

Additional notes and
photographs:

Mortar loss and
cracking to upper
areas.

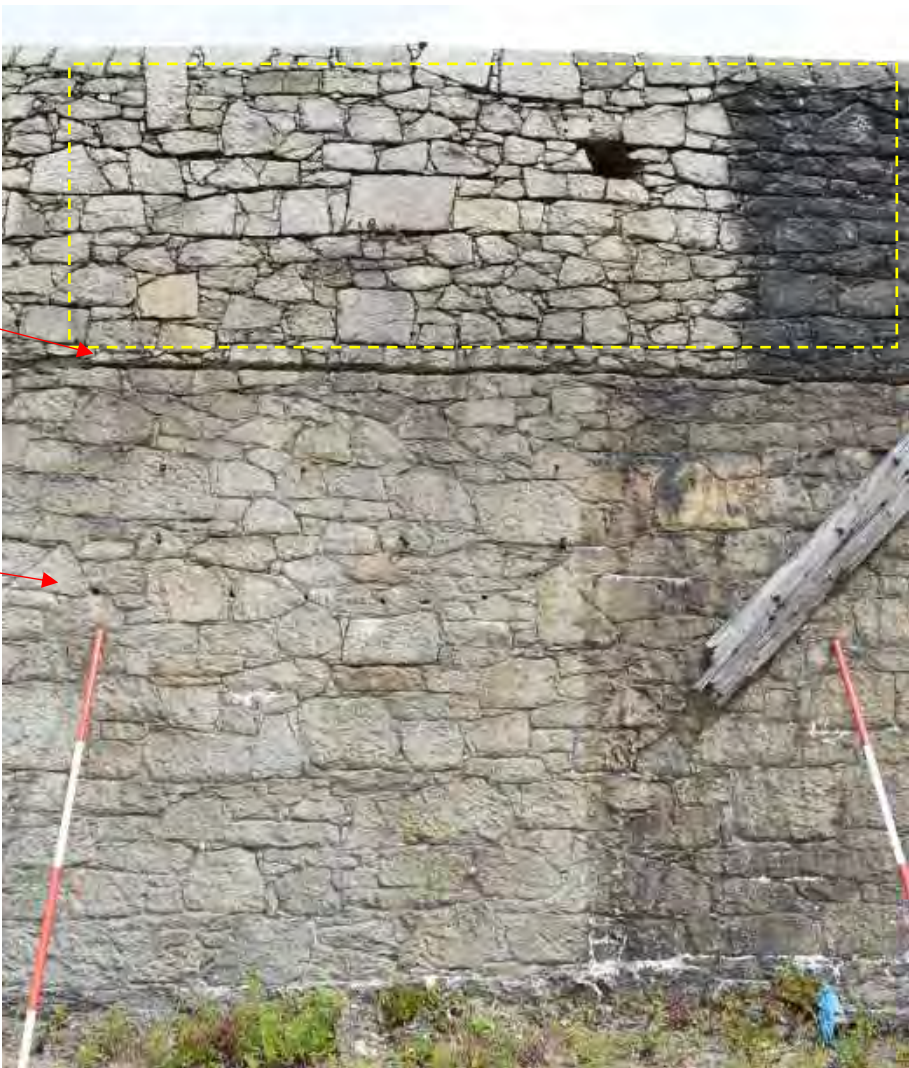


Core hole position.



Hole through wall.



| Location Ref: | BMD Elevation – Section 44 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut into wall.</p> <p>Minor cracking to mortar at lower levels</p> <p>Fixings.</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove fixings and make good. Mortar repair to rebate.</p> |

Additional notes and photographs:

Mortar loss and cracking to upper wall areas.




Rebate cut into wall.



Cracking of mortar around stones.



| Location Ref: | BMD Elevation – Section 45 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas. Area of repair to coping.</p> <p>Rebate in wall.</p> <p>Timber fixed to wall.</p> <p>Fixings</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove fixings and make good. Mortar repair to rebate.</p> |

Additional notes and
photographs:

Render repair to
coping.




Rebate cut in wall.



Fixings on face of wall.



| Location Ref: | BMD Elevation – Section 46 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut into wall.</p> <p>Minor cracking to mortar at lower levels</p> <p>Fixings.</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove fixings and make good. Mortar repair to rebate.</p> |

Additional notes and
photographs:

Mortar loss and
cracking to upper wall
areas.

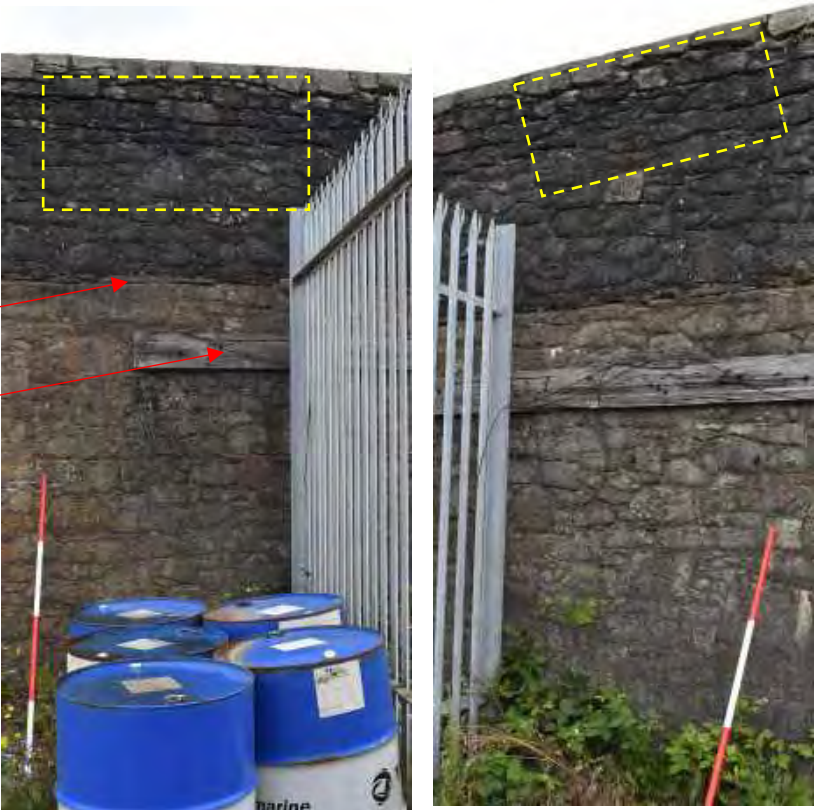


Fixings and rust
staining to face of
wall.



Rebate cut into wall.



| Location Ref: | BMD Elevation – Section 47 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut into wall.</p> <p>Timber board fixed to wall.</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove timber / fixings and make good. Mortar repair to rebate.</p> |


Additional notes and photographs:

Mortar loss to upper wall areas.



Timber board fixed to wall. (240 x 35mm).



| Location Ref: | BMD Elevation – Section 48 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Services fixed to wall.</p> <p>Rebate cut in wall.</p> <p>Timber boarding fixed to wall.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall. Timber boarding fixed to wall.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> <p>Remove timber / fixings and make good.</p> <p>Mortar repair to rebate.</p> <p>Remove services and make good.</p> |

Additional notes and photographs:

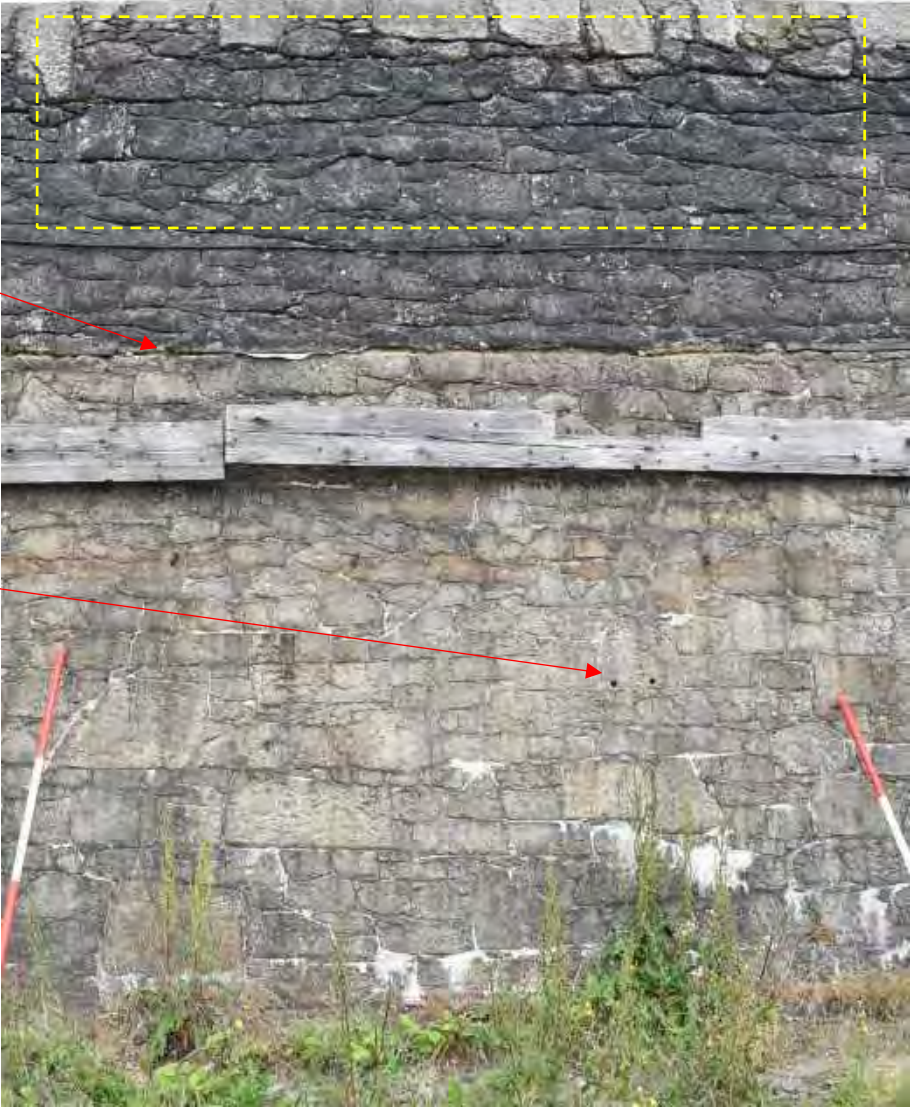
Dark pollution staining to face of wall.

Cracking and mortar loss to upper wall areas.

Rebate cut into wall.

Services on face of wall.



| Location Ref: | BMD Elevation – Section 49 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut into wall.</p> <p>Timber boarding fixed to wall.</p> <p>Fixings.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove services, fixings and make good. Mortar repair to rebate.</p> |

Additional notes and
photographs:

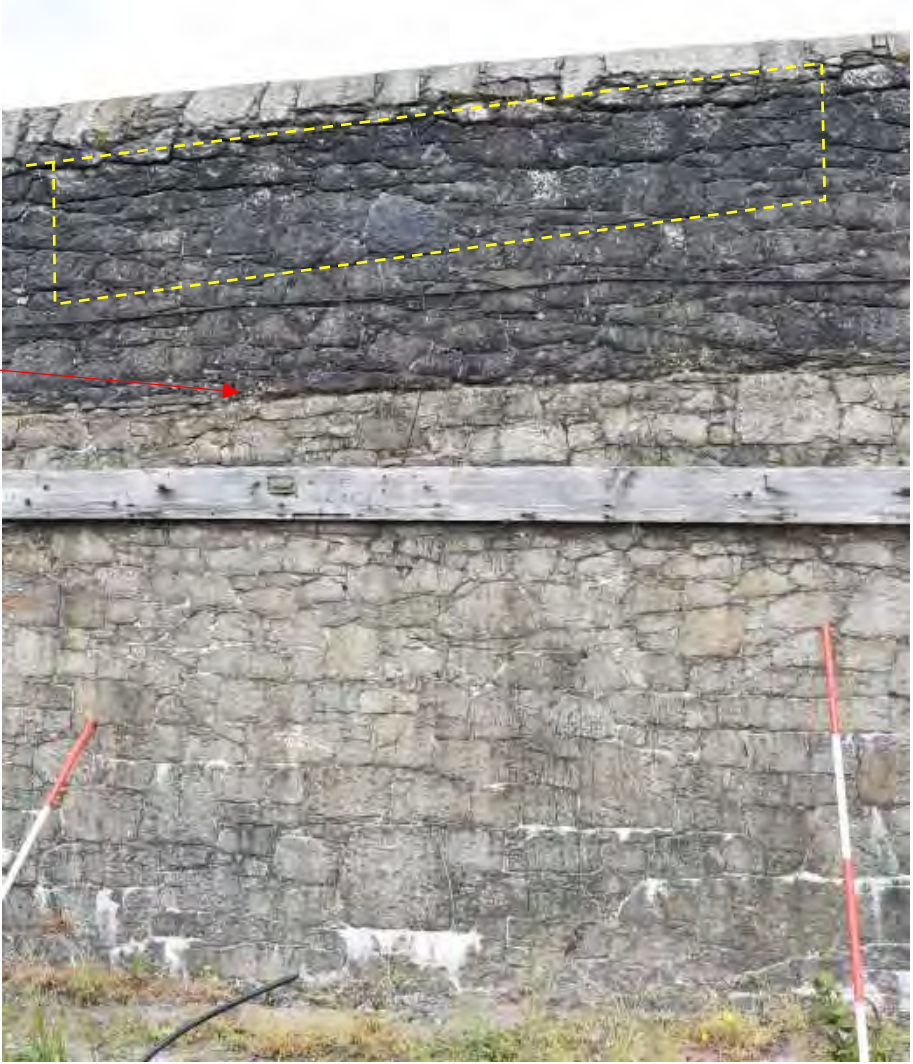
Mortar loss to upper
wall.



Services fixed to face
of stonework. Rebate
cut into wall.



Timber fixed on face
of wall.

| Location Ref: | BMD Elevation – Section 50 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut into wall.</p> <p>Timber fixed to wall.</p> <p>Minor cracking to mortar at lower levels</p> |  <p>The photograph shows a stone wall with a timber beam fixed to it. A yellow dashed rectangle highlights the upper section of the wall, and a red arrow points to a rebate cut into the wall. The wall shows signs of mortar loss and cracking, particularly in the upper sections. The lower section of the wall shows minor cracking to the mortar.</p> |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove timber, fixings and make good. Mortar repair to rebate.</p> |

Additional notes and
photographs:



Plant growth to upper
wall area.



Rebate cut into wall.

Services on face of
wall.



| Location Ref: | BMD Elevation – Section 51 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate in wall. </p> <p>Timber fixed to wall.</p> <p>Minor cracking to mortar at lower levels</p> <p>Paint on wall.</p> <p>Calcium deposits.</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall Some paint and calcium deposits at low level.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove fixings and make good. Mortar repair to rebate. Remove paint from face of wall.</p> |

Additional notes and photographs:

Mortar loss and cracking at upper wall level.




Rebate cut in wall.



Paint on lower wall areas.



| Location Ref: | BMD Elevation – Section 52 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Rebate cut in wall.</p> <p>Services on wall.</p> <p>Minor cracking to mortar at lower levels</p> <p>Calcium deposits</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall and rebate cut into wall</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove fixings and make good. Mortar repair to rebate.</p> |


Additional notes and
photographs:

Rebate cut into wall.



Calcium deposits on
lower wall.



| Location Ref: | BMD Elevation – Section 53 and part 54 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Services on wall.</p> <p>Minor cracking to mortar at lower levels</p> <p>Traces of white paint.</p> |  |
| <p>Condition:</p> | <p>Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Mechanical fixings applied to wall. Some traces of paint on wall.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> <p>Remove fixings and make good.</p> <p>Mortar repair to rebate.</p> <p>Remove paint from stonework.</p> |





Additional notes and photographs:

Mortar loss and cracking to upper wall areas.

Conduit on face of wall.

Traces of white paint finishes.




| Location Ref: | BMD Elevation – Section part 54, 55, 56 and 57 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> | <div data-bbox="507 241 967 544"></div> <div data-bbox="978 241 1437 544"></div> <div data-bbox="507 562 967 864"></div> <div data-bbox="978 562 1437 864"></div> <p>Electrical sub-station obscures wall.</p> |
| <p>Condition:</p> | <p>Not possible to review wall condition in these areas.</p> <p>Proposed treatment:</p> <p>Assume similar treatment to adjacent wall areas together with repairs to rebated brickwork and possible removal of finishes from wall.</p> |

Additional notes and
photographs:

Top of wall above
substation.



| Location Ref: | BMD Elevation – Section 58 and 59 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Step in wall for gate rebate.</p> <p>Sliding gate and plant growth obscures wall.</p> |  |
| <p>Condition:</p> | <p>Wall appears to be generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair. Gate position obscures wall survey.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and
photographs:

Timber sliding gate.



Iron wheel of gate.



| Location Ref: | RR Elevation – Section 01 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Void area in wall.</p> <p>Cracking in wall.</p> <p>Ironwork in wall (possible handrail)</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Diagonal cracking within wall possibly due to settlement of gate pier. Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

Plant growth in mortar joints.

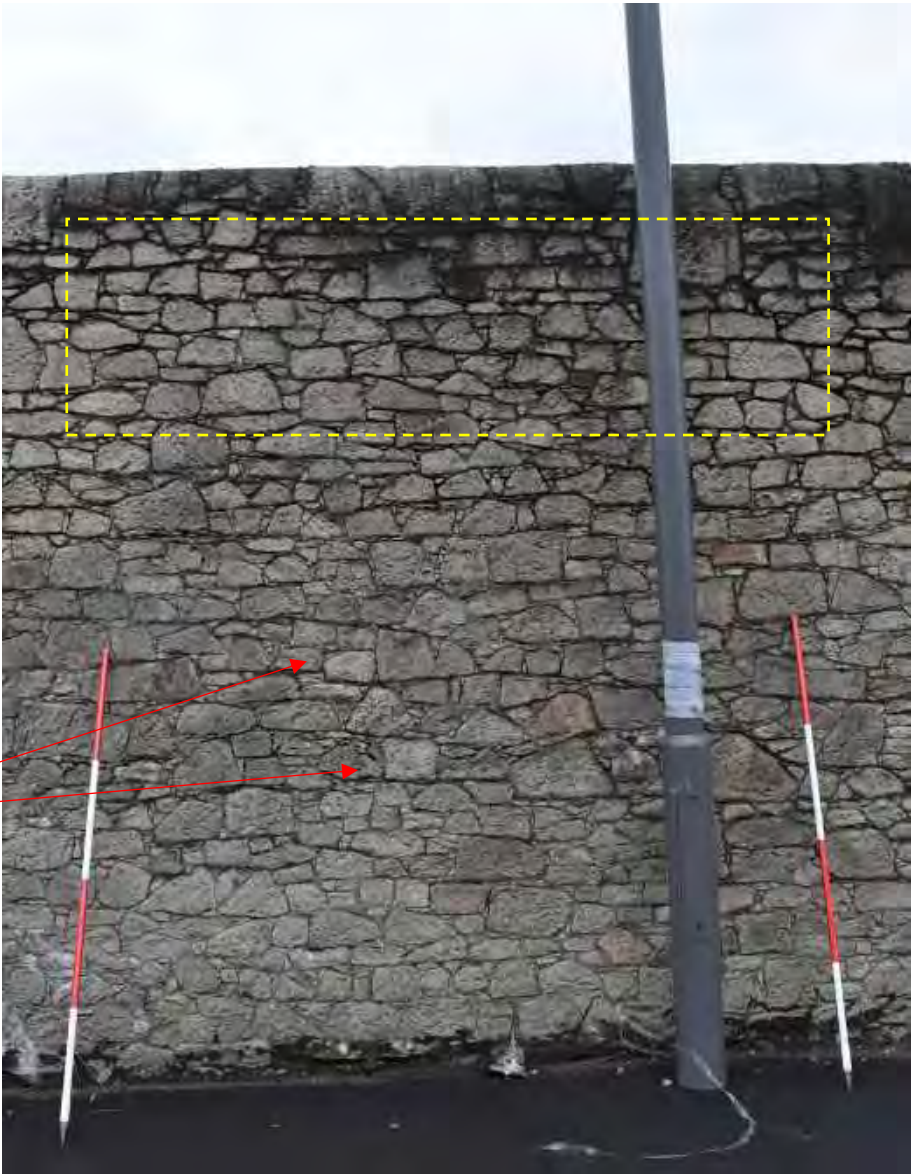


Cracking of mortar showing displacement of stonework.



Embedded ironwork (possibly handrail to gate pier).



| Location Ref: | RR Elevation – Section 02 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> <p>Cracking</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangular box is drawn on the upper portion of the wall, indicating an area of interest. Two red arrows originate from the word 'Cracking' in the text to the left and point to specific areas of mortar cracking in the lower-middle section of the wall. A vertical utility pole is visible on the right side of the wall, and two red-and-white striped survey poles are positioned at the base of the wall for scale.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

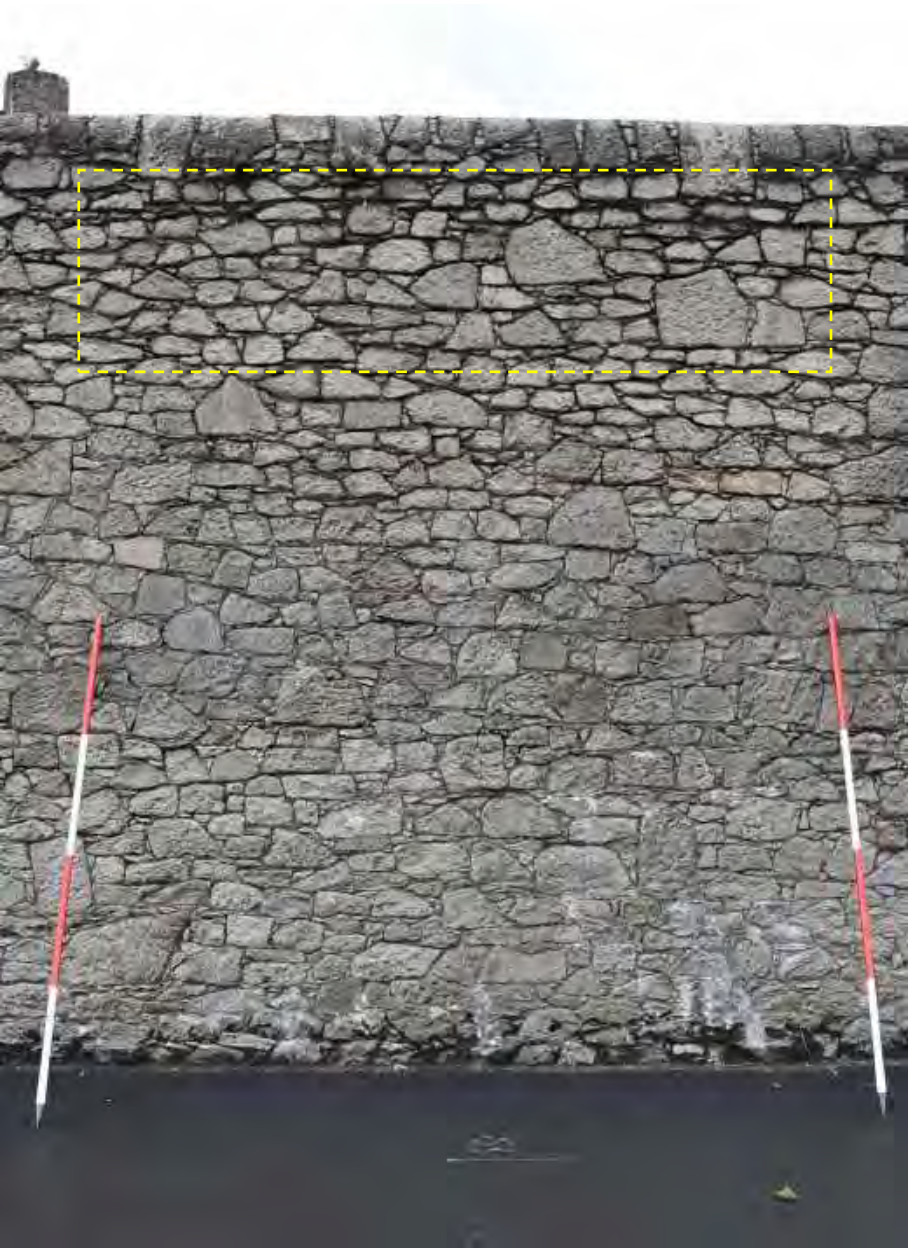
Additional notes and
photographs:

Cracking of mortar
around stones.



Calcium deposits.



| Location Ref: | RR Elevation – Section 03 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits.



| Location Ref: | RR Elevation – Section 04 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

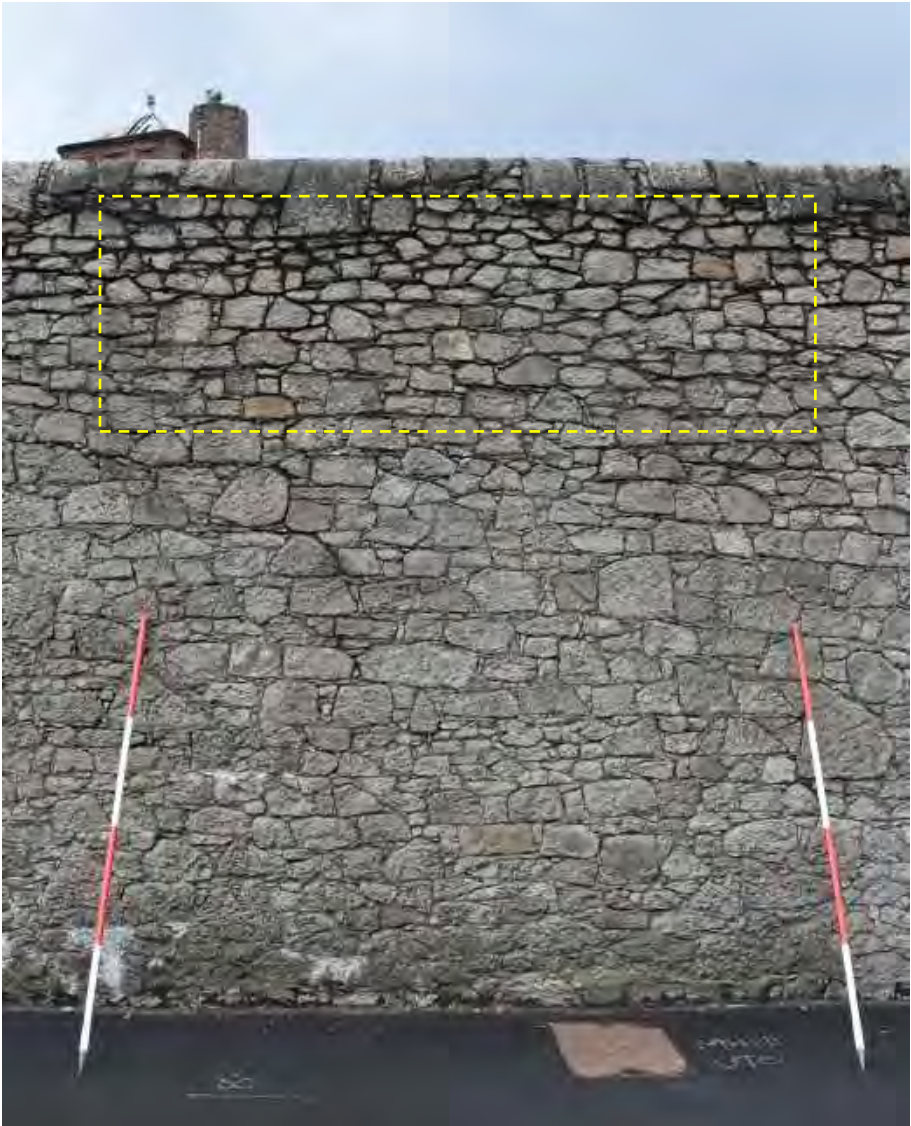
Additional notes and
photographs:



Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

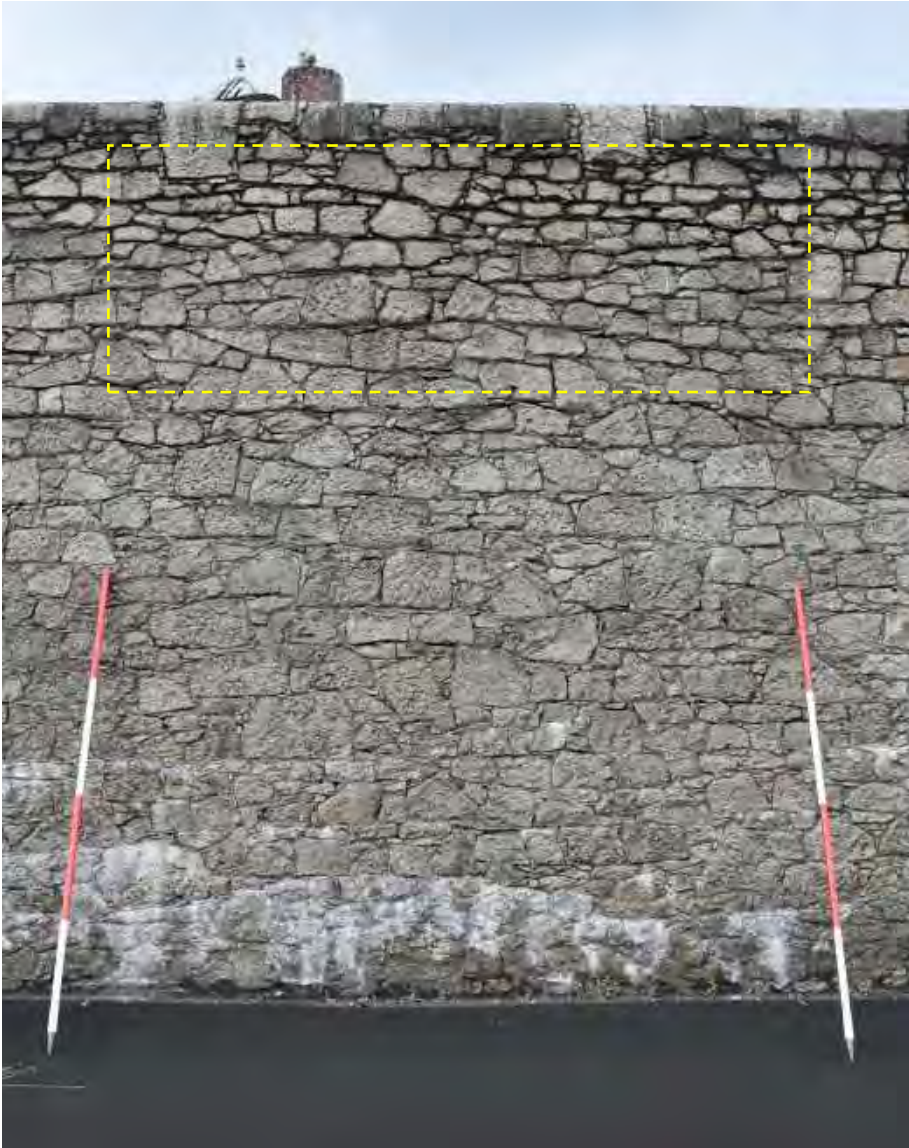


Mortar loss around
stones.



| Location Ref: | RR Elevation – Section 05 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

| | |
|--|--|
| | |
| <p data-bbox="204 235 459 302">Additional notes and photographs:</p> <p data-bbox="204 342 480 481">Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p data-bbox="204 880 400 981">Mortar loss and cracking around stones.</p> | <div data-bbox="635 286 1319 741">A photograph showing the upper portion of a stone wall, specifically the coping stones. The stones are laid in a regular pattern, and the mortar joints between them have been re-pointed, appearing lighter and more uniform than the surrounding older mortar.</div> <div data-bbox="630 779 1316 1234">A close-up photograph of the stone masonry. It highlights areas of mortar loss and cracking around the stones. The stones themselves are irregular in shape and size, with a rough, weathered texture. The mortar is a light grey color, and the cracks are visible in several places, particularly around the edges of the stones.</div> |

| Location Ref: | RR Elevation – Section 06 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangle is drawn over the upper portion of the wall, indicating the area of re-pointing. Two vertical poles with red and white segments are positioned at the base of the wall to provide a sense of scale. The wall itself is constructed from irregular stones with visible mortar joints.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

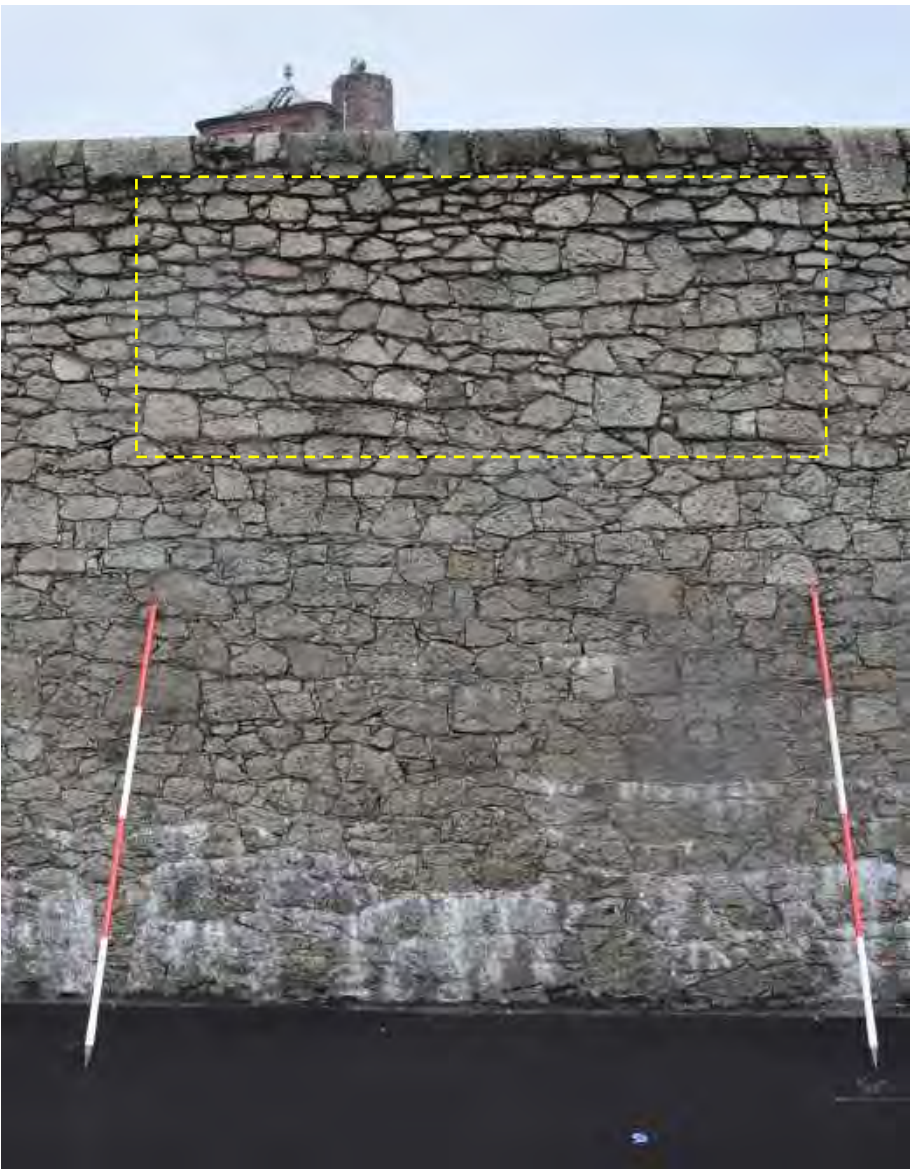
Additional notes and
photographs:

Mortar loss and
cracking to upper wall.



Calcium deposits.

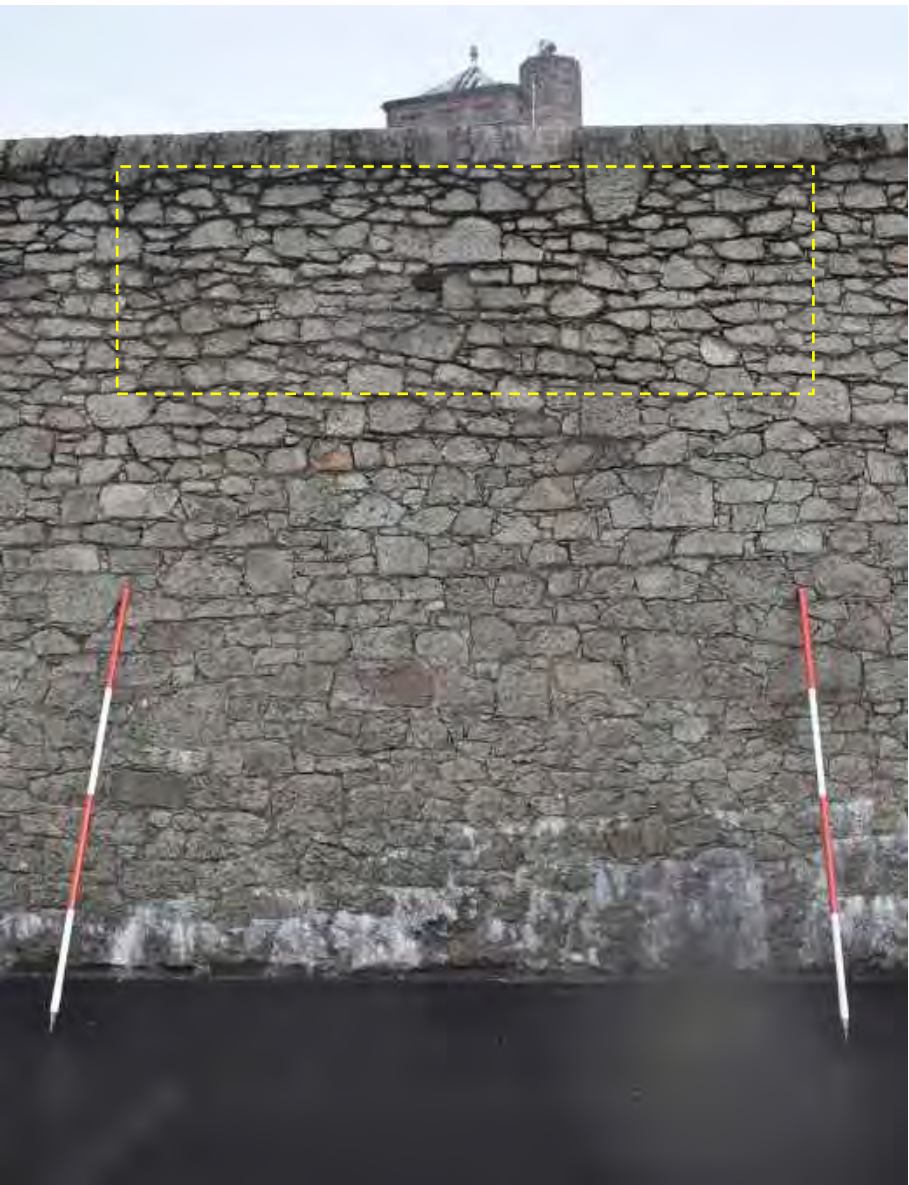


| Location Ref: | RR Elevation – Section 07 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

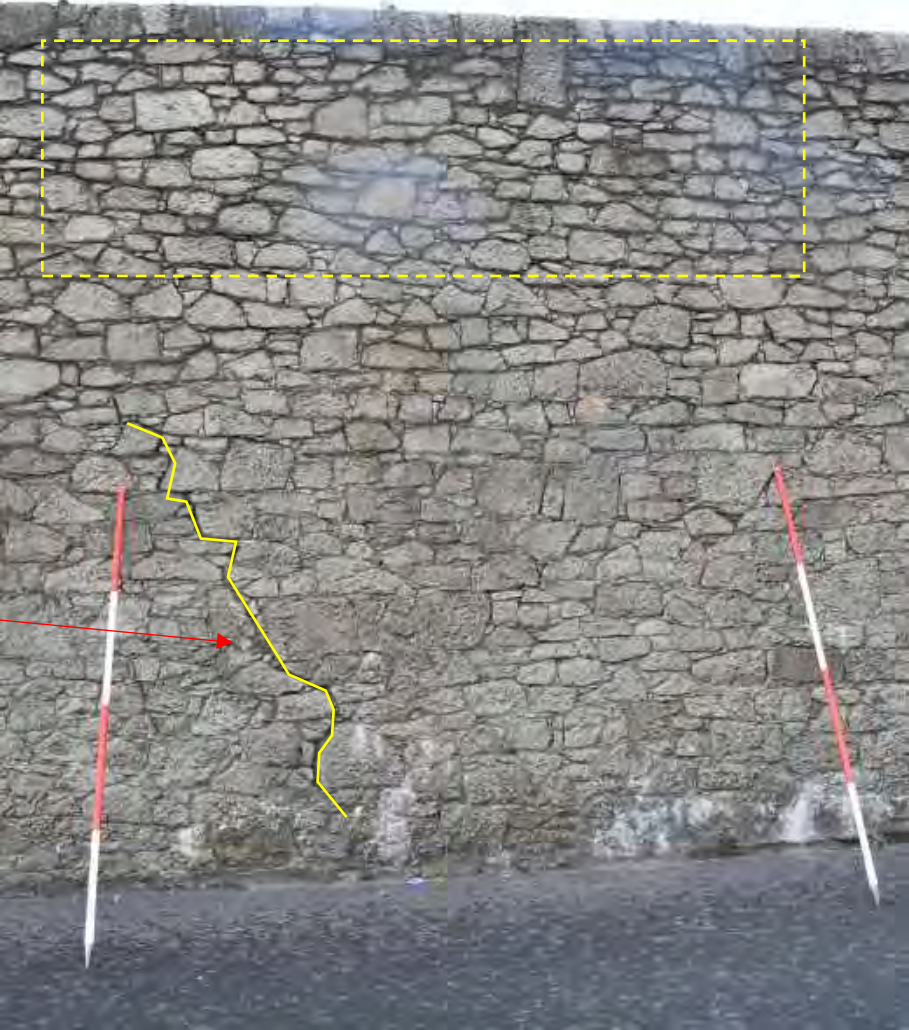


| Location Ref: | RR Elevation – Section 08 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

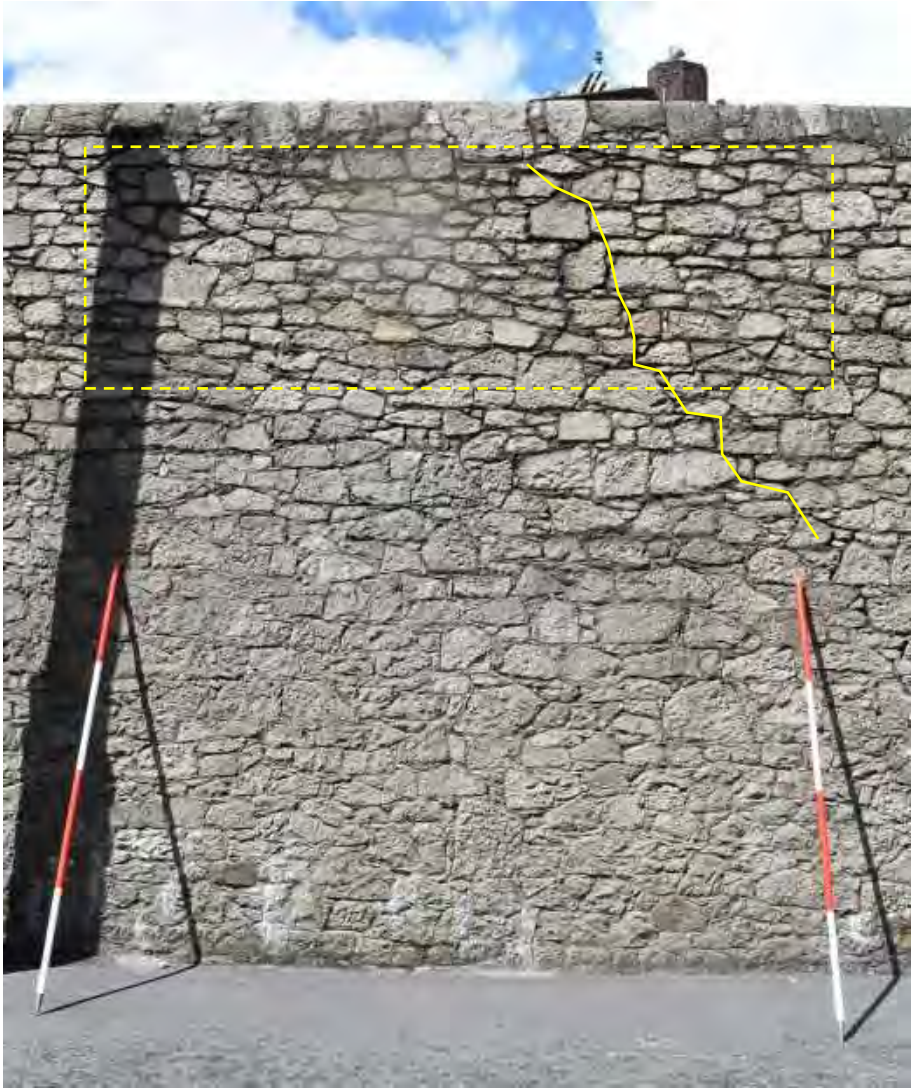


| Location Ref: | RR Elevation – Section 09 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Crack</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Mortar loss and
cracking to upper wall.

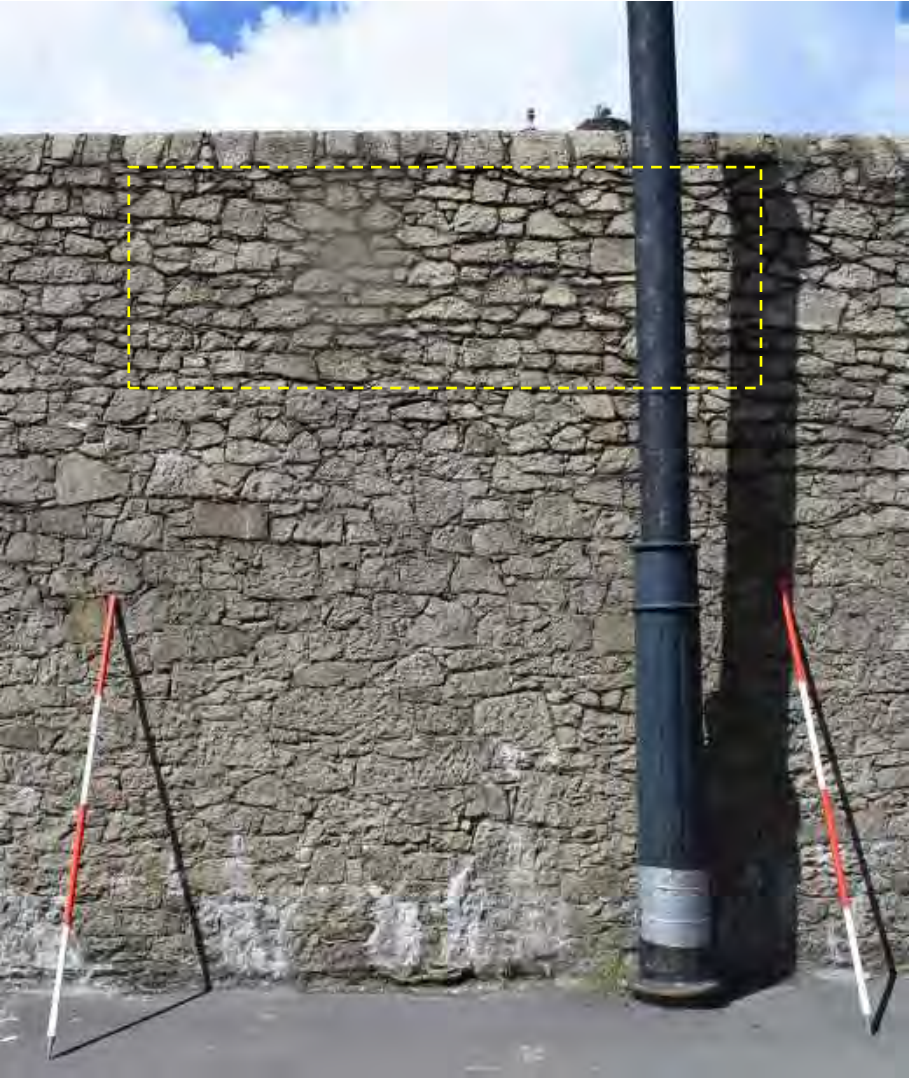


| Location Ref: | RR Elevation – Section 10 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Crack</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Mortar loss and
cracking to upper wall.



| Location Ref: | RR Elevation – Section 11 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

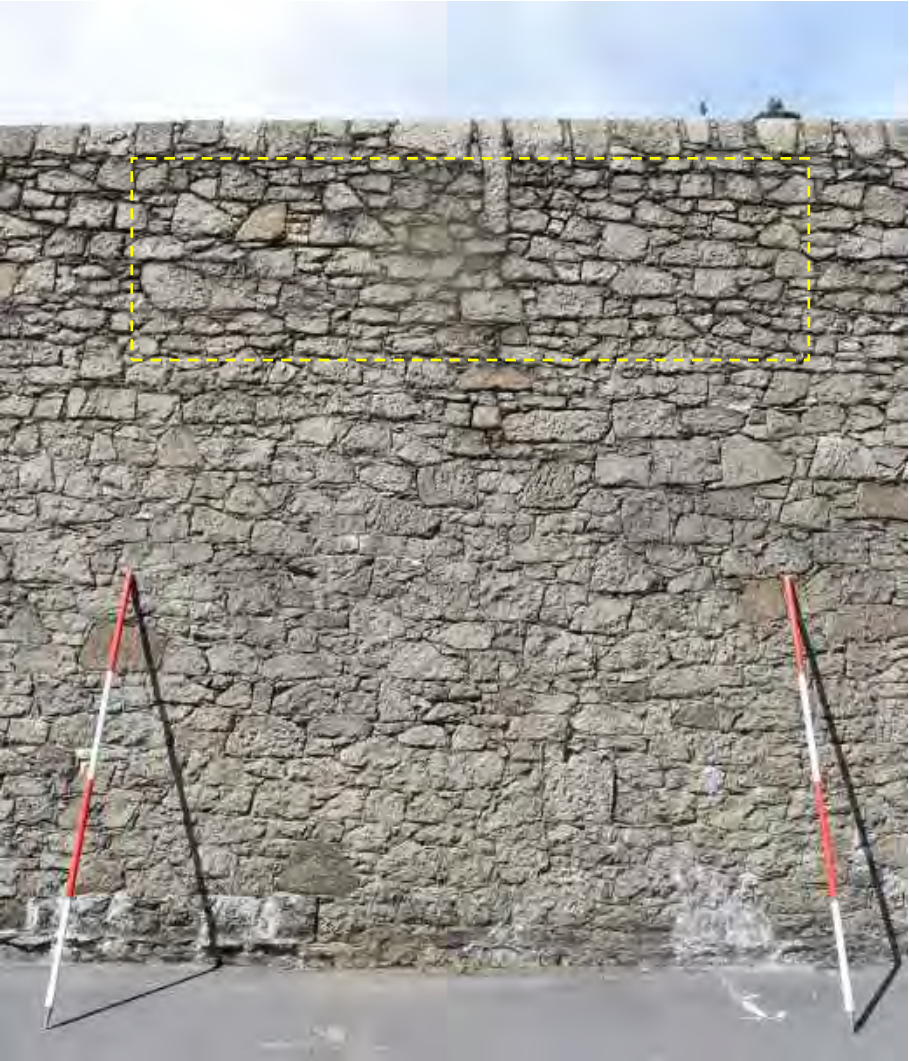
Additional notes and
photographs:

Mortar loss and
cracking to upper wall.



Calcium deposits.




| Location Ref: | RR Elevation – Section 12 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangle is drawn on the upper portion of the wall, indicating the area where coping stones have been re-pointed. Two surveying poles with red and white markings are positioned at the base of the wall, likely for scale or measurement. The wall itself is constructed from irregular stones with visible mortar joints.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

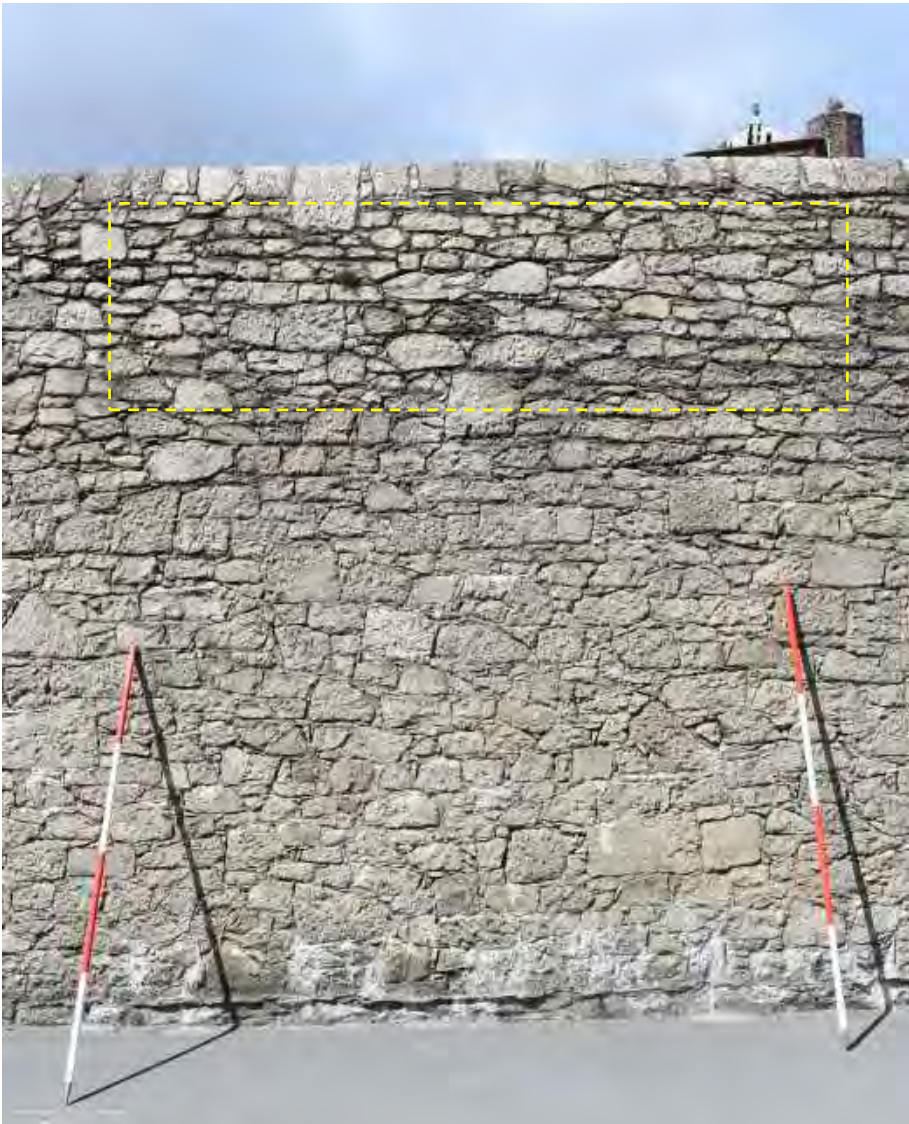


| Location Ref: | RR Elevation – Section 13 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangle is drawn on the upper portion of the wall, indicating the area of re-pointing. Two surveying poles with red and white markings are positioned at the base of the wall for scale. The wall shows signs of wear, including mortar loss and cracking, particularly in the upper section.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

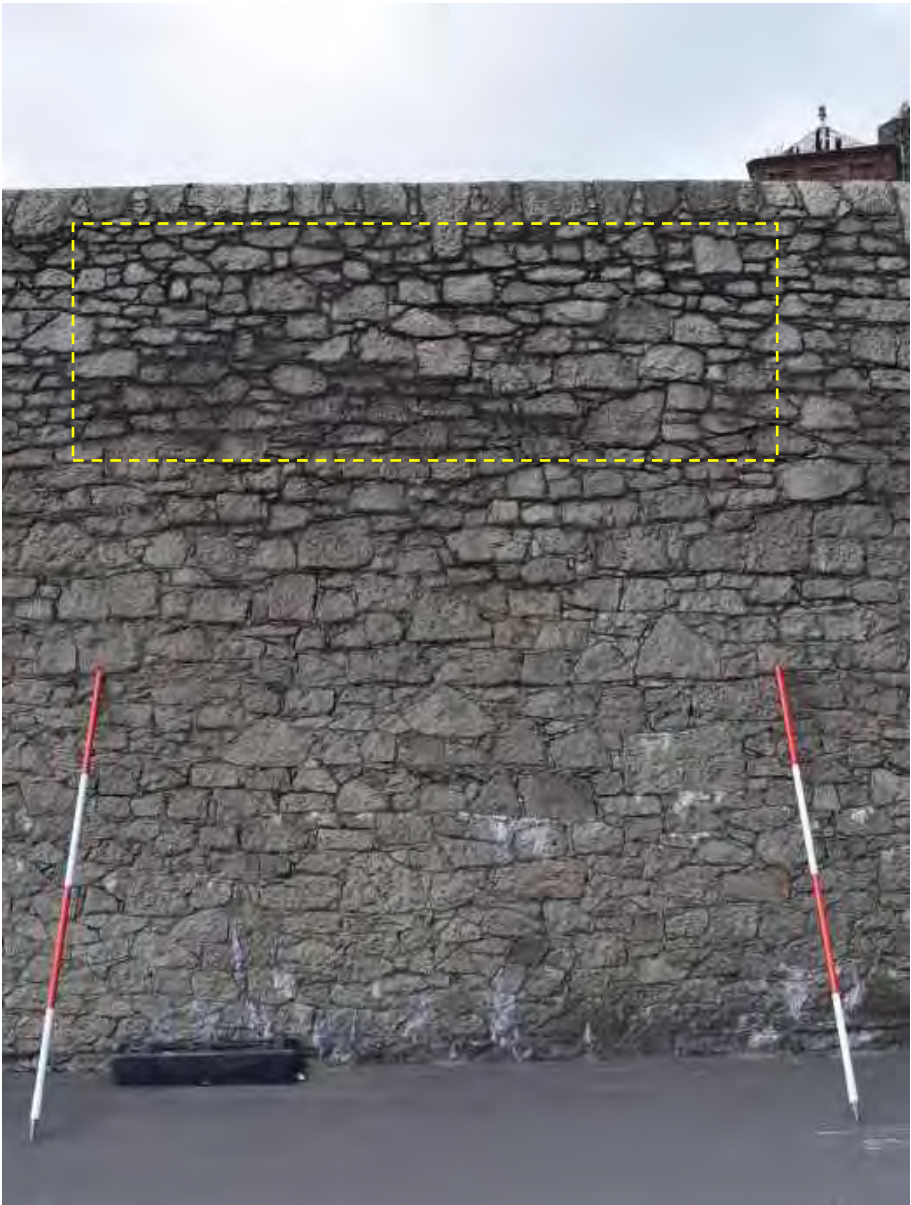


| Location Ref: | RR Elevation – Section 14 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

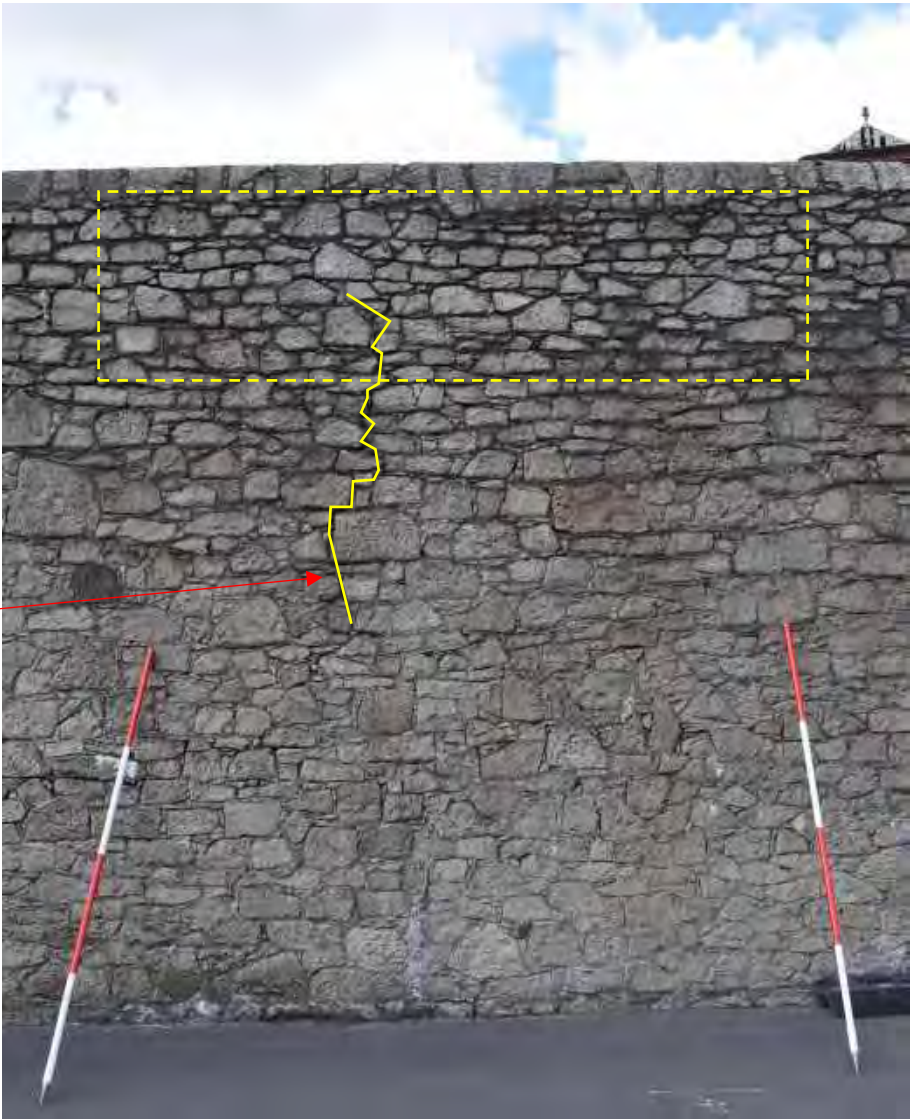


| Location Ref: | RR Elevation – Section 15 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

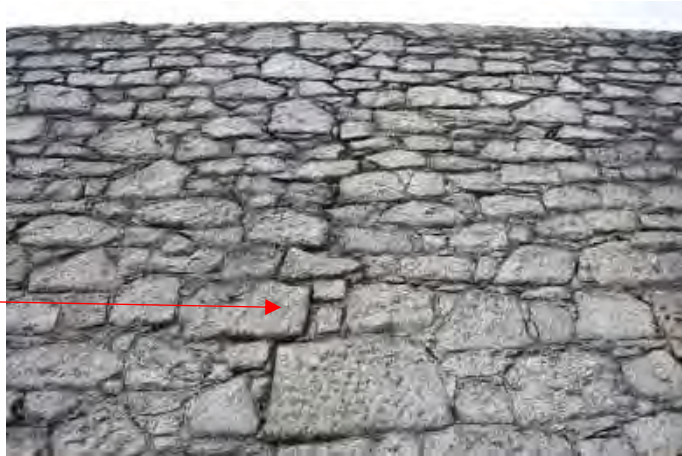


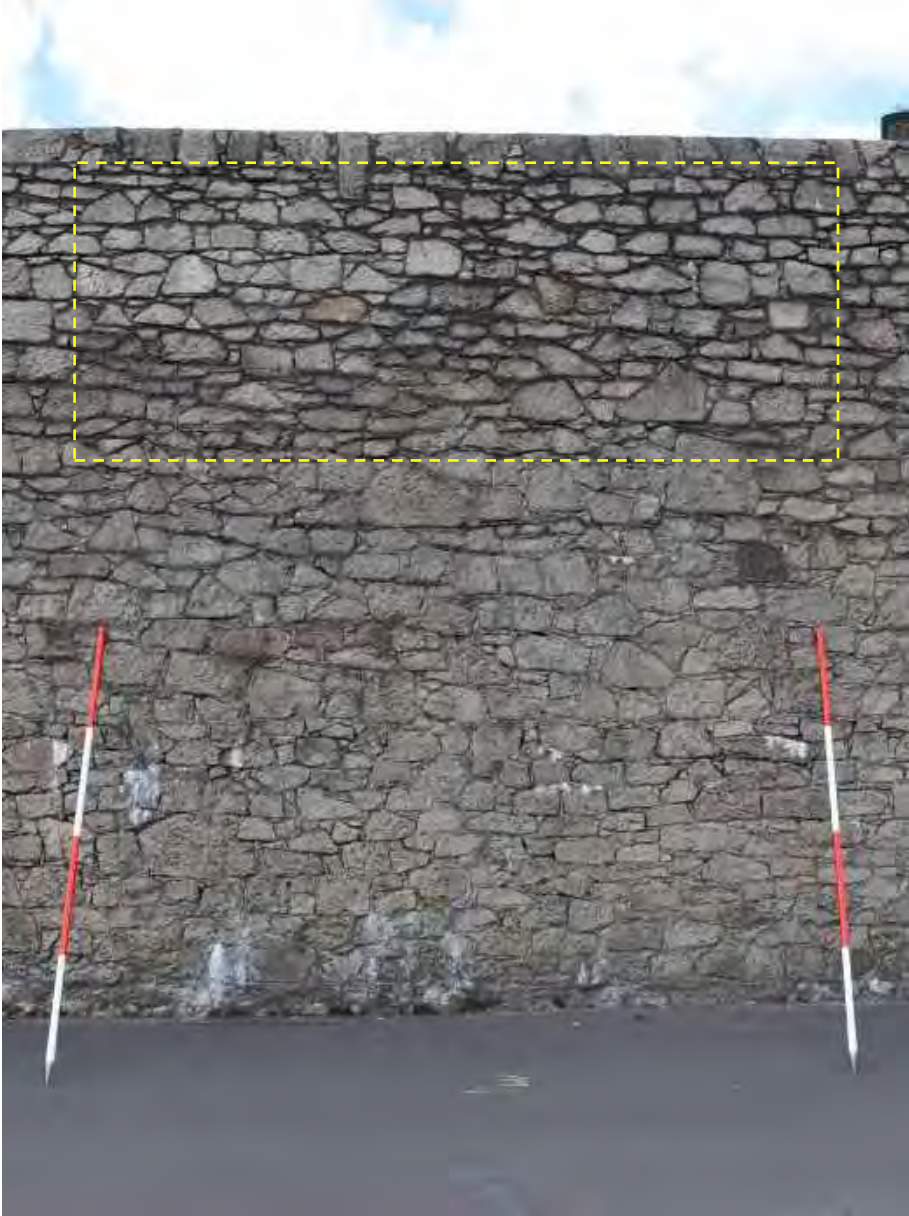
| Location Ref: | RR Elevation – Section 16 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Crack</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

Vertical crack in wall



| Location Ref: | RR Elevation – Section 17 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> |  A photograph of a stone wall, likely made of rough-hewn stones. A yellow dashed rectangle is drawn on the upper portion of the wall, indicating a specific area of interest or repair. Two surveying poles, which are white with red bands, are positioned vertically on either side of the wall at the bottom, providing a scale for the wall's height. The wall appears to be part of a larger structure, possibly a railway embankment or a bridge abutment, given the 'RR Elevation' label. |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and
photographs:



Mortar loss and
cracking to upper wall.

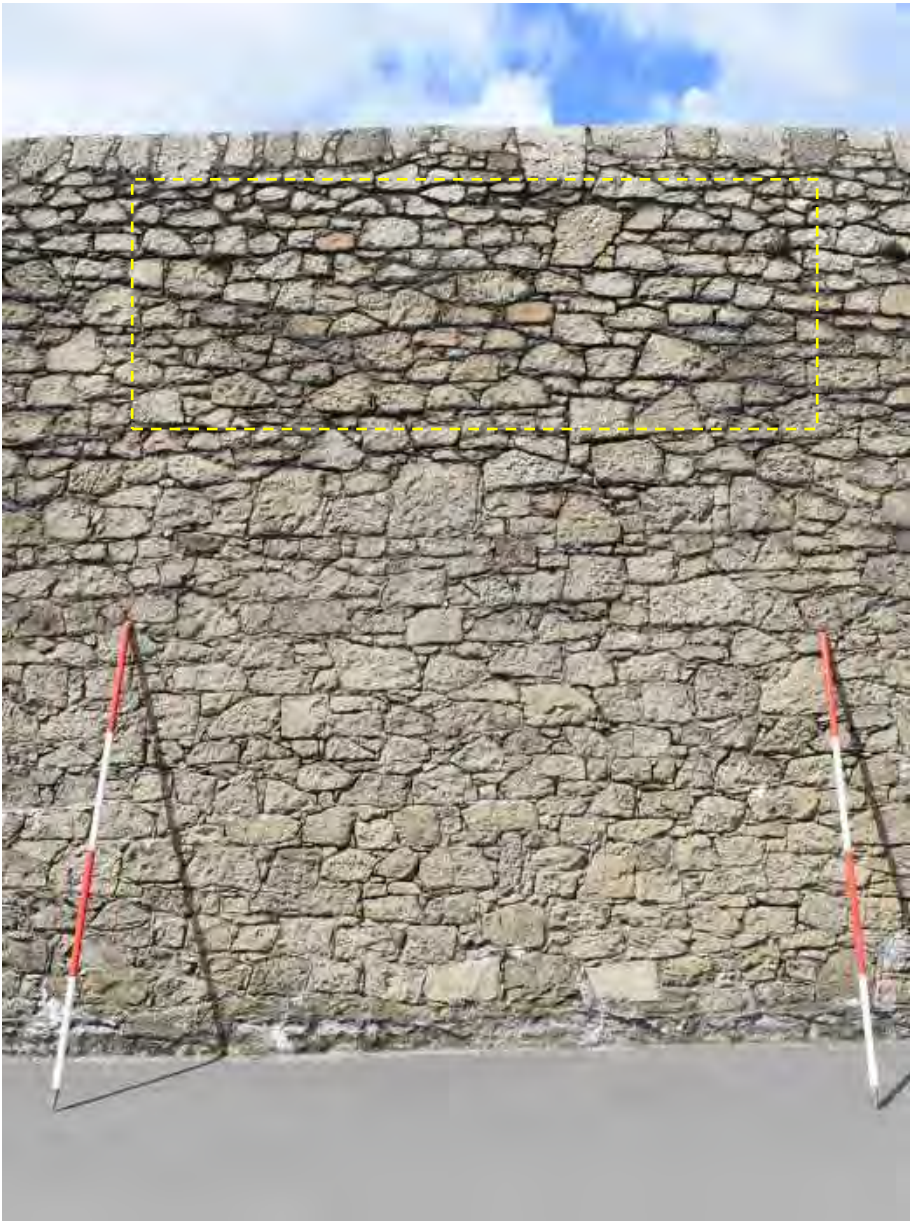


Calcium deposits to
lower wall.



| Location Ref: | RR Elevation – Section 18 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Plant growth.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Calcium deposits to lower wall.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove plant growth, treat and mortar repair.</p> |

| | |
|---|--|
| <p>Additional notes and photographs:</p> <p>Mortar loss and cracking to upper wall. Vegetation growth in void areas.</p> <p>Calcium deposits to lower wall areas.</p> | <p>9</p> <div data-bbox="644 219 1331 674">A close-up photograph of a stone wall. The stones are irregular and weathered. Several thin, dark stems with small green leaves are growing out of the gaps between the stones.</div> <div data-bbox="644 725 1331 1180">A close-up photograph of a stone wall. The stones are irregular and weathered. There are prominent white, crystalline deposits on the surface of the stones, particularly in the lower half of the image.</div> |
|---|--|

| Location Ref: | RR Elevation – Section 19 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> |  A photograph of a stone wall, likely made of rough-hewn stones, showing some mortar loss and cracking. A yellow dashed rectangle highlights the upper section of the wall, indicating the area of re-pointing. Two surveying poles are visible at the base of the wall, used for measurement. |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits to lower wall areas.



| Location Ref: | RR Elevation – Section 20 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> <p>Calcium deposits at low level.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

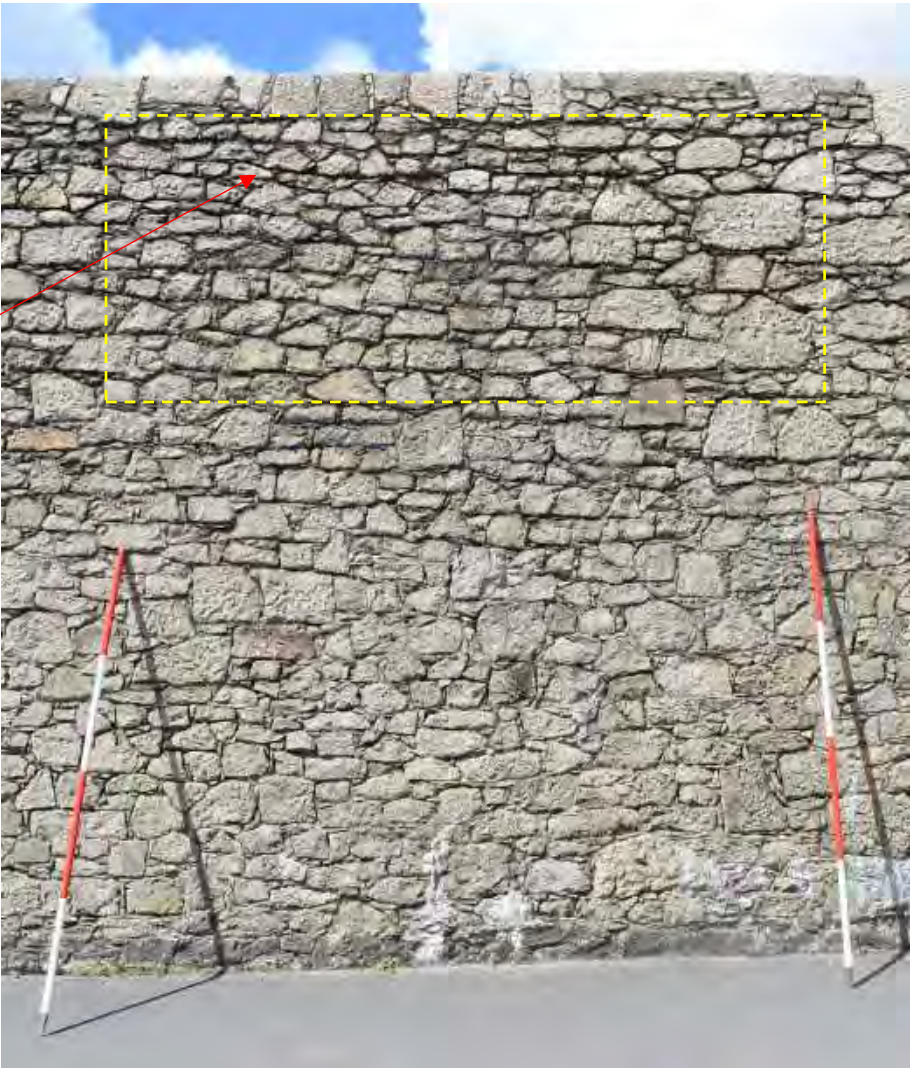


Mortar loss around small stone elements (loose).



Calcium deposits at low level.



| Location Ref: | RR Elevation – Section 21 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Plant growth in crack.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> <p>Calcium deposits to lower wall.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

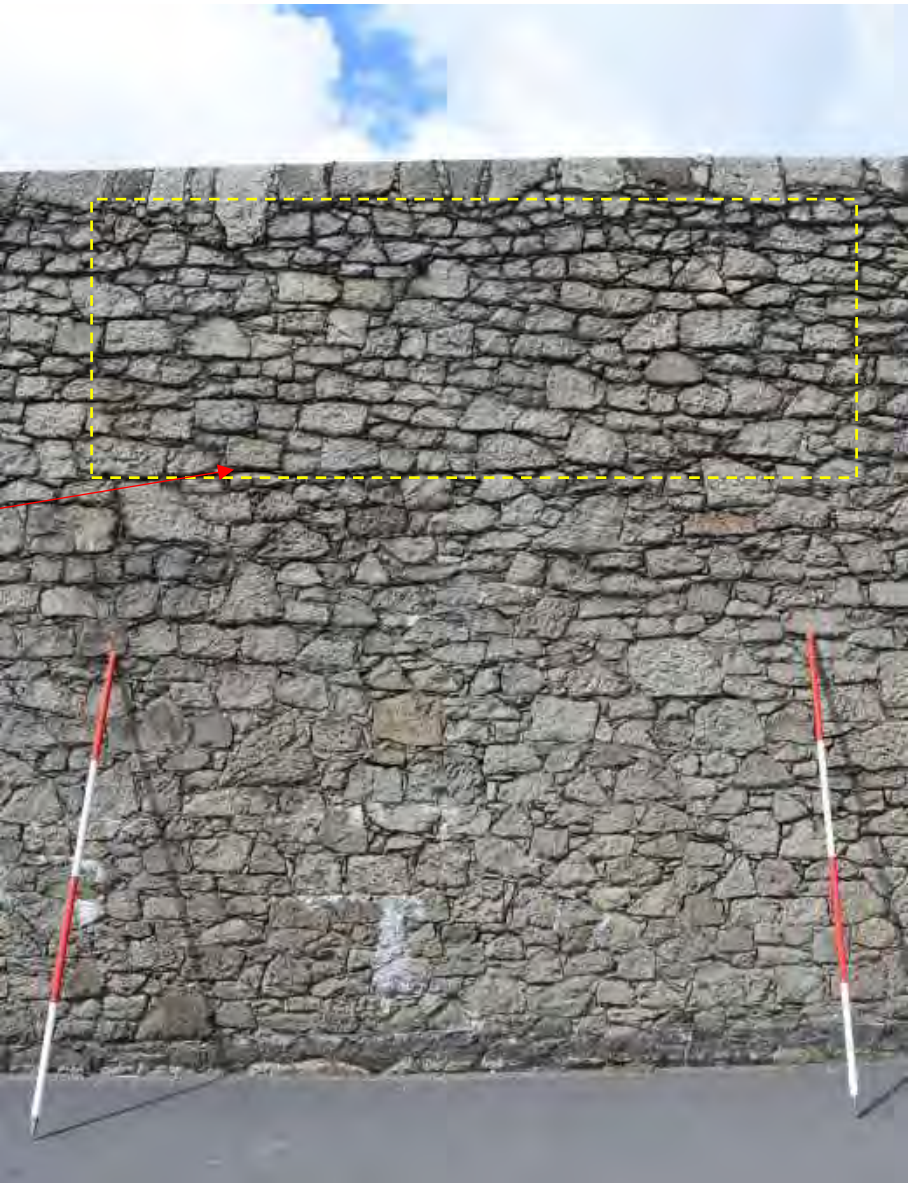
Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

Plant growth in crack.

Calcium deposits at
low level.



| Location Ref: | RR Elevation – Section 22 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Crack</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

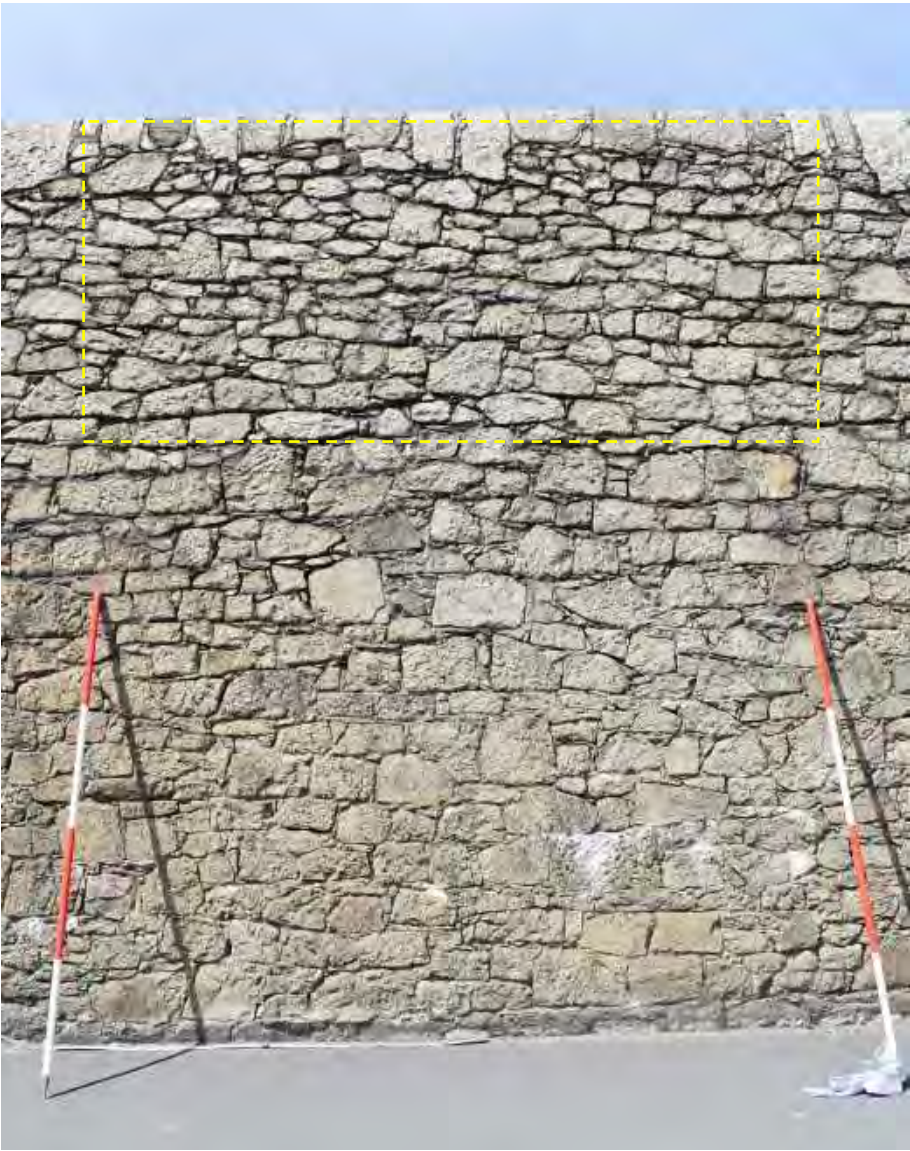
Additional notes and photographs:




Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.





Weathered pointing mortar at mid height on wall.



| Location Ref: | RR Elevation – Section 23 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Significant mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

| | |
|---|---|
| <p>Additional notes and photographs:</p> <p>Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p>Vertical crack line</p> <p>Loose small stone elements where mortar is missing.</p> <p>Calcium deposits at low level.</p> |    |
|---|---|

| Location Ref: | RR Elevation – Section 24 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Render and broken glass to coping. </p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Consider removal of upper render and broken glass elements.</p> |

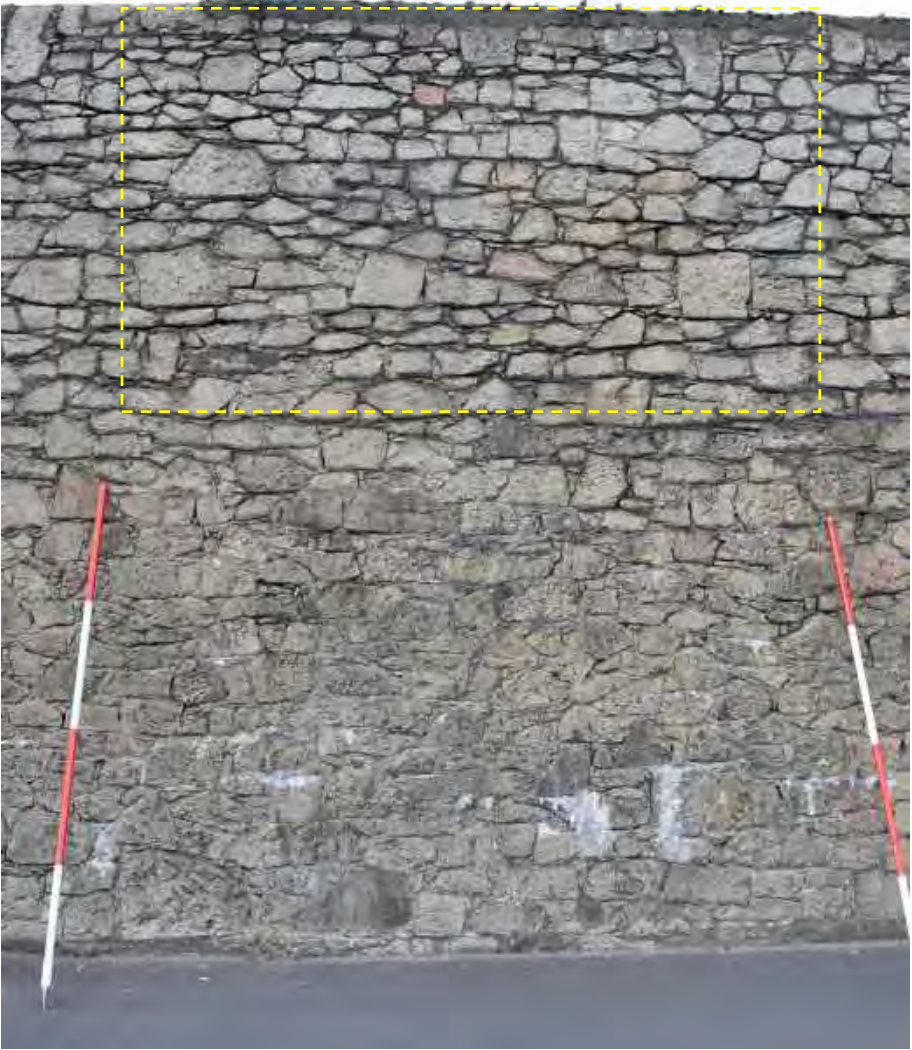
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Loose small stones where mortar is missing.



| Location Ref: | RR Elevation – Section 25 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Render and broken glass to top of coping.</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

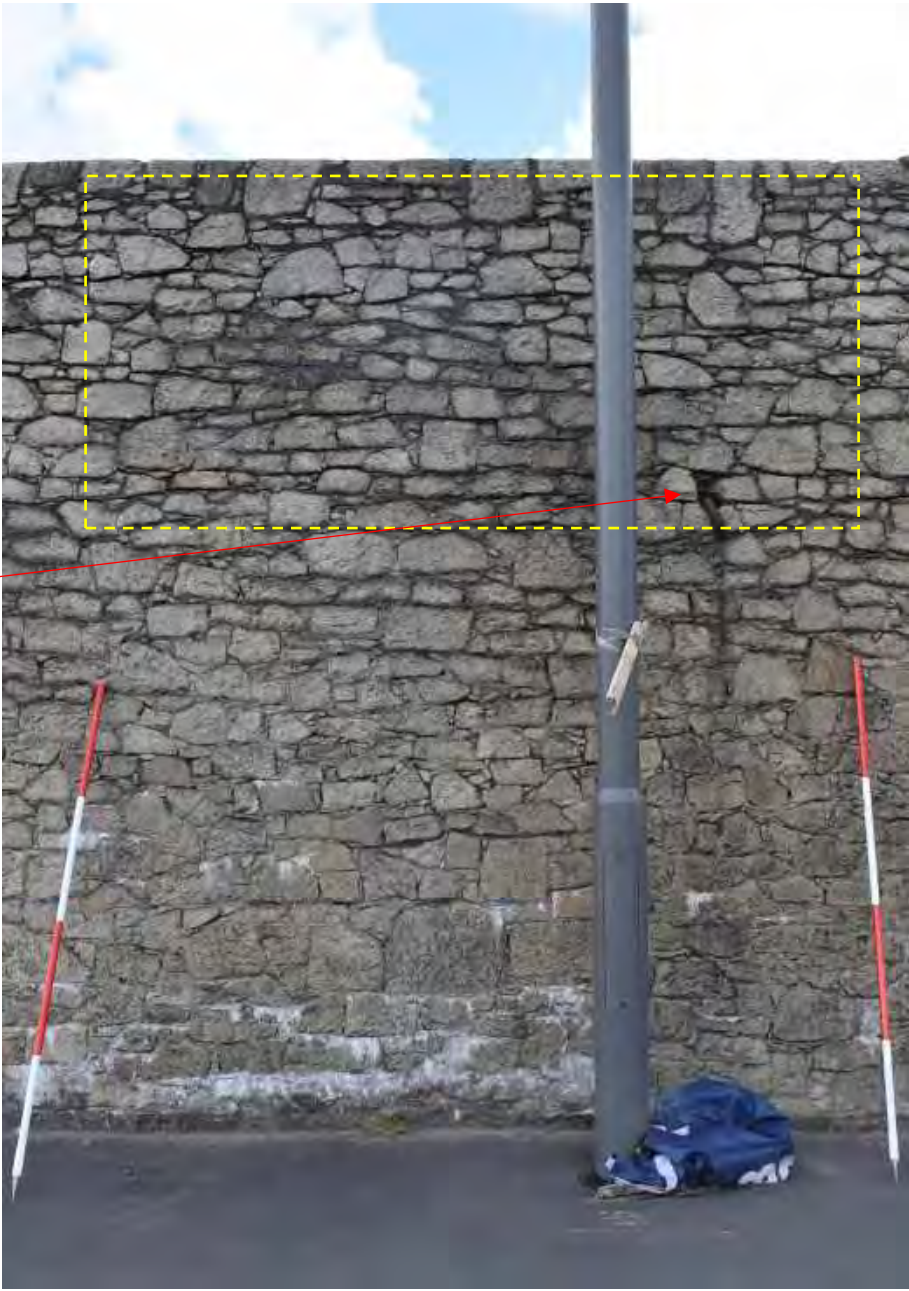


Mortar loss around stones .



Calcium deposits at low level.



| Location Ref: | RR Elevation – Section 26 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Conduit in wall.</p> <p>Minor cracking to mortar at lower levels.</p> <p>Calcium deposits at low level.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove conduit and repair void.</p> |


Additional notes and photographs:

Coping stones have been re-pointed. Mortar loss and cracking to upper wall.



Remains of conduit in wall.



| Location Ref: | RR Elevation – Section 27 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

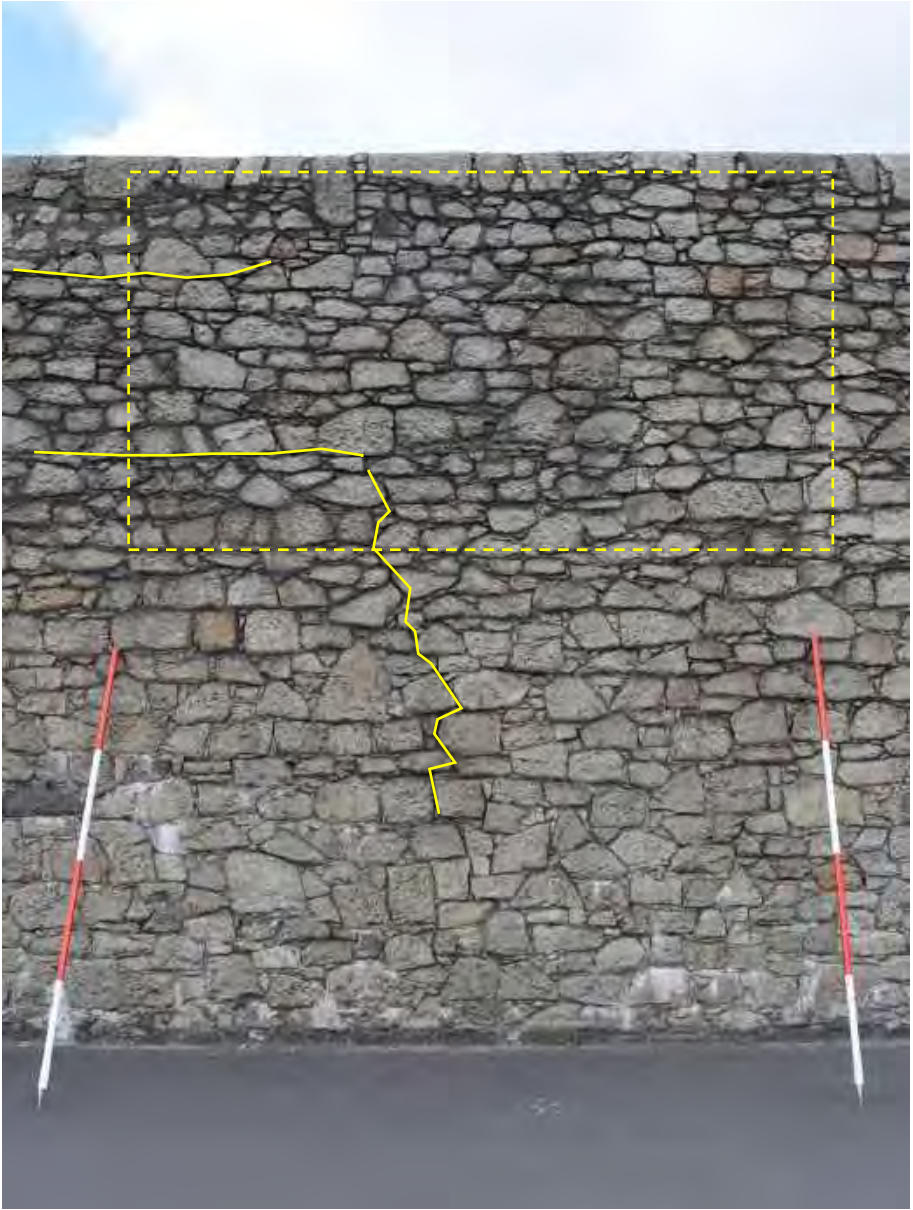


Crack line



Mortar loss around stones.



| Location Ref: | RR Elevation – Section 28 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

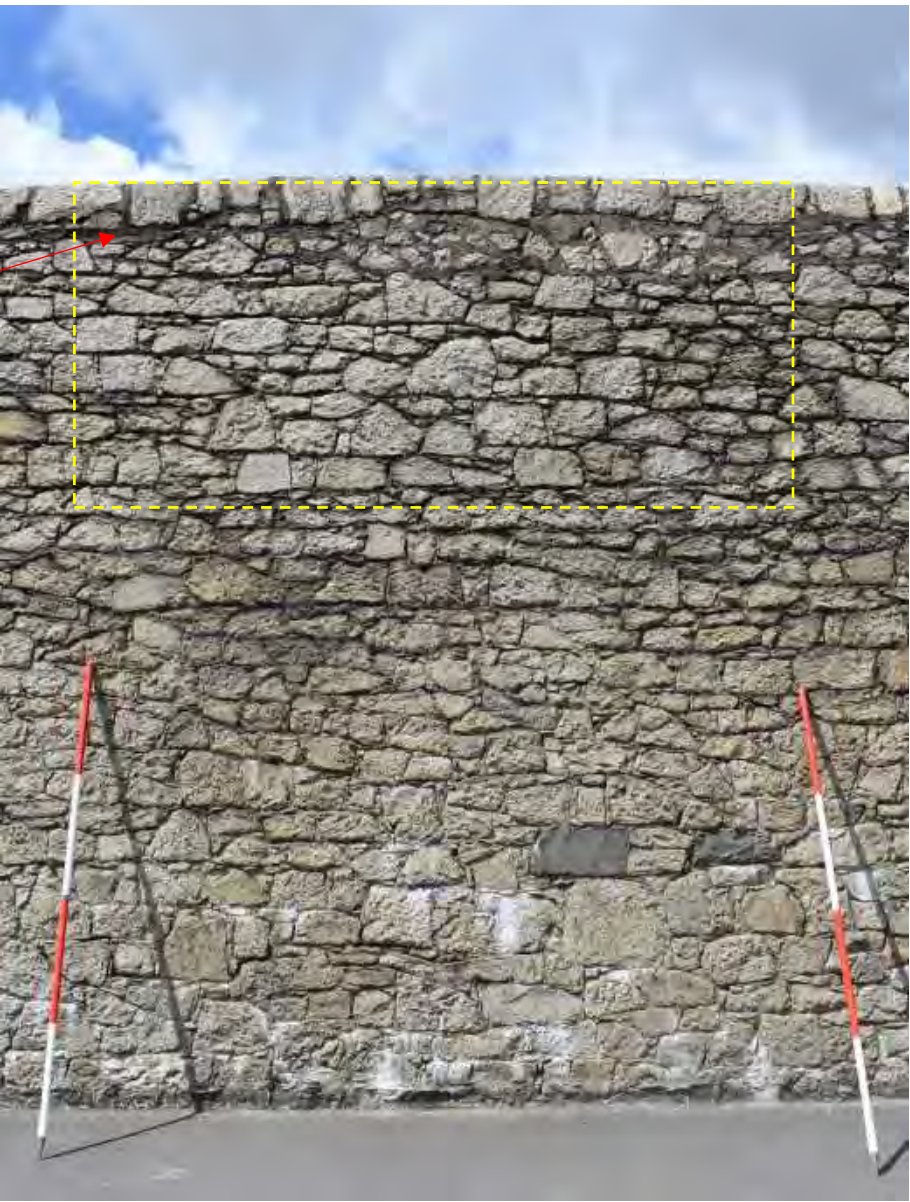
Additional notes and photographs:



Coping stones have been re-pointed. Mortar loss and cracking to upper wall.

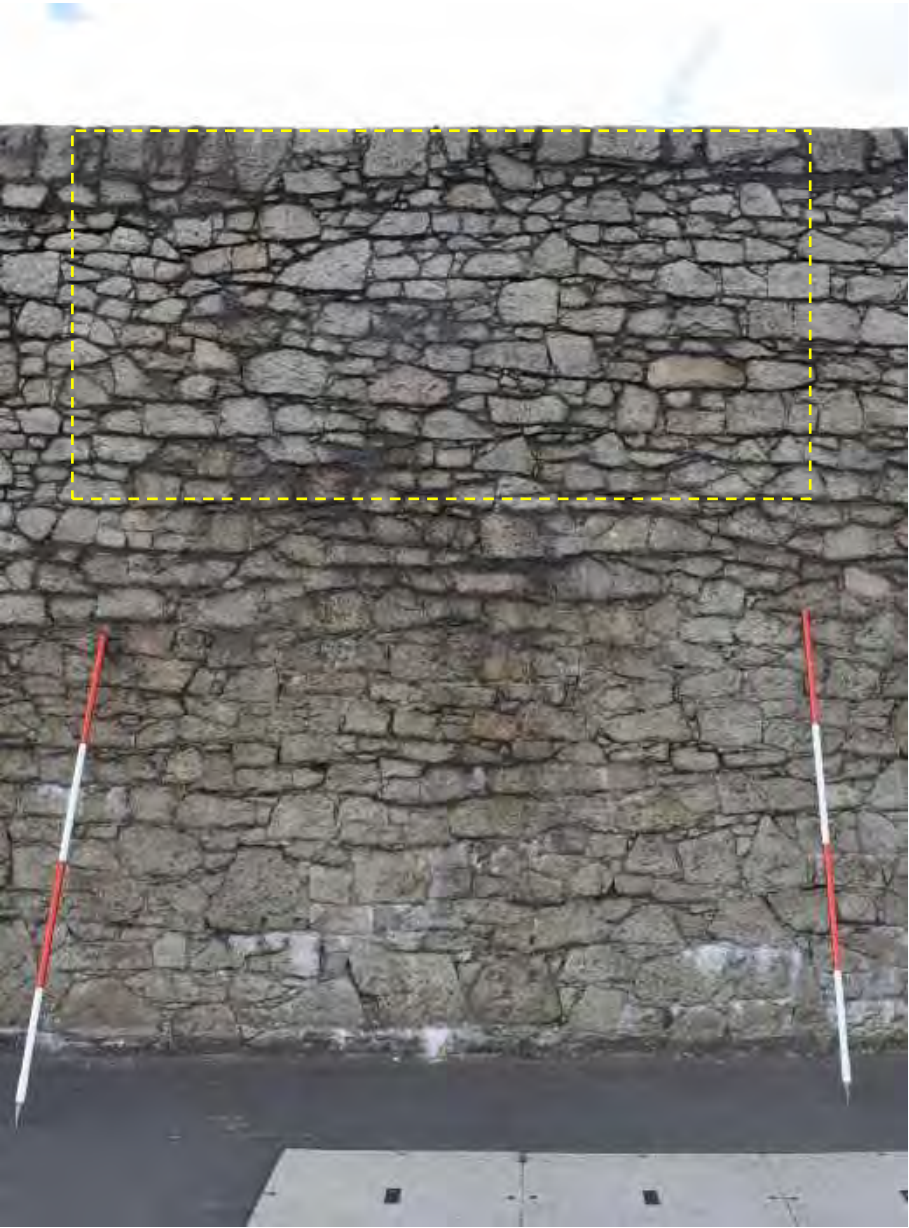


Calcium deposits at low level.



| Location Ref: | RR Elevation – Section 29 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Large crack to underside of the coping stones.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Large crack under coping stones – mortar fill. Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

| | |
|---|--|
| <p>Additional notes and photographs:</p> <p>Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p>Crack to underside of the coping stones.</p> <p>Crack to underside of coping stones.</p> |   |
|---|--|

| Location Ref: | RR Elevation – Section 30 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Significant cracking to underside of the coping stones.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

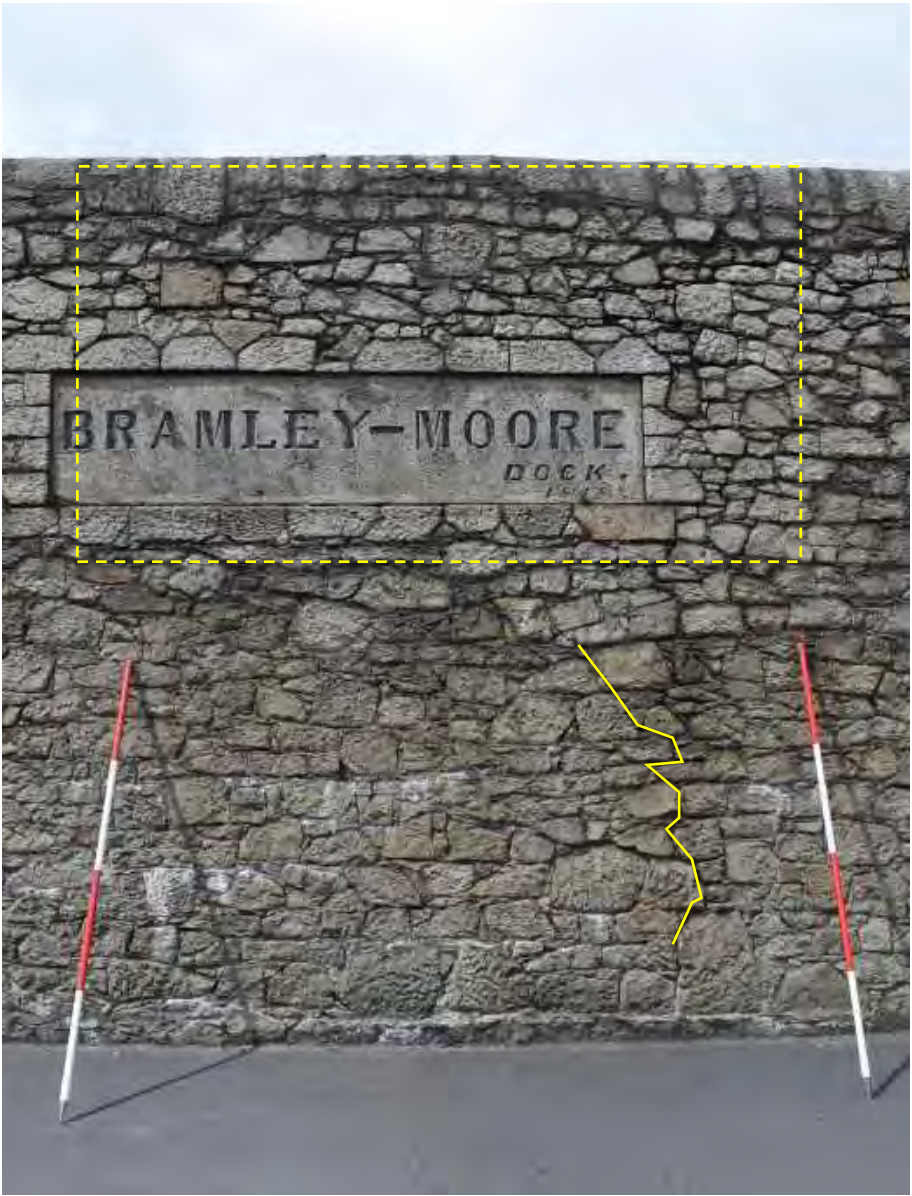
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

Significant cracking of upper stonework.

Mortar loss around small stones.



| Location Ref: | RR Elevation – Section 31 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

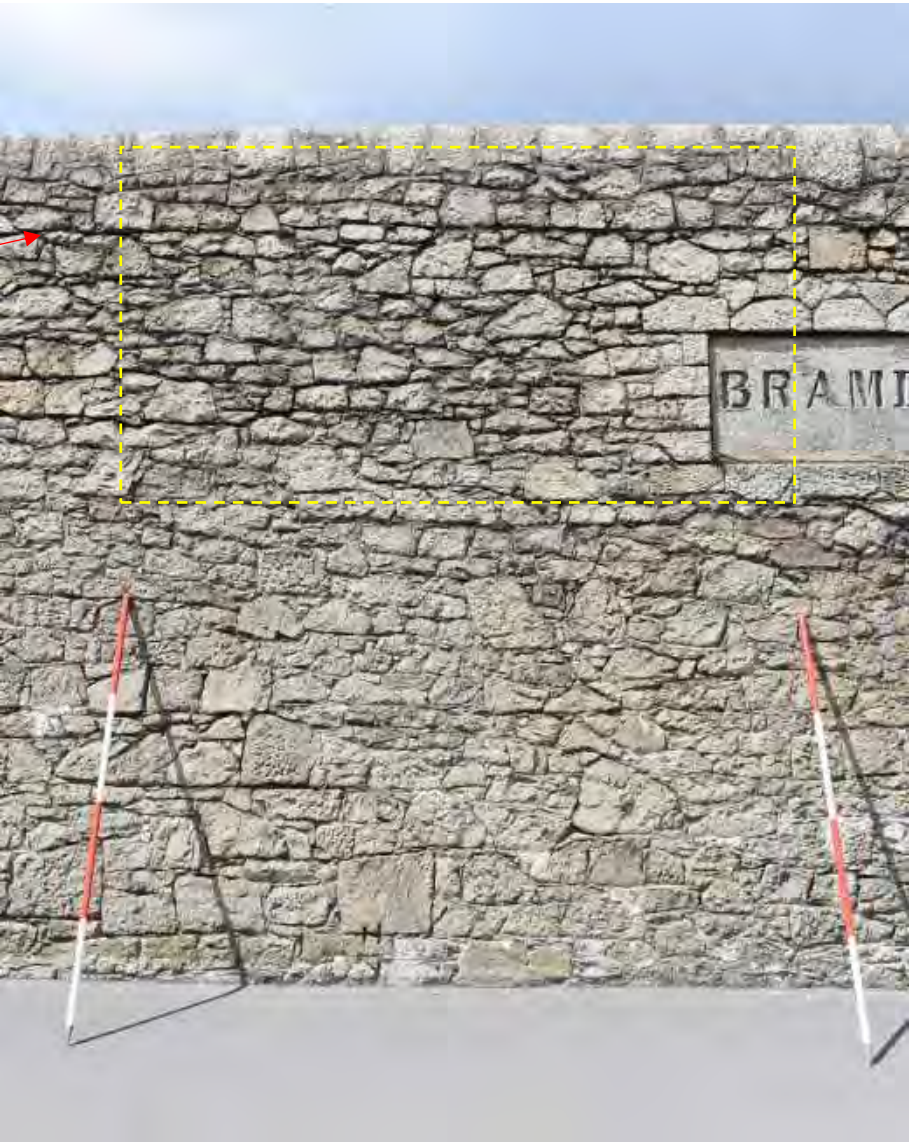
Additional notes and photographs:



Coping stones have been re-pointed. Mortar loss and cracking to upper wall.

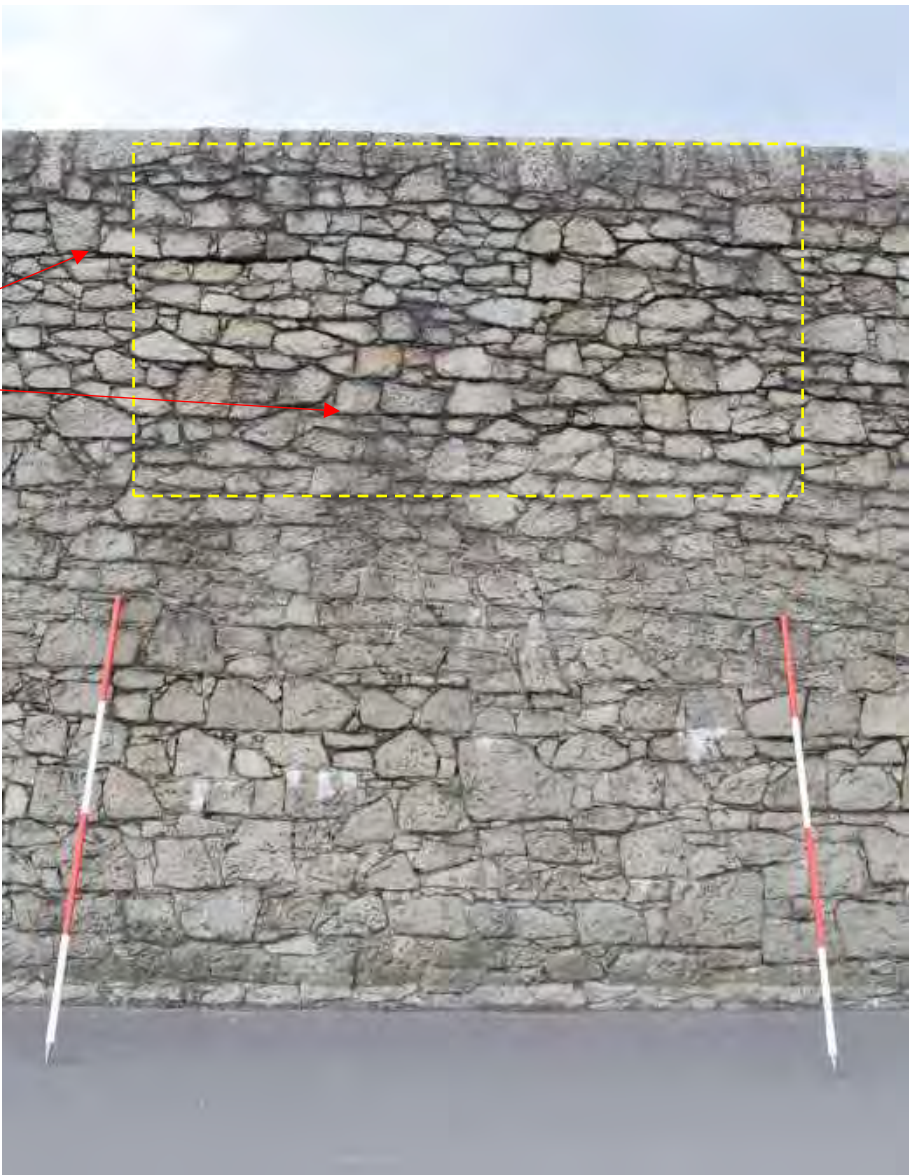


Area of repointed coping. Mortar loss and cracking of stonework below.



| Location Ref: | RR Elevation – Section 32 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Crack</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangular box is drawn around the upper portion of the wall, from the top coping stones down to about two-thirds of the way up. A red arrow points from the text 'Crack' to a vertical crack in the mortar between stones in the upper part of the wall. The wall is made of irregular, greyish-brown stones. To the right, a stone plaque with the letters 'BRAMI' is visible. Two surveying poles with red and white stripes are positioned at the base of the wall for scale. The ground in front of the wall is a light grey concrete or asphalt surface.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

| | |
|--|---|
| <p>Additional notes and photographs:</p> <p>Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p>Crack</p> |   |
|--|---|

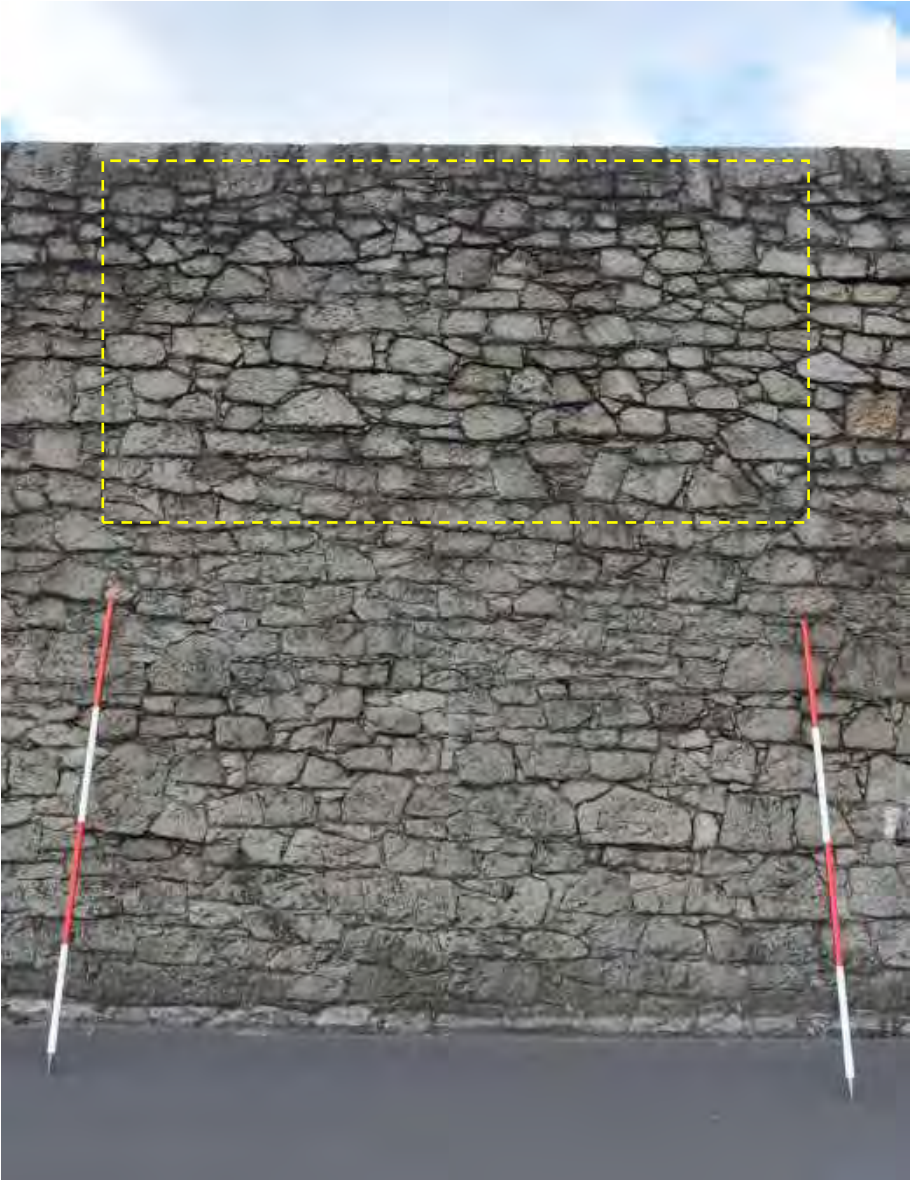
| Location Ref: | RR Elevation – Section 33 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Cracks</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

Large crack / mortar
loss.

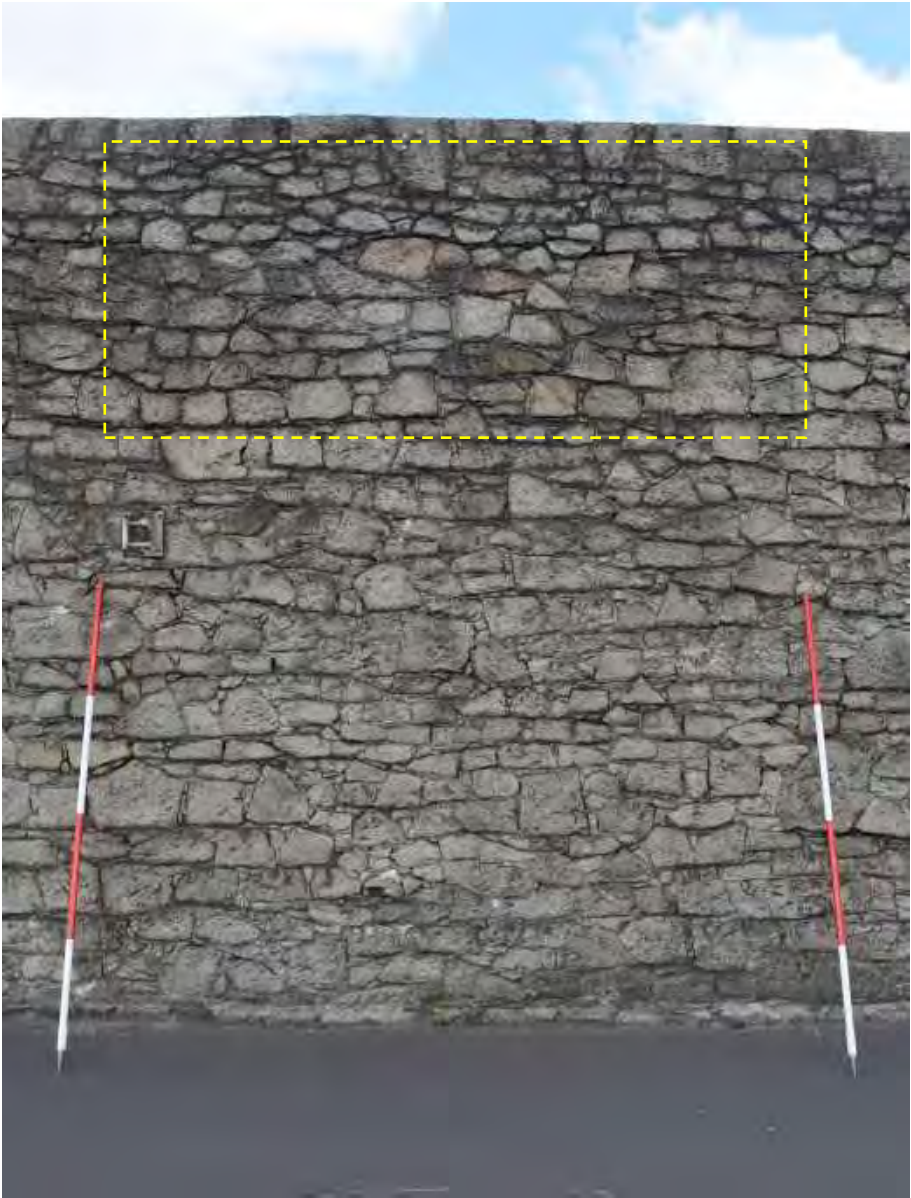


| Location Ref: | RR Elevation – Section 34 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



| Location Ref: | RR Elevation – Section 35 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Sign fixed to wall.</p> <p>Minor cracking to mortar at lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove sign and fixings – make good.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Remove sign and fixings.



| Location Ref: | RR Elevation – Section 36 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

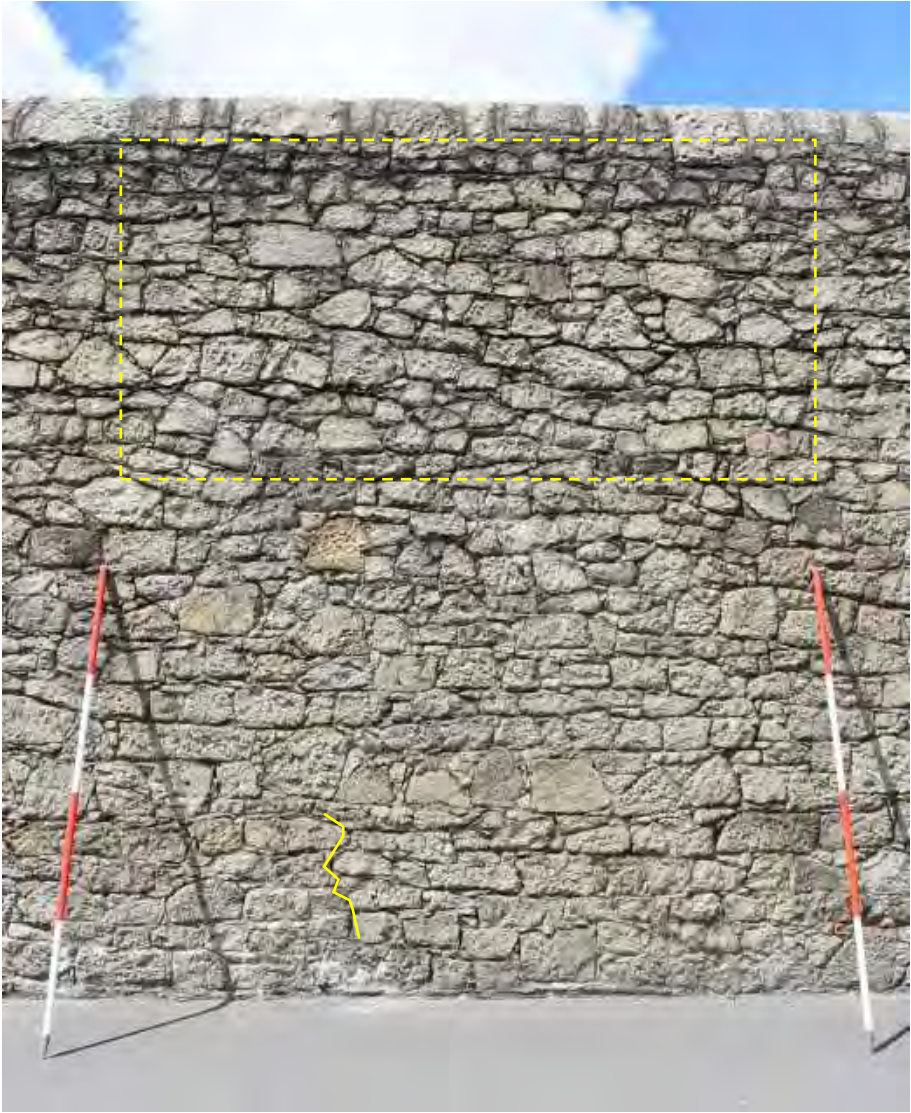
Additional notes and
photographs:



Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

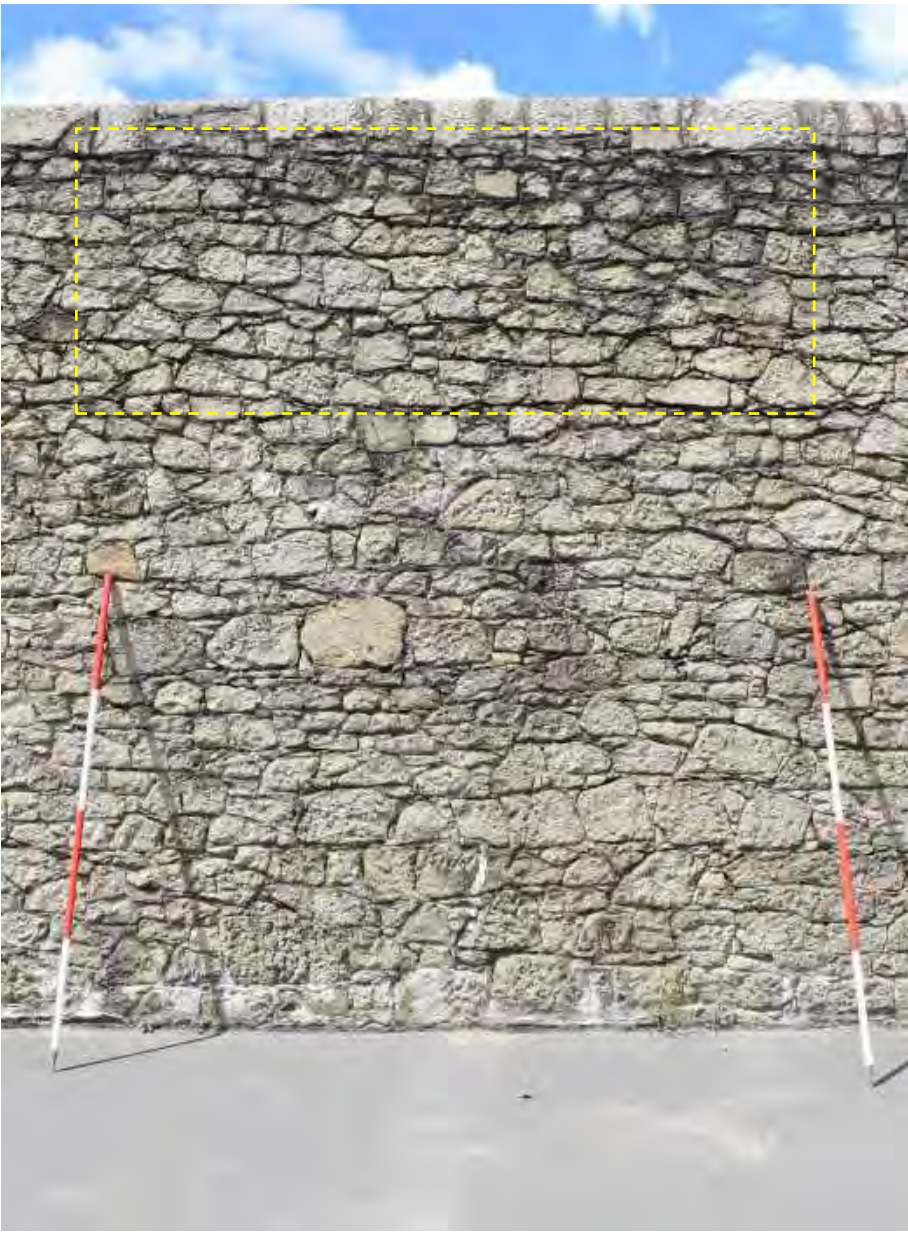


Mortar loss at mid
height.



| Location Ref: | RR Elevation – Section 37 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

| | |
|---|--|
| <p>Additional notes and photographs:</p> <p>Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p>Cracking at low level.</p> |   |
|---|--|

| Location Ref: | RR Elevation – Section 38 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangular box is drawn over the upper portion of the wall, indicating the area where coping stones have been re-pointed. Two surveying poles, one on the left and one on the right, are positioned vertically against the wall to provide a sense of scale. The wall is constructed from irregular, greyish-brown stones with visible mortar joints. The sky is visible at the top of the frame.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


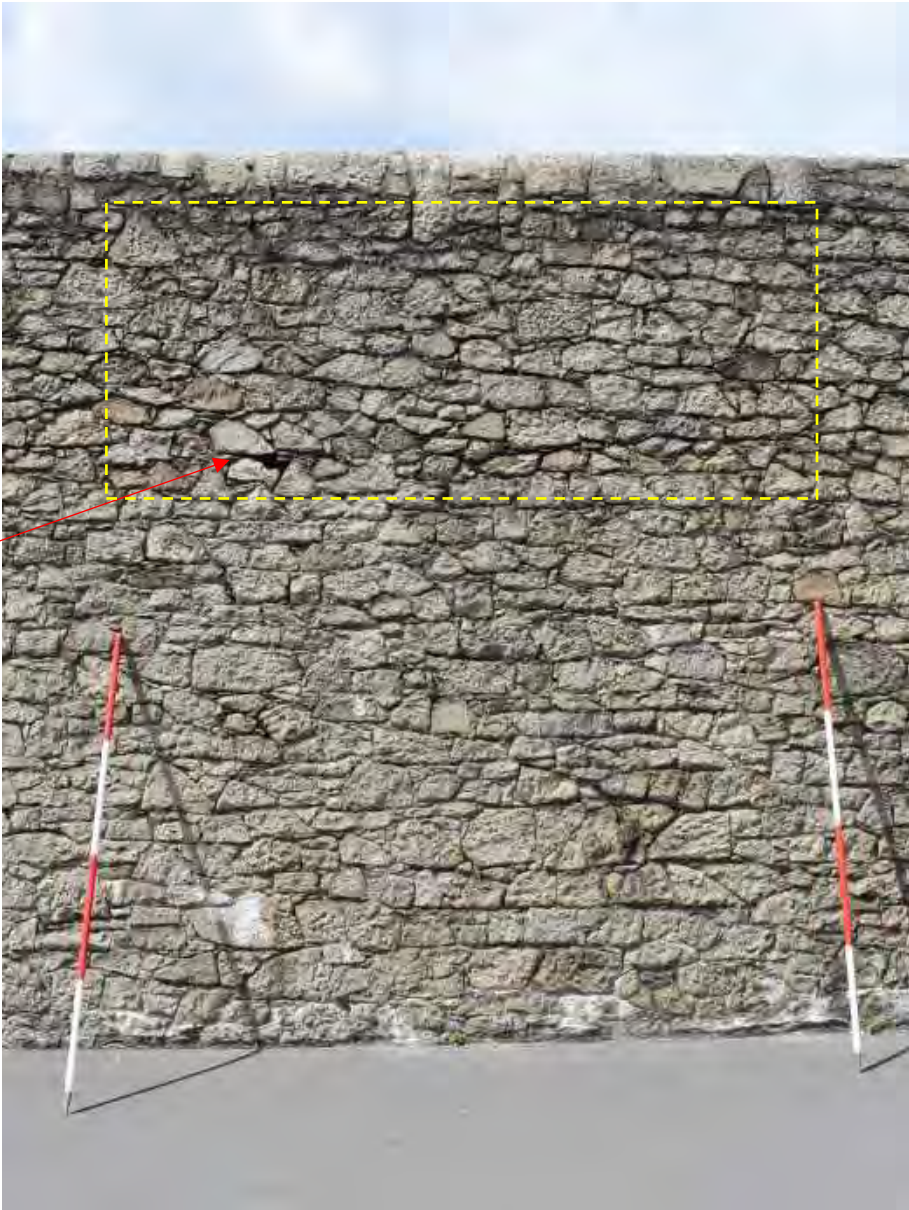
Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Loose small stone
elements.



| Location Ref: | RR Elevation – Section 39 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>Missing stone. </p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

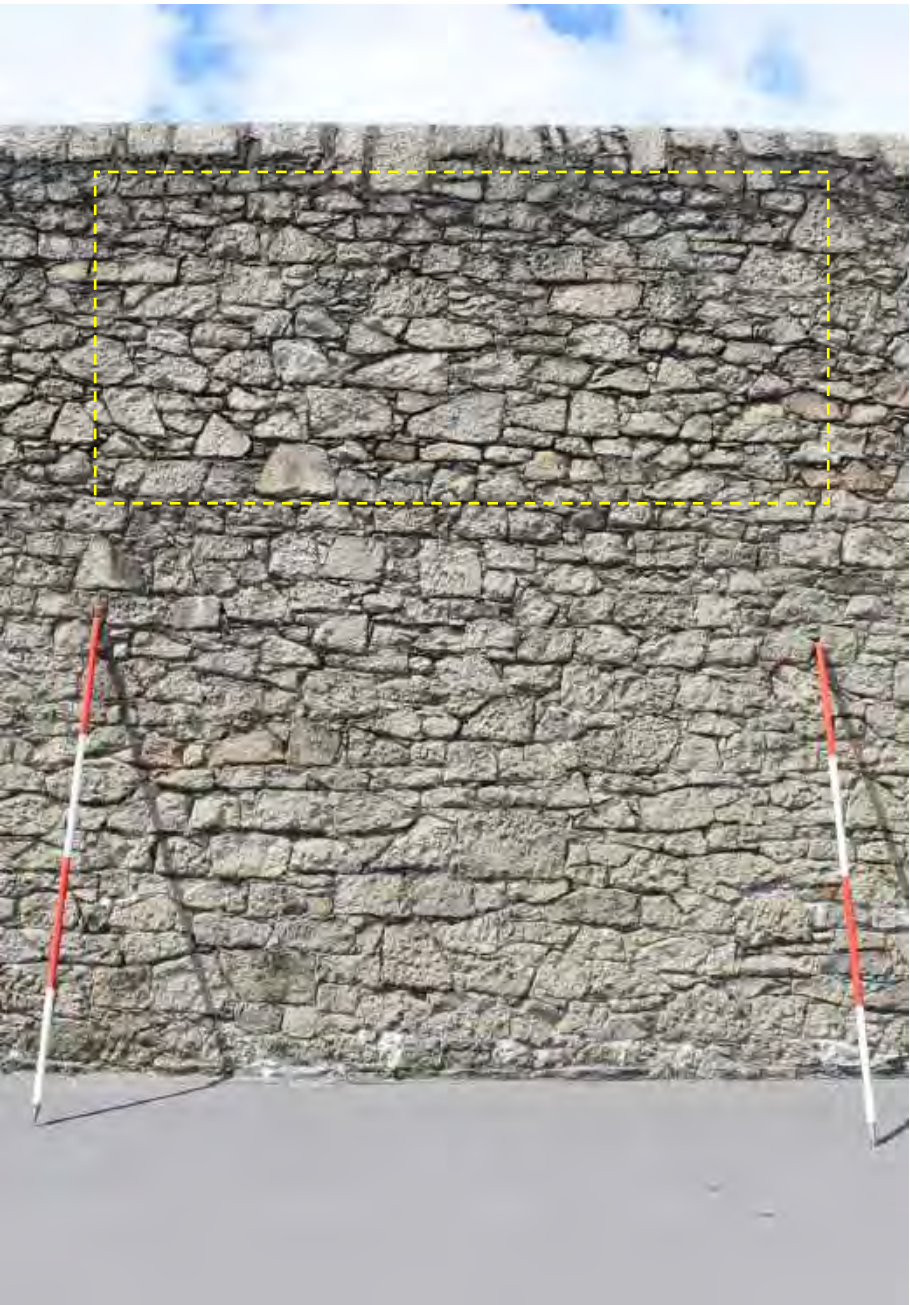
Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Missing stone from
upper wall.



| Location Ref: | RR Elevation – Section 40 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

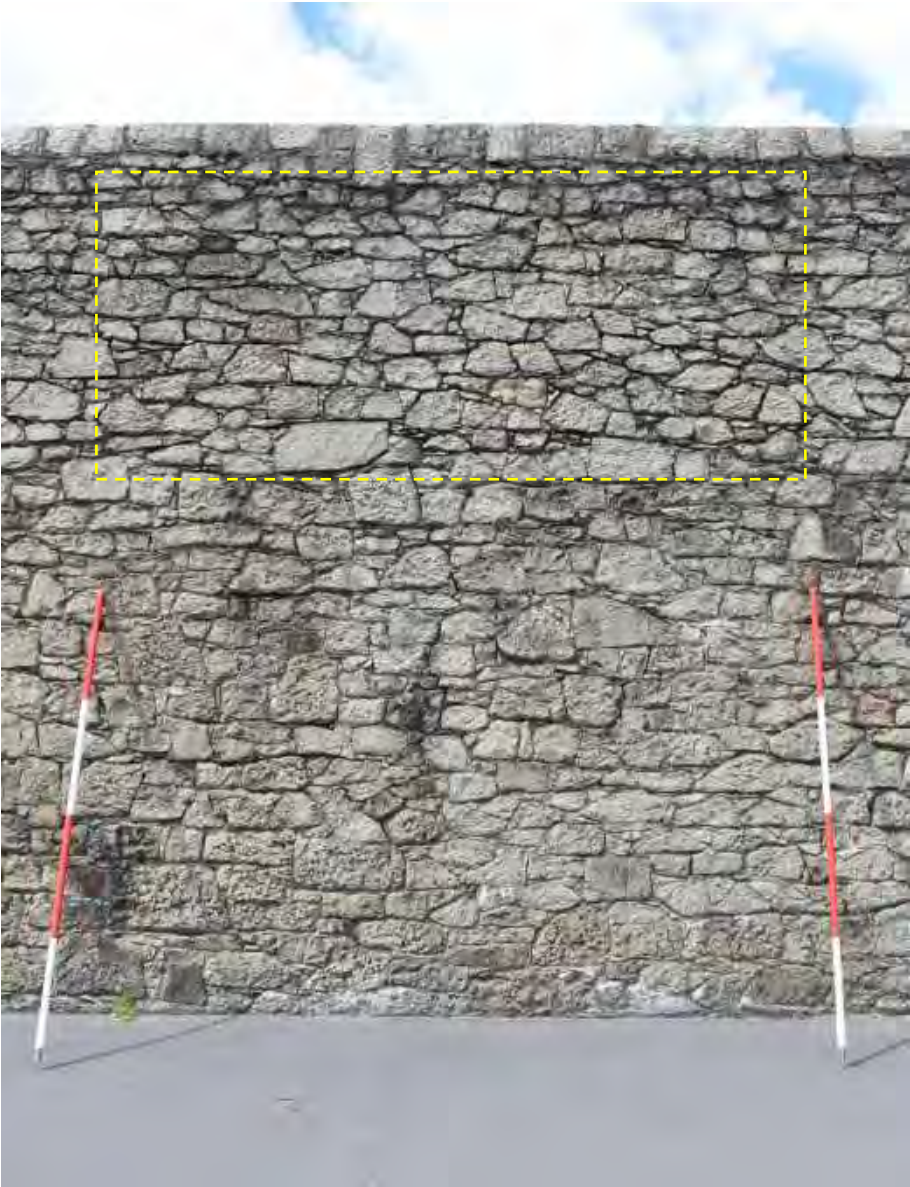
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits at low level.



| Location Ref: | RR Elevation – Section 41 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> <p>Consider removal of stains as part of agreed cleaning strategy.</p> |

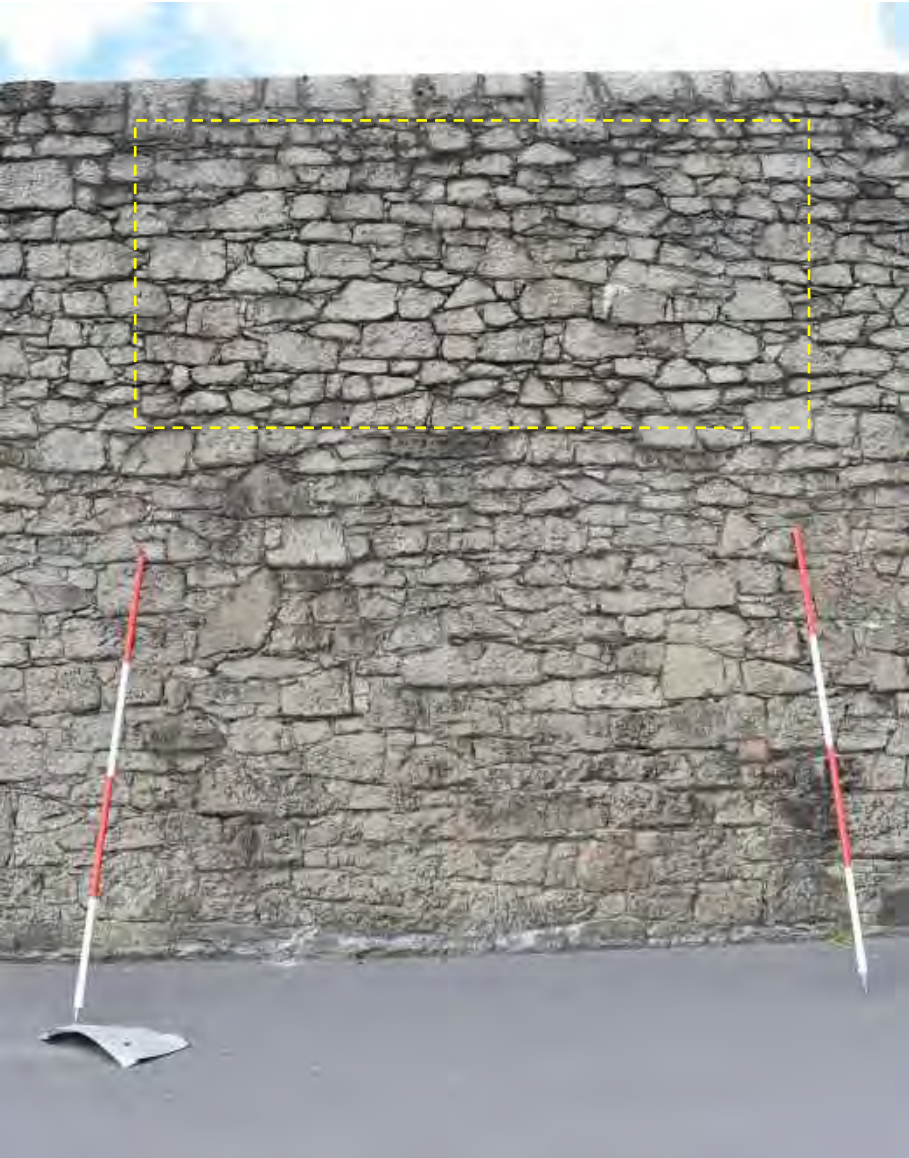
Additional notes and photographs:

Coping stones have been re-pointed. Mortar loss and cracking to upper wall.



Calcium and staining to face of stonework.



| Location Ref: | RR Elevation – Section 42 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  A photograph of a stone wall, likely made of rough-hewn stones. A yellow dashed rectangular box is drawn on the upper portion of the wall, indicating a specific area of interest or repair. At the base of the wall, two surveying poles with red and white segments are positioned on either side of a small, flat, light-colored object on the ground. The wall appears to be part of a larger structure, possibly a railway embankment or a bridge abutment, given the 'RR Elevation' label. |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

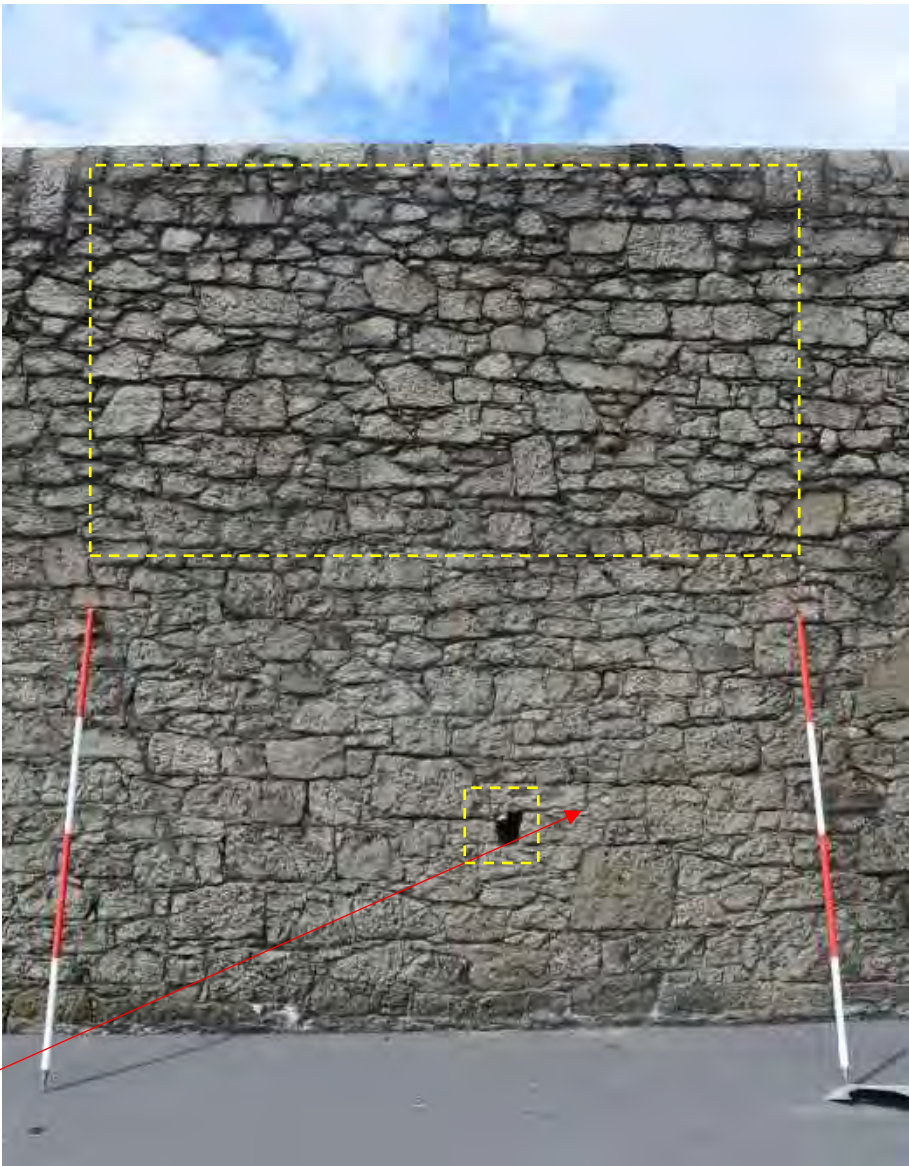

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Cracking and mortar loss.



| Location Ref: | RR Elevation – Section 43 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Hole through wall.</p> <p>Core hole.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Repair hole through wall.</p> |
| <p>Additional notes and photographs:</p> |  |

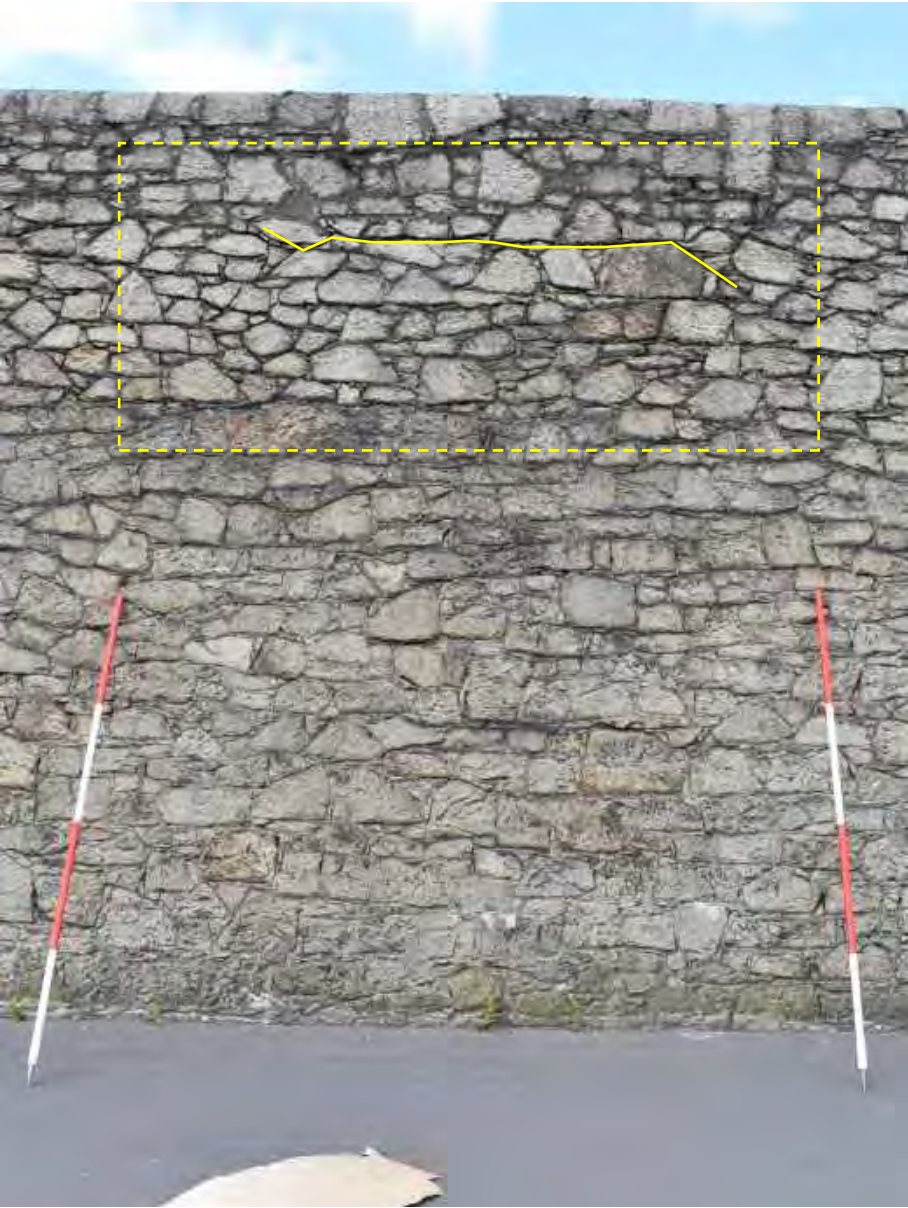
Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

Previous core hole through wall.



Hole through wall.



| Location Ref: | RR Elevation – Section 44 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

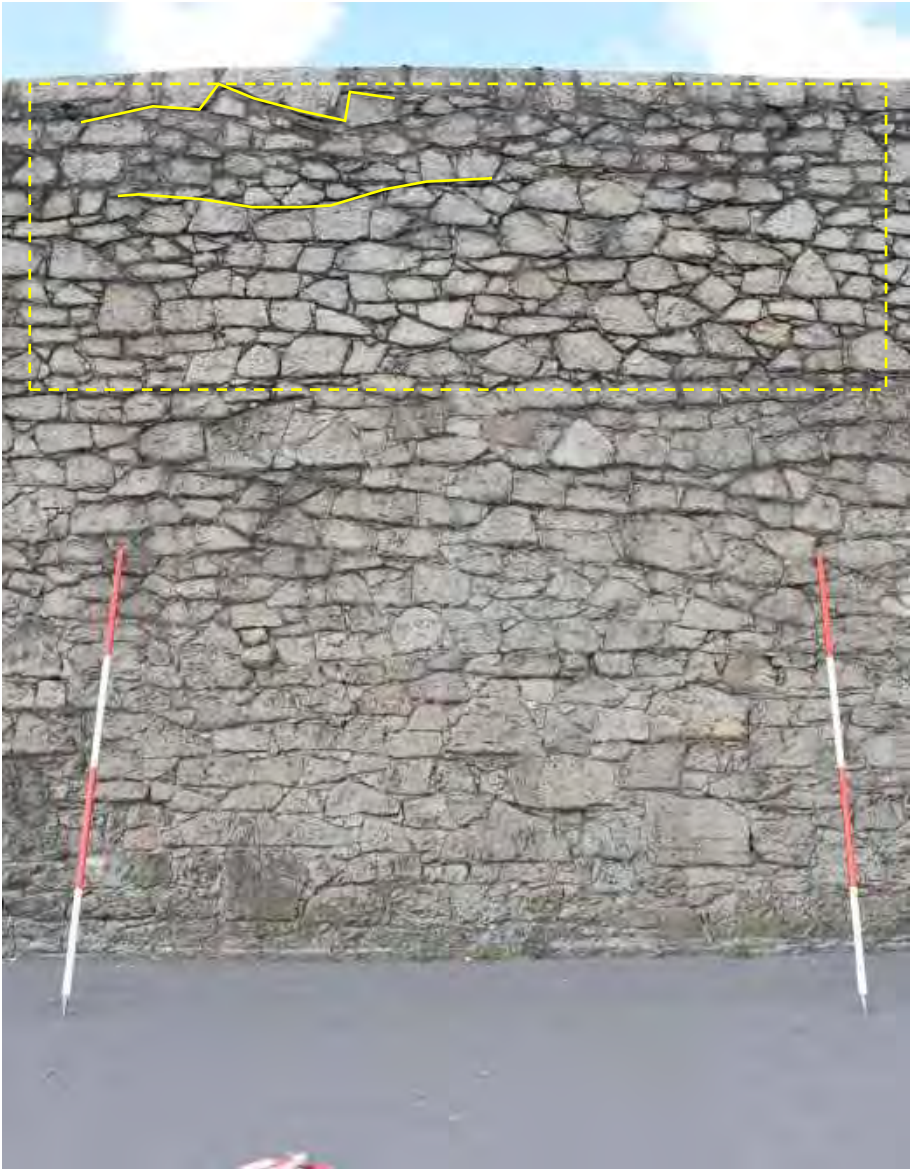
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Cracking around stones – mid level.



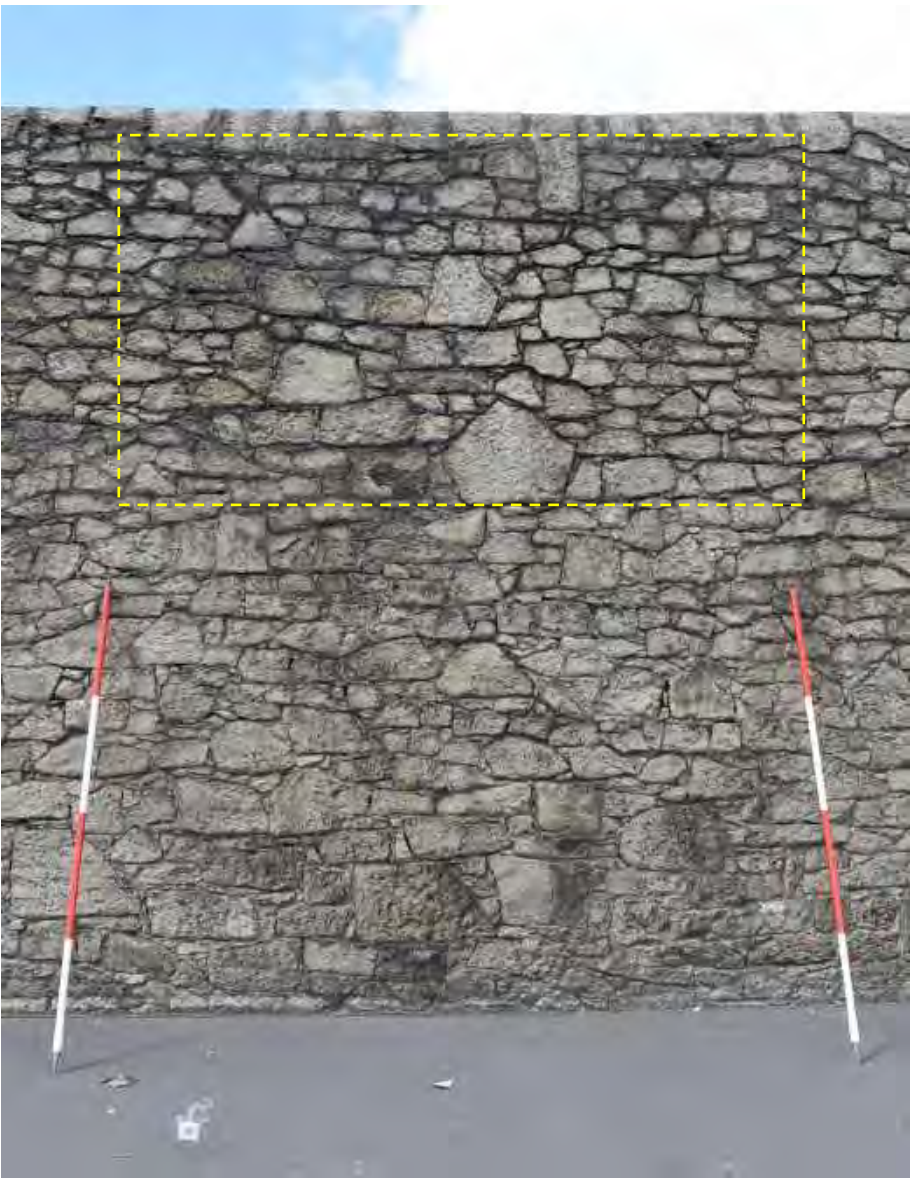
| Location Ref: | RR Elevation – Section 45 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed. Mortar loss and cracking to upper wall.

Cracking below coping stones.



| Location Ref: | RR Elevation – Section 46 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

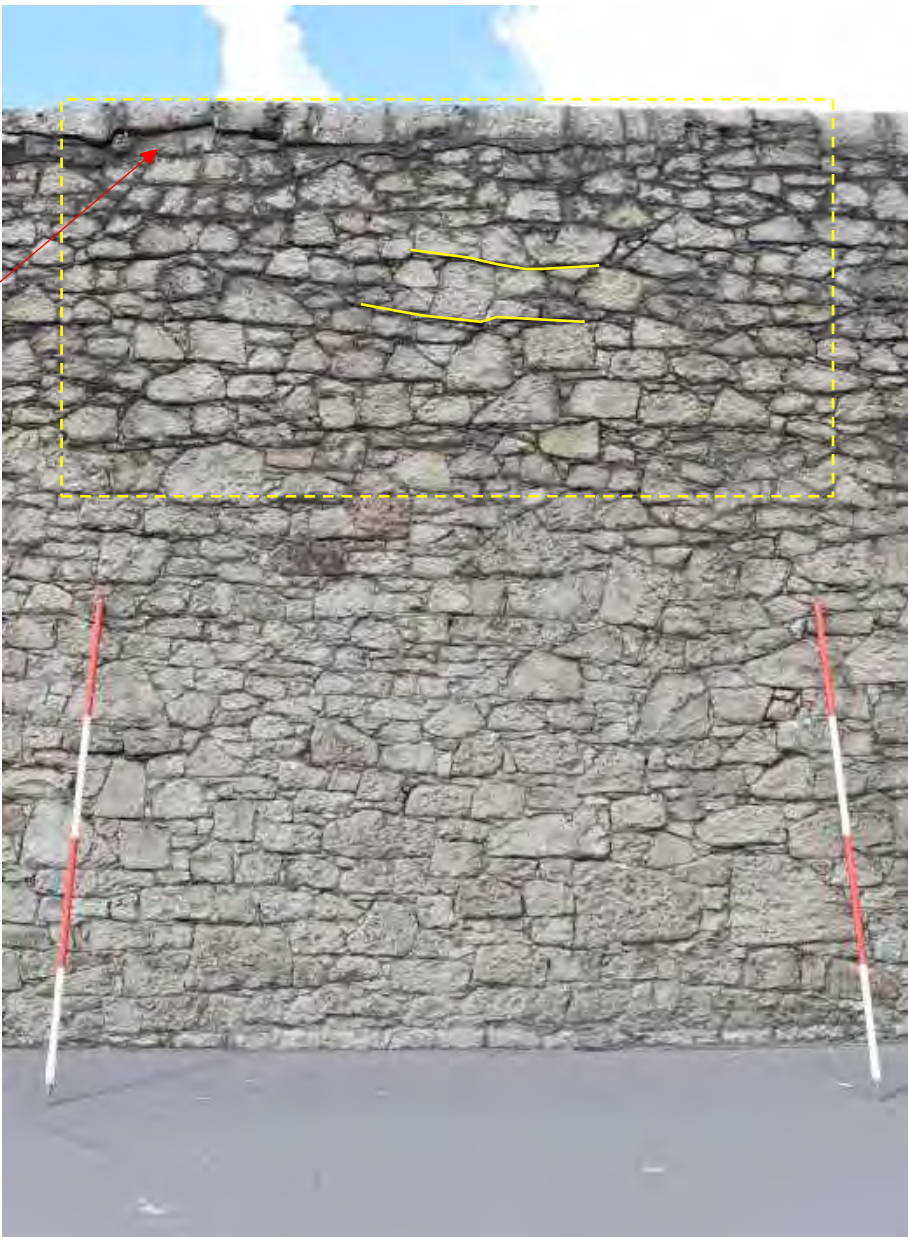
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Loose small stone elements.



| Location Ref: | RR Elevation – Section 47 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Cracks and displacement under coping stones.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

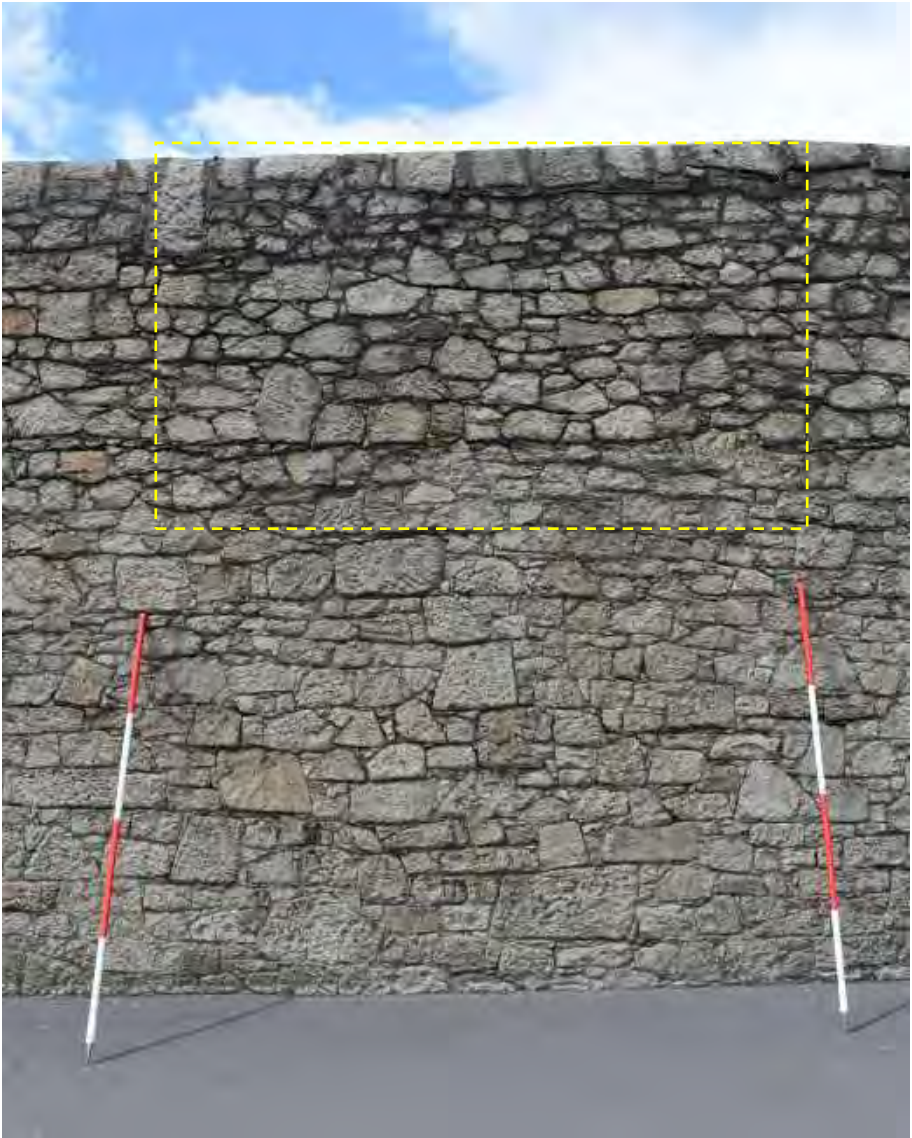
Additional notes and photographs:

Coping stones have been re-pointed. Mortar loss and cracking to upper wall.



Cracking and displacement under coping stones.



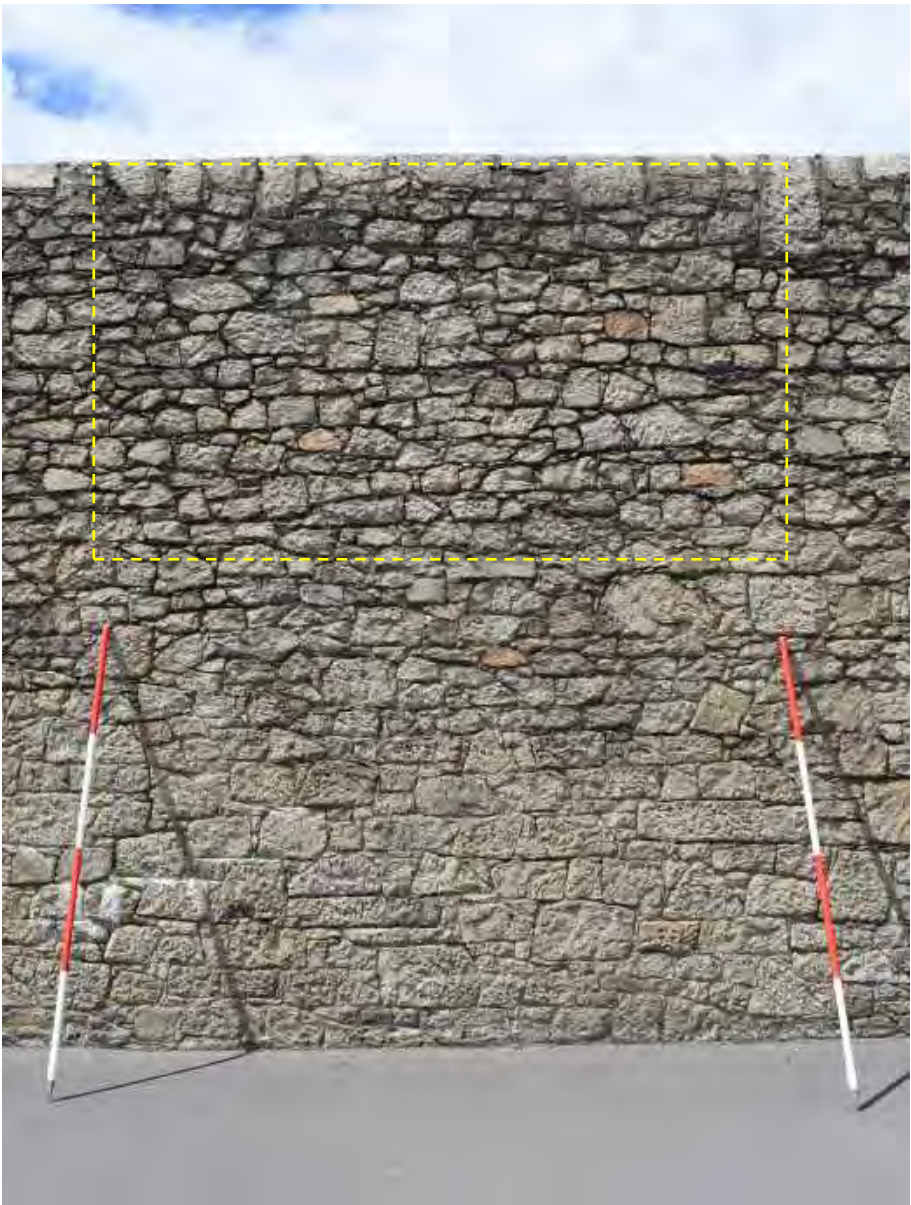
| Location Ref: | RR Elevation – Section 48 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Cracking and displacement under coping stones.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

Coping displaced.



| Location Ref: | RR Elevation – Section 49 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

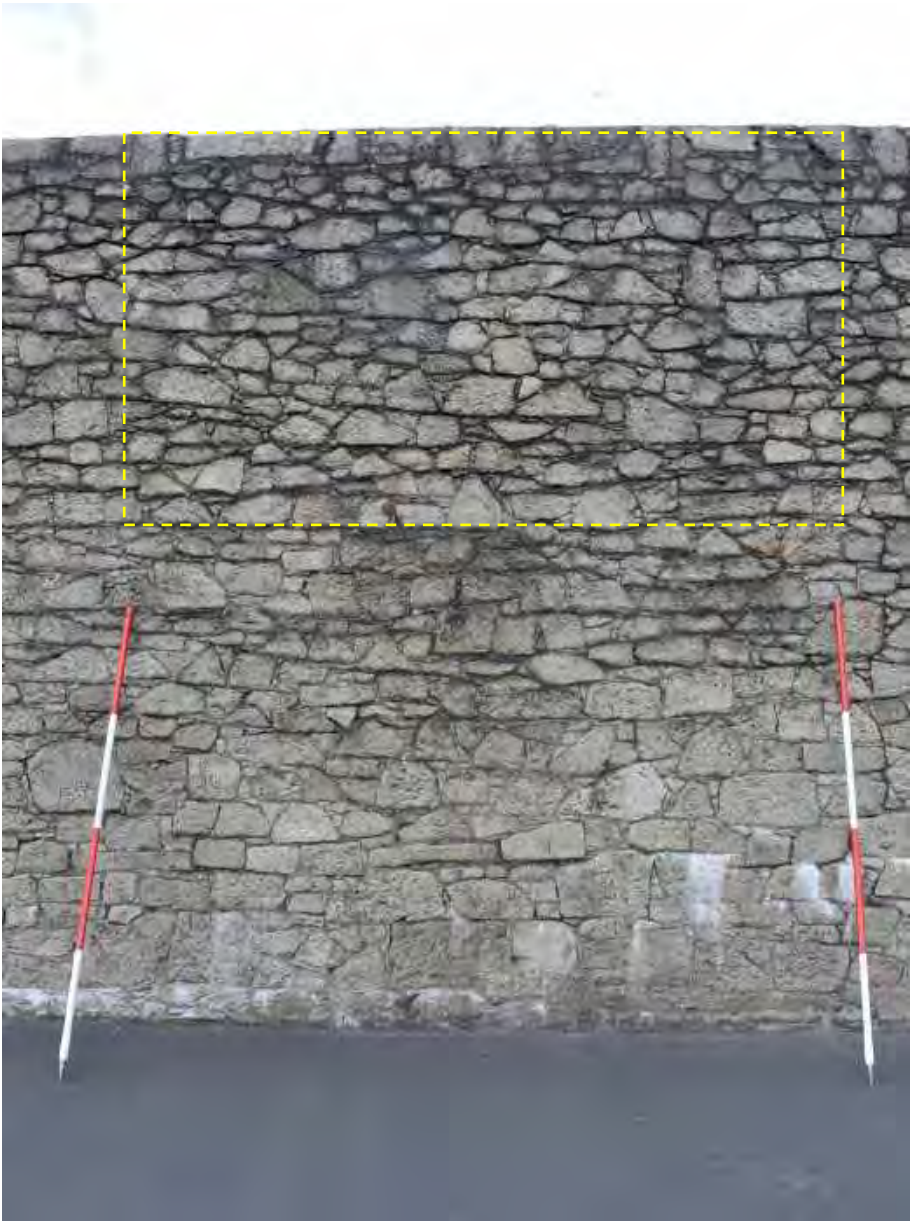
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Mortar loss and loose small stone elements.



| Location Ref: | RR Elevation – Section 50 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

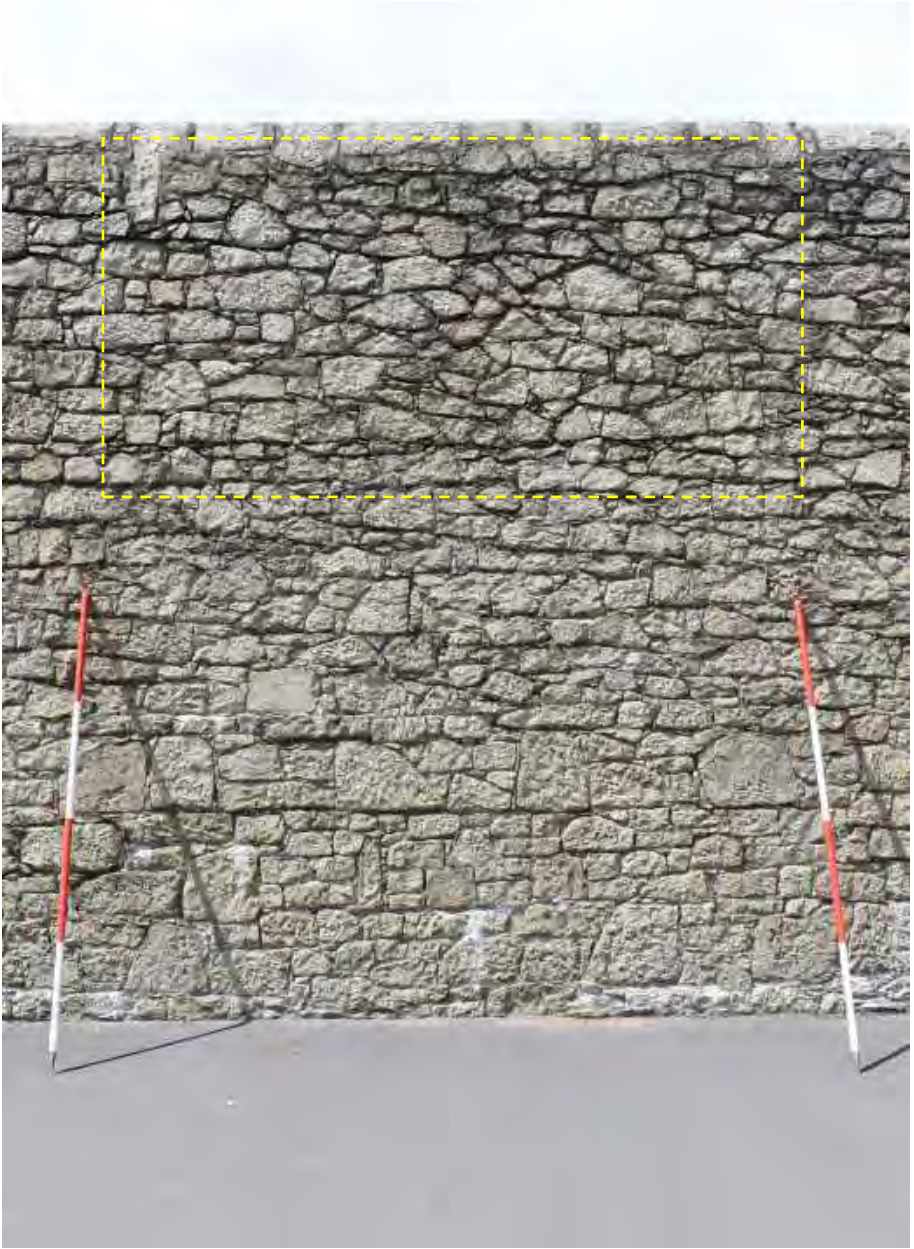
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits at low level.




| Location Ref: | RR Elevation – Section 51 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  A photograph of a stone wall, likely made of rough-hewn stones, showing mortar loss and cracking. A yellow dashed rectangle highlights the upper section of the wall. Two red-and-white surveying poles are positioned at the base of the wall for scale. |
| Condition: | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

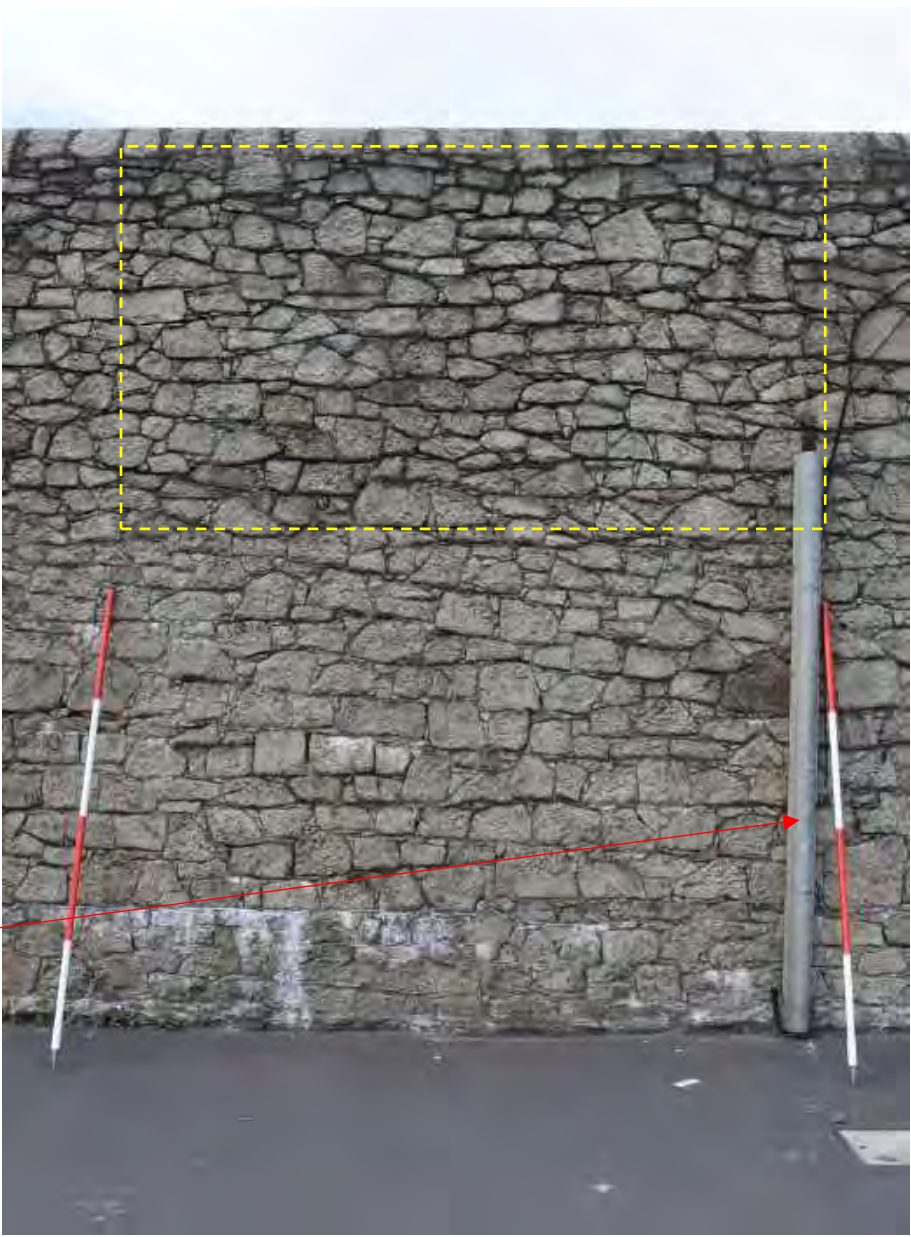
Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



| Location Ref: | RR Elevation – Section 52 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Telephone lines run to steel protection shield.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangle is drawn around the upper portion of the wall, indicating the area where coping stones have been re-pointed. A red arrow points from the text 'Telephone lines run to steel protection shield.' to a vertical steel shield on the left side of the wall. The wall is made of irregular stones with visible mortar joints. The ground in front of the wall is paved.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> <p>Remove all redundant services and make good.</p> |

| | |
|---|--|
| | |
| <p>Additional notes and photographs:</p> <p>Coping stones have been re-pointed. Mortar loss and cracking to upper wall.</p> <p>Services attached to wall.</p> |   |

| Location Ref: | RR Elevation – Section 53 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Metal shield fitted to wall to protected telephone services.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Confirm status of services and where possible remove protection shield and make good.</p> |

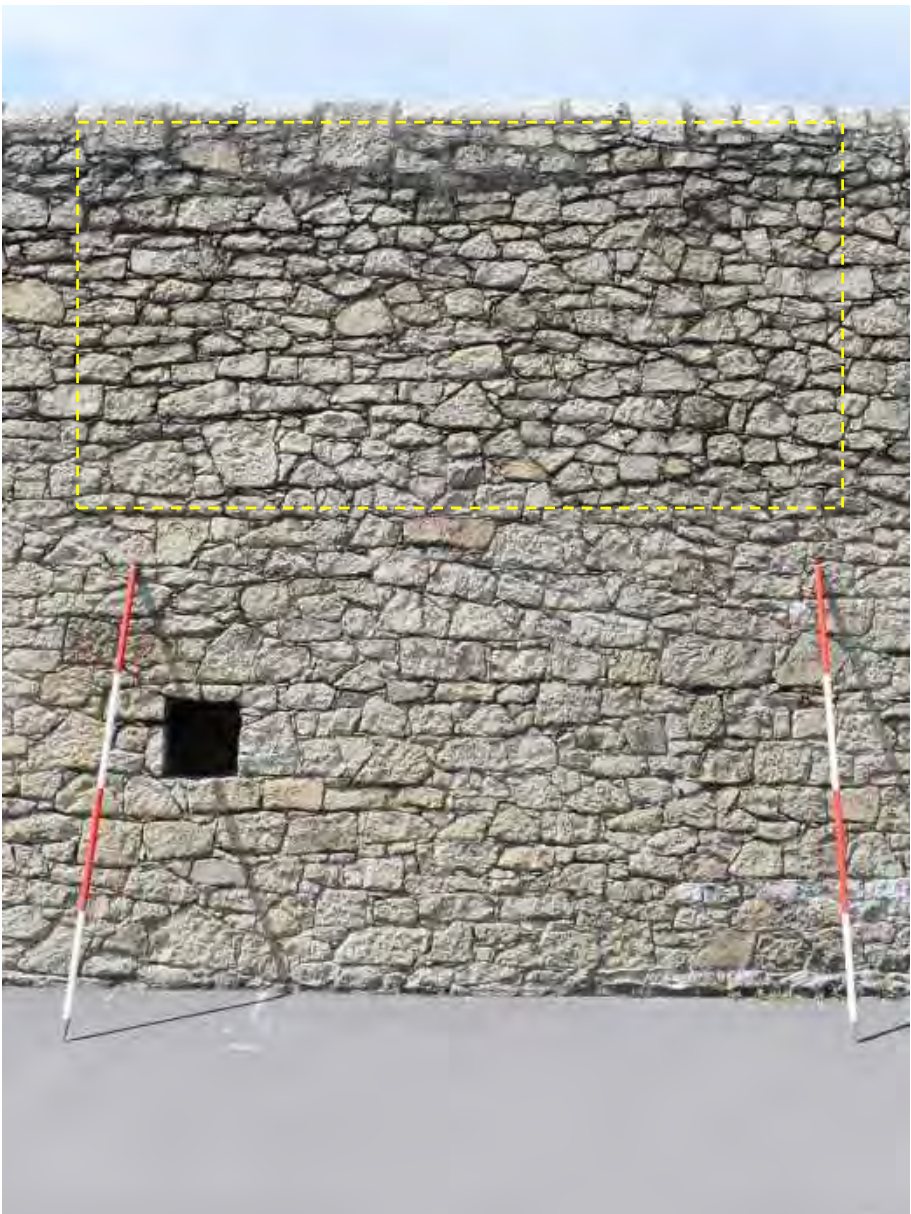
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits at low level.



| Location Ref: | RR Elevation – Section 54 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Pocket formed within wall.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Review condition of pocket – repoint areas of missing mortar and retain.</p> |

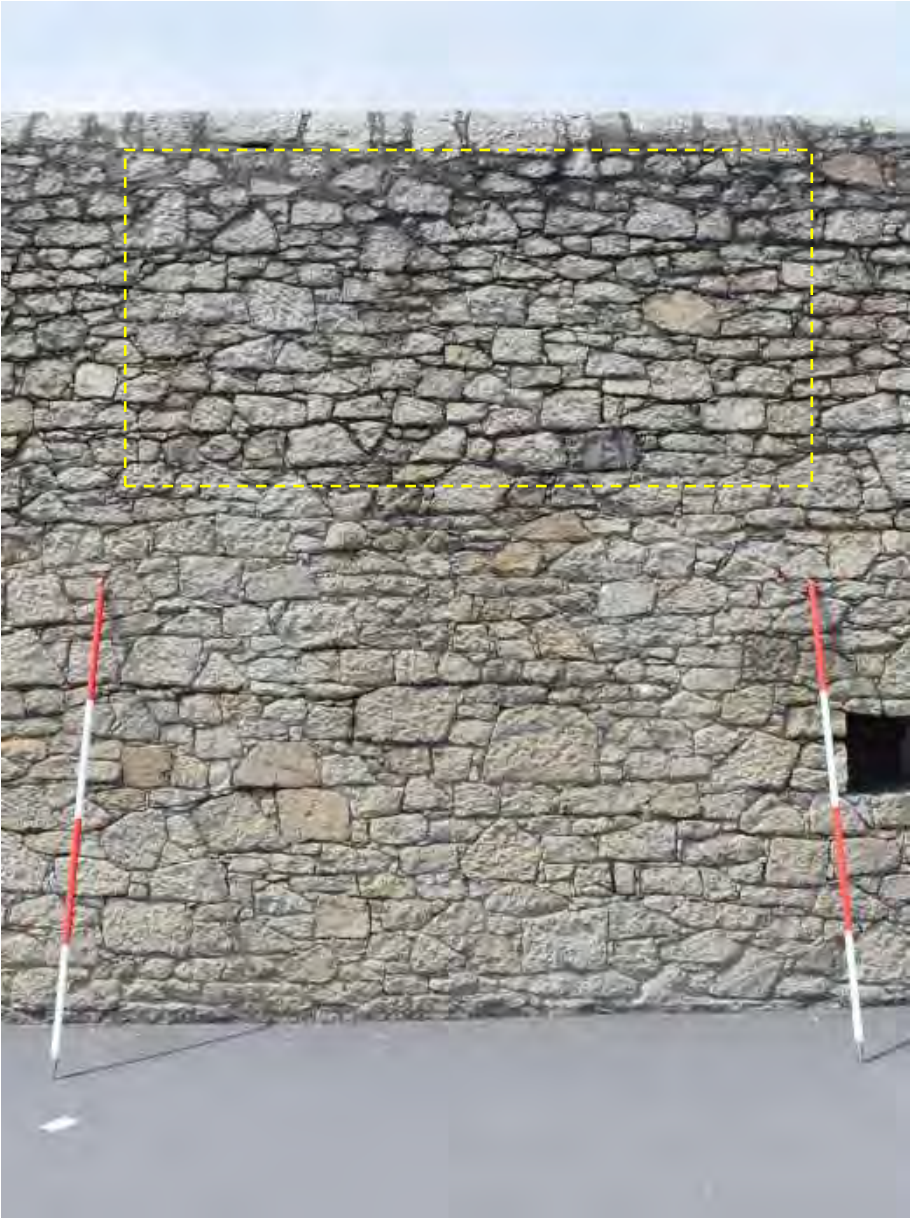
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Purpose unknown –
retain where wall is
stable.



| Location Ref: | RR Elevation – Section 55 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

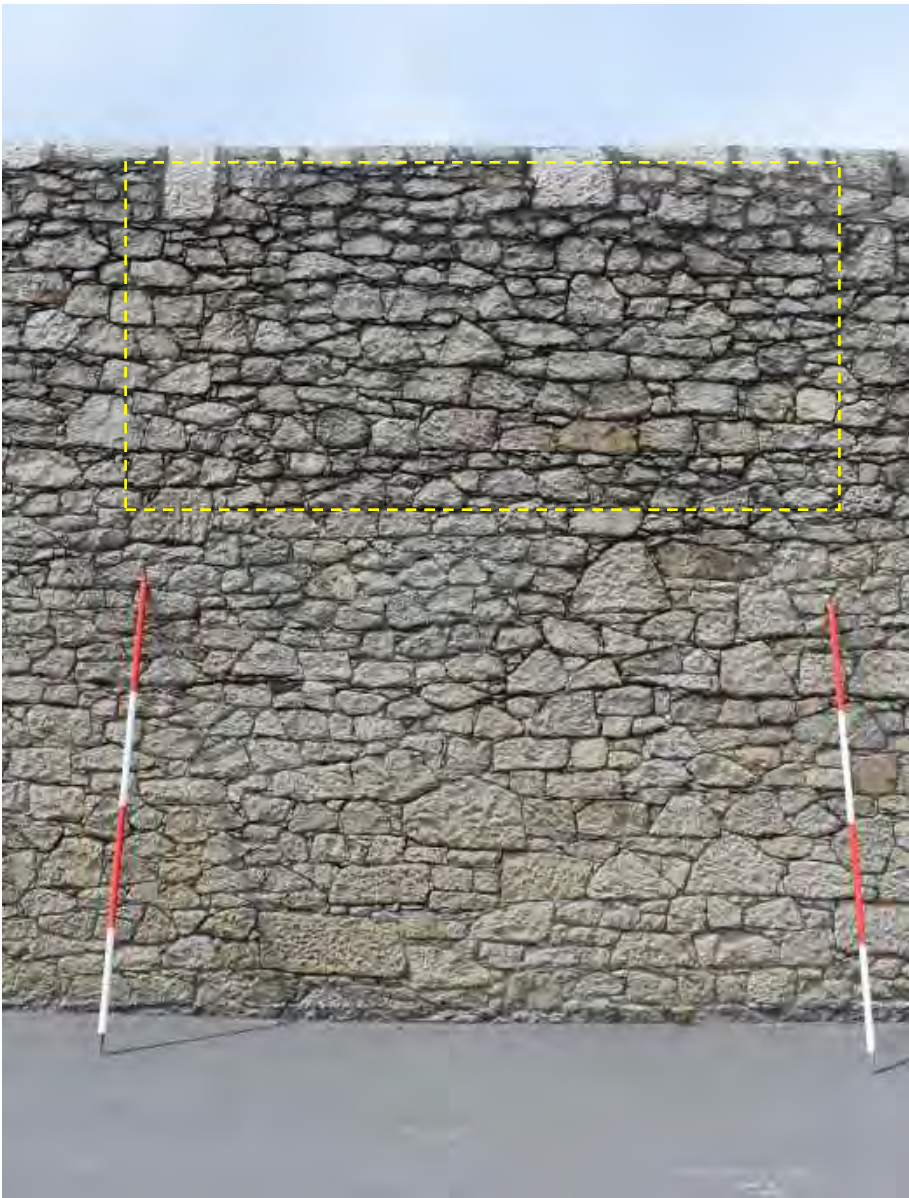
Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Mortar loss to face of
wall.

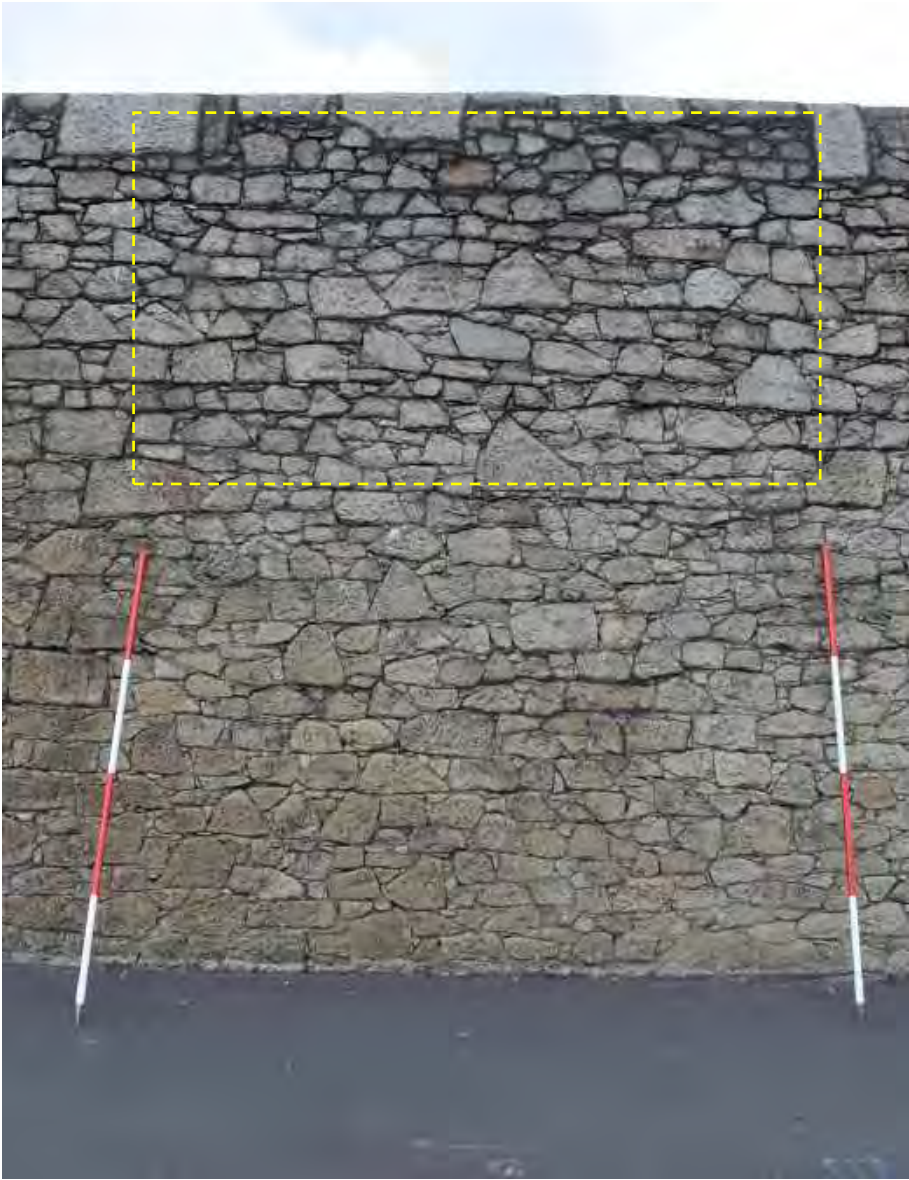


| Location Ref: | RR Elevation – Section 56 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| Condition: | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

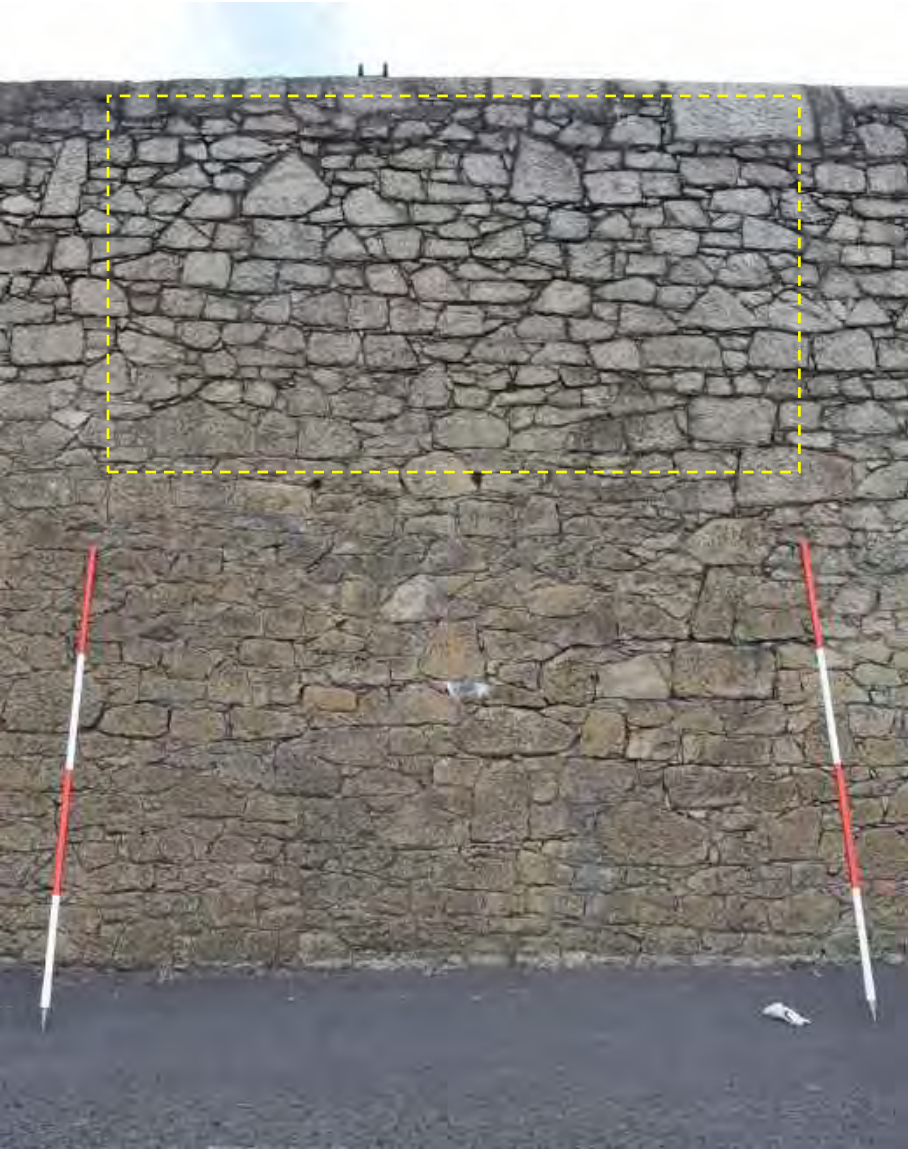


| Location Ref: | RR Elevation – Section 57 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.

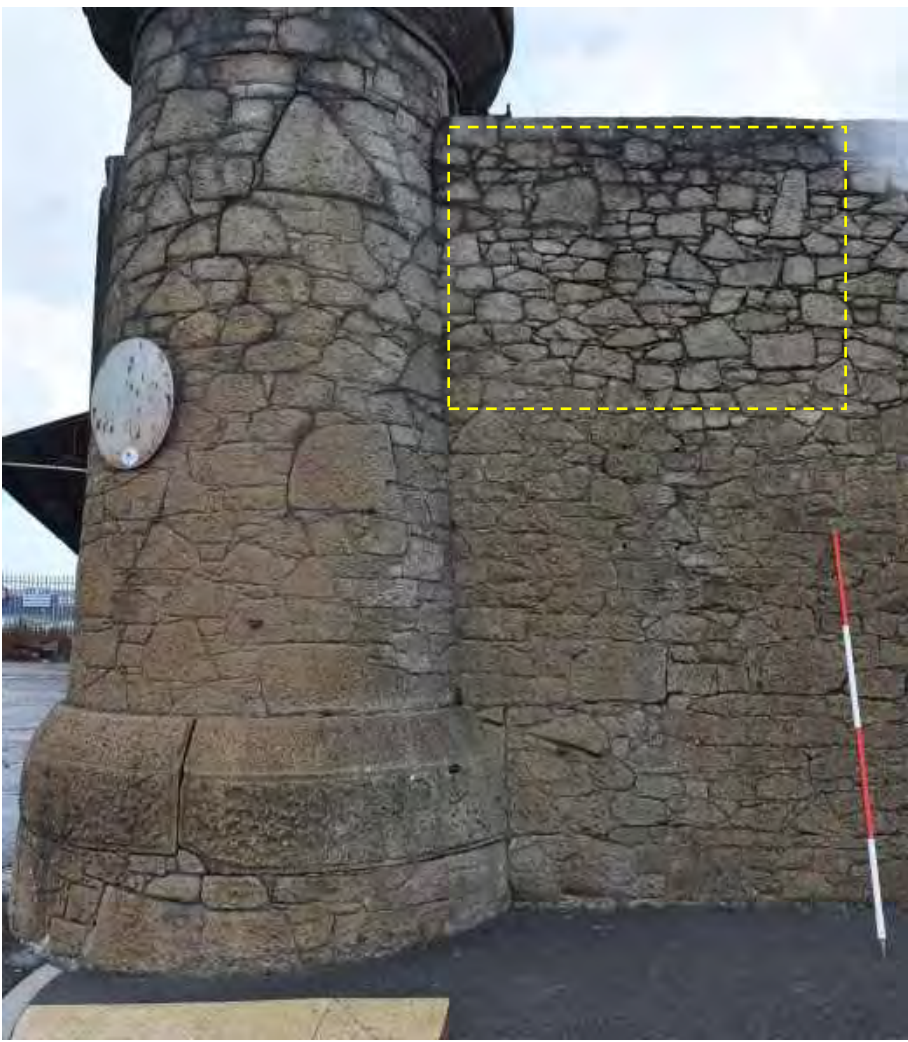


| Location Ref: | RR Elevation – Section 58 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.




| Location Ref: | RR Elevation – Section 59 |
|--|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>(Tower condition noted separately).</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



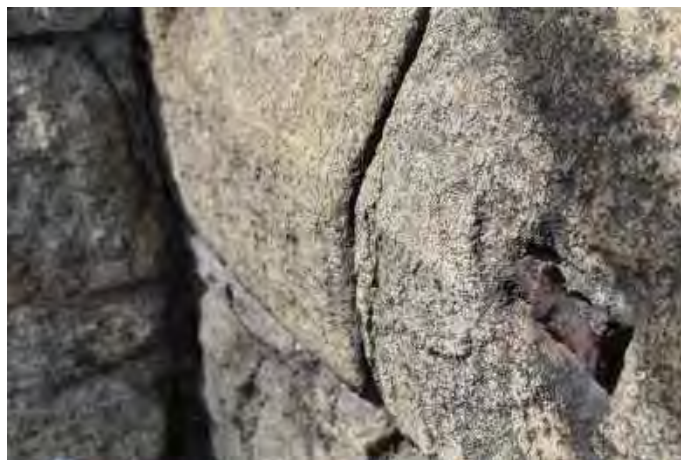
| Location Ref: | RR Elevation South – Section 01 |
|--|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Sign fixed to wall with ferrous brackets.</p> |  <p>The photograph shows a close-up of a stone wall made of irregular grey stones. A yellow dashed rectangular box is drawn over the upper portion of the wall. A blue and white sign is attached to the wall with metal brackets. The sign reads '3TL Ltd', 'Transport & Warehousing', 'Bramley Moore site', and 'Tel: 0151-236 0077'. A red and white measuring pole is leaning against the wall on the left side. The top of the wall shows coping stones. Green foliage is visible above the wall, and a concrete path is at the bottom.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove sign, fixings and make good.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

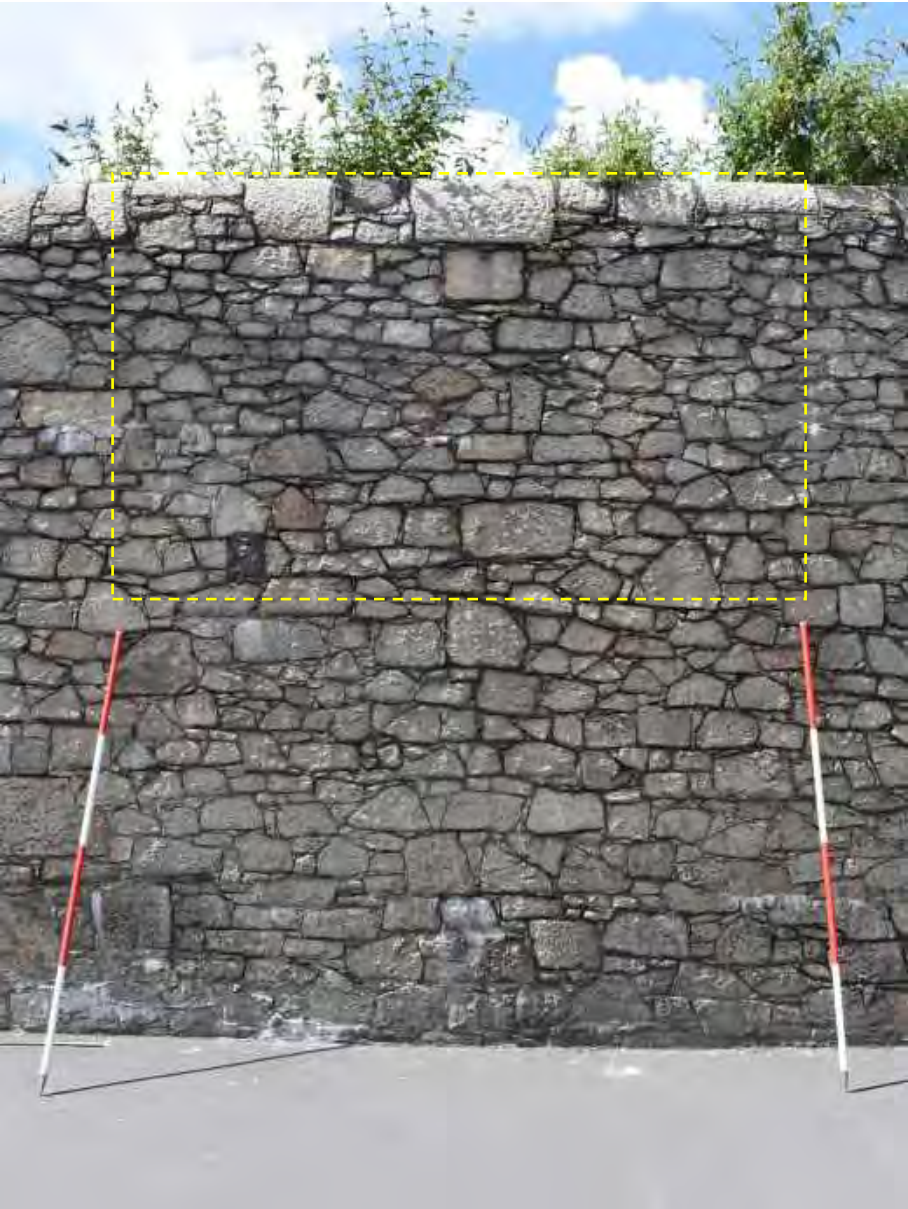


Remains of ironwork within stonework – former handrail.



Signage fixed to wall – staining of stonework.



| Location Ref: | RR South Elevation – Section 02 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  A photograph of a stone wall, likely made of rough-hewn stones, showing some mortar loss and cracking. A yellow dashed rectangle highlights the upper section of the wall, indicating the area of re-pointing. Two red-and-white poles are placed vertically at the base of the wall to provide a sense of scale. The wall is situated outdoors, with some vegetation visible at the top. |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:


Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

Plant growth to open mortar joints.



Former sign position –
wall cleaned around
sign.



| Location Ref: | RR South Elevation – Section 03 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Rust staining to face of wall.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Undertake cleaning in line with agreed cleaning strategy with additional treatment to remove rust staining.</p> |

Additional notes and photographs:

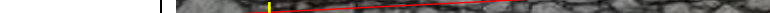

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.

Rust staining to face of wall.



Calcium deposits to lower wall area.



| Location Ref: | RR South Elevation – Section 04 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Iron pin. </p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits at low level.



| Location Ref: | RR South Elevation – Section 05 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangular box is drawn around the top portion of the wall, indicating the area where coping stones have been re-pointed. Two survey poles, which are white with red sections, are positioned vertically on either side of the wall at the bottom. The wall itself is constructed from irregular, dark grey stones with visible mortar joints. The sky above the wall is blue with some white clouds.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Calcium deposits at mid and low level.



| Location Ref: | RR South Elevation – Section 06 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Mortar loss at mid height.



| Location Ref: | RR South Elevation – Section 07 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Area re-pointed.</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Small void</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required. Remove failing area of repointed mortar and make good. Stone repair void area.</p> |

Additional notes and photographs:

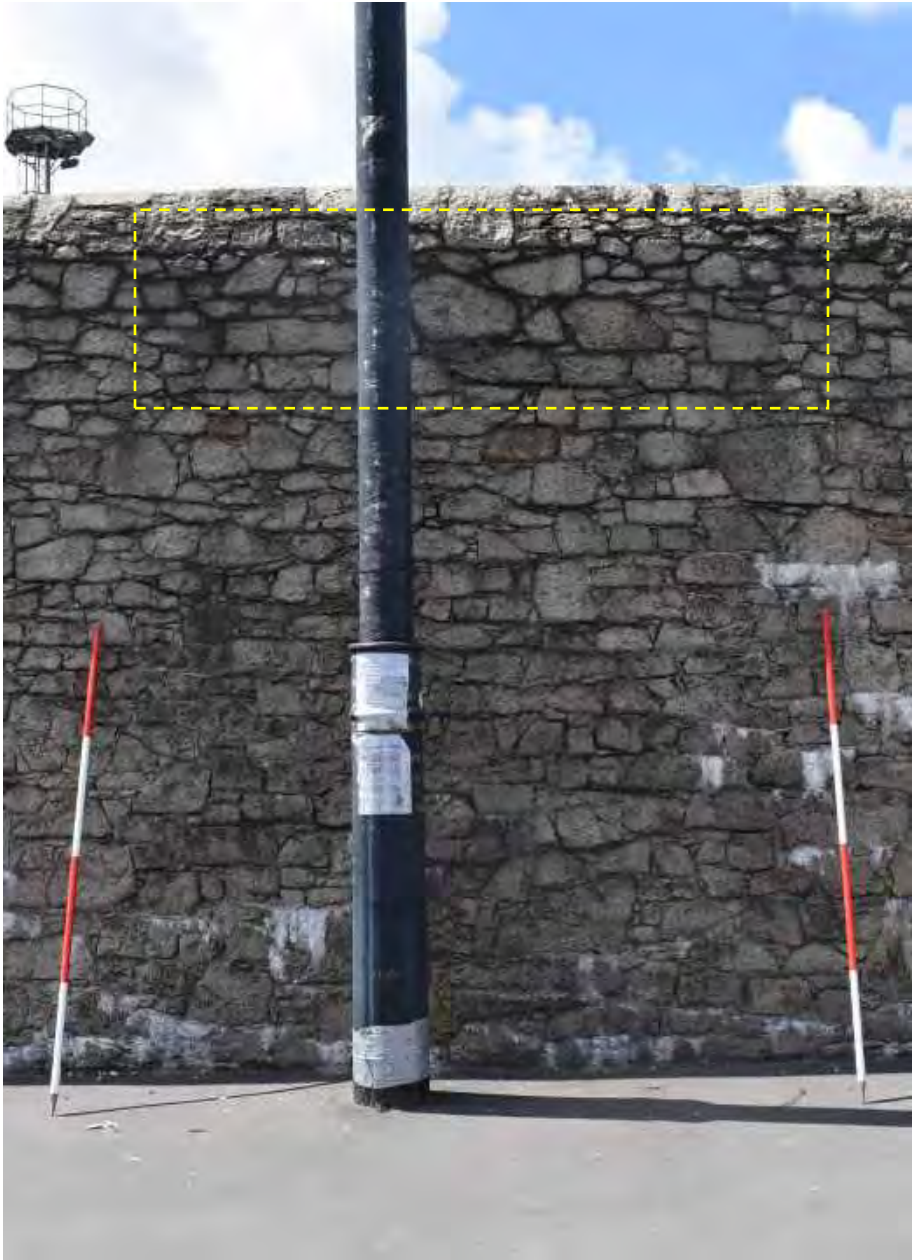
Coping stones have been re-pointed. Mortar loss and cracking to upper wall.

Area repointed – coping displaced.



Void area at low level.



| Location Ref: | RR South Elevation – Section 08 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Cracking and minor mortar loss to mid / lower areas.



| Location Ref: | RR South Elevation – Section 09 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> <p>Staining and calcium deposits to lower wall areas.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangle is drawn on the upper portion of the wall, indicating an area of interest or repair. Two vertical poles with red and white segments are positioned on the ground in front of the wall to provide a sense of scale. The wall itself is constructed from irregular, dark grey stones with visible mortar joints. Some staining and calcium deposits are visible on the lower part of the wall.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed. Mortar loss and cracking to upper wall.



Staining to lower wall areas.



| Location Ref: | RR South Elevation – Section 10 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Plant growth to open mortar beds.

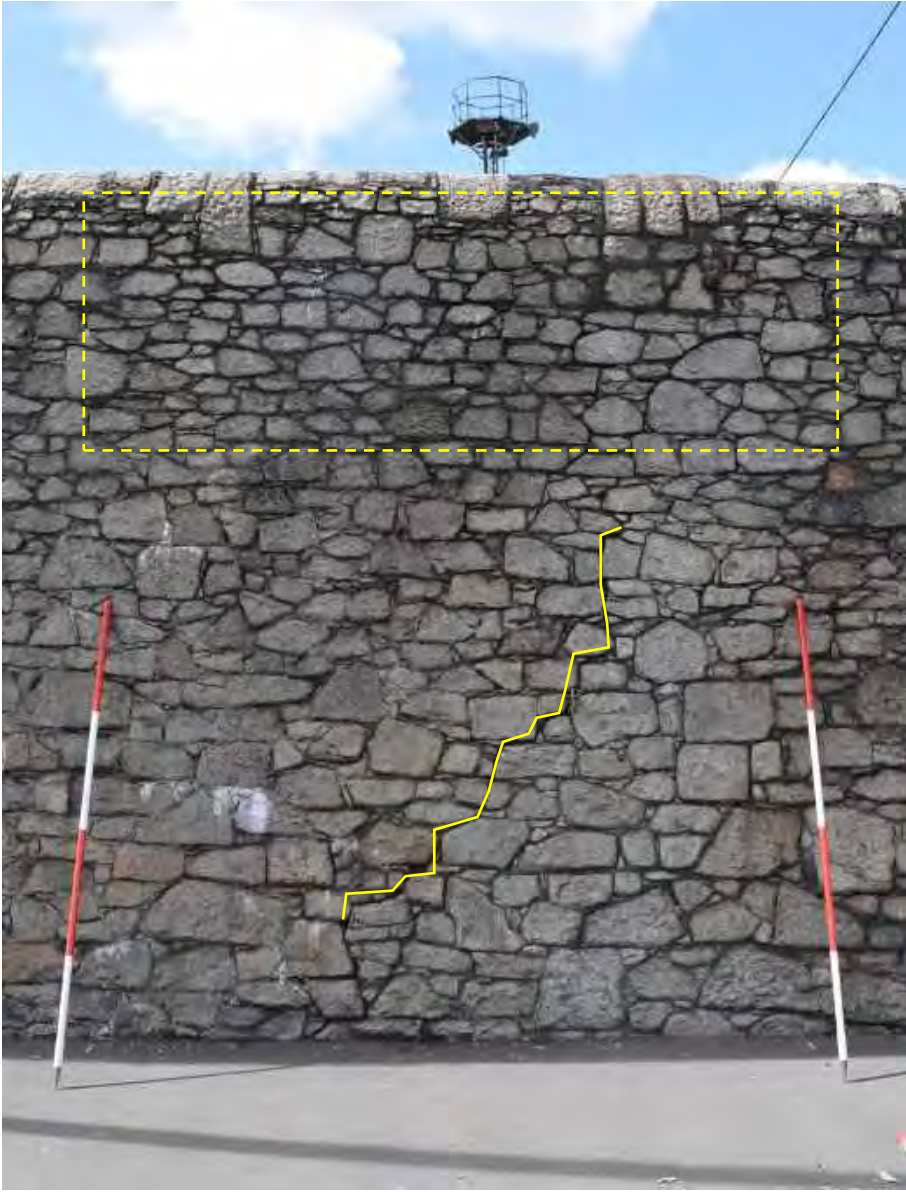


| Location Ref: | RR South Elevation – Section 11 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



| Location Ref: | RR South Elevation – Section 12 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Plant growth in mortar beds.



| Location Ref: | RR South Elevation – Section 13 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Calcium deposits at
base of wall.



| Location Ref: | RR South Elevation – Section 14 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment:</p> <p>Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> <p>Remove plant growth and treat roots.</p> |

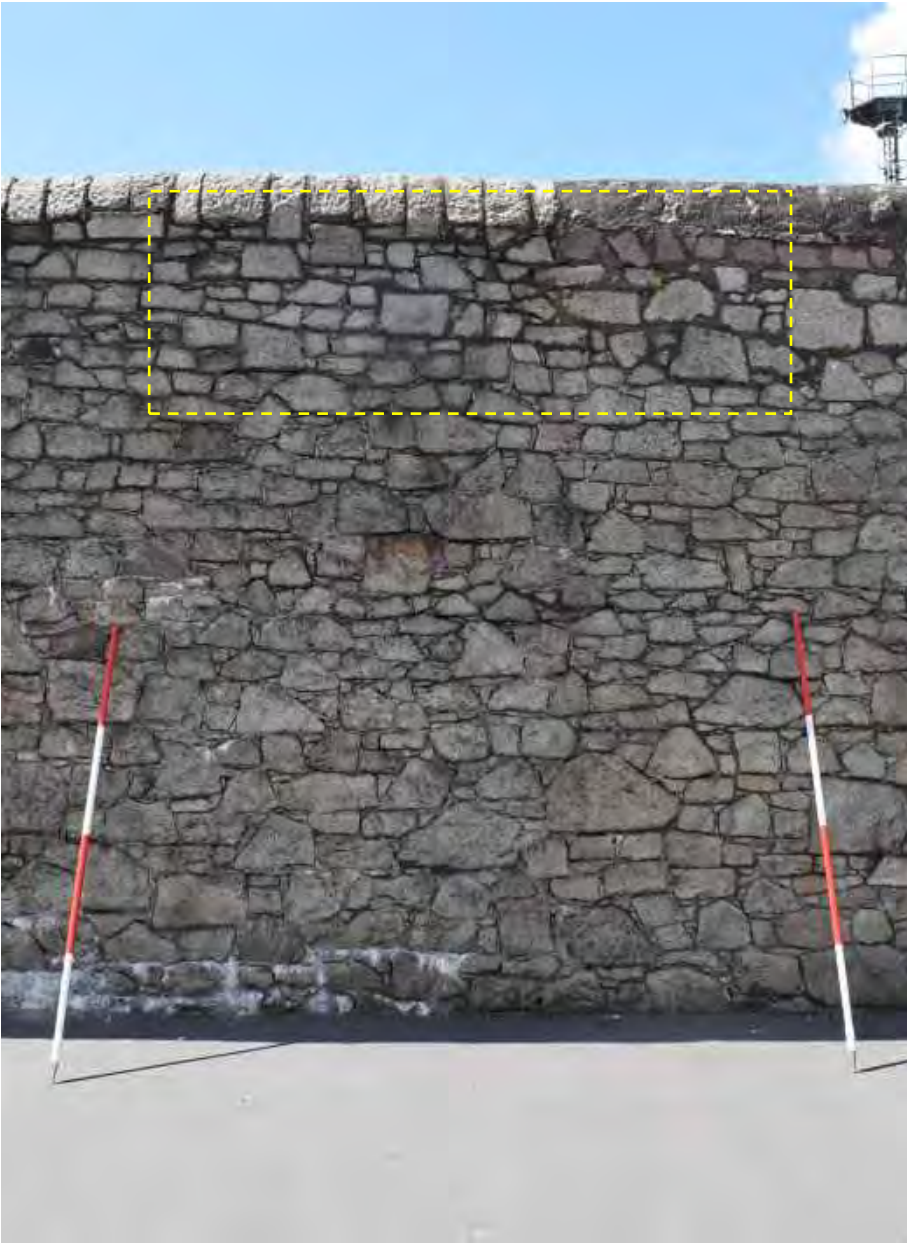
Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Plant growth in loose mortar beds.




| Location Ref: | RR South Elevation – Section 15 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



| Location Ref: | RR South Elevation – Section 16 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Mortar loss around
stones at mid height.



| Location Ref: | RR South Elevation – Section 17 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |


Additional notes and photographs:

Coping stones have been re-pointed.
Mortar loss and cracking to upper wall.



Cracking of mortar at mid height.

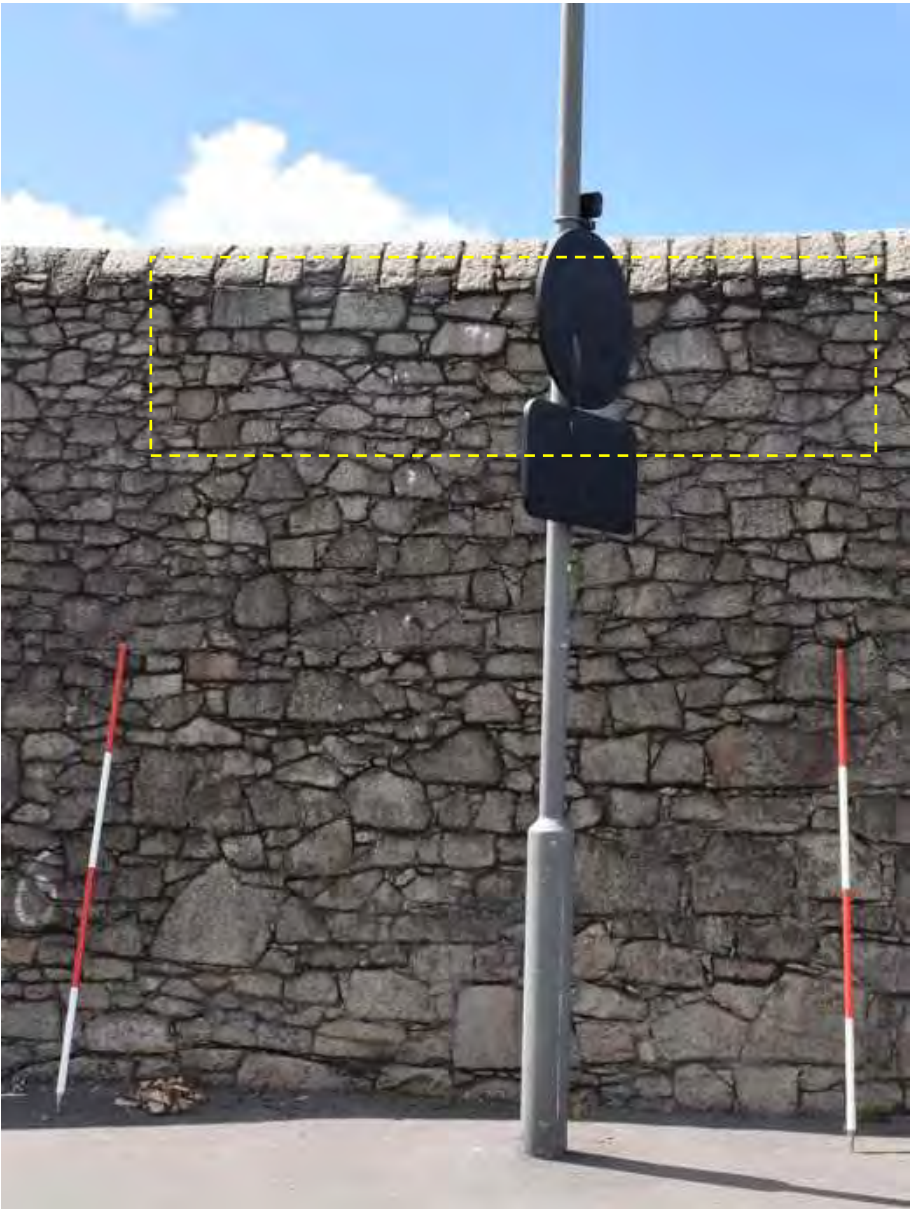


| Location Ref: | RR South Elevation – Section 18 |
|---|---|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  <p>The photograph shows a close-up of a stone wall. A yellow dashed rectangular box is drawn over the upper portion of the wall, indicating the area of re-pointing. Two vertical poles with red and white segments are positioned on either side of the wall at the bottom to provide a sense of scale. The sky is visible above the wall.</p> |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



| Location Ref: | RR South Elevation – Section 19 |
|---|--|
| <p>Wall section width approx. 3.0m</p> <p>Coping stones have been re-pointed (RR side only).</p> <p>Mortar loss and cracking to upper wall areas.</p> <p>More minor mortar loss and cracking to lower levels.</p> |  |
| <p>Condition:</p> | <p>Coping stones to top of wall have been repointed (RR side only). Wall is generally stable but with some cracking and mortar loss around stones especially at higher levels which requires repair.</p> <p>Proposed treatment: Re-point areas of cracked and missing mortar - additional grouting of the upper core areas may be required.</p> |

Additional notes and
photographs:

Coping stones have
been re-pointed.
Mortar loss and
cracking to upper wall.



Cracked mortar beds.



Appendix 7.3 - North and South Gateways

The Regent Road wall adjacent to the Bramley Moore dock has two entranceways. These are formed of substantial circular tapered granite piers with a larger central gate keepers lodge mid-way between the piers. Timber gates are installed on a cast iron track set within the pavement and the piers formed to allow the timber gates to pass through the piers to recesses within the main wall construction.

Northern Gateway

View of the entranceway from Regents Road. Timber gates are present however these are a modern replica of the original gates and are not operable. A post has been formed centrally to provide additional support to the infill panels.



Limit of survey →



Central Lodge – Formed of random coursed granite stonework of similar construction to the main wall. Dressed plinth and projecting cornice, 2No windows facing the road have been blocked in and evidence of chimney at roof level. The base of the lodge is 4575 x 3080 in plan.



View of lodge from within
Bramley Moore Dock.
Timber doorway to lodge is
present and in fair
condition. 2No windows
formed to face the dock.



Internal view of the 2No windows
facing the road. Blocked in
however stonework to opening
appears in sound condition.

Fireplace below.



Remains of hearth / grating in fire surround together with 2 No stone benches formed within the wall recess.

Evidence of limewash on walls.



View of corbelled ceiling formed in stonework. Red gritstone rather than granite has been used.



Condition Summary

Generally, the lodge appeared in a sound condition with no evidence of water ingress into the interior space. The stonework showed signs of cracking as was evident in the main walls however this was not as severe as the upper wall areas. It was not possible to inspect the stonework to the roof structure although internally there were no signs of displacement or severe degradation.

Interior fittings such as the seating, entrance door and fireplace were present and in a sound condition. It is recommended that the considerable debris build-up on the floor is removed and more detailed inspection of the roof structure are carried out to determine a suitable work-scope to conserve and retain the features of the lodge.

Left Pier



Cast iron guide internally within pier for the timber gate. Externally on the main wall there are 2No additional guides - the more southerly guide is broken .

Internal guide within pier. →

External guide to wall. →



Condition Summary

Generally, the pier appeared in a sound condition although some cracking of the mortar was evident at higher level. The top of the pier could not be inspected and it is further recommended that this is undertaken to determine the water tightness and water management from the roof of the pier.

Southern Entrance

The southern entrance is in use to access a number of businesses adjacent to Bramley Moore Dock although additional steel gates have been installed behind the line of the piers. Within the recesses of the piers the original timber gates are present although these are in a degraded condition and not operational.

Southern entrance



Left Pier



Signage fixed to pier with ferrous staining of the stonework. Plant growth to upper stonework elements. Gate present in recess.

Right Pier



Timber gate (RH Pier) – gate is in a degraded condition however substantially intact.

Gate passes through a slot in the stone pier.



Iron wheel supports the gate on a cast iron track. At high level a cast iron guide is present within the pier stonework.



Timberwork is degraded especially at low level however a conservation repair could be undertaken to retain historic elements of the gate in sound condition.



Timber meeting rail is damaged although intact. Uneven coursing of the stonework.

Cast iron gate pull is still present.



Condition Summary

Generally, the stonework to the south entrance appeared in a sound condition. The stonework showed signs of cracking as was evident in the main walls however this was not as severe as the upper wall areas although some localised repairs will be required. It was not possible to inspect the lodge as it was blocked in and secured or the rear of the left pier as this was within the demise of the timber yard. Should access become available these areas should be inspected together with a high-level view of the stonework to the roof.

Both gates were present although these appeared to be in a degraded condition and had not been used for some time. The timberwork and fittings however could be restored to retain as much as possible of their original heritage features.

Regent Road Wall

Mortar Analysis Report

Sample Reference: 01 (Bedding Mortar)

| | |
|-----------------|----------------------------|
| Client: | Laing O'Rourke |
| Site Details: | Bramley Moore Dock |
| Analysis Date: | 20 th June 2020 |
| Prepared by: | Joy Baister |
| Analysed by: | Richard Baister |
| Sample Location | Sample 1(Bedding Mortar) |

Heritage Project Management
The Barn, Folly Cottage
53 Coalport Road
Broseley
Shropshire
TF12 5AN

www.heritageprojectmanagement.com



| | | |
|------------------|-------------|----------------------------|
| Document Version | Checked by: | Date: |
| Final | PM | 20 th June 2020 |

1.0 Introduction

Mortar samples are analysed by visual, acid dissolution and aggregate grading.

Visual inspection - samples are inspected as received from the building to identify the consistency of the sample and identify specific ingredients such as hair, coal / coal ash, lime particles. Following grading the samples are also inspected under microscope to identify aggregate materials / shape, insoluble materials and any other features.

Acid dissolution – samples are prepared and then subject to acid dissolution in a 10% solution of Hydrochloric acid to remove soluble binding agents and separate the aggregate materials.

Grading – samples are graded using BS standard sieves to separate the aggregates and provide a grading profile of the aggregate material.


2.0 Mortar Sample – Location and Removal

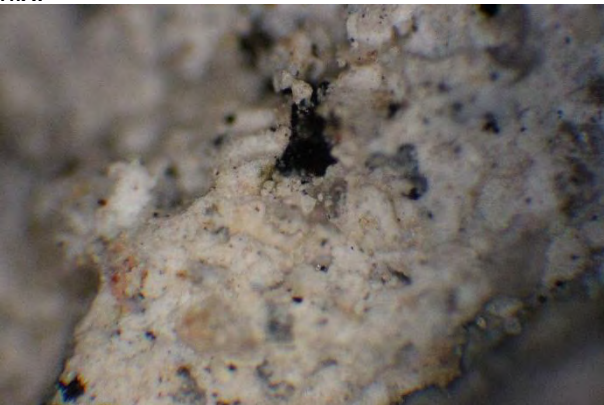
The mortar sample was removed from the Regent Road Wall (Section 29).

The bedding mortar was taken from the wall area by Richard Baister of heritage project management.


3.0 Mortar Examination & Analysis

The sample was dried at 105 degrees Centigrade for approx. 20 minutes to determine its dry weight and undertake the first visual inspection.

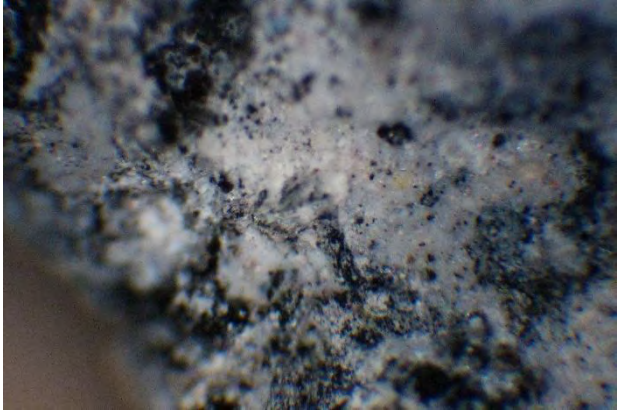
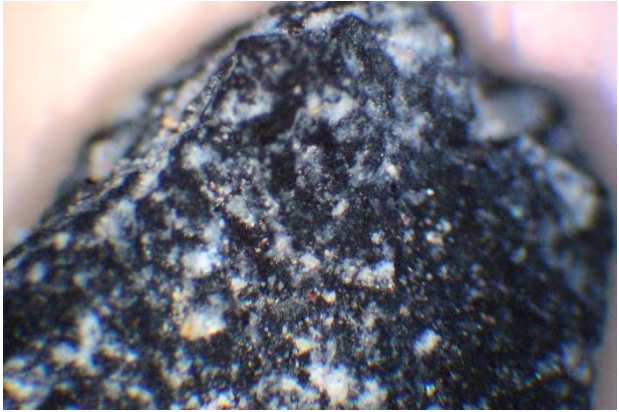

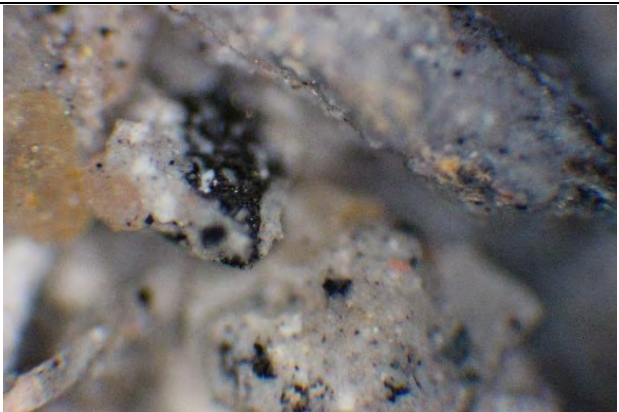
| Procedure: | Description of Findings: |
|--|---|
| Preliminary visual examination comments: | Mortar sample from wall area.  |

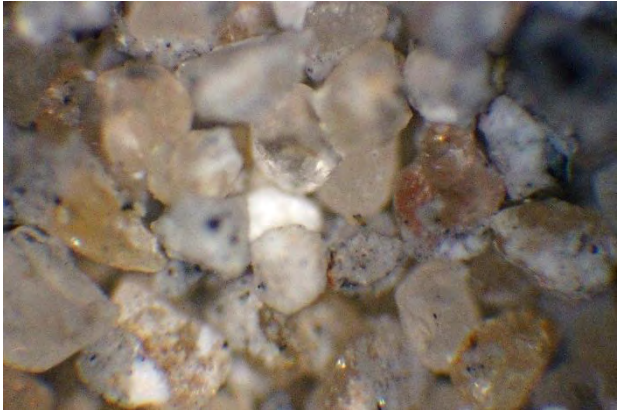
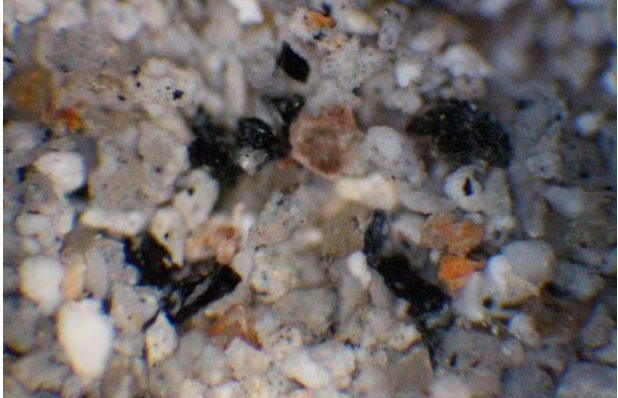
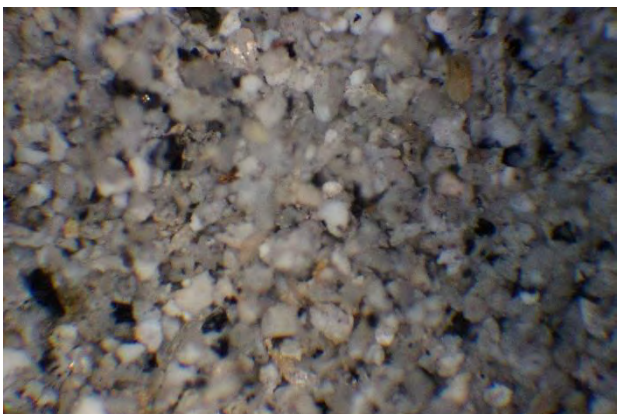
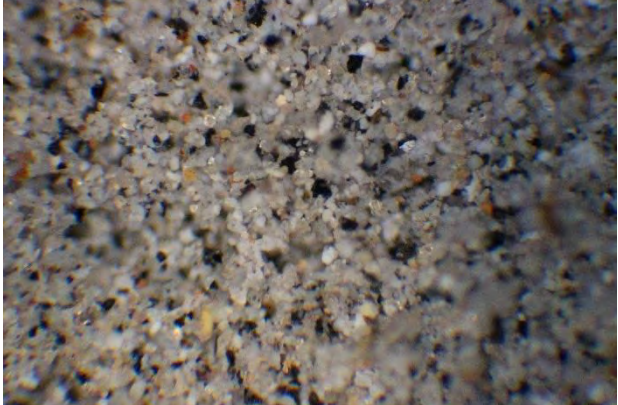
| | | | | | |
|--|---|----------------|-------------------|---------------|--------------------|
| Examination of sample under a binocular microscope (x50 magnification) | A light grey binder material with fine aggregate particles. The binder material appeared to be well consolidated with few voids within the mix.  | | | | |
| Crushing of sample | Very easily crushed | Easily crushed | Moderate to crush | Hard to crush | Very hard to crush |
| Reaction to acid | Very Vigorous Reaction | | Vigorous Reaction | | Moderate Reaction |

4.0 Grading of Aggregates

| | |
|---------------------------|--|
| Completed grading record: |  |
| Additional Comments: | Sample contains coal / ash. |

5.0 Photographic Record of Retained Aggregate

| Material Retained on BS Sieves | Photograph (50x) |
|---|--|
| <p>Retained on 4.00 sieve</p> <p>Larger particles of coal – some undissolved binder on surface.</p> |  |
| <p>Retained on 2.00mm sieve</p> <p>Particles of coal.</p> |  |
| <p>Retained on 1.00mm sieve</p> <p>Particles of coal with some undissolved binder on surface of particles. Some light brown and clear rounded quartz particles.</p> |  |
| <p>Retained on 0.5mm sieve</p> <p>Particles of coal with some undissolved binder on surface of particles. Some light brown and clear rounded quartz particles.</p> |  |

| | |
|---|--|
| <p>Retained on 250 micron sieve</p> <p>Some larger rounded particles of light brown, white and clear quartz with some coal particles.</p> |  |
| <p>Retained on 125 micro sieve</p> <p>Predominately light brown, white and clear quartz with coal and ash.</p> |  |
| <p>Retained on 63 micron sieve</p> <p>Predominately particles of grey ash together with light brown, white and clear quartz with some coal particles.</p> |  |
| <p>Passing 63 micron sieve</p> <p>Very fine particles of ash, light brown, white and clear quartz with some coal particles.</p> |  |

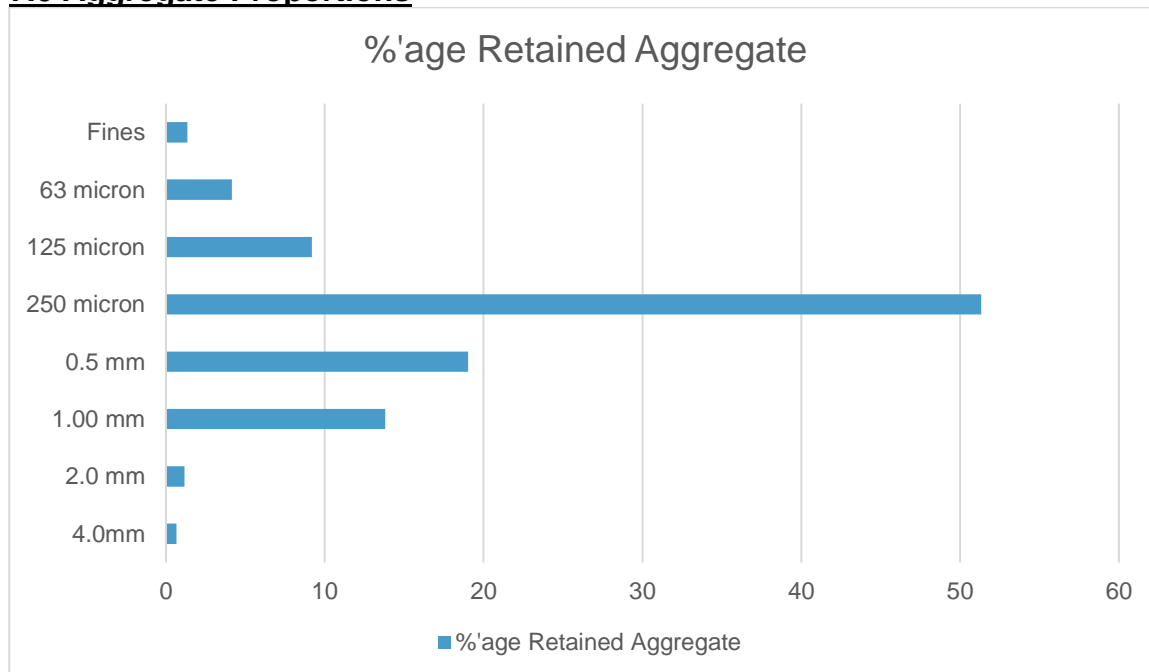
Additional comments

The aggregate has been combined with coal / coal ash particles.

6.0 Aggregate Separation:

| BS Sieve mesh size | Residue retained (gms) | Undissolved binder (%) | Aggregate weight (gms) | Aggregate weight (%) |
|--------------------|------------------------|------------------------|------------------------|----------------------|
| 4.00mm | 0.15 | 0% | 0.15 | 0.67 |
| 2.00mm | 0.16 | 0% | 0.26 | 1.16 |
| 1.00mm | 3.26 | 5% | 3.10 | 13.81 |
| 0.50mm | 4.49 | 5% | 4.27 | 19.03 |
| 250 micron | 12.80 | 10% | 11.52 | 51.34 |
| 125 micron | 2.29 | 10% | 2.06 | 9.18 |
| 63 micron | 1.16 | 20% | 0.93 | 4.14 |
| Residue | 0.37 | 20% | 0.30 | 1.34 |
| Total | 24.68 | | 22.44 (D) | |

7.0 Aggregate Proportions



8.0 Constituents of Analysis Sample:

| | Material | Weight (gms) | Comments |
|---|--|--------------|---------------|
| A | Dry weight of analysis sample | 40.82 | |
| B | Dry weight of all insoluble materials | 24.68 | |
| C | Dry weight of insoluble binders (B-D) | 2.24 | |
| D | Dry weight of Aggregate | 22.44 | |
| E | Dry weight of Cement, Lime & Binders (A - D) | 18.38 | 45% by weight |

9.0 Proportions of Analysis Sample:

The sample proportions above gives the relative weights of aggregate and carbonated or set cement / lime as:

45% Cement / Lime: 55% Aggregate [By Weight]

le approx. 1:1 [By weight]

10.0 Probable Gauged Original Mix:

The relative proportion of lime appears high however the use of a lightweight fly ash as an aggregate would have reduced the relative proportion of lime considerably by volume as it would have traditionally been gauged. The fly ash and coal would have given the mortar a grey appearance and assisted in the early set of the lime as a pozzolan.

Regent Road Wall

Mortar Analysis Report

Sample Reference: 02 (Pointing Mortar)

| | |
|-----------------|----------------------------|
| Client: | Laing O'Rourke |
| Site Details: | Bramley Moore Dock |
| Analysis Date: | 20 th June 2020 |
| Prepared by: | Joy Baister |
| Analysed by: | Richard Baister |
| Sample Location | Sample 2(Pointing Mortar) |

Heritage Project Management
The Barn, Folly Cottage
53 Coalport Road
Broseley
Shropshire
TF12 5AN

www.heritageprojectmanagement.com



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|------------------|-------------|----------------------------|
| Document Version | Checked by: | Date: |
| Final | PM | 20 th June 2020 |

1.0 Introduction

Mortar samples are analysed by visual, acid dissolution and aggregate grading.

Visual inspection - samples are inspected as received from the building to identify the consistency of the sample and identify specific ingredients such as hair, coal / coal ash, lime particles. Following grading the samples are also inspected under microscope to identify aggregate materials / shape, insoluble materials and any other features.

Acid dissolution – samples are prepared and then subject to acid dissolution in a 10% solution of Hydrochloric acid to remove soluble binding agents and separate the aggregate materials.

Grading – samples are graded using BS standard sieves to separate the aggregates and provide a grading profile of the aggregate material.


2.0 Mortar Sample – Location and Removal

The mortar sample was removed from the Regent Road Wall (Section 29).

The pointing mortar was taken from the wall area by Richard Baister of heritage project management.

3.0 Mortar Examination & Analysis

The sample was dried at 105 degrees Centigrade for approx. 20 minutes to determine its dry weight and undertake the first visual inspection.




| Procedure: | Description of Findings: |
|--|---|
| Preliminary visual examination comments: | <p>Mortar sample from wall area.</p>  |


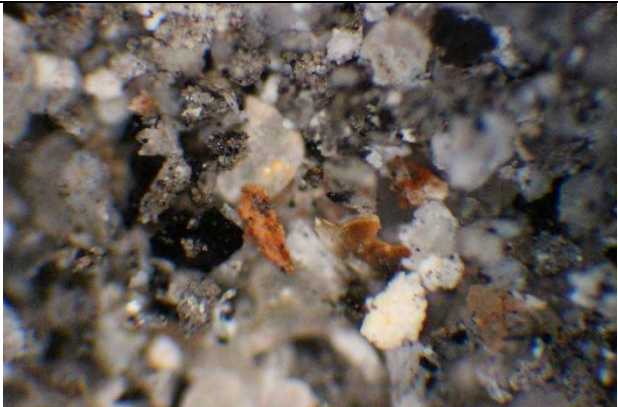
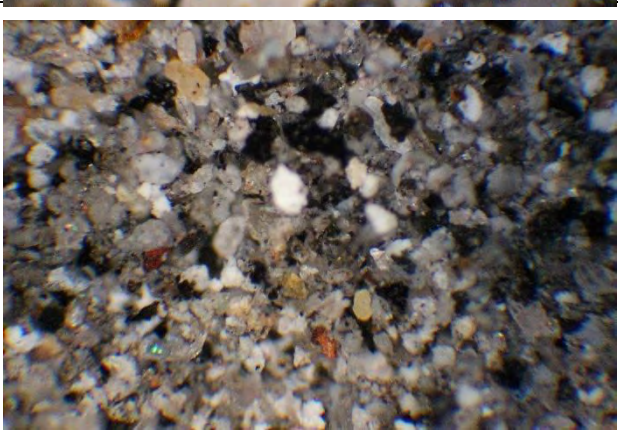
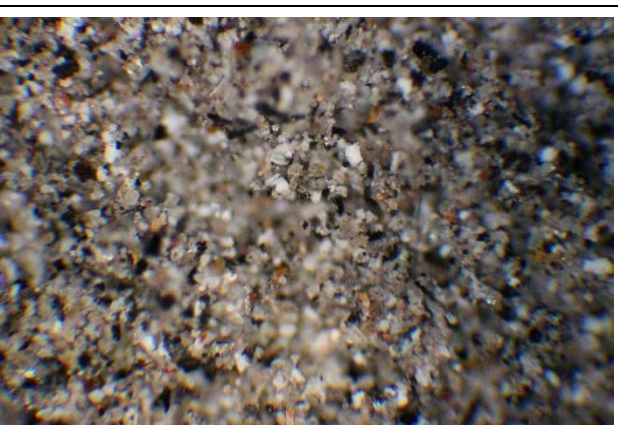
| | | | | | |
|--|---|----------------|-------------------|---------------|--------------------|
| Examination of sample under a binocular microscope (x50 magnification) | A grey binder material with fine aggregate particles. The binder material appeared to be well consolidated with few voids within the mix. <div data-bbox="651 271 1260 674" data-label="Image"> </div> | | | | |
| Crushing of sample | Very easily crushed | Easily crushed | Moderate to crush | Hard to crush | Very hard to crush |
| Reaction to acid | Very Vigorous Reaction | | Vigorous Reaction | | Moderate Reaction |

4.0 Grading of Aggregates

| | |
|---------------------------|---|
| Completed grading record: | <div data-bbox="584 999 1347 1507" data-label="Image"> </div> |
| Additional Comments: | Sample contains coal / ash. |

5.0 Photographic Record of Retained Aggregate

| Material Retained on BS Sieves | Photograph (50x) |
|--|--|
| Retained on 4.00 sieve No material retained. | |
| Retained on 2.00mm sieve Larger particles of limestone. |  |
| Retained on 1.00mm sieve Particles of coal with some undissolved binder on surface of particles. Some light brown and clear rounded quartz particles. |  |
| Retained on 0.5mm sieve Particles of coal with some undissolved binder on surface of particles. Some light brown and clear rounded quartz particles. |  |

| | |
|---|--|
| <p>Retained on 250 micron sieve</p> <p>Some larger rounded particles of light brown, white and clear quartz with some coal particles.</p> |  |
| <p>Retained on 125 micro sieve</p> <p>Predominately light brown, white and clear quartz with coal and ash.</p> |  |
| <p>Retained on 63 micron sieve</p> <p>Predominately particles of grey ash together with light brown, white and clear quartz with some coal particles.</p> |  |
| <p>Passing 63 micron sieve</p> <p>Very fine particles of ash, light brown, white and clear quartz with some coal particles.</p> |  |

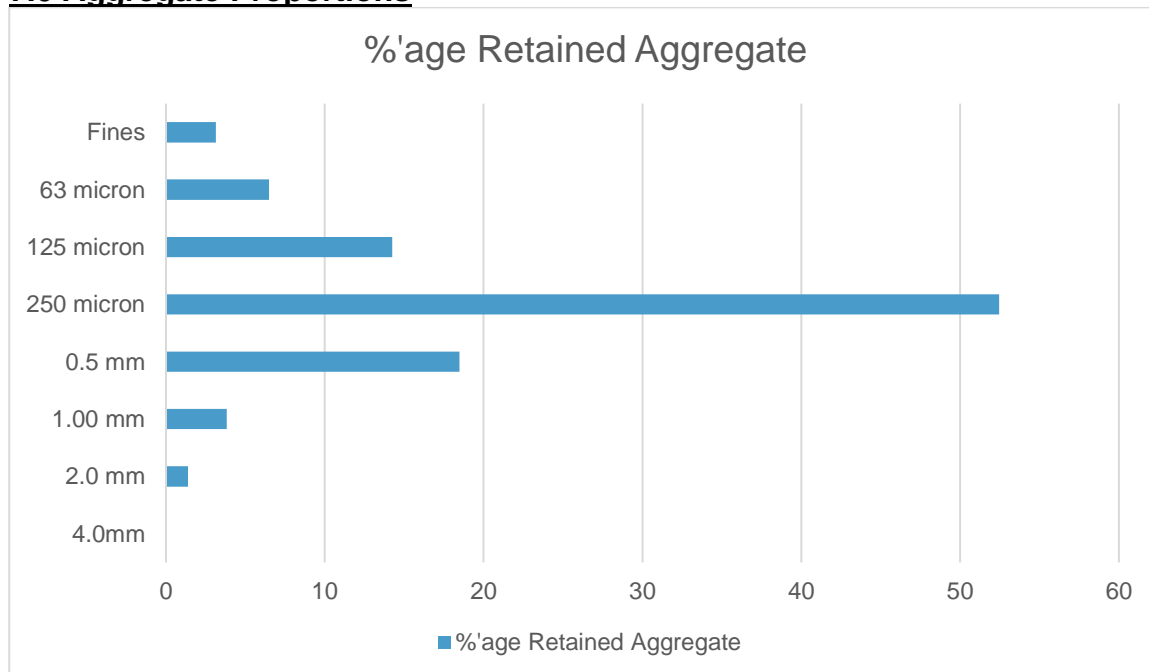
Additional comments

The aggregate has been combined with coal / coal ash particles.

6.0 Aggregate Separation:

| BS Sieve mesh size | Residue retained (gms) | Undissolved binder (%) | Aggregate weight (gms) | Aggregate weight (%) |
|--------------------|------------------------|------------------------|------------------------|----------------------|
| 4.00mm | 0 | 0% | 0 | 0 |
| 2.00mm | 0.14 | 0% | 0.14 | 1.38 |
| 1.00mm | 0.41 | 5% | 0.39 | 3.83 |
| 0.50mm | 1.98 | 5% | 1.88 | 18.47 |
| 250 micron | 5.93 | 10% | 5.34 | 52.46 |
| 125 micron | 1.61 | 10% | 1.45 | 14.24 |
| 63 micron | 0.73 | 10% | 0.66 | 6.48 |
| Residue | 0.35 | 10% | 0.32 | 3.14 |
| Total | 11.15 | | 10.18 (D) | |

7.0 Aggregate Proportions



8.0 Constituents of Analysis Sample:

| | Material | Weight (gms) | Comments |
|---|--|--------------|---------------|
| A | Dry weight of analysis sample | 23.34 | |
| B | Dry weight of all insoluble materials | 11.15 | |
| C | Dry weight of insoluble binders (B-D) | 0.97 | |
| D | Dry weight of Aggregate | 10.18 | |
| E | Dry weight of Cement, Lime & Binders (A - D) | 13.16 | 56% by weight |

9.0 Proportions of Analysis Sample:

The sample proportions above gives the relative weights of aggregate and carbonated or set cement / lime as:

56% Cement / Lime: 44% Aggregate [By Weight]

ie approx. 1:1 [By weight]

10.0 Probable Gauged Original Mix:

The relative proportion of lime appears high however the use of a lightweight fly ash as an aggregate would have reduced the relative proportion of lime considerably by volume as it would have traditionally been gauged. The fly ash and coal would have given the mortar a grey appearance and assisted in the early set of the lime as a pozzolan.

Regent Road Wall

Mortar Analysis Report

Sample Reference: 03 (Brick Wall Mortar)

| | |
|-----------------|-----------------------------|
| Client: | Laing O'Rourke |
| Site Details: | Bramley Moore Dock |
| Analysis Date: | 20 th June 2020 |
| Prepared by: | Joy Baister |
| Analysed by: | Richard Baister |
| Sample Location | Sample 3(Brick Wall Mortar) |

Heritage Project Management
The Barn, Folly Cottage
53 Coalport Road
Broseley
Shropshire
TF12 5AN

www.heritageprojectmanagement.com



| | | |
|------------------|-------------|----------------------------|
| Document Version | Checked by: | Date: |
| Final | PM | 20 th June 2020 |

1.0 Introduction

Mortar samples are analysed by visual, acid dissolution and aggregate grading.

Visual inspection - samples are inspected as received from the building to identify the consistency of the sample and identify specific ingredients such as hair, coal / coal ash, lime particles. Following grading the samples are also inspected under microscope to identify aggregate materials / shape, insoluble materials and any other features.

Acid dissolution – samples are prepared and then subject to acid dissolution in a 10% solution of Hydrochloric acid to remove soluble binding agents and separate the aggregate materials.

Grading – samples are graded using BS standard sieves to separate the aggregates and provide a grading profile of the aggregate material.


2.0 Mortar Sample – Location and Removal

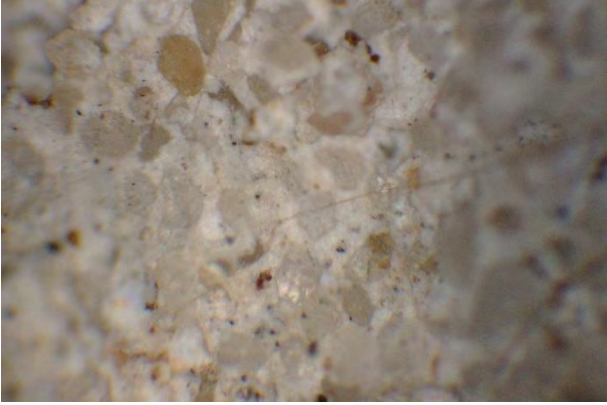
The mortar sample was removed from the Regent Road Wall (Section 20).

The mortar was taken from the brick wall area by Richard Baister of heritage project management.


3.0 Mortar Examination & Analysis

The sample was dried at 105 degrees Centigrade for approx. 20 minutes to determine its dry weight and undertake the first visual inspection.


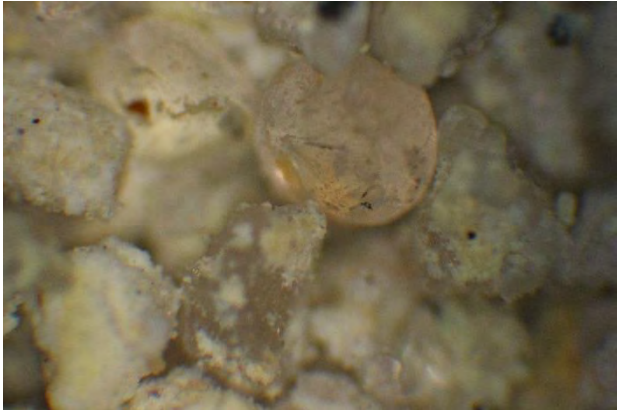
| Procedure: | Description of Findings: |
|--|---|
| Preliminary visual examination comments: | Mortar sample from wall area.  |

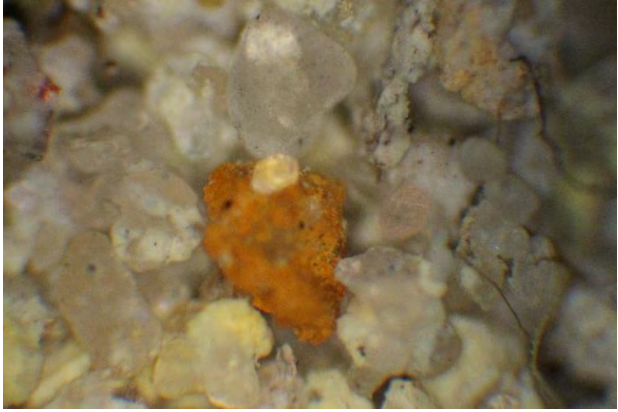
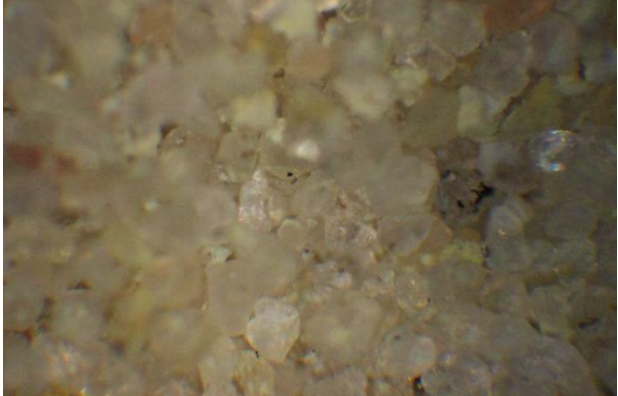
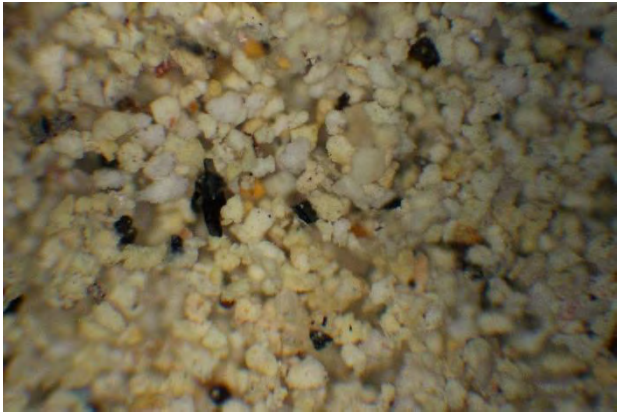
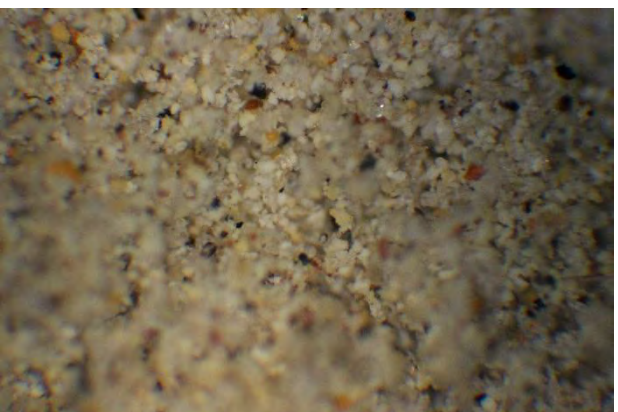
| | | | | | |
|--|--|----------------|-------------------|---------------|--------------------|
| Examination of sample under a binocular microscope (x50 magnification) | A light brown binder material with fine aggregate particles. The binder material appeared to be well consolidated with few voids within the mix.  | | | | |
| Crushing of sample | Very easily crushed | Easily crushed | Moderate to crush | Hard to crush | Very hard to crush |
| Reaction to acid | Very Vigorous Reaction | | Vigorous Reaction | | Moderate Reaction |

4.0 Grading of Aggregates

| | |
|---------------------------|--|
| Completed grading record: |  |
| Additional Comments: | A fine particle size aggregate. |

5.0 Photographic Record of Retained Aggregate

| Material Retained on BS Sieves | Photograph (50x) |
|---|--|
| <p>Retained on 4.00 sieve</p> <p>No material retained.</p> | |
| <p>Retained on 2.00mm sieve</p> <p>No material retained.</p> | |
| <p>Retained on 1.00mm sieve</p> <p>Larger particles of rounded light brown and clear quartz with some undissolved binder on surface of particles.</p> |  |
| <p>Retained on 0.5mm sieve</p> <p>Particles of rounded light brown and clear quartz with some undissolved binder on surface of particles.</p> |  |

| | |
|--|--|
| <p>Retained on 250 micron sieve</p> <p>Particles of rounded light brown and clear quartz with some undissolved binder on surface of particles.</p> |  |
| <p>Retained on 125 micro sieve</p> <p>Predominately white and clear rounded quartz.</p> |  |
| <p>Retained on 63 micron sieve</p> <p>Predominately fine white and clear rounded particles of quartz with some coal particles.</p> |  |
| <p>Passing 63 micron sieve</p> <p>Very fine particles of ash, light brown, white and clear quartz with some coal particles.</p> |  |

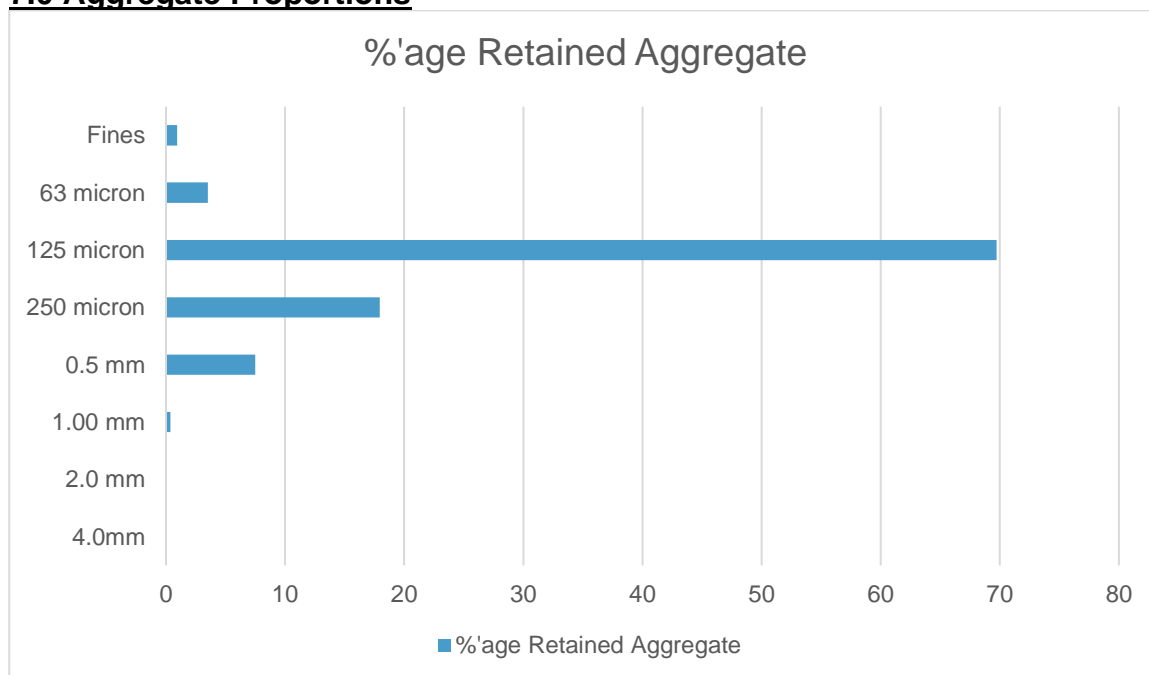
Additional comments

The aggregate is similar to a silver sand.

6.0 Aggregate Separation:

| BS Sieve mesh size | Residue retained (gms) | Undissolved binder (%) | Aggregate weight (gms) | Aggregate weight (%) |
|--------------------|------------------------|------------------------|------------------------|----------------------|
| 4.00mm | 0 | 0% | 0 | 0 |
| 2.00mm | 0 | 0% | 0 | 0 |
| 1.00mm | 0.12 | 5% | 0.11 | 0.38 |
| 0.50mm | 2.29 | 5% | 2.18 | 7.50 |
| 250 micron | 5.22 | 0% | 5.22 | 17.96 |
| 125 micron | 20.27 | 0% | 20.27 | 69.73 |
| 63 micron | 1.02 | 0% | 1.02 | 3.51 |
| Residue | 0.27 | 0% | 0.27 | 0.93 |
| Total | 29.19 | | 29.07 (D) | |

7.0 Aggregate Proportions



8.0 Constituents of Analysis Sample:

| | Material | Weight (gms) | Comments |
|---|--|--------------|---------------|
| A | Dry weight of analysis sample | 37.71 | |
| B | Dry weight of all insoluble materials | 29.19 | |
| C | Dry weight of insoluble binders (B-D) | 0.12 | |
| D | Dry weight of Aggregate | 29.07 | |
| E | Dry weight of Cement, Lime & Binders (A - D) | 8.64 | 23% by weight |

9.0 Proportions of Analysis Sample:

The sample proportions above gives the relative weights of aggregate and carbonated or set cement / lime as:

23% Cement / Lime: 77% Aggregate [By Weight]

ie approx. 1:3 [By weight]

10.0 Probable Gauged Original Mix:

The probably gauged mix by volume would have been 1 part air lime to 3 parts of silver sand.