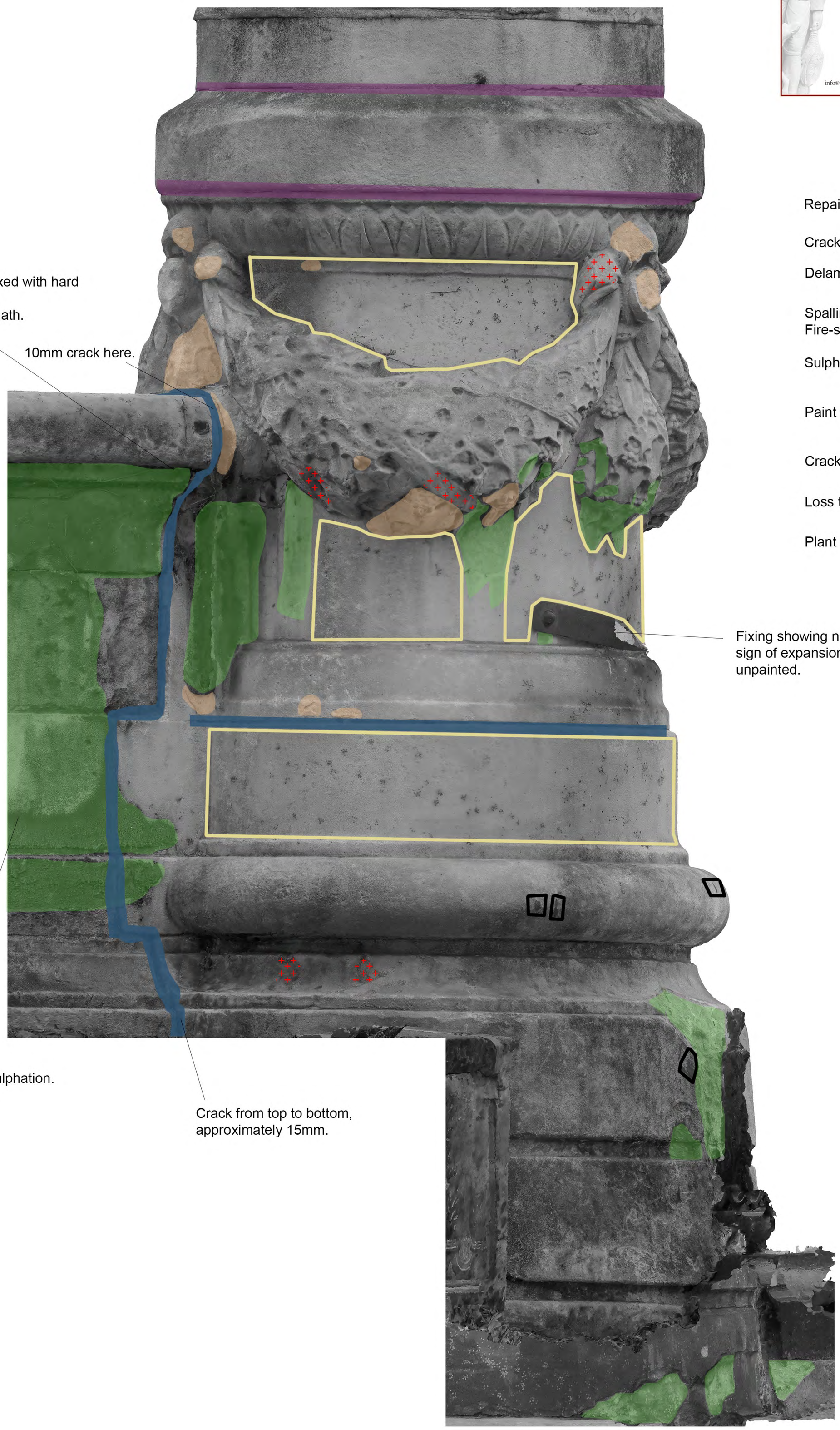

- Repairs
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- Paint Remenants
- Crack in pointing
- Loss to pointing
- Plant root damage

CAMBRIDGE GATE MONUMENT 1 STATUE ELEVATION 1

Loss of fire-skin
60% of face/Fire-skin, possibly due to fabrication process.

Appears to be.....

No movement found.

3

2

1

Movement found.

Grey cement apperance

Entire head replaced

Remove

This may be more biological

Blobby capping over crack, remove.

Very fragile area

This may be more biological

Morepollution than sulphation

Patch of fire-skin lost

Joint bailed

Signature

THis joint seems large but it may just be cement smeared over the top.

Sky facing top section of plinth ...../ biological growth/staining. Lichen growth

Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

Loss of detail flower bouquet on Figure 3.

Fire-skin on the legs/drapery on 3 is mostly okay apart from some spaling?delamination to one area.

Kremer has some remenants of paint in the lettering.

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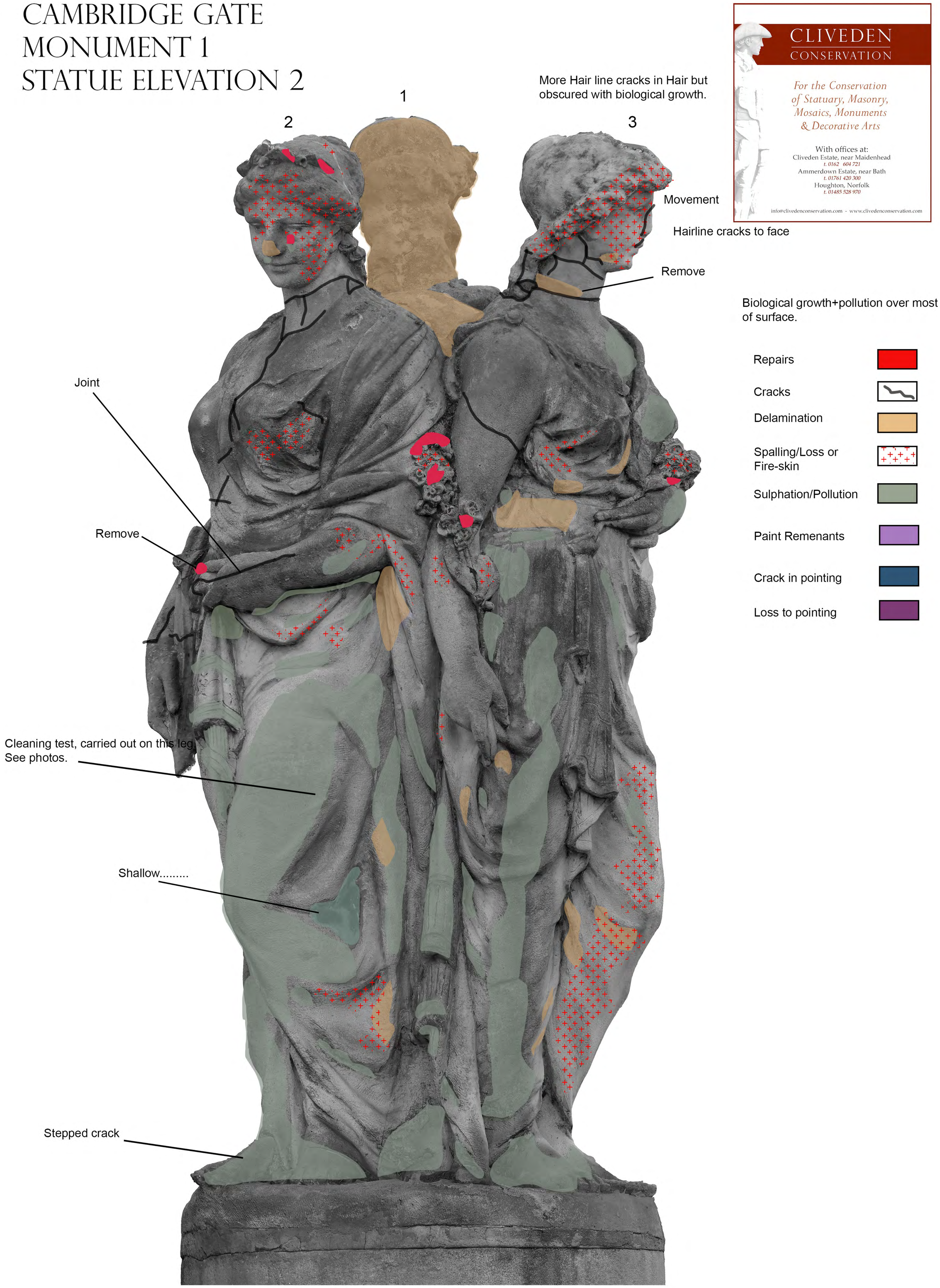
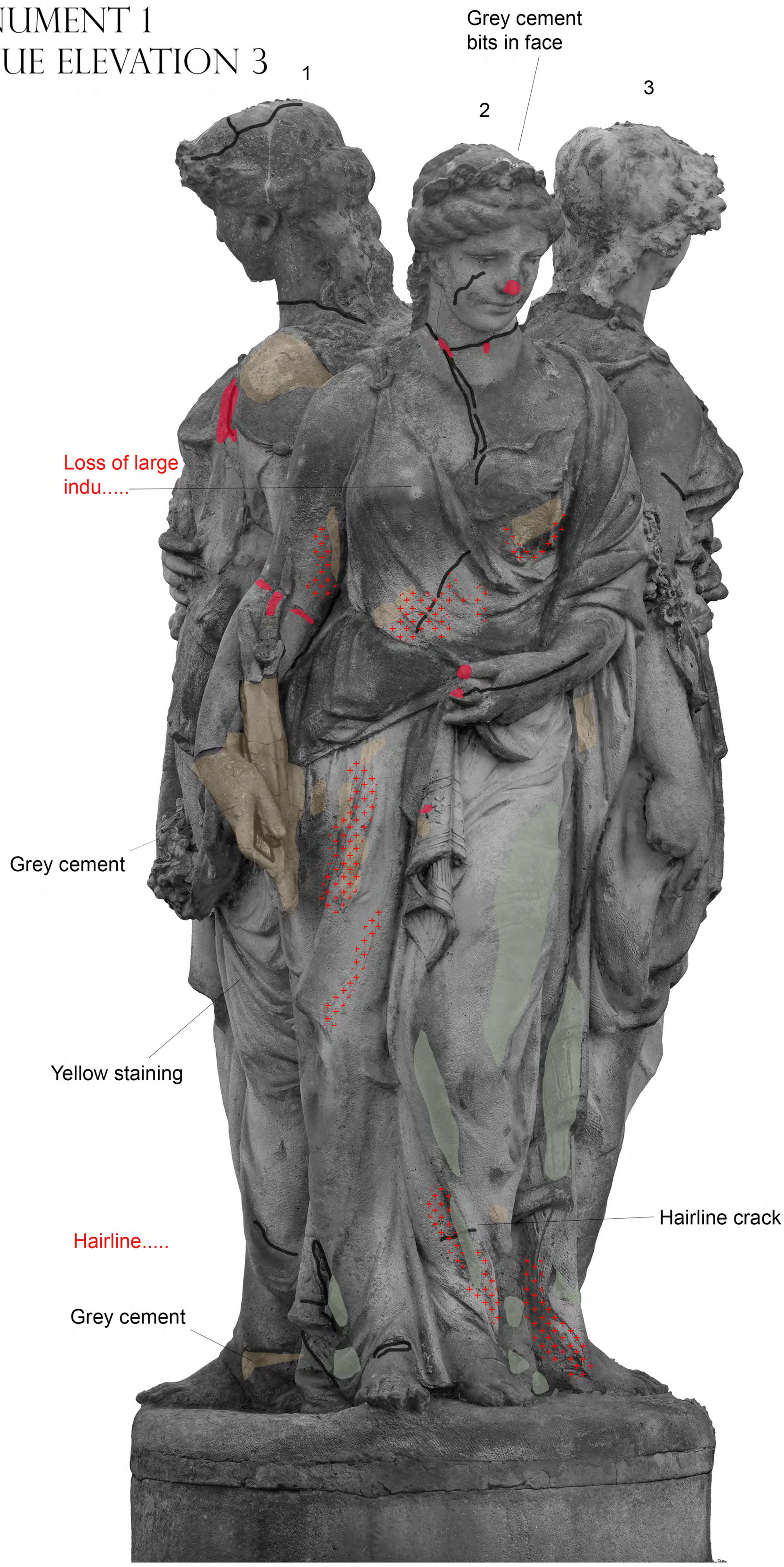
CAMBRIDGE GATE
MONUMENT 1
STATUE ELEVATION 2



CAMBRIDGE GATE
MONUMENT 1
STATUE ELEVATION 3



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Repairs
Cracks
Delamination
Spalling/Loss or Fire-skin
Sulphation/Pollution
Paint Remenants
Crack in pointing
Loss to pointing

CAMBRIDGE GATE
MONUMENT 1
STATUE ELEVATION 4

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Repairs

Cracks

Delamination

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Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

v. corse aggregate matches face of CG 2S earliest fills?

Erosion rather than spalling, but fire-skin lost.

Mild erosion , sorrunding smooth grey

Mild erosion.....

Erosion

Small crack

Erosion around all these fills- grey purple smooth.

CAMBRIDGE GATE
MONUMENT 1
STATUE ELEVATION 6

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Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

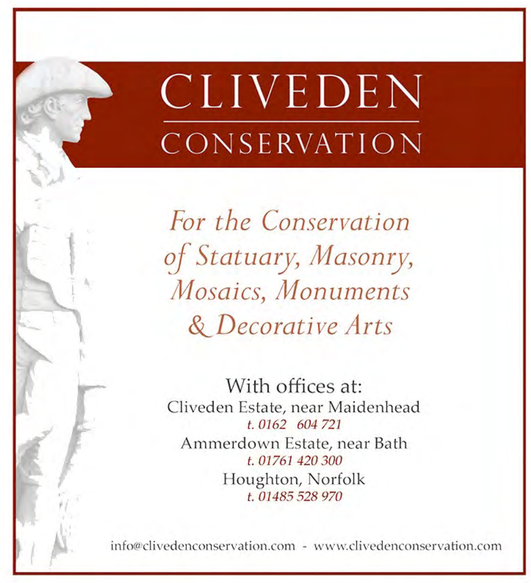
Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

CAMBRIDGE GATE
MONUMENT 2
STATUE ELEVATION 1



1

2

3

A lot of remenants of paint layer/skin repair to the wheat.

Repairs

Repairs
Cracks

Cracks
Delamination

Delamination
Spalling/Loss or Fire-skin

Spalling/Loss or Fire-skin
Sulphation/Pollution

Sulphation/Pollution

Paint Remenants

Crack in pointing

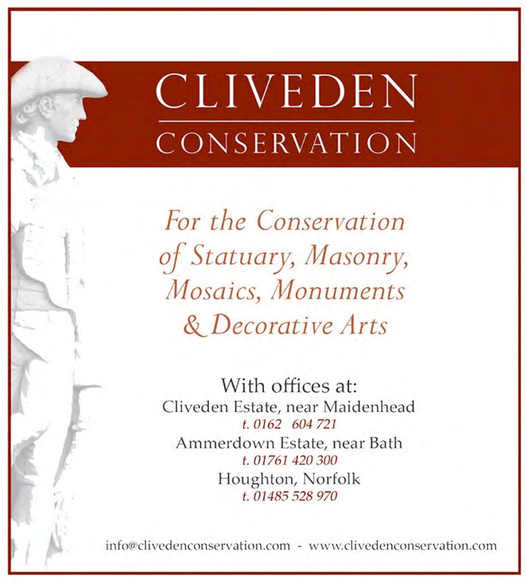
Loss to pointing

Yellow colour staining

Staining

Marks to base of drapery

CAMBRIDGE GATE MONUMENT 2 STATUE ELEVATION 2



Haavy lichens...
which may be obscuring
more cracks.

3

2

1

1mm crack

Hairline cracks

Eroded surface

Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

Surface generally eroded, revealing pores of the terracotta.

Surface quite eroded

CAMBRIDGE GATE MONUMENT 2 STATUE ELEVATION 3

Considerable paint deposit.

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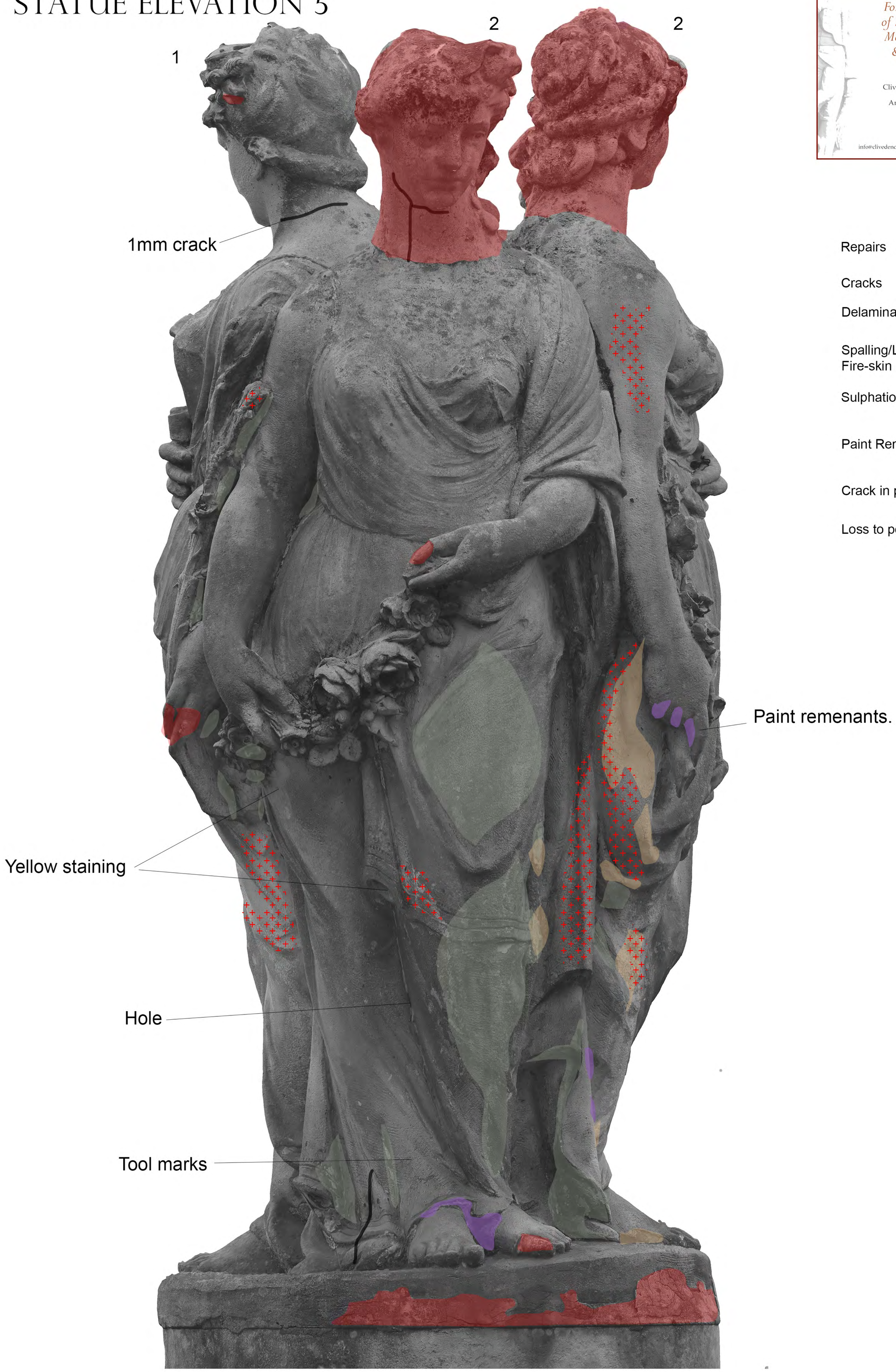
- Repairs
- Cracks
- Delamination
- Spalling/Loss or Fire-skin
- Sulphation/Pollution
- Paint Remenants
- Crack in pointing
- Loss to pointing

CAMBRIDGE GATE MONUMENT 2 STATUE ELEVATION 5

Loss of details on the hair.



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Repairs	
Cracks	
Delamination	
Spalling/Loss or Fire-skin	
Sulphation/Pollution	
Paint Remenants	
Crack in pointing	
Loss to pointing	

CAMBRIDGE GATE
MONUMENT 2
STATUE ELEVATION 6

Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

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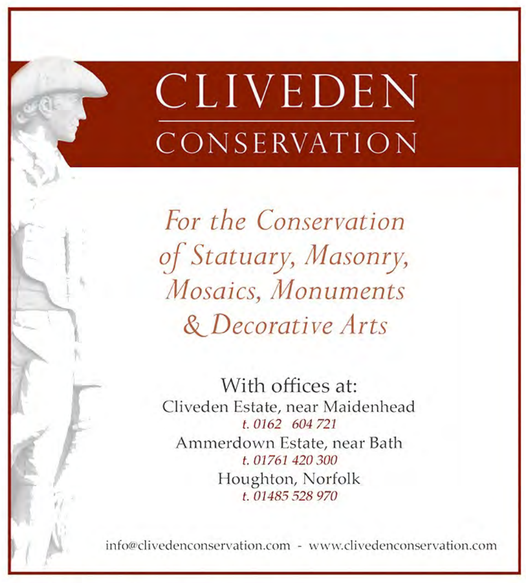
CAMBRIDGE GATE MONUMENT 3 STATUE ELEVATION 1



Exposed ferrous dowel.....

Lichen growth on top of the heads.

2

3

1

Cracks around head: 2-3mm, allowing water ingress

Face surface very eroded.

Grey cement

Small hole

1mm crack

Tool marks

Hairline cracks to grey cement hand.

Lichen

Grey cement

Loss to repair

Tool marks

Trial area 10% ammonium carbonate in deinised water poultic.
Trial also on the plinth.

Crack to this foot, from toe.

Repairs	
Cracks	
Delamination	
Spalling/Loss or Fire-skin	
Sulphation/Pollution	
Paint Remenants	
Crack in pointing	
Loss to pointing	

CAMBRIDGE GATE
MONUMENT 3
STATUE ELEVATION 2

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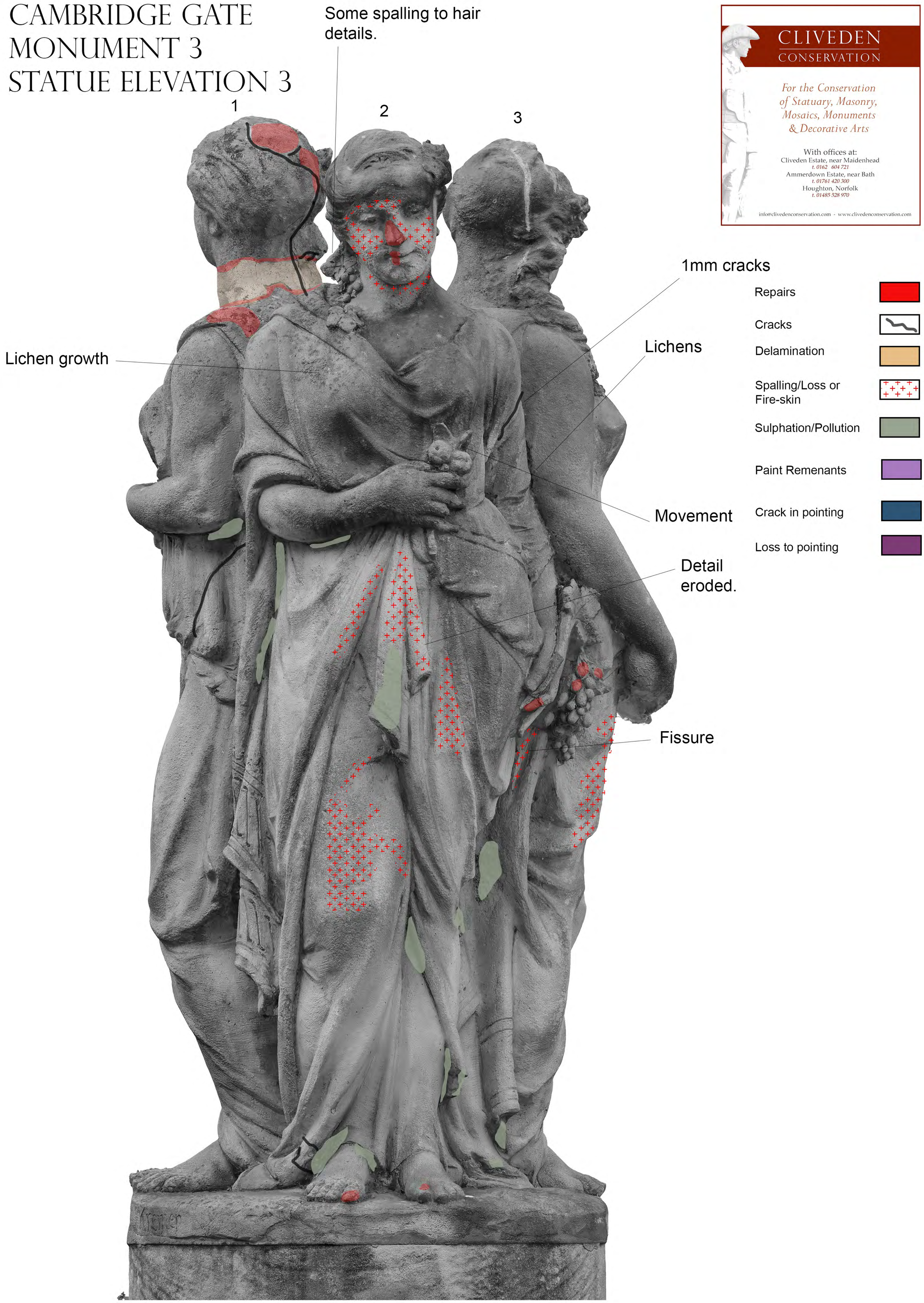
Repairs
Cracks
Delamination
Spalling/Loss or Fire-skin
Sulphation/Pollution
Paint Remenants
Crack in pointing
Loss to pointing

CAMBRIDGE GATE MONUMENT 3 STATUE ELEVATION 3



CAMBRIDGE GATE
MONUMENT 3
STATUE ELEVATION 4

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CAMBRIDGE GATE
MONUMENT 3
STATUE ELEVATION 5

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Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

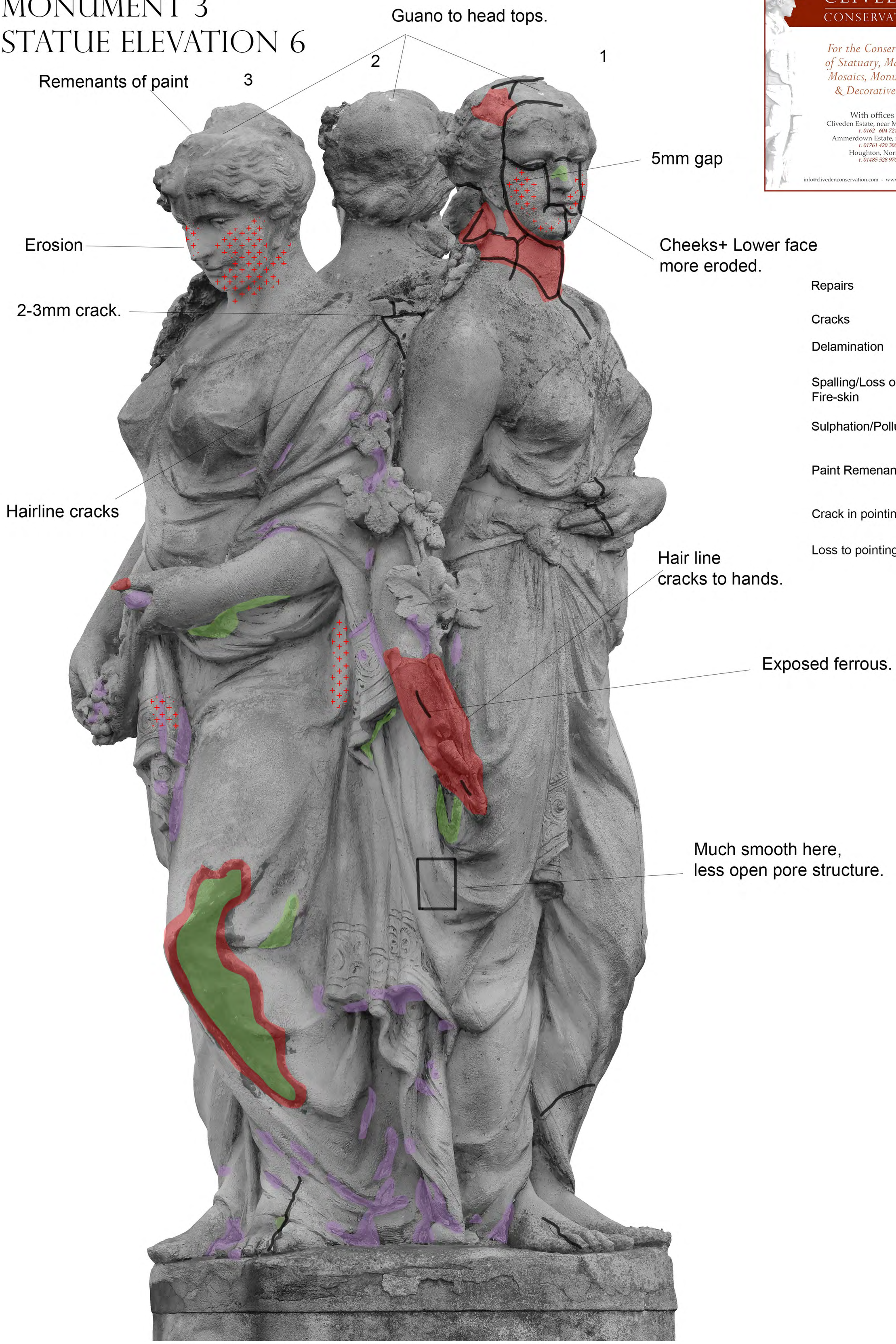
Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

CAMBRIDGE GATE MONUMENT 3 STATUE ELEVATION 6



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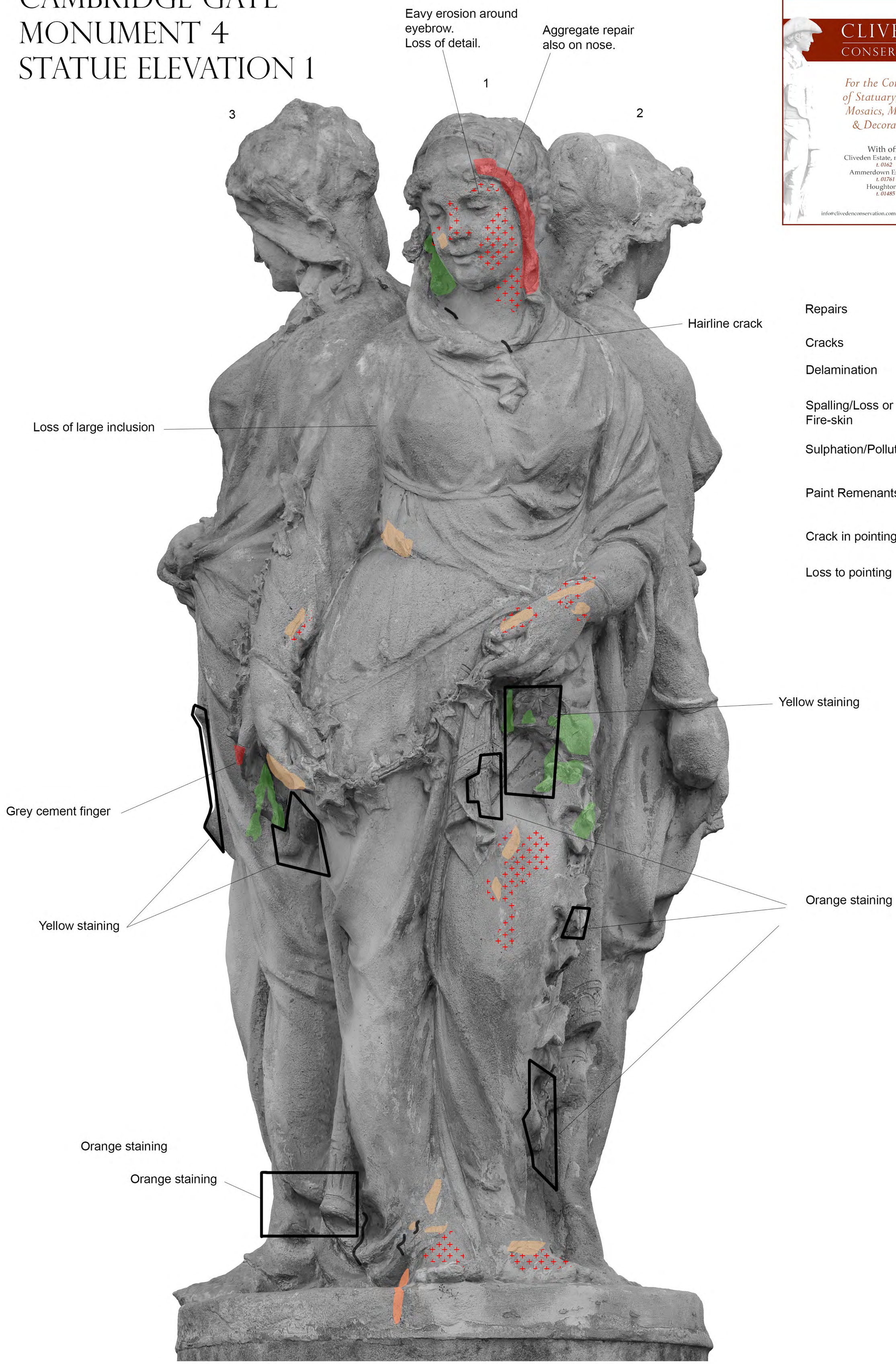
CAMBRIDGE GATE MONUMENT 4 STATUE ELEVATION 1



Repairs
Cracks
Delamination
Spalling/Loss or Fire-skin
Sulphation/Pollution
Paint Remenants
Crack in pointing
Loss to pointing

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MONUMENT 4
STATUE ELEVATION 2

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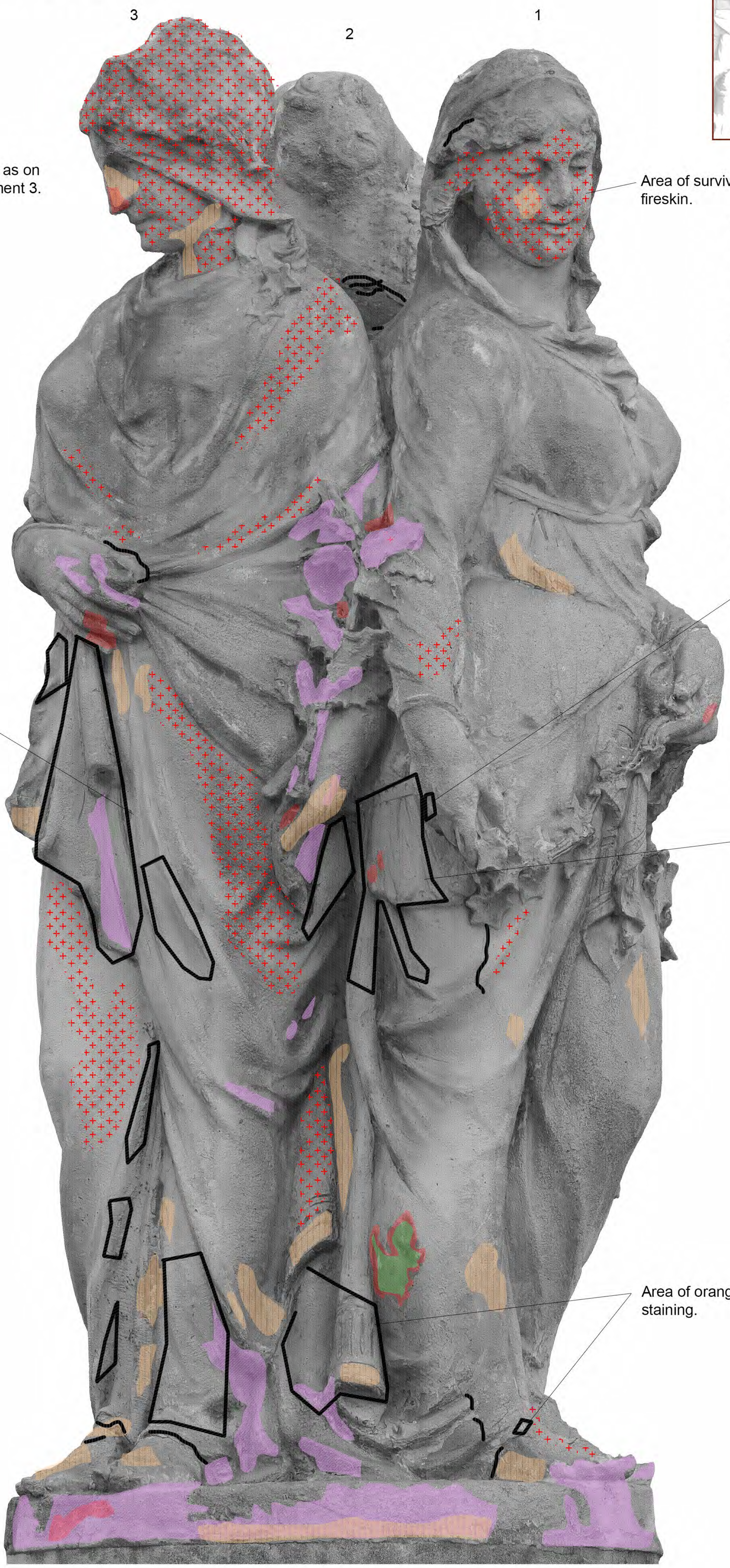

Repairs

Cracks

Delamination

Spalling/Loss or Fire-skin

Sulphation/Pollution

Paint Remenants

Crack in pointing

Loss to pointing

CAMBRIDGE GATE
MONUMENT 4
STATUE ELEVATION 3

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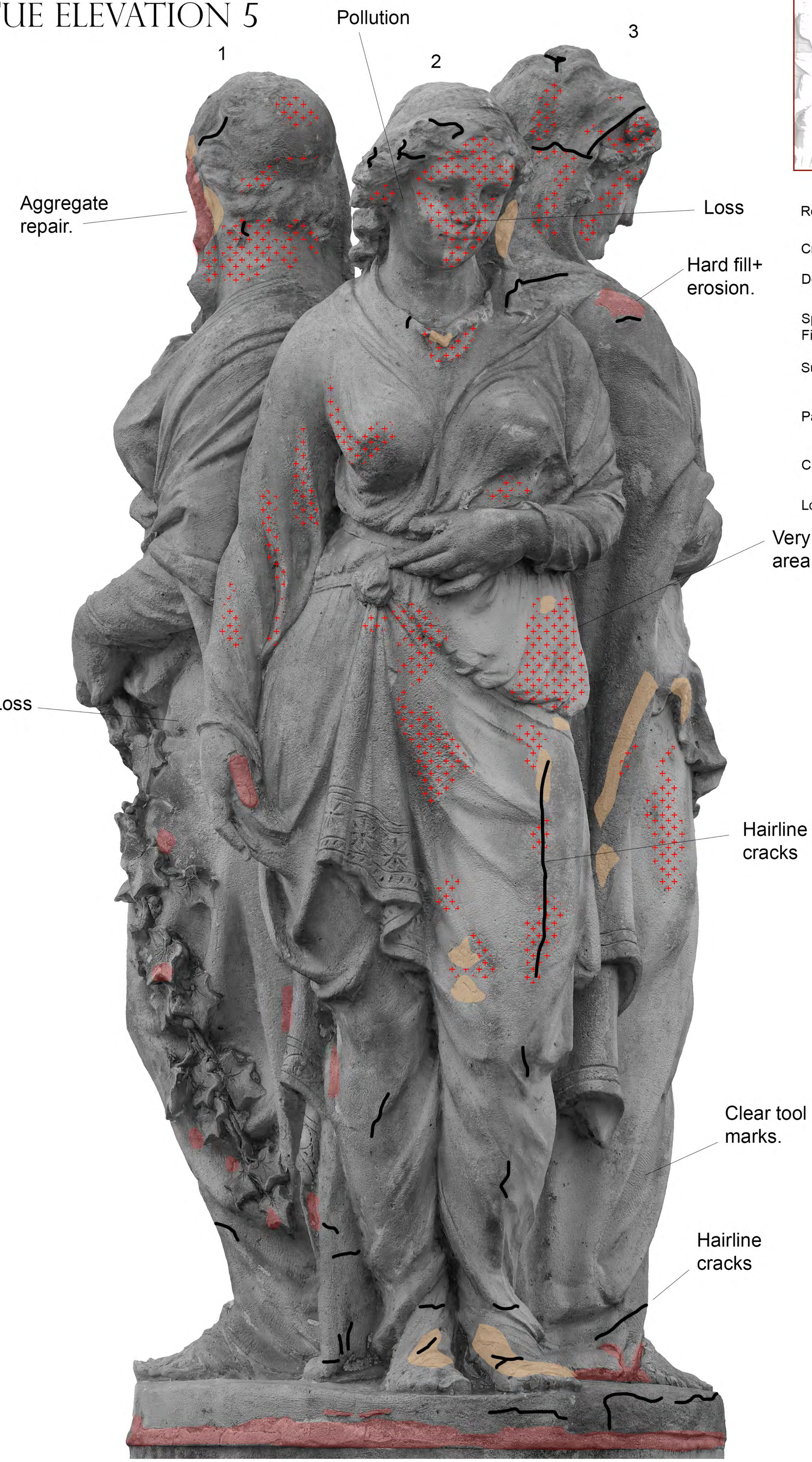
Repairs	
Cracks	
Delamination	
Spalling/Loss or Fire-skin	
Sulphation/Pollution	
Paint Remenants	
Crack in pointing	
Loss to pointing	

CAMBRIDGE GATE
MONUMENT 4
STATUE ELEVATION 5



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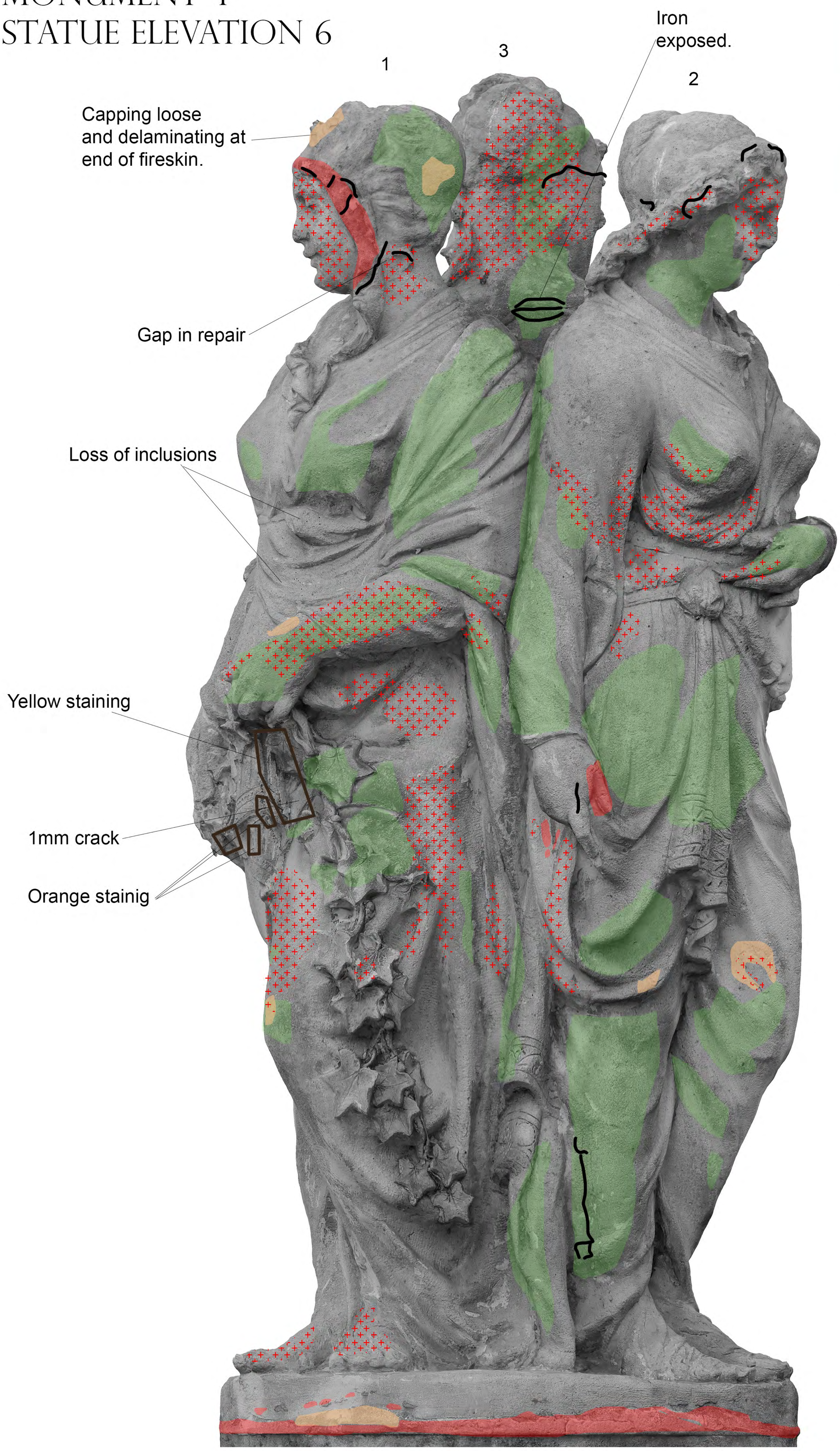
- Repairs
- Cracks
- Delamination
- Spalling/Loss or Fire-skin
- Sulphation/Pollution
- Paint Remenants
- Crack in pointing
- Loss to pointing

CAMBRIDGE GATE
MONUMENT 4
STATUE ELEVATION 6



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- Paint Remenants
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CAMBRIDGE GATE
MONUMENT 4
STATUE TOP

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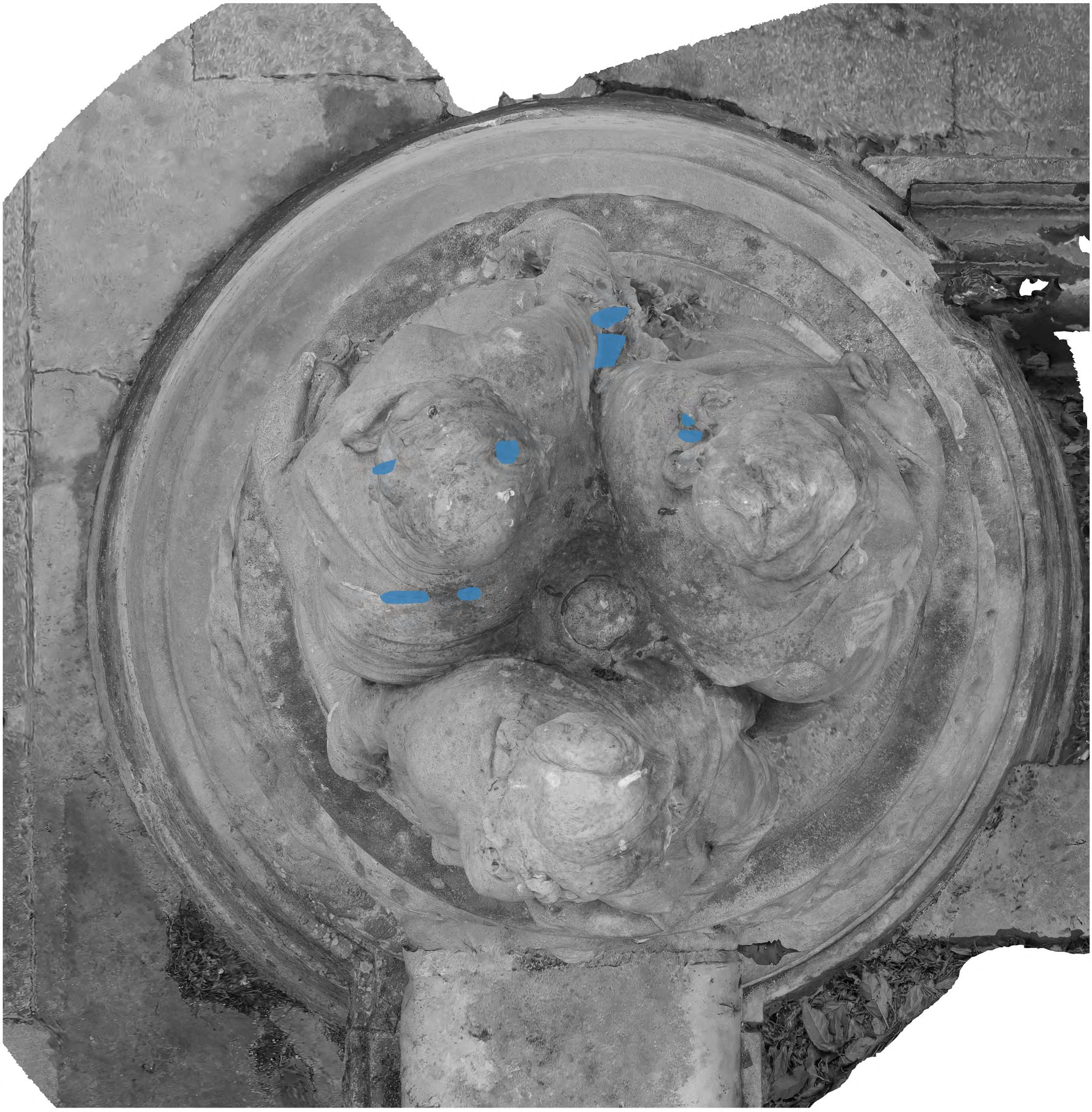
ROAD SIDE

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