

**Willowyard Warehouse Phase 7,
Beith, North Ayrshire:
Archaeological Mitigation**

Data Structure Report



by L McKinstry

issued 17th September 2014

on behalf of Chivas Brothers Ltd

RATHMELL 
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Quality Assurance

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Signed

Date ...17th September 2014..

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Overview

1. A programme of archaeological works was carried out on behalf of Chivas Brothers Ltd in respect to proposed development of Willowyard Warehouse Phase 7, Beith, North Ayrshire. The archaeological works were designed to determine the nature, form and extent of any archaeology present within the development area and hence inform the appropriate mitigation to facilitate the development.
2. The programme of archaeological works was structured under advisement from the West of Scotland Archaeology Service who advise the planning authority on archaeological matters. The West of Scotland Archaeology Service, through the planning authority, required an initial evaluation at 8% sample level with the potential for further stages of archaeological work should the need arise.
3. Rathmell Archaeology Ltd was appointed by Chivas Brothers Ltd to undertake the development and implementation of archaeological mitigation works prior to the development of the site. The project works have been defined by a Method Statement (Mathews 2014) which was agreed with the West of Scotland Archaeology Service.

Historical and Archaeological Background

4. The development area is an area of enclosed fields approximately 0.5km to the west of Beith. The site is bounded to the north-west by a railway track immediately beyond which is Kilbirnie Loch; to the north-east are more enclosed fields and some farm buildings including Mains Lodge; to the south-east are more fields beyond which is the edge of the town of Beith; the south-western boundary is a steep slope leading to Mains Burn beyond which is the existing Chivas Brothers Ltd warehouse estate.
5. No significant archaeological sites are known to exist within the development area, however, an area at the centre of the development area has been excluded from disturbance due to the presence of Nether Mains farm buildings on the 1st edition Ordnance Survey mapping (1856-58, Figure 1b). The farm and surrounding buildings continue to appear on superseded Ordnance Survey mapping, appearing as Mains House (see Figures 1c and 1d).
6. The change in name from Nether Mains in Mains House appears to be associated with a substantial rebuild or expansion of the southern element of the farm complex. At the same time the access road from the south-east is realigned onto an eastern alignment. The date of this remodelling is uncertain, but architectural elements of the demolished Mains House survive within the Willowyard offices and one piece is a datestone from 1869. No substantial upstanding remains of the farm survive, however, the existing layout of foliage and field boundaries conform to the layout when the buildings existed.
7. Although the site is in close proximity to the modern town of Beith, which appears as Bealk, Beith Hill, on Roy's Military Survey of Scotland (1752-55) (Figure 1a), very few significant historical or archaeological sites are known to exist in proximity to the development area. Roy's map shows the proposed development area as open agricultural land much as it exists today with the exception that the Mains Burn appears to take a more serpentine route through the southern portion of the site.
8. The 1st edition Ordnance Survey mapping (1858) (Figure 1b) shows a number of changes having taken place. The field boundaries are arranged as they appear currently. The railway track has been established between the site and Kilbirnie Loch. The western boundary of the site is shown as farm roads which also provide access into the site to the previously mentioned Mains House. The most noticeable change is in the straightening of Mains Burn presumably to supply Bark Mill on the lochside. Two wooden bridges and a well are shown along the new line of the burn all of which would be outside the proposed development area.



Figure 1a: Extract from Roy's Military Map of 1752-55



Figure 1b: Extract from 1st edition Ordnance Survey, Scotland, 1858

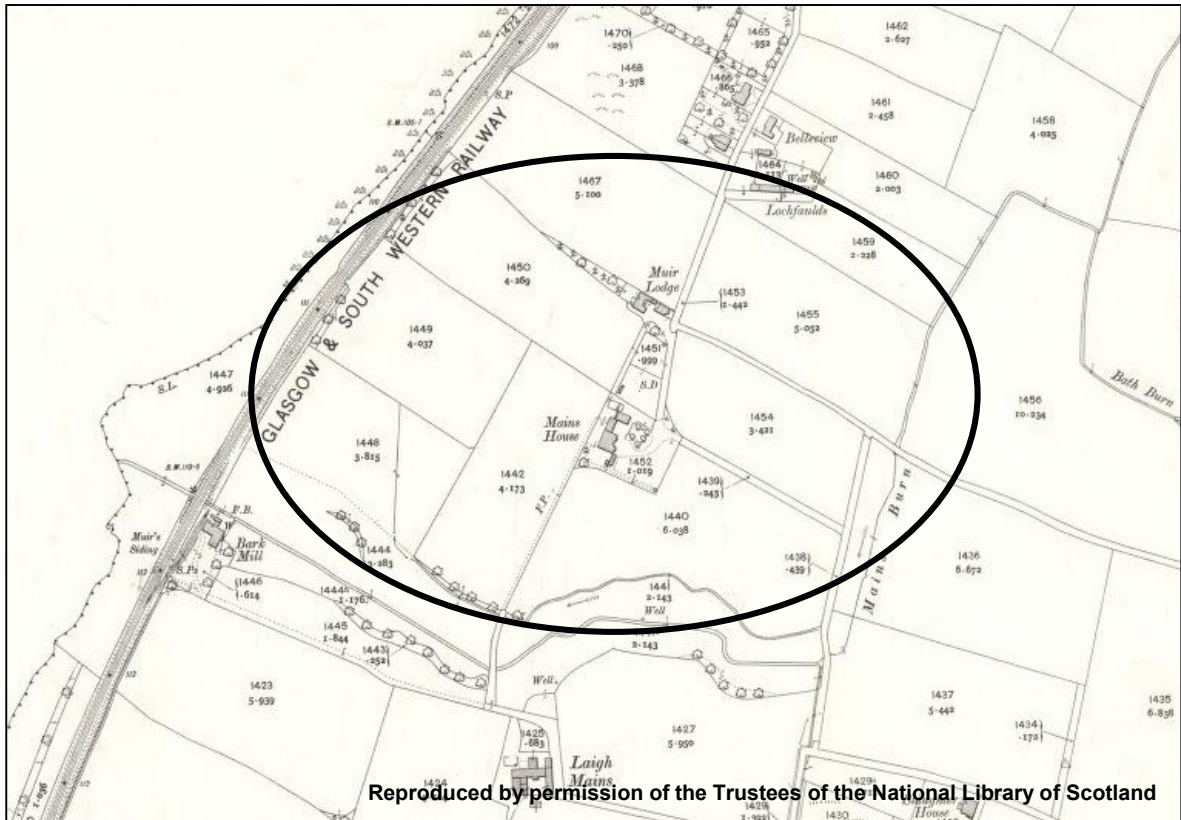


Figure 2a: Extract from superseded Ordnance Survey, Scotland, 1910

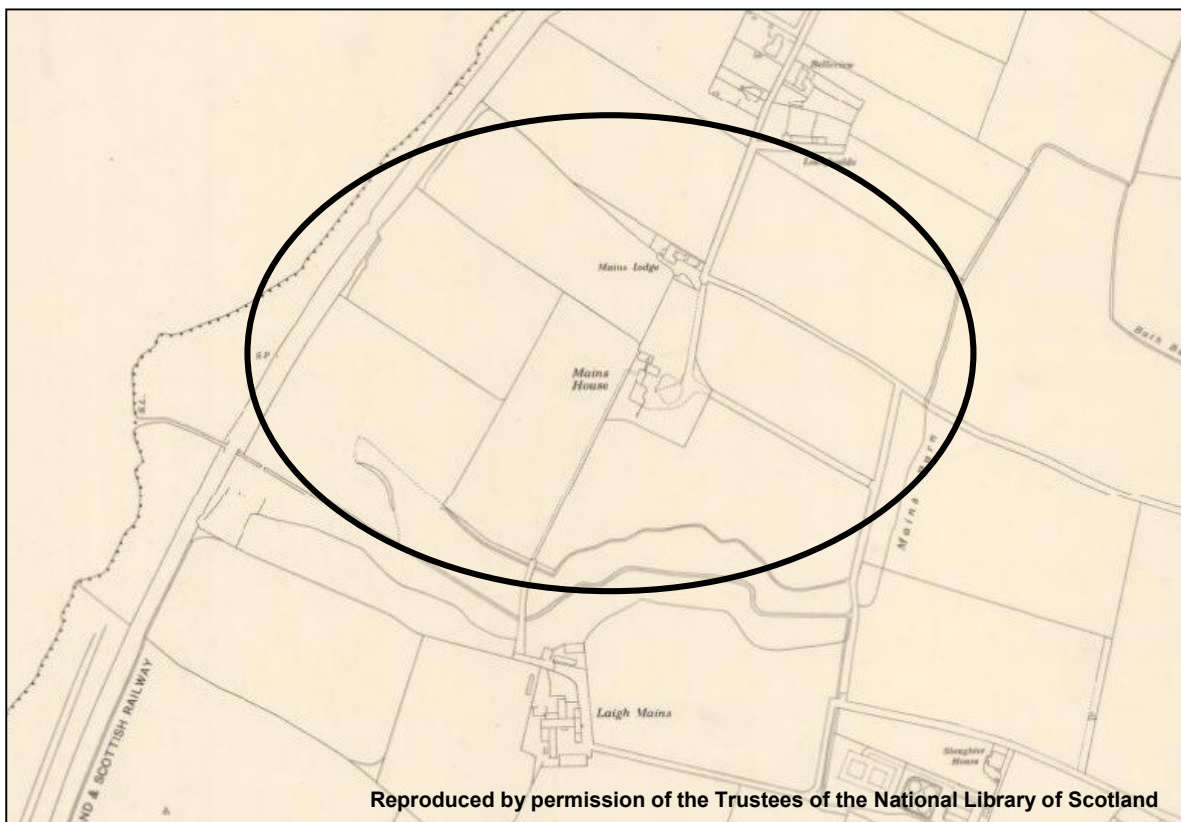


Figure 2b: Extract from superseded Ordnance Survey, Scotland, 1945

9. Later Ordnance Survey mapping (Figure 2a and 2b) show little change from the 1st edition, however, the significance of this is the consistency of use of the site and the unchanging layout of the field boundaries. The 1910 map shows the appearance of Mains Lodge just beyond the northern boundary of the development area. A structure which still exists, in some form, today.
10. As previously indicated there is very little evidence from the archaeological record of the potential for recovery of significant archaeological in the immediate area surrounding the site. From the available mapping evidence we can suggest that the use of the area has remained virtually unchanged since the 1700s. There was, however potential for previously unknown prehistoric archaeology around Kilbirnie Loch as demonstrated by the recovery of a Flanged Axehead (Canmore ID: 274065, WoSAS PIN 52957) on the north western bank of the Loch during a metal detector survey.
11. In 1868 a prehistoric crannog site (Canmore ID 42219, WoSAS PIN 6790) which contained a number of log boats and bronze artefacts was identified in a drained off area of what would have been the south western part of Kilbirnie Loch. More of these log boats were found in the 1930s close to the crannog site (Canmore ID 42222, WoSAS PIN 6793). There was also the potential of later medieval or post medieval archaeology being identified as there was certainly the old parish church (Canmore ID 42221, WoSAS PIN 6792) within Beith which dated at least to the 16th century though partially demolished and rebuilt in 1810. This church may have been constructed over an older medieval building dedicated to St Inan a 9th century saint.

Project Works

12. An archaeological evaluation was undertaken between the 11th August and the 29th August 2014. This consisted of the excavation of a series of intrusive trenches for the purposes of exposing an 8% sample of the development area (Figure 4a).
13. Where possible the trenches were placed in accordance with the terms of the Method Statement (Mathews 2014). However due to the presence of sub-surface and overhead services as well as significant and sizeable vegetation cover a number of the trench positions were altered. In total 3577.25 linear metres were excavated, which slightly exceeded the 3550 linear metres required for the purposes of this investigation. The position of the trenches is depicted in the site plan above (Figure 3).
14. All works were conducted in accordance with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

Findings

15. In all 72 evaluation trenches were excavated using an 8 tonne 360° tracked excavator with a smooth 1.6m ditching bucket. Details of the trenches may be found in Appendix 1 of this document. Included below is a synthesis of the findings and interpretation from these trenches.
16. Trenches 25 to 36 were located in Field A which was centrally located. The field was sub-rectangular and, like most fields, its boundaries were mainly poorly maintained hedgerows and trees with a wire and steel fence at the south western boundary. The topsoil (001) was poorly drained and waterlogged and composed of moderately compacted mid to dark grey-brown clayey silt (peat like in some areas). This topsoil covered the entire site with only minor variations in character. There were occasional small stones and very occasional fragments of modern (19th to 21st century) pottery. The natural subsoil (002) within Trenches 25 to 36 consisted of very compacted mid grey clay with occasional small to medium sized sandstone inclusions.

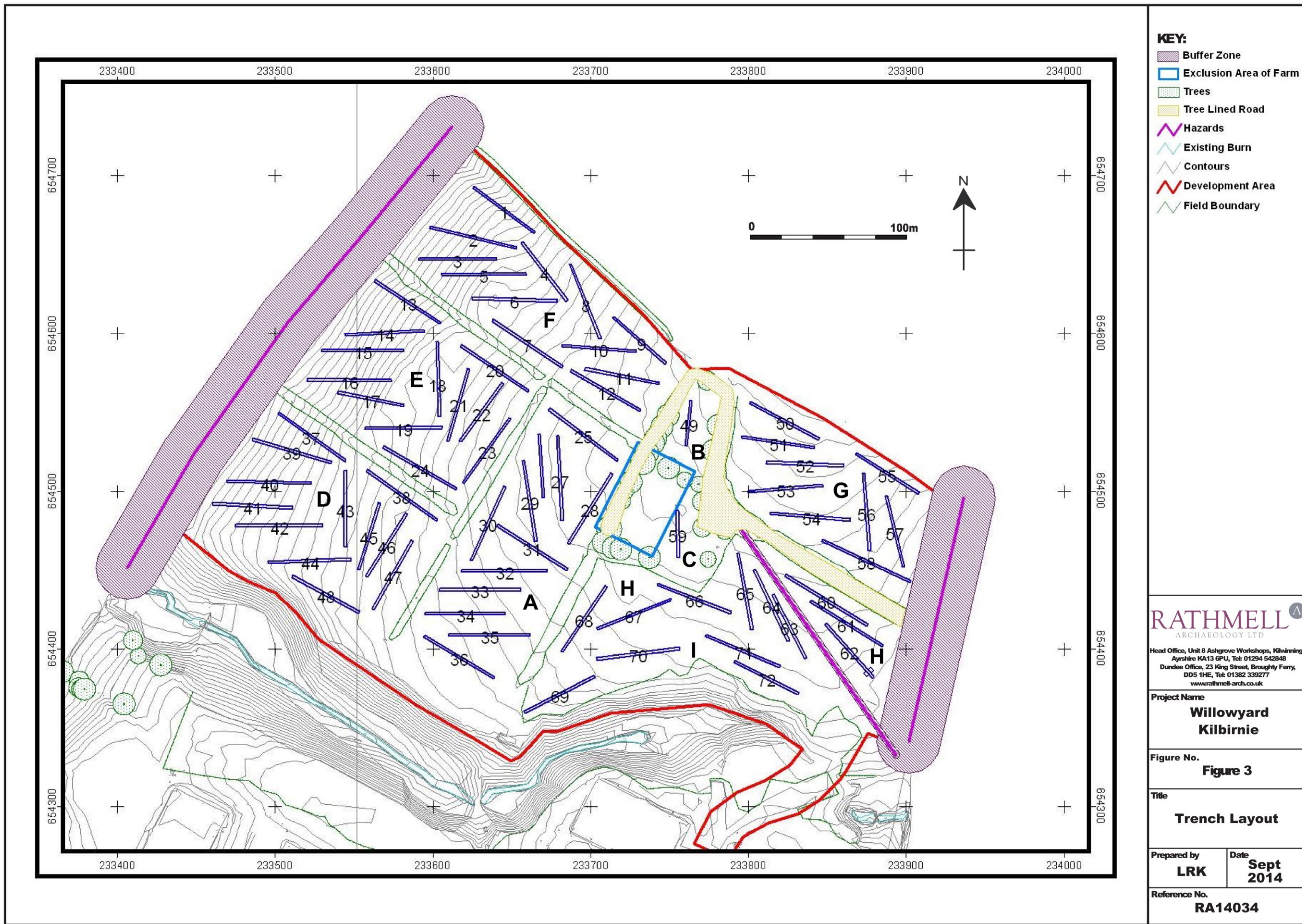


Figure 3: Trench Layout

17. A series of furrows (003) were identified throughout Field A. These furrows were mainly orientated in east-west and were between 0.8m to 1.4m wide. Their depth could not be determined due to a high water table. The fill within the furrows consisted of moderately compacted mid to dark grey brown clay with occasional organic, sandstone and gravel inclusions. No significant archaeology was identified within Field A.
18. Trenches 49 and 59 were located in Fields B and C. The fields were sub-rectangular with trees to the south and southeast and a disused tree lined road to the west, north and part of the east. The topsoil in both fields was (001) and better drained than in the surrounding fields. The natural subsoil was (002). One field drain (005) was identified within Trench 49. This drain was a narrow cut filled with grey brown clay and contained frequent yellow sandstone inclusions. The drain measured 0.25m to 0.3m wide and cut through the natural subsoil (002).
19. A road or yard surface (004) (Figure 5b) was identified within Trench 59 as a layer of yellow coloured sandstone fragments which directly underlay a red asphalt surface (015). The surface was 4m to 5m wide within the trench and had a depth of 0.25m (from the topsoil). The layer (004) was orientated in a SSW-NNE direction. The layer (004) was cut by a later, north – south orientated, ceramic field drain (014). This drain (014) was a narrow linear cut which measuring 0.4m to 0.5m wide and 0.39m deep (from the topsoil). The drain cut was filled by grey clay with small stone and gravel inclusions. No significant archaeology was identified within Fields B and C.
20. Trenches 37 to 48 (Figure 5a) were located in Field D in the western part of the development area. The field had a wire and steel fence at the south-western and north-western boundary. The natural subsoil within the majority of trenches (006) was composed of moderately compacted light orange-brown and grey clay with small sandstone inclusions. Another natural subsoil layer (008) was also identified in three trenches (38, 41 and 42) and was composed of very compacted orange-brown silty clay with some gravel and occasional large sandstone inclusions. No significant archaeology was identified within Field D.
21. A series of field drains (007) were identified throughout Field D and in numerous other fields. The drains had various orientations throughout the different fields. The drains had a width range of 0.25m to 0.4m and were 1m to 15m apart. An excavated example in Trench 64 in field H had a depth of 0.47m (from the topsoil). The cut of the drain revealed a red ceramic pipe surrounded by a mid grey clay with small stone inclusions. The drain was very similar to (014), excavated in Trench 59. A larger field drain (009) was identified within Trench 38. This drain consisted of a northeast-southwest orientated linear which measured 1m wide. The drains fill consisted of grey clayey silt with occasional small stone and gravel inclusions.
22. Trenches 13 to 24 were located in Field E in the western part of the development area. The field had a wire and steel fence to the north-west where the field bounded the nearby railway line. The natural subsoil within the majority of trenches was (006). (008) was also identified in five trenches (13, 14, 16, 17 and 18). A series of field drains (007) were identified throughout the field. No significant archaeology was identified within Field E.
23. Trenches 1 to 12 (Figure 4b) were located in Field F which in the north western part of the development area. The field wire and post fencing to the north-east where the field bordered neighbouring agricultural land. The topsoil (001) was poorly drained and waterlogged, with the exception of a small natural rise in the north-western part of the field where it was well drained. The natural subsoil within the majority of trenches was (006). The subsoil did contain evidence of organics such as root disturbance in many of the trenches and a number of hollows throughout the field suggests that tree clearance had occurred. A series of field drains (007) were identified throughout the field. No significant archaeology was identified within Field F.



Figure 4a: The north-west of site (Field F) before evaluation



Figure 4b: Trench 3 (Field F)



Figure 5a: Trench 38 (Field D)



Figure 5b: Shot of (004), Clay Field Drain

24. Trenches 50 to 58 were located in Field G in the eastern part of the development area. The field had wire and post fencing at the north where the field bordered neighbouring agricultural land and to the east where the field bordered a small farm road. A disused tree lined road to the south led into Fields C and D. The natural subsoil was (006). A series of field drains (007) were identified throughout the field. A shallow pit feature (010) was identified which was rectangular shaped and measured 0.7m by 3m and was 0.15m deep. The fill of the pit consisted of dark grey clay with sandstone and red ceramic pipe fragments. The pit was located at the west north-west end of the trench and was partially covered by the trench baulk. The pit also cut through the existing field drains (007). No significant archaeology was identified within Field G.
25. Trenches 60 to 68 (Figure 6b) were located in Field H which was in the southern part of the development area. The field had a steel security fence to the south which divided Field H from Field I. The field also bordered a disused tree lined road to the north which led into Fields B and C. The natural subsoil was (006) and contained evidence of organics such as root disturbance in many of the trenches and a number of hollows throughout the field suggests that tree clearance had occurred. A series of field drains (007) were also identified throughout the field.
26. A possible surface (011) (Figure 6a) was identified in Trench 62. This surface was composed of stone placed directly onto the underlying subsoil (006). The stones were angular and sub-angular yellow sandstone and measured approximately 0.12m by 0.15m by 0.1m. The soil binding the stones consisted of a mixed silty clay. The surface was 1.4m to 1.7m wide, 2.6m long and 0.15m to 0.2 m deep. No datable artefacts were recovered from the surface.
27. Two modern (19th to 21st century) features were identified within Trench 60. The first of these was a ditch (012) which consisted of an east-west orientated linear feature which measured 2.2m wide, 1.6m long (within the trench) and was excavated to a depth of 0.15m (and continued deeper). The feature was filled with a dark grey-brown silty clay and cut through the existing field drains (007).
28. The second feature identified (013) consisted of a shallow rectangular shaped pit which measured 0.7m by 3m and was 0.15m deep. The fill of the pit was dark grey clay with sandstone and red ceramic pipe fragments. The pit was located at the west north-west end of the trench and was partially covered by the trench baulk. The pit cut through the existing field drains (007). No significant archaeology was identified within field H.
29. Trenches 69 to 72 were located in Field I which was in the southern part of the development area. The field bordered the Mains Burn in the south with a steel security fence. The natural subsoil was (006). A series of field drains (007) were also identified throughout the field. No significant archaeology was identified within Field I.

Discussion

30. No significant archaeological features were uncovered during the course of the archaeological works.
31. The only features present related to the use of the land for 19th to 21st century agriculture, including a number of furrows. Field drains were revealed across the majority of the site representing attempts to improve the drainage of the ground in order to prevent waterlogging as seen throughout the site.
32. The field drains mainly came in the form of ceramic pipes though there were occasional rubble drains. The fact that the majority of these drains were ceramic would suggest that they were of 19th to mid 20th century in origin. The drains had clearly not been maintained as the majority of the fields were waterlogged and this lack of maintenance may have begun with the demolition of the Mains Farm buildings in the late 19th or early 20th century.



Figure 6a: Trench 62, Context (011)



Figure 6b: Slot in Trench 64

33. Apart from the drains located throughout the site there were other sub-surface features associated with the agricultural activity identified within Field C. The first of these was the surface (004) and (015) which seems most probably to be associated with the demolished farm buildings at Mains. A ceramic drain (014) similar to those found within the rest of the surrounding field cut through the surface (004) and (015). Mains Farm was shown on both the 1st and 2nd edition Ordnance Survey maps for the area. The farm changed its name from Nether Mains to simply Mains in the intervening years and there was also a noticeable expansion of the farm during this period and the ceramic drain cutting the surface (004) and (015) may reflect this in the archaeological record.
34. Other subsurface features were identified including two shallow rectangular pits. The first of these pits (010) was located in Trench 55. The pit was rectangular shaped and contained broken pieces of ceramic pipe. The pit also cut through existing field drains (007). The second pit (013) was also located in one of the trenches (60) in the eastern fields (H). This pit (010) was also rectangular in shape and cut already existing field drains (007). Both of these pits seemed to be modern 20th or 21st century machine cuts possibly acting as agricultural drainage sumps. The trench in which a yellow sandstone surface (011) was located was extended and showed that it was laid directly onto the natural subsoil. The layer was linear but not continuous and this suggested that it may have been a temporary area of hard standing possibly to fill in a heavily rutted area or help retrieve a stuck farm vehicle. Though there was no dating evidence for this feature it seems probably that it was relatively modern in date.
35. All of the above and below surface evidence from the site is centred on the demolished Mains Farm and seems to date to the 19th and 20th centuries. It is probable that the drainage of the land on the eastern bank of Kilbirnie Loch may have started at an earlier date as drainage works began around Barr and Castle Semple Lochs from the end of the 17th century but no evidence was found at Willowyard to confirm this. The drainage works carried out around Willowyard may also have involved substantial vegetation or peat clearance which if there had been surviving prehistoric remains within the development area may have destroyed it.

Recommendations

36. No significant archaeological remains were located within the development area.
37. On balance, given the lack of significant archaeological material recovered in the course of the evaluation works, Rathmell Archaeology Ltd recommends that no further archaeological work be carried out within this development area.
38. This recommendation assumes the ongoing retention within any development scheme of the site of Mains Farm.
39. The appropriateness and acceptability of our recommendations rest with North Ayrshire Council and their advisors, West of Scotland Archaeology Service.

Conclusion

40. A programme of archaeological works was required by Chivas Brothers Ltd in respect to the construction of a block of new warehouses at Willowyard, North Ayrshire. The archaeological works were designed to inform the assessment of the impact on the archaeological resource from the proposed development.
41. In all 72 intrusive evaluation trenches were excavated amounting to an 8% sample of the proposed development area. No significant archaeological remains were uncovered. The only remains identified were field drains, furrows and features associated with the demolished 19th to 20th century Mains Farm. Hence the proposed development will not adversely impact the archaeological resource.
42. The site of the now demolished Mains Farm was excluded from the evaluation exercise. The assessment of impact assumes the continued exclusion of this ground from the development.

Acknowledgements

43. The author is grateful to Chivas Brothers Ltd, Marshall Construction Ltd, Charles Scott & Partners and the West of Scotland Archaeology Service who gave support and guidance for these archaeological works. Special thanks should also be given to Katie Sludden for her contributions to the work out on site and her work on the appendices for the report. The author would also like to thank Leah Kyle for her contributions to the report illustrations.

References

Documentary

Matthews, A. 2014 *Willowyard Warehouse Phase 7, Beith, North Ayrshire: Archaeological Evaluation, Method Statement*, unpublished commercial report by Rathmell Archaeology Ltd

Cartographic

Roy, W.	1752-55	Military Survey of Scotland
Ordnance Survey	1858	Six-inch 1 st Edition
Ordnance Survey	1910	Six-inch 2 nd Edition
Ordnance Survey	1945	Six-inch 3 rd Edition

Internet Sources

West of Scotland Archaeology Service	http://www.wosas.net/search.php
RCAHMS	http://canmore.rcahms.gov.uk/

Appendix 1: Trench Details

Trench Summary

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
1	NW-SE	1.6m by 49.5m 79.2m ²	240-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Field drain [007] running from NW end for 22m, on a NNW to SSE orientation.	None	None
2	E-W	1.6m by 55.5m 88.8m ²	220-260mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Four field drains [007] occur at approximately 12m intervals all NW-SE orientation.	None	None
3	E-W	2m by 49.2m 80.8m ²	210 to 230mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] occur at 6.5m intervals all on NW-SE orientation.	None	None
4	NW-SE	1.6m by 49.5m 79.2m ²	230 to 280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] occurs midway at 25m on an E-W orientation.	None	None
5	E-W	1.6m by 51.5m 82.4m ²	240mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] occurs at 16m on an NW-SE orientation. Two rubble drains occur at 6.5m and 32m containing fragments of a horseshoe drain, on a N-S orientation.	None	None
6	E-W	1.6m by 52.7m	250mm-310mm	Very compact pale to mid orange brown and grey clay (006) with moderate small	Trench was extended at 25m to 30m 1.6m by 5m	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		With extension 1.6m by 5m 92.32m ²		sandstone inclusions.	around a hollow, sunken portion of (001). This may be remnants of a test-pit or tree-bole. Two field drains [007] occur at 2.5m and 34.5m on an NW-SE orientation.		
7	NW-SE	1.6m by 53.7m 85.92 ²	240mm- 360mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] occurs at 38m on an E-W orientation.	None	None
8	NW-SE	1.6m by 51.5m 82.4m ²	210mm- 270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Three field drains [007] occur at approximately 18m intervals all E-W orientation.	None	None
9	NW-SE	1.6m by 45m 72m ²	300mm- 320mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] occurs at 0m to 12m on a WNW-ESE orientation.	None	None
10	E-W	1.6m by 47.5m 76m ²	230mm- 270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Three field drains [007] occur at approximately 8.5m intervals all NW-SE orientation.	None	None
11	ESE-WNW	1.6m by 50m 80m ²	270mm- 280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	An area of plough scarring extends from 8m to 24m, scarring orientated NW-SE. Three field drains [007] occur at approximately 8.5m intervals all NW-SE	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
					orientation.		
12	NW-SE	1.6m by 52.1m 83.36m ²	300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two field drains [007] run concurrent with the length of the trench, one from 0m-30m and one at 42m to 52m on an NNW-SSE orientation.	None	None
13	NW-SE	1.6m by 51.3m 82.08 ²	260mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions up to 36m after which was (008): mid brown silty clay with frequent sandstone inclusions.	One field drain [007] occurs at 7m on an E-W orientation.	None	None
14	E-W	1.6m by 50.7m 81.12m ²	270mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Three field drains [007] occur at 20m, 27m and 42m all on a NW-SE orientation.	None	None
15	E-W	1.6m by 50.1m 80.16m ²	200mm-230mm	Very compact mid brown silty clay (008) with frequent sandstone inclusions.	Three field drains [007] occur at 2m, 29m and 38m all on a SW-NE orientation.	None	None
16	E-W	1.6m by 53.8m 86.08m ²	250mm-260mm	Very compact mid brown silty clay (008) with frequent sandstone inclusions.	Three field drains [007] occur at 8m, 21m and 25m all on a SW-NE orientation.	None	None
17	E-W	1.6m by 42m 67.2m ²	230mm-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions up to 12m after which was (008): mid brown silty clay with frequent sandstone inclusions.	Three field drains [007] occur at 0m, 5m and 25m all on a SW-NE orientation.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
18	N-S	1.6m by 48.5m 77.6m ²	220-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions with a band of (008) mid brown silty clay from 15m to 28m.	Three [007] field drains at 4m, 25m and 45m all NW-SE orientation.	None	None
19	E-W	1.6m by 48.5m 77.6m ²	180mm-220mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] at 5m on NW-SE orientation. One possible furrow measuring 1m wide by 20mm deep at 10m and some plough scarring between 15m and 20m, orientated NW-SE.	None	None
20	SE-NW	1.6m by 51m 81.6m ²	210mm-280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions until 32.5m where (008) mid brown silty clay was encountered.	Two field drains [007] extended from 0m to 9m and from 30m onwards, both on a WSW-ENE orientation.	None	None
21	NW-SE	1.6m by 48.5m 77.6m ²	250mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two [007] field drains at 6m and 36m both NE-SW orientation.	None	None
22	NW-SE	1.6m by 44m 70.4m ²	230mm-280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	None	None	None
23	NW-SE	1.6m by 49m 78.4m ²	200mm-230mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One [007] field drain at 19m on an E-W orientation.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
24	ESE-WNW	1.6m by 53.5m 100m ²	240mm-290mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two [007] field drains one from 0m to 18m and the other from 49m onwards, both E-W orientation.	None	None
25	NW-SE	1.6m by 53m 84.8m ²	290mm-310mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	One field drain running from 4m to 31, on a WNW-ESE orientation.	None	None
26	NNW-SSE	1.6m by 40m 64m ²	320mm-350mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Furrows [003] at 3m, 6m, 10m, 13m, 15m and 20m on a NW- SE orientation.	None	None
27	NNW-SSE	1.6m by 53.5m 85.6m ²	250mm-280mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Three [007] field drains at 32m, 38m and 40m and a furrow [003] at 30m all E-W orientation.	None	None
28	NW-SE	1.6m by 51m 81.6m ²	220mm-290mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	None	None	None
29	NNW-SSE	1.6m by 52.7m 84.32m ²	290mm-370mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Waterlogged	None	None
30	NE-SW	1.6m by 50.05m	290mm-380mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Waterlogged	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		80.08m ²					
31	NW-SE	1.6m by 52.4m 83.84m ²	310mm-340mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Four furrows [003] at 20m, 25m, 33m and 38m. All orientated NE-SW.	None	None
32	E-W	1.6m by 53m 84.8m ²	240mm-390mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Five furrows [003] at 5m, 12m, 20m, 33m and 38m. All orientated NE-SW.	None	None
33	E-W	1.6m by 52m 83.2m ²	300mm-370mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Six furrows [003] located at 4m intervals orientated NE-SW.	None	None
34	E-W	1.6m by 51m 81.6m ²	310mm-360mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Four furrows [003] located at 4m intervals orientated NE-SW.	None	None
35	E-W	1.6m by 51.5m 82.4m ²	350mm-410mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Four furrows [003] located at 15m, 23m, 36m and 44m, orientated NE-SW.	None	None
36	NW-SE	1.6m by 50m 80m ²	360mm-390mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Three furrows [003] located at 3m, 10m and 35m, all orientated N-S.	None	None
37	NW-SE	1.6m by 54m	230mm-320mm	Very compact pale to mid orange brown and grey clay (006) with moderate small	One furrow (003) at 44m orientated E-W.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		86.4m ²		sandstone inclusions.			
38	NW-SE	1.6m by 53.7m 85.92 m ²	310mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions. Very compacted mid orange brown silty clay (008) with frequent gravel/pebble and occasional larger sandstone inclusions.	None	None	None
39	E-W	1.6m by 51m 81.6 m ²	290mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Four field drains [007] located at 9m intervals, orientated NE-SW.	None	None
40	E-W	1.6m by 55m 88m ²	270mm-320mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Four field drains [007] located at 4m, 10m, 26m and 37m, all orientated NE-SW.	None	None
41	E-W	1.6m by 50.5m 80.8m ²	230mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions. Very compacted mid orange brown silty clay (008) with frequent gravel/pebble and occasional larger sandstone inclusions.	Five field drains [007] located at 7m intervals, all orientated NE-SW.	None	None
42	E-W	1.6m by 56.5m 90.4m ²	250mm-370mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions. Very compacted mid orange brown silty clay (008) with frequent gravel/pebble and occasional larger sandstone inclusions.	Four field drains [007] located at 6m, 17m, 26m and 37m, all orientated NE-SW.	None	None
43	N-S	1.6m by 47.5m	280mm-310mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] located at 6m intervals, all orientated WNW-ESE.	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		76m ²					
44	E-W	1.6m by 51m 81.6m ²	250mm-280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two field drains [007] located at 17m and 42m both NE-SW orientation.	None	None
45	NW-SE	1.6m by 43.4m 69.44m ²	230mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two field drains [007] located at 34m and 38m, E-W and WNW-ESE orientations.	None	None
46	NE-SW	1.6m by 46m 73.6m ²		Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] at 7m intervals all NW-SE orientation.	None	None
47	NE-SW	1.6m by 48.6m 77.76m ²	290mm-340mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Three field drains [007] located at 26m and 38m, both NW-SE orientation.	None	None
48	NW-SE	1.6m by 48m 76.8 m ²	270mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	None	None	None
49	NNW-SSE	1.6m by 28.5m 45.6m ²	260mm-500mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	One field drain [007] at 19m on a NE-SW orientation. Narrow field drain (005) filled with mid grey brown clay. Contained frequent (80%)	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
					yellow sandstone inclusions. The drain measured 0.25m to 0.3m wide. Cut through the natural subsoil (002).		
50	NW-SE	1.6m by 50.05m 80.08m ²	240mm-400mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Field drains [007] located at 13m, 24m, orientated E-W and at 32m and 38m forming a junction ('L' shape) running NE to SW to SE.	None	None
51	E-W	1.6 by 47.8m 76.48m ²	290mm-410mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Six field drains [007] located at 7m intervals, orientated NE-SW	None	None
52	E-W	1.6m by 49.8m 79.68m ²	280mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Seven field drains [007] located at 3-5m intervals all orientated NW-SE	None	None
53	E-W	1.6m by 50.2m 80.32m ²	280mm-330mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Nine field drains [007] at 2-5m intervals, all orientated NE-SW	None	None
54	E-W	1.6m by 50.5m 80.8m ²	200mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Ten field drains [007] located at 2-4m intervals all orientated NW-SE	None	None
55	NW-SE	1.6m by 49m	240mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small	Square cut feature (010) with red tile and grey clay fill measuring 700mm by	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		78.4m ²		sandstone inclusions.	700mm by 150mm deep, Probably remnants of farmer's sump or a recut of a field drain.		
56	N-S	1.6m by 49m 78.4m ²	230mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Ten field drains [007] located at 4m intervals, all orientated WNW-ESE.	None	None
57	N-S	1.6m by 47.5m 76m ²	250mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Ten field drains [007] located at 4m intervals, all orientated NW-SE.	None	None
58	NW-SE	1.6m by 62.5m 100m ²		Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two field drains [007] 25m apart both WNW-ESE orientation.	None	None
59	NNW-SSE	1.6m by 29.2m 46.72m ²	320mm-340mm	Very compact pale grey clay (002) with moderate small sandstone inclusions.	Road/yard surface. Lower layer (004) made up of yellow coloured sandstone fragments which directly underlies a red asphalt surface (015). The surface was 4m to 5m wide and had a depth of 0.25m (from the topsoil). The layer was orientated in a SSW-NNE direction. The layer was cut by a later ceramic field drain (014).	None	None
60	WNW-ESE	1.6m by	230mm-	Very compact pale to mid orange brown and grey clay (006) with moderate small	One field drain [007] running concurrent with	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		59.2m 97.72m ²	270mm	sandstone inclusions.	trench. Deposit (012) is thought to be a recut or spread from [007] field drain and (013) like (010) a recut or sump associated to [007] field drainage.		
61	WNW-ESE	1.6m by 53.8m 86.08m ²	230mm-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	One field drain [007] running concurrent with trench from 8m onwards.	None	None
62	NW-SE	1.6m by 44.2m 70.72m ² Ext. over (011) of 7m by 3m	250mm-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] located at 6m intervals on a NW-SE orientation. Deposit (011) mixed angular sandstone deposit. The Trench was extended around this revealing that the deposit did not extend to the ESE. It was therefore interpreted as a possible levelling deposit for movement of farm machinery.	None	None
63	NW-SE	1.6m by 44.3m 70.88m ²	240mm-250mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Nine field drains [007] located 3m-10m apart. Alignment varies from N-S to E-W.	None	None
64	NW-SE	1.6m by 49.7m 79.52m ²	250mm-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Eleven field drains [007] located 1m-15m apart on a NNE-SSW alignment.	None	None
65	NNW-SSE	1.6m by	240mm-	Very compact pale to mid orange brown	Nine field drains [007]	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		50m 80m ²	260mm	and grey clay (006) with moderate small sandstone inclusions.	1m-5m apart on a WSW-ENE and NE-SW alignment.		
66	ESE-WNW	1.6 by 51.4m 82.24m ²	340mm-360mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] located 7-8m apart on a WSW-ENE alignment.	None	None
67	ENE-WSW	1.6m by 51.5m 82.4m ²	340mm-360mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Eight field drains [007] located 3m-8m apart on a NE-SE alignment.	None	None
68	NE-SW	1.6m by 49.8m 79.68m ²	300mm-360mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Five field drains [007] located 2m-15m apart on a NNW-SSE alignment.	None	None
69	ENE-WSW	1.6m by 48.2m 77.12m ²	260mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Two field drains [007] located 15m apart. One runs ENE-WSW whilst the other runs NNE-SSW.	None	None
70	ENE-WSW	1.6m by 51.7m 82.72m ²	220mm-300mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Three field drains [007] located 11m-14m apart running on NW-SE alignment.	None	None
71	WNW-ESE	1.6m by 50.5m 80.8m ²	260mm-270mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Six field drains [007] located 4m-12m apart on NNW-SSE alignment.	None	None
72	ENE-WSW	1.6m by 44.5m 71.2m ²	260mm-280mm	Very compact pale to mid orange brown and grey clay (006) with moderate small sandstone inclusions.	Six field drains [007] located 5m-9m apart on ESE-WNW alignment.	None	None

Appendix 2: Registers

Context Register

Context No.	Area/ Trench	Type	Description	Interpretation
001	All	Deposit	Loose to moderately compacted mid to dark grey brown clayey silt (peat like in some areas). Occasional to moderate small stone and very occasional 19 th or 20 th century pottery inclusions. The layer had a depth range of 0.15m to 0.36m throughout fields A to I.	Topsoil.
002	Fields A to E	Deposit	Very compacted light to mid grey clay with occasional to moderate small to medium sized sandstone inclusions. The layer was excavated to a depth of 0.05m to 0.14m.	Natural subsoil.
003	Field A	Cut/Fill	Series of furrows which were mainly orientated in a east-west direction. The drains had a width range of 0.8m to 1.4m. The depth could not be determined due to a high water table. The fill within the drains consisted of moderately compacted mid to dark grey brown clay with occasional organic, sandstone and gravel inclusions.	Series of furrows.
004	Field C, Trench 59	Deposit	Layer of yellow coloured sandstone fragments which directly underlies a red asphalt surface (015). The surface was 4m to 5m wide and had a depth of 0.25m (from the topsoil) with the actual thickness range of the layer being 0.11m to 0.15m. The layer was orientated in a SSW-NNE direction. The layer was cut by a later ceramic field drain (014).	Lower layer which made up a 19 th or 20 th century road or yard surface. Probably associated with demolished farm buildings which are shown on the 1 st and 2 nd edition Ordnance Survey maps for the area.
005	Field C, Trench 49	Cut/Fill	Narrow cut filled with mid grey brown clay. Contained frequent (80%) yellow sandstone inclusions. The drain measured 0.25m to 0.3m wide. Cut through the natural subsoil (002).	Rubble field drain.
006	Fields D to I	Deposit	Moderately compacted mixed layer of light to mid orange brown and light to mid grey clay with moderate small sandstone inclusions. The layer had an excavated depth range of 0.04m to 0.28m.	Natural subsoil.
007	Fields D to I	Cut/Fill	Series of narrow field drains which cut into the natural subsoil (006) and (008). The drains had various orientations throughout the different fields. The drains had a width range of 0.25m to 0.4m and were 1m to 15m apart. An excavated example in Trench 64 (field H) had a depth of 0.47m (from the topsoil) and revealed a red ceramic pipe surrounded by a mid grey clay with small stone inclusions. The drain was very similar to the one (014) excavated in trench 59.	Series of narrow field drains.

Context No.	Area/ Trench	Type	Description	Interpretation
008	Fields D and E	Deposit	Very compacted mid orange brown silty clay with frequent gravel/pebble and occasional larger sandstone inclusions. The layer had an excavated depth of 0.05m to 0.16m.	Natural subsoil.
009	Field F, Trench 9.	Cut/Fill	Large modern field drain located at the NW end of Trench 9. Drain orientated in a NE-SW direction and was 1m wide. The fill consisted of mid grey clayey silt with occasional small stone and gravel inclusions.	Large modern field drain.
010	Field G, Trench 55.	Cut/Fill	Pit cut was square shaped in plan. The pit had sharp break of slopes at both top and bottom. The sides were straight and the base was flat. The pit measured 0.7m by 0.7m and was 0.15m deep. The fill of the pit consisted of dark grey clay with sandstone and red ceramic pipe fragment inclusions. Located 43m to 45m from the north western end of Trench 55 partially covered by the north eastern trench baulk.	20 th century agricultural drainage sump or pit.
011	Field H, Trench 62.	Cut/Fill	Stone surface or pathway. Layer consisted of a stone deposit laid directly onto the underlying subsoil (006). The stones were angular and sub-angular yellow sandstone. The stones were approximately 0.12m by 0.15m by 0.1m in size. The soil binding the stones consisted of a mixed silty clay. The surface was 1.4m to 1.7m wide, 1.6m to 2.6m and 0.15m to 0.2 m deep. No datable artefacts were recovered from the surface.	Stone surface or pathway which may have been associated with the SE access towards New Mains farm when it was in existence. The trench was later extended (7.8m by 3m) to the NE and showed that it did not continue and may have been an attempt to recover a stuck vehicle or possibly fill in a heavily rutted area.
012	Field H, Trench 60.	Deposit	Linear feature. Measured 2.2m wide, 1.6m long (within the trench) and had an excavated depth of 0.15m (though was probably much deeper). The linear was orientated in an E-W direction and seemed to cut through existing field drains (007).	Ditch/soakaway (possibly a recut of (007). Probably later than the 19 th century.
013	Field H, Trench 60.	Cut/Fill	Pit cut was rectangular shaped in plan. The pit had sharp break of slopes at both top and bottom. The sides were straight and the base was flat. The pit measured 0.7m by 3m and was 0.15m deep. The fill of the pit consisted of dark grey clay with sandstone and red ceramic pipe fragment inclusions. Located at the WNW end of Trench 60 partially covered by the NNE trench baulk. Pit cuts drain (007).	20 th century agricultural drainage sump or pit.
014	Field C, Trench 59	Cut/Fill	Red ceramic field drain within narrow linear trench. The trench measured 0.4m to 0.5m wide and 0.39m deep. The trench was filled by mid grey clay with small stone and gravel inclusions. Drain cut through a 19 th or 20 th century road or yard surface (004). Orientation N-S.	Ceramic field drain.

Context No.	Area/ Trench	Type	Description	Interpretation
015	Field C, Trench 59	Deposit	Red asphalt road or yard surface which overlies surface (004). Layer is 4m to 5m wide and 0.1m to 0.12m thick.	Upper layer which made up a 19 th or 20 th century road or yard surface. Probably associated with demolished farm buildings which are shown on the 1 st and 2 nd edition ordnance survey maps for the area.

Photographic Register

Image No.	Digital	Description	From	Date
001	002	General Pre-excavation shot of area A	S	12/08/14
002	003	General Pre-excavation shot of area A	S	12/08/14
003	004	General Pre-excavation shot of area A	S	12/08/14
004	005	General Pre-excavation shot of area H	SSW	12/08/14
005	006	General Pre-excavation shot of area H	SE	12/08/14
006	007	General Pre-excavation shot of area I	ESE	12/08/14
007	008	General Pre-excavation shot of area I	WNW	12/08/14
008	009	General Pre-excavation shot of area by tree-lined avenue	ESE	12/08/14
009	010	General Pre-excavation shot of area G	SE	12/08/14
010	011	General Pre-excavation shot of area G	E	12/08/14
011	012	General Pre-excavation shot of Trench 49 area B	NNE	12/08/14
012	013	General Pre-excavation shot of Trench 59 area C	SSW	12/08/14
013	014	General Pre-excavation shot of Trench 59 area C	SSE	12/08/14
014	015	General Pre-excavation shot of Trench 59 Site where old farmstead was located, area C	SSE	12/08/14
015	016	General Pre-excavation shot of Trench 59 Site where old farmstead was located, area C	S	12/08/14

Image No.	Digital	Description	From	Date
016	017	General Pre-excavation shot of area F	E	12/08/14
017	018	General Pre-excavation shot of area F west end	NE	12/08/14
018	019	General Pre-excavation shot of area F mound towards west end	NNE	12/08/14
019	020	General Pre-excavation shot of area F mound towards west end	NE	12/08/14
020	021	General Pre-excavation shot of area E	NE	12/08/14
021	022	General Pre-excavation shot of area D west end	ENE	12/08/14
022	023	General Pre-excavation shot of area D west end	E	12/08/14
023	024	General Pre-excavation shot of area E	S	12/08/14
024	025	General Pre-excavation shot of area E southwest corner	E	12/08/14
025	026	General Pre-excavation shot of area E southwest corner	ENE	12/08/14
026	027	General Pre-excavation shot of area A trenches 25-29	S	12/08/14
027	028a	General Pre-excavation shot of area A trenches 31-36	NE	12/08/14
028	028b	General Post Excavation shot of Trench 36	SE	13/08/14
029	029	General Post Excavation shot of Trench 35	W	13/08/14
030	030	General Post Excavation shot of Trench 34	E	13/08/14
031	031	General Post Excavation shot of Trench 33	W	13/08/14
032	032	General Post Excavation shot of Trench 32	E	13/08/14
033	033	General Post Excavation shot of Trench 30	SW	13/08/14
034	034	General Post Excavation shot of Trench 31 waterlogged	NW	13/08/14
035	035	General Post Excavation shot of Trench 29 waterlogged	SSE	13/08/14
036	036	General Post Excavation shot of Trench 28	SSW	13/08/14
037	037	General Post Excavation shot of Trench 27 waterlogged	SSE	13/08/14

Image No.	Digital	Description	From	Date
038	038	General Post Excavation shot of Trench 26 waterlogged	SSE	13/08/14
039	039	General Post Excavation shot of Trench 25	WNW	13/08/14
040	040	General Pre-excavation shot of area E (panorama 1) by trench 20	NE	13/08/14
041	041	General Pre-excavation shot of area E (panorama 2) by trench 20	E	13/08/14
042	042	General Pre-excavation shot of area E (panorama 3) by trench 20	SE	13/08/14
043	043	General Pre-excavation shot of area F (panorama 1) by trench 7	SE	13/08/14
044	044	General Pre-excavation shot of area F (panorama 2) by trench 7	SSE	13/08/14
045	045	General Pre-excavation shot of area F (panorama 3) by trench 7	S	13/08/14
046	046	General Pre-excavation shot of area F (panorama 4) by trench 7	SSW	13/08/14
047	047	General Pre-excavation shot of area F (panorama 5) by trench 7	SW	13/08/14
048	048	General Pre-excavation shot of area F (panorama 6) by trench 7	W	13/08/14
049	049	General Pre-excavation shot of area D (panorama 1) by trench 38	NE	13/08/14
050	050	General Pre-excavation shot of area D (panorama 2) by trench 38	E	13/08/14
051	051	General Pre-excavation shot of area D (panorama 3) by trench 38	SE	13/08/14
052	052	General Pre-excavation shot of area H (panorama 1) by trench 68	WNW	13/08/14
053	053	General Pre-excavation shot of area H (panorama 2) by trench 68	NW	13/08/14
054	054	General Pre-excavation shot of area H (panorama 3) by trench 68	NNE	13/08/14
055	055	General Pre-excavation shot of area C Mains Farm field	SSE	13/08/14
056	056	General Pre-excavation shot of area C (panorama 1) by trench 59	SE	13/08/14
057	057	General Pre-excavation shot of area C (panorama 2) by trench 59	SSE	13/08/14
058	058	General Pre-excavation shot of area C (panorama 3) by trench 59	SE	13/08/14
059	059	General Pre-excavation shot of area C (panorama 4) by trench 59	S	13/08/14

Image No.	Digital	Description	From	Date
060	060	General Post Excavation shot of Trench 59	SSE	14/08/14
061	061	General pre-ex shot of [004] in Trench 59	SSE	14/08/14
062	062	Close up of [004] in Trench 59	SW	14/08/14
063	063	Oblique view of [004] in Trench 59	W	14/08/14
064	064	General shot of slot through [004] track founds and field drain in Trench 59	SW	14/08/14
065	065	General shot of slot through [004] track founds and field drain in Trench 59	SW	14/08/14
066	066	General Post Excavation shot of Trench 49	SSE	14/08/14
067	067	General Post Excavation shot of Trench 38	SE	14/08/14
068	068	General Post Excavation shot of Trench 38	SE	14/08/14
069	069	General Post Excavation shot of Trench 38	ESE	15/08/14
070	070	General Post Excavation shot of Trench 47	NE	15/08/14
071	071	General Post Excavation shot of Trench 46	SW	15/08/14
072	072	General Post Excavation shot of Trench 45	NW	15/08/14
073	073	General Post Excavation shot of Trench 43	NW	15/08/14
074	074	Backfilled Trench 27	-	15/08/14
075	075	Backfilled Trench 30	-	15/08/14
076	076	Backfilled Trench 28	-	15/08/14
077	077	Backfilled Trench 49	-	15/08/14
078	078	Backfilled Trench 49	-	15/08/14
079	079	Backfilled Trench 59	-	15/08/14
080	080	General Post Excavation shot of Trench 37	SE	18/08/14
081	081	General Post Excavation shot of Trench 39	E	18/08/14
082	082	General Post Excavation shot of Trench 40	E	18/08/14

Image No.	Digital	Description	From	Date
083	083	General Post Excavation shot of Trench 41	E	18/08/14
084	084	General Post Excavation shot of Trench 48	SE	18/08/14
085	085	General Post Excavation shot of Trench 44	E	18/08/14
086	086	General Post Excavation shot of Trench 42	E	18/08/14
087	087	South facing sample section of Trench 42	S	18/08/14
088	088	Backfilled Trench 37	SE	18/08/14
089	089	Backfilled Trench 38	NW	18/08/14
090	090	General Post Excavation shot of Trench 23	SE	18/08/14
091	091	General Post Excavation shot of Trench 22	NW	19/08/14
092	092	General Post Excavation shot of Trench 21	ESE	19/08/14
093	093	General Post Excavation shot of Trench 24	SE	19/08/14
094	094	General Post Excavation shot of Trench 20	SE	19/08/14
095	095	General Post Excavation shot of Trench 18	N	19/08/14
096	096	General Post Excavation shot of Trench 19	E	19/08/14
097	097	General Post Excavation shot of Trench 17	E	19/08/14
098	098	General Post Excavation shot of Trench 16	W	19/08/14
099	099	General Post Excavation shot of Trench 15	E	19/08/14
100	100	General Post Excavation shot of Trench 14	W	19/08/14
101	101	General Post Excavation shot of Trench 13	SE	19/08/14
102	102	Excavation of dark patch in Trench 3 Rubble Drain	SE	20/08/14
103	103	Excavation of dark patch in Trench 3 Rubble Drain	SW	20/08/14
104	104	General Post Excavation shot of Trench 6	E	20/08/14
105	105	Extension of Trench 6	WNW	20/08/14

Image No.	Digital	Description	From	Date
106	106	General Post Excavation shot of Trench 5	E	20/08/14
107	107	General Post Excavation shot of Trench 3	W	20/08/14
108	108	General Post Excavation shot of Trench 2	E	20/08/14
109	109	General Post Excavation shot of Trench 1	NE	20/08/14
110	110	General Post Excavation shot of Trench 4	WNW	20/08/14
111	111	General Post Excavation shot of Trench 8	NW	20/08/14
112	112	General Post Excavation shot of Trench 9	NW	20/08/14
113	113	General Post Excavation shot of Trench 10	E	20/08/14
114	114	Morris MacDonald's Farm (Southern Extents)	SW	20/08/14
115	115	Morris MacDonald's Farm (Southern Extents)	S	20/08/14
116	116	Morris MacDonald's Farm (Southern Extents)	SSE	20/08/14
117	117	Morris MacDonald's Farm (Southern Extents)	SE	20/08/14
118	118	Working shot over area F from Farmstead	ENE	20/08/14
119	119	Morris MacDonald's Farm (Southern Extents)	SW	20/08/14
120	120	General Post Excavation shot of Trench 10 with farm	W	20/08/14
121	121	General Post Excavation shot of Trench 11	WNW	20/08/14
122	122	Area F gates	NW	22/08/14
123	123	Area F gates	S	22/08/14
124	124	Area F gates	N	22/08/14
125	125	Backfilled Trench 20	SE	22/08/14
126	126	Backfilled Trench 23	NE	22/08/14
127	127	Backfilled Trench 6 western half	E	22/08/14
128	128	Backfilled Trench 3	E	22/08/14

Image No.	Digital	Description	From	Date
129	129	Backfilled Trench 6 eastern half	W	22/08/14
130	130	General Post Excavation shot of Trench 7	WNW	22/08/14
131	131	General Post Excavation shot of Trench 12	WNW	22/08/14
132	132	General Post Excavation shot of Trench 50	NW	25/08/14
133	133	Slot through (007) in Trench 50	SE	25/08/14
134	134	General Post Excavation shot of Trench 51	E	25/08/14
135	135	General Post Excavation shot of Trench 52	W	25/08/14
136	136	General Post Excavation shot of Trench 53	E	25/08/14
137	137	General Post Excavation shot of Trench 54	W	25/08/14
138	138	General Post Excavation shot of Trench 58	NW	25/08/14
139	139	General Post Excavation shot of Trench 56	S	25/08/14
140	140	General Post Excavation shot of Trench 57	N	25/08/14
141	141	General Post Excavation shot of Trench 55	SE	25/08/14
142	142	General Post Excavation shot of Trench 62	SE	25/08/14
143	143	General Post Excavation shot of Trench 61	WNW	25/08/14
144	144	General Post Excavation shot of Trench 60	ESE	25/08/14
145	145	General Post Excavation shot of Trench 68	NE	26/08/14
146	146	General Post Excavation shot of Trench 67	WSW	26/08/14
147	147	General Post Excavation shot of Trench 66	WNW	26/08/14
148	148	(011) stones in Trench 62	E	26/08/14
149	149	(011) stones in Trench 62	SE	26/08/14
150	150	Slot through (011) stones in Trench 62	NE	26/08/14
151	151	Slot through (011) stones in Trench 62, oblique view	N	26/08/14

Image No.	Digital	Description	From	Date
152	152	Slot through (011) stones in Trench 62, oblique view	W	26/08/14
153	153	General Post Excavation shot of Trench 65	SSE	27/08/14
154	154	General Post Excavation shot of Trench 64	SE	27/08/14
155	155	Slot dug to 600mm in Trench 64 with (007) field drain	SE	27/08/14
156	156	Slot dug to 600mm in Trench 64 with (007) field drain	NW	27/08/14
157	157	NE facing section of Slot dug to 600mm in Trench 64 with (007) field drain	NE	27/08/14
158	158	NE facing section of Slot dug to 600mm in Trench 64 with (007) field drain	NE	27/08/14
159	159	General Post Excavation shot of Trench 63	SE	27/08/14
160	160	General Post Excavation shot of Trench 62	WNW	27/08/14
161	161	General Post Excavation shot of Trench 70	ENE	27/08/14
162	162	General Post Excavation shot of Trench 69	ENE	27/08/14
163	163	General Post Excavation shot of Trench 71	WNW	27/08/14
164	164	Backfilled Trench 47 area D	SW	27/08/14
165	165	Backfilled Trench 48 area D	SE	27/08/14
166	166	Backfilled Trench 49 area D	SE	27/08/14
167	167	View of concrete gate posts by area B	ENE	27/08/14
168	168	View of concrete gate posts by area B	ENE	27/08/14
169	169	View of concrete gate posts by area B	NE	27/08/14
170	170	View of concrete gate posts by area F/A	S	27/08/14
171	171	View of concrete gate posts by area F/A	S	27/08/14
172	172	General shot over Old Farm with plantation, north end	N	27/08/14
173	173	Backfilled Trench 50	NW	27/08/14
174	174	Backfilled Trench 51	E	27/08/14

Image No.	Digital	Description	From	Date
175	175	View over plantation area C	SE	27/08/14
176	176	View over plantation area C	SE	27/08/14
177	177	Area H Backfilling	NE	27/08/14
178	178	Area B/G branches broken for access to Area G prior to works	SW	27/08/14
179	179	Area B/G branches broken for access to Area G prior to works	-	27/08/14
180	180	View of Gate post (iii)	SW	27/08/14
181	181	Close up shot of gate post in area G	NW	27/08/14
182	182	Tree avenue gate posts (iv)	SW	29/08/14
183	183	View of track areas A and C	NE	29/08/14
184	184	Close up of gate at (iii)	NE	29/08/14
185	185	Close up of gate at (iii)	NE	29/08/14
186	186	Close up of gate post (iv) recumbent	-	29/08/14
187	187	Close up of gate post (iv) recumbent	-	29/08/14
188	188	Close up of gate post (iv) recumbent	-	29/08/14
189	189	Close up of gate post (iv) recumbent	-	29/08/14

Drawing Register

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
001	05	F	Plan	1:100	Post Ex Trench 1	KS	20/08/14
002	05	F	Plan	1:100	Post Ex Trench 2	KS	20/08/14
003	05	F	Plan	1:100	Post Ex Trench 3	KS	20/08/14
004	05	F	Plan	1:100	Post Ex Trench 4	KS	20/08/14
005	05	F	Plan	1:100	Post Ex Trench 5	KS	20/08/14

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
006	05	F	Plan	1:100	Post Ex Trench 6	KS	20/08/14
007	06	F	Plan	1:100	Post Ex Trench 7	KS	24/08/14
008	05	F	Plan	1:100	Post Ex Trench 8	KS	20/08/14
009	05	F	Plan	1:100	Post Ex Trench 9	KS	20/08/14
010	05	F	Plan	1:100	Post Ex Trench 10	KS	20/08/14
011	05	F	Plan	1:100	Post Ex Trench 11	KS	20/08/14
012	06	F	Plan	1:100	Post Ex Trench 12	KS	24/08/14
013	04	E	Plan	1:100	Post Ex Trench 13	LM	19/08/14
014	04	E	Plan	1:100	Post Ex Trench 14	LM	19/08/14
015	04	E	Plan	1:100	Post Ex Trench 15	KS	19/08/14
016	04	E	Plan	1:100	Post Ex Trench 16	KS	19/08/14
017	04	E	Plan	1:100	Post Ex Trench 17	KS	19/08/14
018	04	E	Plan	1:100	Post Ex Trench 18	KS	19/08/14
019	04	E	Plan	1:100	Post Ex Trench 19	KS	19/08/14
020	04	E	Plan	1:100	Post Ex Trench 20	KS	19/08/14
021	04	E	Plan	1:100	Post Ex Trench 21	KS	19/08/14
022	04	E	Plan	1:100	Post Ex Trench 22	KS	19/08/14
023	04	E	Plan	1:100	Post Ex Trench 23	KS	19/08/14
024	04	E	Plan	1:100	Post Ex Trench 24	KS	19/08/14
025	01	A	Plan	1:100	Post Ex Trench 25	LM	15/08/14
026	01	A	Plan	1:100	Post Ex Trench 26	LM	15/08/14
027	01	A	Plan	1:100	Post Ex Trench 27	LM	15/08/14

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
028	01	A	Plan	1:100	Post Ex Trench 28	LM	15/08/14
029	01	A	Plan	1:100	Post Ex Trench 29	LM	15/08/14
030	01	A	Plan	1:100	Post Ex Trench 30	LM	15/08/14
031	01	A	Plan	1:100	Post Ex Trench 31	LM	15/08/14
032	01	A	Plan	1:100	Post Ex Trench 32	LM	15/08/14
033	01	A	Plan	1:100	Post Ex Trench 33	LM	15/08/14
034	01	A	Plan	1:100	Post Ex Trench 34	LM	15/08/14
035	01	A	Plan	1:100	Post Ex Trench 35	LM	15/08/14
036	01	A	Plan	1:100	Post Ex Trench 36	LM	15/08/14
037	03	D	Plan	1:100	Post Ex Trench 37	LM	15/08/14
038	03	D	Plan	1:100	Post Ex Trench 38	LM	15/08/14
039	03	D	Plan	1:100	Post Ex Trench 39	LM	15/08/14
040	03	D	Plan	1:100	Post Ex Trench 40	LM	15/08/14
041	03	D	Plan	1:100	Post Ex Trench 41	LM	15/08/14
042	03	D	Plan	1:100	Post Ex Trench 42	LM	15/08/14
043	03	D	Plan	1:100	Post Ex Trench 43	LM	15/08/14
044	03	D	Plan	1:100	Post Ex Trench 44	LM	15/08/14
045	03	D	Plan	1:100	Post Ex Trench 45	KS	15/08/14
046	03	D	Plan	1:100	Post Ex Trench 46	LM	15/08/14
047	03	D	Plan	1:100	Post Ex Trench 47	LM	15/08/14
048	03	D	Plan	1:100	Post Ex Trench 48	LM	14/08/14
049	02	C	Plan	1:100	Post Ex Trench 49	KS/LM	25/08/14

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
050	09	G	Plan	1:100	Post Ex Trench 50	LM	25/08/14
051	09	G	Plan	1:100	Post Ex Trench 51	LM	25/08/14
052	09	G	Plan	1:100	Post Ex Trench 52	LM	25/08/14
053	09	G	Plan	1:100	Post Ex Trench 53	LM	25/08/14
054	09	G	Plan	1:100	Post Ex Trench 54	KS	25/08/14
055	09	G	Plan	1:100	Post Ex Trench 55	KS	25/08/14
056	09	G	Plan	1:100	Post Ex Trench 56	KS	25/08/14
057	09	G	Plan	1:100	Post Ex Trench 57	KS	25/08/14
058	09	G	Plan	1:100	Post Ex Trench 58	KS	25/08/14
059	02	B	Plan	1:100	Post Ex Trench 59	KS/LM	14/08/14
060	08	H	Plan	1:100	Post Ex Trench 60	KS	26/08/14
061	08	H	Plan	1:100	Post Ex Trench 61	KS	26/08/14
062	08	H	Plan	1:100	Post Ex Trench 62	KS	26/08/14
063	07	H	Plan	1:100	Post Ex Trench 63	LM	26/08/14
064	08	H	Plan	1:100	Post Ex Trench 64	LM	26/08/14
065	08	H	Plan	1:100	Post Ex Trench 65	LM	26/08/14
066	08	H	Plan	1:100	Post Ex Trench 66	LM	26/08/14
067	08	H	Plan	1:100	Post Ex Trench 67	LM	26/08/14
068	08	H	Plan	1:100	Post Ex Trench 68	LM	26/08/14
069	07	I	Plan	1:100	Post Ex Trench 69	KS/LM	27/08/14
070	07	I	Plan	1:100	Post Ex Trench 70	KS/LM	27/08/14
071	07	I	Plan	1:100	Post Ex Trench 71	KS/LM	27/08/14

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
072	07	I	Plan	1:100	Post Ex Trench 72	KS/LM	27/08/14

Finds Register

Find No.	Area/Trench	Context No.	Material Type	Description	Excavator	Date
001	F	001	Ceramic	White glazed plate fragment marked 'Wedgewood'	KS	20/08/14
002	A	001	Lithic	3 burnt flint chunks	LM	15/08/14
003	A	003	Ceramic	3 fragments of possible ceramic (degraded)	KS	15/08/14
004	F	001	Lithic	1 flint chunk	KS	18/08/14
005	A	001	Ceramic	Fragment of ceramic smoking pipe	KS	13/08/14
006	F	001	Ceramic	4 white glazed ceramic fragments	KS/LM	18/08/14
007	F	001	Ceramic	3 glazed ceramic fragments	KS	18/08/14
008	E	001	Ceramic	6 glazed ceramic fragments	LM	18/08/14
009	E	007	Ceramic	2 red ceramic horseshoe drain fragments	KS	18/08/14
010	B	001	Glass	1 base of a small blue bottle	KS	15/08/14
011	G	001	Ceramic	5 white glazed decorated fragments	KS	25/08/14
012	H	001	Ceramic	1 ceramic lid (from Trench 63)	KS	25/08/14
013	H	001	Lithic	Stone with possible plough marks	KS	25/08/14

Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	North Ayrshire
PROJECT TITLE/SITE NAME:	Willowyard
PROJECT CODE:	RA14034
PARISH:	Beith (Cunninghame)
NAME OF CONTRIBUTOR:	Liam McKinstry
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	NS 42838 28904
START DATE (this season)	11 th August 2014
END DATE (this season)	29 th August 2014
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields)	No significant archaeological features were uncovered during the course of the archaeological works. The only features present related to the use of the land for agriculture. Field drains were revealed across the majority of the site representing attempts to improve the drainage of the ground in order to prevent waterlogging. Apart from the drains located throughout the site there was other sub-surface features associated with the agricultural activity identified within the development area. All of the evidence from the site is centred on the demolished Mains Farm and seems to date to the 19th and 20th centuries.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Chivas Brothers Ltd.
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
E MAIL:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to West of Scotland Archaeology Service and archive to RCAHMS Collections.

Contact Details

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

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