

**Golden Hill Park, Clydebank:
Archaeological Support for
Antonine Wall Enhancement**



by Liam McKinstry and Douglas Gordon
issued 29th September 2016
on behalf of West Dunbartonshire Council

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Signed *Liam McKinstry* Date ...29th September 2016.....

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Quality Assurance Data

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| Canmore IDs | 43265 Bathhouse, Roman Fort and Fortlet | | |

Contents

| | |
|---|-----------|
| Introduction | 4 |
| Historical and Archaeological Background | 4 |
| Project Works | 4 |
| Findings..... | 6 |
| Initial Test Pits at Enclosure Fence | 6 |
| Watching Brief of Enclosure Fence | 6 |
| Exposed Rampart Base Enhancement..... | 6 |
| Community Test pits | 9 |
| Discussion | 9 |
| Maintenance of Exposed Rampart Base | 11 |
| Conclusion | 12 |
| Acknowledgements | 12 |
| References | 12 |
| Documentary | 12 |
| Appendix 1: Test Pit Details..... | 13 |
| Appendix 2: Registers..... | 19 |
| Context Register..... | 19 |
| Photographic Register | 20 |
| Appendix 3: Discovery & Excavation in Scotland | 27 |
| Contact Details | 28 |

Figures

| | |
|--|----|
| Figure 1: Plan of watching brief area..... | 5 |
| Figure 2a: View of new enclosure fence being erected. From SSE. | 7 |
| Figure 2b: SSW facing section of corner fence post 7. | 7 |
| Figure 3a: View of southern slot trench showing rampart base kerb stones. From WNW..... | 8 |
| Figure 3b: View of southern and northern slot trenches with gravel laid out. From SW. | 8 |
| Figure 4a: Volunteers excavating..... | 10 |
| Figure 4b: Guided Walk | 10 |

Introduction

1. This Data Structure Report has been prepared for West Dunbartonshire Council in respect to the archaeological works carried out in support of the Antonine Wall enhancement project at Golden Hill Park, Clydebank.
2. This project focused on the renewal of the fenced enclosure around the exposed section of rampart base as well as promoting the archaeological importance of the site through test pitting by the community, outwith the Scheduled Monument. These archaeological works were mitigated adverse impact on archaeological remains within the Scheduled Monument area and were carried from the 30th March to the 23rd September 2016.
3. The archaeological works were within a Scheduled Monument, designated under the terms of the Ancient Monuments and Archaeological Areas Act 1979. The designated site was Golden Hill Park Roman fort, annexe and bathhouse (Index No 7070). Further to this the site was also an element of the Frontiers of the Roman Empire (Antonine Wall) World Heritage Site, recognised to be of International significance.
4. A Risk Assessment Method Statement (Rees 2016) provided the detail of the works (archaeological monitoring, exclusion, excavation, post-excavation analyses and publication) for the mitigation within the project area. This report presents the findings of the archaeological works which were carried out as a requirement of the granted Scheduled Monument Consent (Reference/Case ID 201507447).
5. Rathmell Archaeology Limited were appointed by West Dunbartonshire Council to undertake the project works and implementation of archaeological mitigation works for the Antonine Wall Enhancement Project at Golden Hill Park, Clydebank.

Historical and Archaeological Background

6. The historical and archaeological background are discussed more fully within the Risk Assessment Method Statement (RAMS) for the Antonine Wall enhancement at Golden Hill Park, Clydebank;

Rees, T. 2016. Golden Hill Park, Clydebank: Archaeological Support for Antonine Wall Enhancement, Risk Assessment Method Statement.

Project Works

7. The archaeological works, which took place from the 30th March to the 23rd of September 2016, were carried out in keeping with the methods detailed in the Risk Assessment Method Statement (RAMS) (Rees 2016). These works comprised:
 - a. the excavation of two hand dug test pits to clarify foundations of the existing fence (item A1 within SMC Application);
 - b. the monitoring of the removal of the existing fence and the installation of the new fence (item A4 and A5 respectively within SMC Application);
 - c. the excavation of a gully along the outside edge of the rampart kerbs within the fence enclosure (item B3 within SMC Application) and also the removal of excess vegetation from the exposed rampart to display the individual rampart stones more clearly; and
 - d. excavation of a series of hand dug test pits by volunteers from the community within the wider landscape both within and without the scheduled monument area to inform future park maintenance.
8. The works detailed as bullet points a to c were within the Scheduled Monument, designated under the terms of the Ancient Monuments and Archaeological Areas Act 1979. The designated site was Golden Hill Park Roman fort, annexe and bathhouse (SM 7070). The works detailed were conducted with valid Scheduled Monument Consent.

All of the works complied with the Chartered Institute for Archaeologists' Standards and Policy Statements and Historic Environment Scotland's Policy Statements.

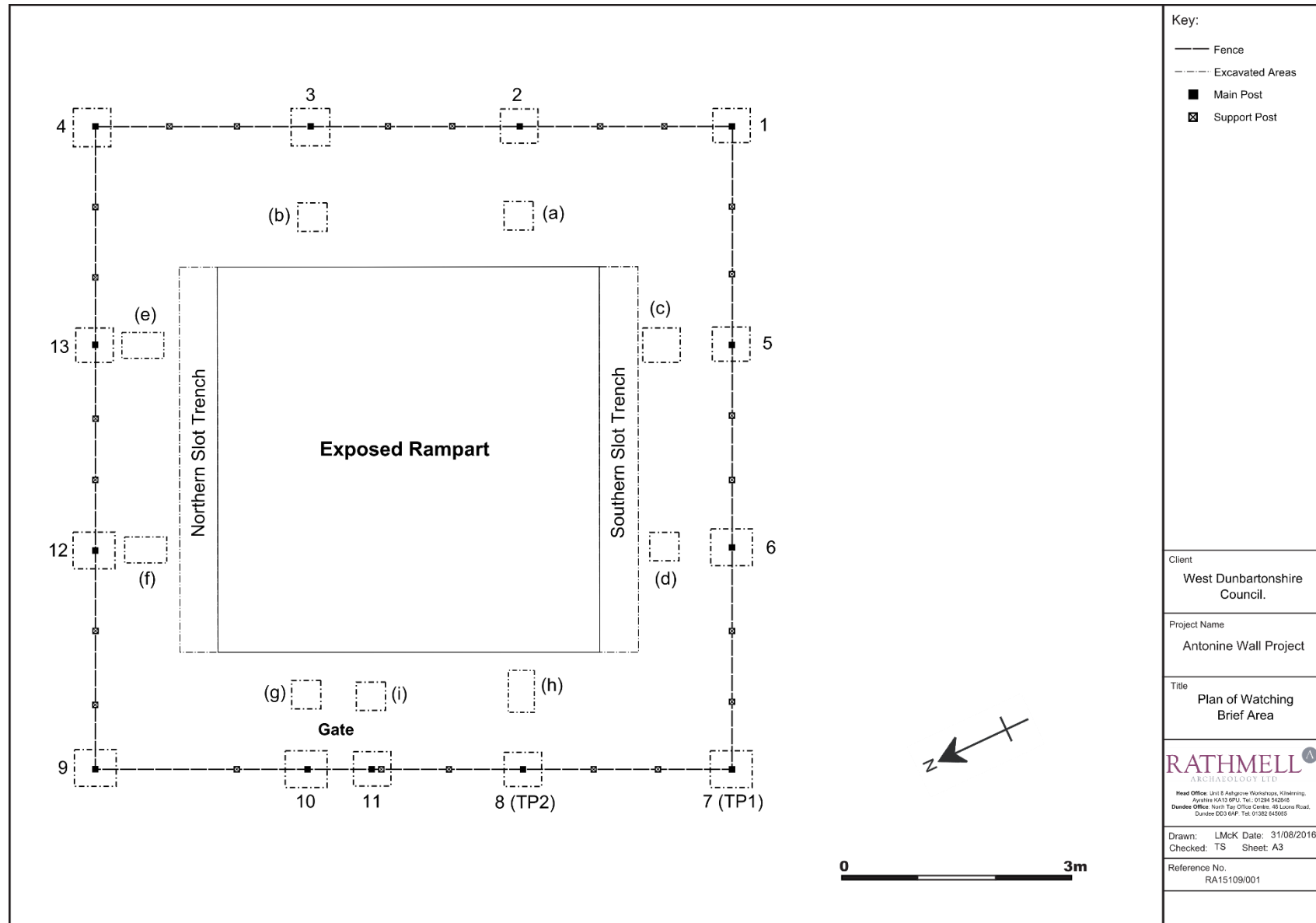


Figure 1: Plan of watching brief area

Findings

9. The findings of the four stages of the Antonine Wall Enhancement project are listed below.

Initial Test Pits at Enclosure Fence

10. Two test pits were excavated on the WNW side of the original enclosure fence (Figure 1). These test pits were excavated so as to assess the impact, if any, on underlying archaeology from the construction of the original fence. This information was to be used in the design of the new fence - full details of these test pits are shown within Appendix 1.
11. The upper, topsoil, deposit (001) within Test Pits 1 and 2 comprised of moderately compacted mid grey-brown silty clay with occasional small stone and modern detritus (glass, white glaze pottery) inclusions. The deposit had a depth range within the test pits of between 110 and 310mm.
12. The middle fill within Test Pit 1 (002) comprised of moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic) inclusions. The deposit had a depth range within these test pits of between 230-390mm. The basal deposit (003) within Test Pit 1 comprised of moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤ 90 mm in size. The deposit has a depth range within the test pit of between 120-200mm. The lower fill (004) within Test Pit 2 comprised of moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone and plastic inclusions. The deposit had a depth of 460mm within the test pit.

Watching Brief of Enclosure Fence

13. A watching brief (Figure 1) of the dismantling of the original enclosing fence and erection of a new one took place from the 15th to the 16th of August 2016. The fence was square in plan and measured 8.5m by 8.5m. The fenced off area was orientated in a NNE to SSW direction. The original fence was secured to the ground by thirteen main posts (1-13) with the new fence reusing twelve of the original postholes. As well as these main posts there were nine stay supports (a-i), of which eight were reused for the new fence and twelve panel supports which were all reused by the new fence. Two of the main posts, 7 and 8, had already been partially excavated during the initial works (Test Pits 1 and 2). A full list of the original fence post holes is shown within Appendix 1.
14. The upper, topsoil, deposit within all of the fence and stay post holes (001) comprised of moderately compacted mid grey-brown silty clay with occasional small stone and modern detritus (glass, white glaze pottery) inclusions. The deposit had a depth range of between 110 and 310mm. The middle deposit (002) within Fence posts 6-7 and Stay posts (c) and (d) comprised of moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in pit 8) inclusions. The deposit had a depth range within these holes of between 230-390mm. The basal deposit (003) within Fence posts 6-7 and Stay posts (c) and (d) comprised of moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤ 90 mm in size. The deposit has a depth range within these holes of between 120-200mm. The main deposit (004) within Fence posts 2-5, 8-9 and 11-13 and Stay posts (b) and (e)-(i) comprised of moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. The deposit had a depth range within these holes of between 300-550mm. The main deposit (005) within Fence posts (1 and 10) and stay post (a) comprised of moderately compacted, mixed mid yellow/mid grey-brown clay with moderate small to medium sized stone and very occasional plastic inclusions. The layer had a depth range of between 300-550mm.

Exposed Rampart Base Enhancement

15. Following the erection of the new enclosure fence two shallow trenches 150-200mm in depth were excavated against the front and rear face of the exposed rampart base (Figure 3a). The excavated trenches were lined with a geotextile material (terram) and were filled with a 20mm limestone gravel (Figure 3b). The full details of the two slot trenches are shown within Appendix 1.



Figure 2a: View of new enclosure fence being erected. From SSE.



Figure 2b: SSW facing section of corner fence post 7.



Figure 3a: View of southern slot trench showing rampart base kerb stones. From WNW.



Figure 3b: View of southern and northern slot trenches with gravel laid out. From SW.

16. The upper, topsoil, deposit within both trenches (001) comprised of moderately compacted mid grey-brown silty clay with occasional small stone and modern detritus (glass, white glaze pottery) inclusions, though a single shred of Samian ware (Find No. 4) was also recovered. The deposit had a depth range within the trenches of between 140 and 300mm. The underlying deposit (006) was exposed and cleaned but not excavated as it was possible that it was contemporaneous with the exposed rampart base and as such the scheduled monument consent did not allow it. This deposit comprised of moderately to firmly compacted, mid orange-brown/grey-brown clay with occasional to moderate small stone and occasional medium sized, flattish, stone inclusions.
17. As well as the insertion of the two gravel strips the exposed rampart base was cleared of excess vegetation and all recent refuse was removed from the site. The vegetation was cut as short as possible using a petrol powered strimmer and hand shears/secateurs but enough was left covering the rampart to retain its structural integrity.

Community Test pits

18. A series of small excavations took place outwith the Scheduled Monument as part of a community involvement. The first excavations were carried out in conjunction with the nearby Goldenhill Primary School. The children from the Primary 5 classes received a talk explaining about archaeology and the Antonine Wall, and on the following day they were able to dig within two test pits and were given a guided walk around the known monument.
19. The second excavation were carried out on the 23rd September 2016 for an archaeology day for the general community which consisted of guided walks around the known monument and the chance to excavate within a test pit.
20. No archaeological deposits were uncovered by any of the test pits, which revealed topsoil with occasional modern detritus measuring approximately 250mm in depth over a mid-brown silty clay subsoil.

Discussion

21. The initial test pits and watching brief at the enclosure fence showed up only previously disturbed ground within the fence and stay posts. The topsoil (001) was covered mostly in rough grass and moss though in places along the enclosure fences perimeter it was worn away. The deposit itself contained modern detritus such as plastic food wrappers, tin cans and glass. The underlying subsoil deposits (002-005) also contained modern detritus though not in the same quantity as the topsoil.
22. During the removal of the original enclosure fence only the base of each hole was identified as each fence post and stay had a square shaped metal base plate attached which made this identification easier. The original sides of the holes were not identified as the excavations carried out during each removal was deliberately kept as small as possible to minimise any risk to the Antonine Wall. This would suggest that the area of the holes excavated for the original enclosure fence was much larger. The subsoils ((002)-(005)) identified within the holes were all redeposited natural subsoils from the original enclosure fences post and stay holes. The presence of moderate amounts of stone within some of the holes suggests that they may have been excavated straight through parts of the rampart.
23. The two shallow trenches excavated against the front and rear face of the exposed rampart base to create gravel strips were only excavated through the topsoil (001) to expose the underlying subsoil (006). The topsoil in both trenches was highly disturbed containing frequent inclusions of modern detritus such as plastic, modern glass, modern ceramic and tin cans (see appendix 2). However one small fragment of Roman period Samian ware (Find No. 4) was recovered within the southern slot trench alongside all of the modern material suggesting that some of this modern disturbance had affected underlying Roman deposits. Some flattish stones were noted within the exposed natural subsoil (006) which may possibly be the result of tumble from the rampart base or could have as easily just been naturally occurring.



Figure 4a: Volunteers excavating



Figure 4b: Guided Walk

Maintenance of Exposed Rampart Base

24. The exposed rampart base is a section of the Antonine Wall. It is a protected Scheduled Monument and unauthorised disturbance is an offence. The following maintenance guidance has been designed to be compliant with the protecting legislation. **Any variation from this specification will require prior consultation with Historic Environment Scotland to ensure no offence occurs.**
25. The rampart base at Goldenhill Park is NOT a solid bed of stone edged by continuous kerbs. Rather, the wall base has a discontinuous run of kerb stones to either side of a spread of stones bedded into subsoil. To prevent erosion we are managing the stones within a grass surface. The gravel strips have been placed to show the outside edges of these kerb stones.
26. The aim is to:
 - ❖ remove litter;
 - ❖ keep the grass sward short to reveal the stones; and
 - ❖ keep the gravel clear of weeds.
27. It is recommended that a continual programme of maintenance be carried out within the fenced enclosure which will include:
 - ❖ use approved **selective** herbicide on the rampart base which will support grass while controlling perennial weeds on a cycle that meets the manufacturers recommendations for safe use;
 - ❖ use approved **general** herbicide on the gravel strips on a cycle that meets the manufacturers recommendations for safe use;
 - ❖ regular cutting (by strimmer or equivalent) of grass to keep sward as short as possible without initiating erosion. Cut vegetation should be raked, lifted and removed from the enclosure; and
 - ❖ regular removal of litter.
28. A range of usual land management tasks can be offences that could be prosecuted. Care should be taken to ensure:
 - ❖ No vegetation is pulled or dug out of the ground
 - ❖ No stones are disturbed, excavated, lifted or relocated
 - ❖ No material or goods are dumped or stored within the enclosure
29. The acceptability of these recommendations must be confirmed with Historic Environment Scotland prior to their adoption.

Conclusion

30. This Data Structure Report presents the findings of the archaeological works which were carried out as a requirement of the granted Scheduled Monument Consent (Reference/Case ID 201507447) in support of the enhancement project within Goldenhill Park, Duntocher. The archaeological works were designed to mitigate the impact on the archaeological remains from the renewal of the fence enclosure and to improve the presentation of the wall base section within the enclosure. The specification of works was designed and adapted to secure the agreement of Historic Environment Scotland.
31. The watching brief confirmed that the fence renewal was delivered in a manner that did not adversely affect the Scheduled Monument. Further, the insertion of gravel lined gullies to the front and rear of the wall did not disturb significant archaeological strata – though a sherd of samian ware was recovered. Community involvement through talks, guided tours and testpits (outwith the Scheduled Monument) sought to promote the works.
32. No other significant archaeological features or artefacts were disturbed by the works.

Acknowledgements

33. The author would like to thank Alison O’Kane and Alan Williamson of West Dunbartonshire Council, for the opportunity to carry out these works and also to Donald Petrie and Gerry McMasters of Greenspace for their assistance during the project.
34. I would also like to thank Simon Stronach of Historic Environment Scotland who gave support and guidance throughout the project. Thanks should also go to Rathmell Archaeology site staff Joss Durnan and Craig Stanford and Thomas Rees for his editing of this report.
35. Special thanks should also be given to the children and staff at Golden Hill Primary School as well the local Duntocher residents who helped with the community test pits.

References

Documentary

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Appendix 1: Test Pit Details

Within this appendix a standardised set of data pertaining to the Test Pits is presented.

Test Pit Summary

| Test Pit | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|----------|--|-----------|--|-------------------------------|----------------------|-----------|
| 1 | 2m by 51.8m 103.6m ² | 450-510mm | (002) Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone plastic inclusions. (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size (same as fence post 7). | None | None | None |
| 2 | 2m by 50.9m 101.8m ² | 290-440mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone and plastic inclusions (same as fence post 8). | None | None | None |
| 3 | 1m by 1m 1m ² | 230mm | (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size | None | None | None |
| 4 | 1m by 1m 1m ² | 240mm | (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size | None | None | None |
| 5 | 1m by 1m 1m ² | 230mm | Not reached | None | None | None |

Fence/stay hole summary

| Fence/ stay holes | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|----------------------------------|------------------|---------------|---|--|---------------------------------|------------------|
| 1 | 0.5m by 0.5m | 800- 900mm | (005) Moderately compacted, mixed mid yellow/mid grey-brown clay with moderate small to medium sized stone and very occasional plastic inclusions. | None | None | None |
| 2 | 0.5m by 0.6m | 650- 700mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| 3 | 0.5m by 0.5m | 680- 720mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| 4 | 0.5m by 0.6m | 700- 750mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| 5 | 0.48m by 0.5m | 690- 700mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |

| Fence/ stay holes | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|-------------------------|----------------------|---------------|---|----------------------------------|-------------------------|-----------------------------------|
| 6 | 0.58m by 0.59m | 650- 700mm | (002) Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in fence post 8) inclusions. (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size. | None | None | None |
| 7 | 0.6m by 0.6m | 800- 850mm | (002) Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in fence post 8) inclusions. (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size. | None | None | None |
| 8 | 0.5m by 0.5m | 700- 750mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | 1 x small piece of plastic bag |
| 9 | 0.59m by 0.59m | 710- 760mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |

| Fence/ stay holes | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|-------------------------|----------------------|---------------|---|----------------------------------|-------------------------|--|
| 10 | 0.6m by 0.6m | 650- 710mm | (005) Moderately compacted, mixed mid yellow/mid grey-brown clay with moderate small to medium sized stone and very occasional plastic inclusions. | None | None | 2 x modern glass fragments, 1 x modern ceramic sherd |
| 11 | 0.5m by 0.5m | 200- 300mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| 12 | 0.5m by 0.5m | 620- 650mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| 13 | 0.48m by 0.55m | 590- 610mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| (a) | 0.4m by 0.4m | 300mm | (005) Moderately compacted, mixed mid yellow/mid grey-brown clay with moderate small to medium sized stone and very occasional plastic inclusions. | None | None | None |
| (b) | 0.4m by 0.4m | 440mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |

| Fence/ stay holes | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|-------------------------|-----------------|---------------|---|----------------------------------|-------------------------|-----------|
| (c) | 0.5m by 0.5m | 450- 500mm | (002) Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in fence post 8) inclusions. (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size. | None | None | None |
| (d) | 0.4m by 0.4m | 370- 450mm | (002) Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in fence post 8) inclusions. (003) Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤90mm in size. | None | None | None |
| (e) | 0.4m by 0.6m | 650- 700mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| (f) | 0.4m by 0.6m | 750- 800mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |
| (g) | 0.4m by 0.7m | 700- 720mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |

| Fence/ stay holes | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|-------------------|--------------|-----------|---|-------------------------------|----------------------|---------------------------|
| (h) | 0.4m by 0.5m | 180-250mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | 1 x modern glass fragment |
| (i) | 0.4m by 0.6m | 760-800mm | (004) Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. | None | None | None |

Expose Rampart Base Enhancement Slot Trenches

| Slot Trench | Size | Depth | Subsoil Character | Modern/ Agricultural Features | Significant Features | Artefacts |
|-------------|------------|-----------|--|-------------------------------|----------------------|--|
| Southern | 5m by 0.5m | 140-300mm | (006) Moderately to firmly compacted, mid orange-brown/grey-brown clay with occasional to moderate small stone and occasional medium sized, flattish, stone inclusions. Thickness of deposit unknown as it was not excavated just exposed beneath the current topsoil (001). | None | None | 1 x Roman samian pottery sherd and 1 x modern bottle cap, 1 x modern glass fragment within topsoil (001) |
| Northern | 5m by 0.5m | 140-240mm | (006) Moderately to firmly compacted, mid orange-brown/grey-brown clay with occasional to moderate small stone and occasional medium sized, flattish, stone inclusions. Thickness of deposit unknown as it was not excavated just exposed beneath the current topsoil (001). | None | None | None |

Appendix 2: Registers

Within this appendix are all registers pertaining to works on-site during the evaluation.

Context Register

| Context No. | Area/ Trench | Type | Description | Interpretation |
|-------------|-----------------------------------|---------|--|--|
| 001 | All | Deposit | Moderately compacted mid grey-brown silty clay with occasional small stone and modern detritus (glass, white glaze pottery) inclusions. The layer had a depth range of between 110 and 310mm. | Topsoil layer within Golden Hill Park. Possibly its deposition was the result of modern landscaping. |
| 002 | 6, 7, c and d | Deposit | Moderately compacted, mixed mid yellow/mid grey-brown clay with occasional small stone and plastic (in fence post 8) inclusions. The layer had a depth range of between 230-390mm. | A mixed deposit of redeposited topsoil and subsoil. Filling the original fence post holes. |
| 003 | 6, 7, c and d | Deposit | Moderately compacted, mid brown clayey silt with occasional inclusions of small to medium sub-angular stones ≤ 90 mm in size. The layer has a depth range of between 120-200mm. | A mixed deposit of redeposited topsoil and subsoil. Filling the original fence post holes. |
| 004 | 2-5, 8-9, 11-13, b and e-i | Deposit | Moderately compacted, mixed mid orange-yellow/mid grey-brown clay with occasional small stone (and pieces of plastic in Fence post 8) inclusions. The layer had a depth range of between 300-550mm. | A mixed deposit of redeposited topsoil and subsoil. Filling the original fence post holes. |
| 005 | 1, 10 and a | Deposit | Moderately compacted, mixed mid yellow/mid grey-brown clay with moderate small to medium sized stone and very occasional plastic inclusions. The layer had a depth range of between 300-550mm. | A mixed deposit of redeposited topsoil and subsoil. Filling the original fence post holes. |
| 006 | Northern & southern slot trenches | Deposit | Moderately to firmly compacted, mid orange-brown/grey-brown clay with occasional to moderate small stone and occasional medium sized, flattish, stone inclusions. Thickness of deposit unknown as it was not excavated just exposed beneath the current topsoil (001). | Possible subsoil to either side of the Antonine Wall rampart base. The stone inclusions within the deposit may possibly be tumble from the rampart base. |

Finds Register

| Find No. | Area Trench | Context no. | Material Type | Description | Excavator | Date |
|----------|----------------------|-------------|---------------|--|-----------|----------|
| 001 | 10 | (005) | Glass/ceramic | 2 x modern glass fragments, 1 x modern ceramic sherd | LMcK | 10/08/16 |
| 002 | 8 | (004) | Plastic | 1 x small piece of plastic bag | LMcK | 10/08/16 |
| 003 | (h) | (004) | Glass | 1 x modern glass fragment | LMcK | 10/08/16 |
| 004 | Southern slot trench | (001) | Ceramic | 1 x Roman Samian pottery sherd | JAD | 15/08/16 |
| 005 | Southern slot trench | (001) | Metal/glass | 1 x modern bottle cap, 1 x modern glass fragment | LMcK | 15/08/16 |

Photographic Register

| Image No. | Digital | Description | From | Date |
|-----------|----------|--|------|----------|
| 001 | DSCF2149 | Working shot of fence being dismantled | S | 08/08/16 |
| 002 | DSCF2150 | Working shot of fence being dismantled | S | 08/08/16 |
| 003 | DSCF2151 | Working shot of fence being dismantled | S | 08/08/16 |
| 004 | DSCF2152 | View of broken stay | - | 08/08/16 |
| 005 | DSCF2153 | Stay post (a) | S | 08/08/16 |
| 006 | DSCF2154 | Working shot of Fence post 1 (SE corner) | SE | 08/08/16 |
| 007 | DSCF2156 | Working shot of Fence post 1 (SE corner) | SE | 08/08/16 |
| 008 | DSCF2157 | Working shot of Fence post 1 (SE corner) | SE | 08/08/16 |
| 009 | DSCF2158 | Post excavation view of Fence post 1 (SE corner) | S | 08/08/16 |
| 010 | DSCF2159 | Close up view of corner post base, Fence post 1 | - | 08/08/16 |
| 011 | DSCF2160 | Close up view of corner post base, Fence post 1 | - | 08/08/16 |

| Image No. | Digital | Description | From | Date |
|-----------|----------|--|------|----------|
| 012 | DSCF2161 | Stay post (b) | S | 08/08/16 |
| 013 | DSCF2162 | Broken stay | - | 08/08/16 |
| 014 | DSCF2163 | Working shot of Fence post 4 (NE corner) | NNW | 08/08/16 |
| 015 | DSCF2164 | Stay post | - | 08/08/16 |
| 016 | DSCF2165 | Working shot of Fence post 4 (NE corner) | NNW | 08/08/16 |
| 017 | DSCF2166 | Working shot of Fence post 2 (middle) | N | 08/08/16 |
| 018 | DSCF2167 | Working shot of Fence post 4 (NE corner) | N | 08/08/16 |
| 019 | DSCF2168 | Working shot of Fence post 4 (NE corner) | N | 08/08/16 |
| 020 | DSCF2169 | Working shot of Fence post 2 (middle) | N | 08/08/16 |
| 021 | DSCF2170 | Stay post (a), E side (N end) | S | 08/08/16 |
| 022 | DSCF2171 | Stay post (a), E side (N end), close up | S | 08/08/16 |
| 023 | DSCF2172 | Fence post 4 (NE corner), complete | NNW | 08/08/16 |
| 024 | DSCF2173 | Fence post 4 (NE corner), complete | NNW | 08/08/16 |
| 025 | DSCF2174 | Fence post 6, E side (N end), working shot | E | 08/08/16 |
| 026 | DSCF2175 | Fence post 6, E side (N end), working shot | E | 08/08/16 |
| 027 | DSCF2176 | Fence post 6, E side (N end), complete | E | 08/08/16 |
| 028 | DSCF2177 | Fence post 6, E side (N end), complete | S | 08/08/16 |
| 029 | DSCF2178 | Fence post 6, E side (N end), complete | E | 08/08/16 |
| 030 | DSCF2179 | Fence post 6, E side (N end), complete | S | 08/08/16 |
| 031 | DSCF2180 | Working shot of the new fence being set up | - | 08/08/16 |
| 032 | DSCF2181 | Working shot of the new fence being set up | - | 08/08/16 |
| 033 | DSCF2182 | Working shot of the new fence being set up | - | 08/08/16 |
| 034 | DSCF2183 | Working shot of the new fence being set up | - | 08/08/16 |

| Image No. | Digital | Description | From | Date |
|-----------|----------|---|------|----------|
| 035 | DSCF2184 | Working shot of the new fence being set up | - | 08/08/16 |
| 036 | DSCF2185 | Working shot of the new fence being set up | - | 08/08/16 |
| 037 | DSCF2186 | Working shot of the new fence being set up | - | 08/08/16 |
| 038 | DSCF2187 | Working shot of the new fence being set up | - | 08/08/16 |
| 039 | DSCF2188 | Working shot of the new fence being set up | - | 08/08/16 |
| 040 | DSCF2189 | Working shot of the new fence being set up | - | 08/08/16 |
| 041 | DSCF2190 | Working shot of the new fence being set up | - | 08/08/16 |
| 042 | DSCF2191 | Working shot of the new fence being set up | - | 08/08/16 |
| 043 | DSCF2192 | Working shot of the new fence being set up | - | 08/08/16 |
| 044 | DSCF2193 | Working shot of the new fence being set up | - | 08/08/16 |
| 045 | DSCF2194 | Working shot of the new fence being set up | - | 08/08/16 |
| 046 | DSCF2195 | Working shot of Fence post 7 (SW corner) | S | 09/08/16 |
| 047 | DSCF2196 | Working shot of Fence post 7 (SW corner) | S | 09/08/16 |
| 048 | DSCF2197 | Fence post 6, S side (W end), complete | SW | 09/08/16 |
| 049 | DSCF2198 | Fence post 7 (SW corner), complete | S | 09/08/16 |
| 050 | DSCF2199 | Fence post 7 (SW corner), complete | S | 09/08/16 |
| 051 | DSCF2200 | Fence post 6, S side (W end), complete | W | 09/08/16 |
| 052 | DSCF2201 | Fence post 6, S side (W end), complete | S | 09/08/16 |
| 053 | DSCF2202 | Fence post 5, S side (E end), complete | S | 09/08/16 |
| 054 | DSCF2203 | Stay post (c), S side (E end), complete | E | 09/08/16 |
| 055 | DSCF2204 | Exposed rampart base visible after vegetation removal | SE | 09/08/16 |
| 056 | DSCF2205 | Exposed rampart base visible after vegetation removal | SE | 09/08/16 |
| 057 | DSCF2206 | Stay post (d), S side (W end), complete | E | 09/08/16 |

| Image No. | Digital | Description | From | Date |
|-----------|----------|---|------|----------|
| 058 | DSCF2207 | Fence post 9 (NW corner), complete | NNW | 09/08/16 |
| 059 | DSCF2208 | Fence post 9 (NW corner), complete | NNW | 09/08/16 |
| 060 | DSCF2209 | Fence (S side) being removed | SE | 09/08/16 |
| 061 | DSCF2210 | Fence (S side) being removed | S | 09/08/16 |
| 062 | DSCF2211 | Fence (S side) being removed | S | 09/08/16 |
| 063 | DSCF2212 | SW corner post being put in | SE | 09/08/16 |
| 064 | DSCF2213 | SW corner post being put in | SE | 09/08/16 |
| 065 | DSCF2214 | NW corner post being put in | SSE | 09/08/16 |
| 066 | DSCF2215 | NW corner post being put in | SSE | 09/08/16 |
| 067 | DSCF2216 | Gate stay post (i), S end. Metal post set in concrete was cut off. Concrete left in place. | N | 10/08/16 |
| 068 | DSCF2217 | Concrete stay post covered over | N | 10/08/16 |
| 069 | DSCF2218 | Fence post 13 and Stay post (e) | N | 10/08/16 |
| 070 | DSCF2219 | Fence post 13 and Stay post (e) | N | 10/08/16 |
| 071 | DSCF2220 | Gate Fence post 11 | N | 10/08/16 |
| 072 | DSCF2222 | Gate Fence post 10 | S | 10/08/16 |
| 073 | DSCF2223 | Gate Stay post (g) | NE | 10/08/16 |
| 074 | DSCF2224 | Fence post 8, shows plastic fragment in fill (Find No. 2) | NW | 10/08/16 |
| 075 | DSCF2225 | Stay post (h) | S | 10/08/16 |
| 076 | DSCF2226 | Fence post 8 and Stay post (h) | W | 10/08/16 |
| 077 | DSCF2227 | Stay post (h) | S | 10/08/16 |
| 078 | DSCF2228 | Fence posts 8, 10 and 11 and Stay posts (g), (h) and (i) | S | 10/08/16 |
| 079 | DSCF2229 | View of site with several fence and stay posts open but with the original fence still upright | NNW | 10/08/16 |
| 080 | DSCF2230 | Stay post (f) | W | 11/08/16 |

| Image No. | Digital | Description | From | Date |
|------------------|----------------|---|-------------|-------------|
| 081 | DSCF2231 | Fence post 12 and Stay post (f) | S | 11/08/16 |
| 082 | DSCF2232 | Stay post (e) | W | 11/08/16 |
| 083 | DSCF2233 | Fence post 13 and Stay post (e) | S | 11/08/16 |
| 084 | DSCF2234 | Pre excavation of exposed rampart base area before gravel slot trenches | WNW | 15/08/16 |
| 085 | DSCF2235 | Pre excavation of exposed rampart base area before gravel slot trenches | NW | 15/08/16 |
| 086 | DSCF2236 | Pre excavation of exposed rampart base area before gravel slot trenches | WNW | 15/08/16 |
| 087 | DSCF2237 | Pre excavation of exposed rampart base area before gravel slot trenches | NE | 15/08/16 |
| 088 | DSCF2238 | Southern slot trench | W | 15/08/16 |
| 089 | DSCF2239 | Southern slot trench | E | 15/08/16 |
| 090 | DSCF2240 | Northern Slot trench | W | 15/08/16 |
| 091 | DSCF2241 | Northern Slot trench | E | 15/08/16 |
| 092 | DSCF2242 | Post excavation view of both slot trenches | NE | 15/08/16 |
| 093 | DSCF2243 | Working shot – laying terram | E | 15/08/16 |
| 094 | DSCF2244 | Working shot – cleaning of slot trench | SE | 15/08/16 |
| 095 | DSCF2245 | Working shot – laying terram | WNW | 15/08/16 |
| 096 | DSCF2246 | Terram laid out – southern slot trench | W | 15/08/16 |
| 097 | DSCF2247 | Terram laid out – southern slot trench | E | 15/08/16 |
| 098 | DSCF2248 | Central view – laying terram | SE | 15/08/16 |
| 099 | DSCF2249 | Working shot – laying terram | W | 15/08/16 |
| 100 | DSCF2250 | Terram laid out – northern slot trench | W | 15/08/16 |
| 101 | DSCF2251 | Terram laid out – northern slot trench | E | 15/08/16 |
| 102 | DSCF2252 | Gravel bags laid out ready to be placed in slot trenches | SE | 16/08/16 |
| 103 | DSCF2253 | Working shot – laying gravel | WSW | 16/08/16 |

| Image No. | Digital | Description | From | Date |
|------------------|----------------|---|-------------|-------------|
| 104 | DSCF2254 | Working shot – laying gravel | WSW | 16/08/16 |
| 105 | DSCF2255 | Gravel laid in southern slot trench | W | 16/08/16 |
| 106 | DSCF2256 | Gravel laid in northern slot trench | W | 16/08/16 |
| 107 | DSCF2257 | Gravel laid in both slot trenches | E | 16/08/16 |
| 108 | DSCF2258 | Gravel laid in northern slot trench | E | 16/08/16 |
| 109 | DSCF2259 | Gravel laid in southern slot trench | E | 16/08/16 |
| 110 | DSCF2260 | Gravel laid in both slot trenches | SW | 16/08/16 |
| 111 | DSCF2261 | Gravel laid in both slot trenches | NE | 16/08/16 |
| 112 | DSCF2262 | Gravel laid in both slot trenches | SW | 16/08/16 |
| 113 | DSCF2263 | Gravel laid in both slot trenches | NNE | 16/08/16 |
| 114 | DSCF2264 | Gravel laid in both slot trenches | NNE | 16/08/16 |
| 115 | DSCF2265 | Gravel laid in both slot trenches | NE | 16/08/16 |
| 116 | DSCF2266 | View of fence and finished gravel slot trenches | SW | 16/08/16 |
| 117 | DSCF2267 | View of fence and finished gravel slot trenches | S | 16/08/16 |
| 118 | IMAG0816 | Pre excavation of Test pit 1 | N/A | 22/06/16 |
| 119 | IMAG0817 | Pre excavation of Test Pit 2 | N/A | 22/06/16 |
| 120 | IMAG0818 | Reinstated Test pits | N/A | 22/06/16 |
| 121 | IMAG0819 | Reinstated Test pits | N/A | 22/06/16 |
| 122 | IMAG0820 | Reinstated Test pits | N/A | 22/06/16 |
| 123 | IMAG_4203 | Pre excavation set up | NE | 23/09/16 |
| 124 | IMAG_4204 | Pre excavation set up | NE | 23/09/16 |
| 125 | IMAG_4205 | Pre excavation set up | SE | 23/09/16 |
| 126 | IMAG_4206 | Pre excavation set up | ENE | 23/09/16 |

| Image No. | Digital | Description | From | Date |
|------------------|----------------|--------------------------------------|-------------|-------------|
| 127 | IMAG_4207 | Working shot of volunteer excavating | NNW | 23/09/16 |
| 128 | IMAG_4208 | Working shot of volunteer excavating | NE | 23/09/16 |
| 129 | IMAG_4209 | Walking Tour | N/A | 23/09/16 |
| 130 | IMAG_4210 | Walking Tour | N/A | 23/09/16 |
| 131 | IMAG_4211 | Walking Tour | N/A | 23/09/16 |
| 132 | IMAG_4212 | Walking Tour | N/A | 23/09/16 |
| 133 | IMAG_4213 | Walking Tour | N/A | 23/09/16 |
| 134 | IMAG_4214 | General Shot | SW | 23/09/16 |
| 135 | IMAG_4215 | General Shot | SW | 23/09/16 |
| 136 | IMAG_4216 | General Shot | SE | 23/09/16 |
| 137 | IMAG_4217 | Test pit | SE | 23/09/16 |
| 138 | IMAG_4218 | Re-instated test pit | NE | 23/09/16 |

Appendix 3: Discovery & Excavation in Scotland

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|--|--|
| LOCAL AUTHORITY: | West Dunbartonshire Council |
| PROJECT TITLE/SITE NAME: | Golden Hill Park, Clydebank, WDC Antonine Wall Enhancement Project |
| PROJECT CODE: | RA15109 |
| PARISH: | Old Kilpatrick (Clydebank) |
| NAME OF CONTRIBUTOR: | Liam McKinstry |
| NAME OF ORGANISATION: | Rathmell Archaeology Limited |
| TYPE(S) OF PROJECT: | Watching Brief, Test pits |
| NMRS NO(S): | SM 7070, Canmore ID 43265 |
| SITE/MONUMENT TYPE(S): | Roman Fort, Fortlet |
| SIGNIFICANT FINDS: | None |
| NGR (2 letters, 8 or 10 figures) | NS 30342 43305 (centred) |
| START DATE (this season) | 30 th March 2016 |
| END DATE (this season) | 23 rd September 2016 |
| PREVIOUS WORK (incl. DES ref.) | Yes. |
| MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields) | <p>These archaeological works were carried out as a requirement of Scheduled Monument Consent (Reference/Case ID 201507447) in support of the enhancement project within Goldenhill Park, Duntocher. They were designed to mitigate the impact on the archaeological remains from the renewal of the fence enclosure and works to improve the presentation of the wall base section within the enclosure.</p> <p>The watching brief confirmed that the fence renewal was delivered in a manner that did not adversely affect the Scheduled Monument. Further, the insertion of gravel lined gullies to the front and rear of the wall did not disturb significant archaeological strata – though a sherd of samian ware was recovered. Community involvement through talks, guided tours and test pits (outwith the Scheduled Monument) sought to promote the works.</p> <p>No other significant archaeological features or artefacts were disturbed by the works.</p> |
| PROPOSED FUTURE WORK: | No |
| CAPTION(S) FOR ILLUSTRS: | None |
| SPONSOR OR FUNDING BODY: | West Dunbartonshire Council |
| ADDRESS OF MAIN CONTRIBUTOR: | Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU |

| | |
|---|--|
| EMAIL ADDRESS: | contact@rathmell-arch.co.uk |
| ARCHIVE LOCATION (intended/deposited) | Report to West of Scotland Archaeology Service and archive to HES Collections. |

Contact Details

36. Rathmell Archaeology can be contacted at our Registered Office or through the web:

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