



Rebecca Shaw Archaeological Services

Rosal Township, Strathnaver, Sutherland: Archaeological Survey Works



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Acknowledgements

I would like to express my great thanks to Ben and Andy (Archaeological Survey & Consulting) for undertaking these works and to the Corbett family for my lovely accommodation and meals.

1 Introduction

This Report presents the findings of a programme of archaeological works required by Forestry Commission Scotland. The works comprised a survey of the deserted township of Rosal located in Strathnaver in Sutherland (NC 698 416) (Figure 1).

The archaeological works comprise a comprehensive site inspection and detailed archaeological measured survey to provide a baseline record of the surviving structural features at Rosal Township (scheduled monument: 2510; CANMORE ID: NC64SE12). The survey provide an enhanced record of the site.

Rebecca Shaw Archaeological Services was appointed to undertake the works by Matt Ritchie of the Forestry Commission Scotland. The site inspection works were undertaken by Rebecca Shaw and the survey works were carried out by Archaeological Survey & Consulting.

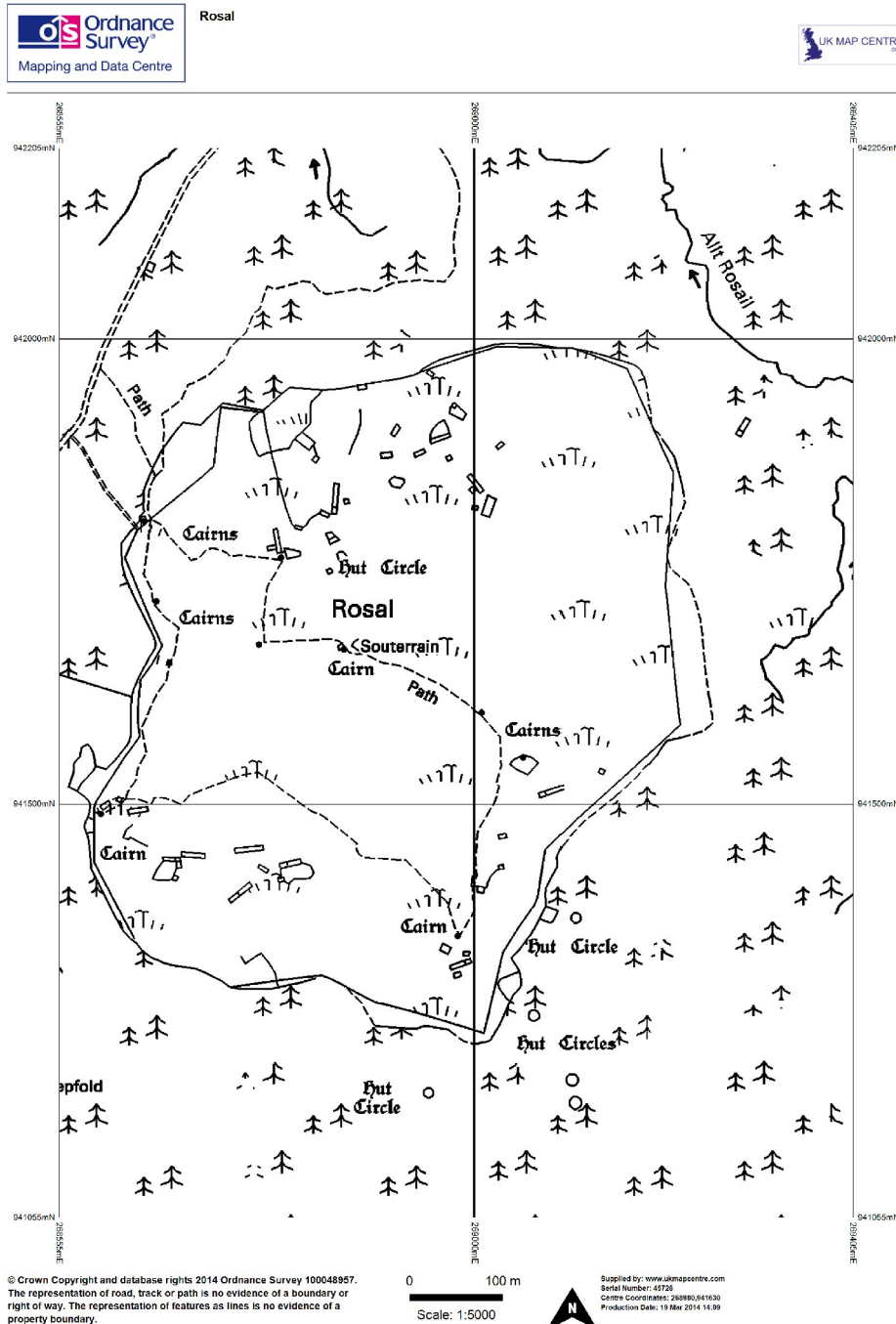


Figure 1 – current ordnance survey map of Rosal (1986-1992)

2 Historical Background

General

The first mention of Rosal is in 1269 when a charter was granted that included 'the lands of Rosal' and although this does necessarily indicate there was a settlement there from this date it is likely. The settlement was abandoned between 1814-1818 during the infamous Highland Clearances.

In 1806 a list of all the townships was compiled by Captain John Henderson (in 'general view of the agriculture of the county of Sutherland') recorded 49 settlements in Strath Naver and Rosal was noted as one of the largest with 13 families and 50 acres of land. In 1811 a plan of the settlement of Rosshall was undertaken by Benjamin Meredith for the Sutherland Estate (Figure 4). In 1816 there were sixteen names on the tenants roll (indicating that there were probably sixteen dwelling houses). Eviction was first served in 1814 and then again in 1816 and it was after the second notice that the tenants began to leave.

Towards the end of 1813 Patrick Sellar (the factor the Duchess of Sutherland) obtained the lease for a new sheep farm located within Strathnaver, which included the land of the township of Rosal and he subsequently served notice to the tenants to leave. In 1816 there were sixteen names on the tenants roll (indicating that there were probably sixteen dwelling houses). Eviction was first served in 1814 and then again in 1816 and it was after the second notice that the tenants began to leave.

The nature of the later land-use, for the grazing of sheep, meant that the site remained fairly undisturbed. This preservation led to it being *type-site* for the clearances when it was surveyed and partially excavated in 1962 by Horace Fairhurst (of Glasgow University). Fairhurst's work revealed that the 'arable lands of the township extended over 60 acres and were enclosed by a dry-stone dyke, the plough rigs surviving as a green island in the rough moor. Seventy structures were recognised of which 15 to 18 were long-houses, the remainder being barns, outhouses, stackyards and corn-drying kilns (Figure 5). The barns were rectangular with one rounded end. A few of the buildings had bowed walls and rounded ends and it is suggested that these may be earlier than the others. Selective excavation was undertaken on a typical complex consisting of long-house, barn, stackyard, outhouse and corn-kiln. The long-house was built on a slope with first, a small room at the upper end, then the main living quarters around a central hearth and finally the long byre giving an overall length of 85ft, though other long-houses reached a length of 108ft. The walls consisted of dry-stone work up to a height of 2 or 3ft, presumably forming the base for a turf wall. The roof was supported on couples which rose from ground level' (Fairhurst, 1969).

A souterrain (Figure 26a) a (possible) Bronze Age cairn (Figure 26b) and a burnt mount have all also been noted within the proximity of the ring dyke that surrounds the settlement at Rosal all of which indicate possible continuous use of the site since prehistoric period – numerous hut circles, one within the ring dyke and numerous just outside give credence to this theory.

The Ordnance Survey (object) Name Book (circa 1850) recorded that Rosal was 'a number of ruins of dwelling houses situated at the east side of Strath Naver 1 ½ miles north of Dailharrauld House. Independent property of his Grace the Duke of Sutherland

Cartographic

Although the name Rosal does appear on earlier mapping (Figure 2a) the first sound mapping for the site is Roys military survey (1747-55) which depicts a small settlement named as Rossall comprising six structures and with a large amount of associated rig & furrow (Figure 2b).

The first detailed mapping is the 1st edition Ordnance Survey which depicts: a cleared area of ground and a township comprising nine unroofed buildings sited all enclosed by a dyke – there is a footpath running N / S through the enclosed area (Figure 3a). There are numerous *tumuli* depicted to the immediate west of the enclosing dyke (close to the River Naver). The successive Ordnance Survey map (1906) depicts little or no change to the previous edition.

Mapping dating to the 1960's however, depicts at least thirty structures and several enclosures as well as an 'earth house' (Figure 3b). The current ordnance survey map depicts also depicts at least thirty structures, eleven enclosures, numerous cairns, a hut circle and a souterrain (Figure 1).

3 Findings

Details of structures noted during the field survey are listed below - all dimensions are internal and grid references for each feature in Figure 29.

Longhouses / Dwellings

(1) long rectangular sub-divided structure, aligned north / south (Figure 6a). The structure measures 26m in length with the sub-dividing wall sited at 7.10m (internally) from the south end, the width of the structures measures between 2.7m to 4m (averages 3.5m) – narrows at northern end. There is an entrance to the main compartment in the east wall with a further possible entrance in the northern wall of the smaller compartment – there is a possible access in the sub-dividing wall. The structure is rounded at both ends and the walls are of a drystone construction measuring between 0.70m to 0.80m in width and between 0.20m to 0.80m in height.

(2) long rectangular structure, aligned north / south and divided into two compartments (Figures 6a & 6b). The structure measures 34.30m in length with the dividing wall sited at 6.20m (internally) from the southern end, width varies between by 3.30m to 3.60m in width in the larger compartment and averages 3.7m in the smaller compartment. There is a definite entrance to the main compartment in the eastern wall with a further possible entrance in the western wall of the smaller compartment – there is also a possible opening at the very northern end of the eastern wall in the main compartment. There is no visible access between the two compartments. The structure is rounded at the northern end and the walls are of a drystone construction and in general measure between 0.70m to 1m in width and between 0.50m to 0.55m in height – though the dividing wall is more substantial upstanding to 1.20m (at most) and measuring 0.90m in width. There is a small section of curved walling, comprising one course of fairly large stones and measuring 1.20m in width sited to the immediate north of the entrance in the larger compartment (Figure 7a).

(3) long rectangular structure, aligned southeast / northwest and divided into two compartments (Figure 25c). The structure measures 25.50m in length with the dividing wall sited at 5.50m (internally) from the southeast end, the width of the wall averages 3.30m narrowing at northwest end. There is an entrance to the main compartment in the northeast wall with a further possible entrance in the southwest wall of the smaller compartment – there is also a further possible entrance in the southwest wall (towards the northwest end) in the main compartment. There is no visible access between the two compartments. The structure is rounded at the northwest end and the walls are of a drystone construction and in general measure between 0.70m to 0.90m in width and between 0.30m to 0.50m in height.

(4) long rectangular structure, aligned southwest / northeast, measuring 15m in length by 3.30m in width (Figure 7b). There is a single entrance in the southeast wall. The walls of the structure are of a drystone construction and in general average 0.70m in width and between 0.20m to 0.30m in height.

(5) long rectangular structure, aligned southwest / northeast, measuring 13.7m in length by 3.30m in width (Figure 7c). There is an entrance in the northwest wall with a further possible opening in the southwest end. The walls of the structure are of a drystone construction and in general average 0.60m in width and 0.40m in height – the wall at the northeast end more substantial measuring 0.80m in width.

(6) long rectangular structure, aligned roughly east / west (attached to E7) (Figure 8a) and measuring 22.30m in length and averaging 3.10m in width. There is a single entrance in the

southern wall. The walls are of a drystone construction and in general average 0.70m in width and 0.50m in height. Both ends of the structure comprise very large stones with marsh / bog at the exterior.

(7) long rectangular structure, aligned east northeast / west southwest and divided into two, the larger of which is subdivided (Figure 8b). The structure measures 24.20m in length with the dividing wall sited at 6.10m (internally) and the sub-dividing wall at 19m from the eastern end, the width of the structure averages 3.30m. There is an entrance to the main compartment in the south southeast wall with a further entrance in the south southeast wall of the east northeast compartment – there is access in the sub-dividing wall. The walls are of a drystone construction and in general average 0.60m in width and between 0.30m to 0.50m in height – the easternmost dividing wall is more substantial averaging 0.80m in width and up to 0.60m in height.

(8) long rectangular sub-divided structure, aligned east northeast / west southwest (Figure 8c). The structure measures 29m in length with the sub-dividing wall sited at 4m (internally) from the west southwest end, the width of the structure averages 3.20m. There is a single entrance in the south southeast wall and an access in the sub-dividing wall. The walls are of a drystone construction and in general measure average 0.70m in width and between 0.30m to 0.40m in height – the sub-dividing wall is more substantial upstanding to a height of 1m in height.

(9) long rectangular structure, aligned northeast / southwest and divided into two compartments (Figure 9a). The structure measures 17.50m in length with the dividing wall sited at 4m (internally) from the northeast end, the width of the structure averages 3.30m. There is an entrance to the main compartment in the southeast wall with a further possible (opposing) entrance in the northwest wall – there is also a further entrance in the southeast wall of the smaller compartment. There is no visible access between the two compartments. The walls are of a drystone construction and in general measure between 0.60m to 0.80m in width and between 0.10m to 0.40m in height.

(10) long rectangular structure, aligned west southwest / east northeast and divided into two compartments (Figures 9b & 9c). The structure measures 27.80m in length with the dividing wall sited at 11.90m (internally) from the west southwest end, the width of the structure averages 3.20m. There is an entrance in the south southeast wall of the west southwest compartment with opposing entrances in the south southeast and north northwest walls of the east northeast compartment. There is no visible access between the two compartments. The structure is rounded at both ends and the walls are of a drystone construction with the walls averaging between 0.60m to 0.70m in width and 0.40m (at most) in height – the west southwest wall is more substantial upstanding to a height of 1.20m. A hollow measuring roughly 0.90m in diameter and 0.30m in depth was visible within the base of the east northeast compartment.

(11) long rectangular subdivided structure, aligned west southwest / east northeast (Figure 10a). The structure measures 29.80m in length with the sub-dividing wall sited at 20.90m (internally) from the northeast end, the width of the structure averages 3.40m. There is a single entrance in the south southeast wall and an access in the sub-dividing wall – there is a further opening in the west southwest end. The walls are of a drystone construction and in general measure average 0.70m in width and between 0.30m to 0.40m in height.

(12) long rectangular structure, aligned north northeast / south southwest measuring 25.30m in length by 3m in width (Figure 10b). There is an entrance in the east southeast wall with a further possible opening in the north northeast end. The structure is rounded at both ends and the walls are of a drystone construction and in general average 0.70m in width and between 0.40m to 0.50m in height.

(13) long rectangular structure, aligned west northwest / east southeast, measuring 24.20m

in length by 3.10m in width (Figure 10c). There is an entrance in the south southwest wall with a further possible opening in the west northwest end. The structure is rounded at both ends and the walls are of a drystone construction and in general average 0.70m in width and between 0.20m to 0.60m in height.

(14) long rectangular structure, aligned east / west measuring 17.50m in length by 3m in width. There is an entrance in southern wall with a further entrance in the northwest corner. The walls are of a drystone construction and in general average 0.70m in width and 0.50m in height (at most).

(15) long rectangular structure, aligned northeast / southwest measuring 19.40m in length by 3.10m in width. There is no visible entrance. The walls are of a drystone construction and in general average 0.70m in width and 0.30 in height.

Ancillary Structures

(1) small rectangular structure attached to western side of longhouse / dwelling structure (1). The structure is aligned east / west measuring 10.40m in length by 3.4m in width (Figure 11a) with an entrances in the south wall and an opposing opening in the south wall (Figure 25a). The walls are of a drystone construction and in general average 0.90m in width and between 0.20m to 0.80m in height.

(2) small oval structure, aligned northwest / southeast and measuring 8.90m in length by 2.90m in width (Figure 11b). There is a single entrance in the southwest wall. The walls are of a drystone construction and in general averaged 0.70m in width and 0.30m in height (0.60m at most) - walling wider at northeast end.

(3) small rectangular structure, aligned northwest / southeast and measuring 10m in length by 3.40m in width (Figure 11c). There is a single entrance in the southwest wall. The walls are of a drystone construction and in general measure between 0.90m and 1.20m in width averaged 0.70m in height – walling wider at northwest end. There was a sunken area within the base at the northwest end of the structure.

(4) small rectangular structure, aligned north / south, divided into two compartments. The structure measures 8.10m in length by 2.90m in width with the dividing wall at 2.5m (internally) from the northern end (Figure 12a). There is an entrance in the western wall of both compartments. The structure is rounded at the northern end and the walls are of a turf & drystone construction and averaged 0.70m in width and between 0.20m to 0.40m in height – the dividing wall 0.60m in height (at most).

(5) small rectangular structure, aligned southwest / northeast and measuring 10m in length by 3.40m in width (Figure 12b). There is an entrance in the southeast wall with a further possible opposing narrow opening in the northwest wall. The walls are of a drystone construction and averaged 0.70m in width 0.40m in height.

(6) very denuded remains of a small rectangular structure, aligned southwest / northeast and measuring 8m in length by 2.9m in width (Figure 12c). There is a possible entrance in the northern corner. The walls are of a drystone construction and in general average 0.70m in width and 0.20m in height (at most)..

(7) small oval structure, aligned east / west and measuring 7.9m in length by 3.10m in width (Figure 13a). There is a possible entrance in the southern wall. The walls are of a drystone construction and in general average 0.80m in width and 0.30m in height.

(8) very small rectangular structure, aligned southwest / northeast and measuring 5.6m in length by 2.80m in width (Figure 13b). There is a single entrance in the northwest wall. The walls are of a drystone construction and in general average 0.70m in width and 0.60m in height (at most).

(9) small oval structure, aligned northeast / southwest, divided into two compartments (Figure 13c) measuring 10.30m in length by 2.30m in width. There is an entrance in the northwestern wall of both compartments. The walls are of a drystone construction and average between 0.70m to 0.90m in width and average 0.30m in height.

(10) ephemeral remains of a very small rectangular structure, aligned north northeast / south southwest and measuring 4.8m in length by 2.30m in width (Figure 14a). There is no visible entrance. The walls comprise a stone & turf (some very large rocks) construction and in general average 1m in width and 0.15m in height (at most).

(11) small rectangular structure, aligned west southwest / east northeast, divided into two compartments. The structure measures 12.50m in length by 2.80m in width with the dividing wall at 3.4m (internally) from the northern end (Figure 14b). There is an entrance in the south southeast wall of the west southwest compartment with a further possible opposing narrow opening in the east northeast wall. There is a further large opening (or no wall at all) in south southeast wall of the east northeast compartment. The walls are of drystone & turf construction and average 0.70m in width and 0.40m in height.

(12) small rectangular structure, aligned northwest / southeast, possibly divided into two compartments (Figure 14c). The structure measures 9.3m in length by 2.40m in width. There is an entrance in the southwest wall of the southeast compartment with a further possible opposing narrow opening in the northwest wall. There is a further possible entrance in the southern corner of the structure. The structure is rounded at the northwest end and the walls are of drystone construction and average between 0.60m to 0.70m in width and 0.50m in height (at most).

(13) small rectangular structure, aligned northeast / southwest and measuring 8.6m in length by 3m in width (Figure 15a). There are opposing entrances in the southeast and northwest walls. The walls are of a drystone construction and in general average 0.80m in width and between 0.20m to 0.90m in height – the wall appears very wide at the western end (1.40) almost like an inner skin.

(14) very small rectangular structure, aligned east northeast / west southwest and measuring 6.40m in length by 3.40m in width (Figure 15b). There is a single opening / entrance in the southern wall. The walls are of a drystone construction (most very large stones) and in general average 0.70m in width and 0.50m in height (at most).

(15) very small rectangular structure (attached to a section of walling), aligned east southeast / west northwest and measuring 6.20m in length by 2.30m in width (Figure 15c). There is a single entrance in the southeastern corner. The walls are of a drystone construction (most very large stones) and in general average 0.70m in width and measure between 0.20m to 0.40m in height.

(16) small oval structure, aligned east northeast / west southwest and measuring 9m in length by 3m in width (Figure 16a). There is an entrance in the south southeast wall with a possible opposing entrance in the north northwest wall. The walls are of a drystone construction and in general measure between 0.70m to 0.90m in width and between 0.10m to 0.65m in height.

(17) small oval structure, aligned west southwest / east northeast and measuring 9m in length by 2.5m in width (Figure 16b). There is an entrance at the southern corner of the structure. The walls are of a drystone construction and in general measure between 0.60m to 0.70m in width and between 0.15m to 0.40m in height.

(18) small oval structure, aligned northwest / southeast and measuring 12.40m in length by 2.70m in width (Figure 16c). There is an entrance in the southwest wall with a further

possible entrance in the northeast wall (not opposing). The walls are of a drystone construction and in general measure between 0.60m to 0.80m in width and 0.50m in height (at most)

(19) small sub-divided rectangular structure, aligned roughly east / west. The structure measures 15.60m in length by 3.30m in width with the dividing wall at roughly 2.6m (internally) from the eastern end (Figure 17a). There is an entrance in the southern wall of both compartments with a further a possible narrow opposing entrance / opening in the northern wall of the western compartment. The walls are of a turf & drystone construction and average 0.70m in width and 0.40m in height. There is a small sunken 'pit-like' feature in the western half.

(20) small rectangular structure, aligned south southwest / north northeast, and measuring 4.5m in length by 3m in width (Figure 17b). There is a single entrance in the south southeast corner of the structure. The walls are of a drystone construction and average 0.80m in width and 0.50m in height (at most).

(21) small oval structure, aligned northeast / southwest and measuring 9.2m in length by 2.70m in width (Figure 17c). There is a single entrance in the southeast wall. The walls are of a drystone construction and average between 0.70m in width and 0.30m in height.

(22) small sub-divided L-shaped structure, aligned roughly north / south and attached to E11. The structure measures 6m in length by 2.5m (at most). There is no obvious entrance. The walls are of a drystone construction averaging between 0.60m to 0.70m in width and 0.50m to 0.80m in height.

(23) small sub-divided rectangular structure, aligned east / west.. The structure measures 8.m in length by 2.10m in width with the dividing wall at 3.7m (internally) from the eastern end. There is a single entrance in the western end. The walls are of a drystone construction and in general average 0.70m in width.

(24) very small rectangular structure, aligned west southwest / east northeast and measuring 5.10m in length by 2.50m in width (Figure 18a). There is a possible entrance in the south southwest. The walls are of a drystone construction and in general measure between 0.60m (side walls) to 0.80m (end walls) in width and between 0.20m to 0.80m in height.

Enclosures / Yards

(1) roughly sub-rectangular shaped enclosure aligned roughly east / west, measuring between 13.60 and 7.20m. There was an entrance in the northwest corner (Figure 18b) comprises drystone walling measuring between 1m to 1.50m in width (due to spread) and upstanding to a height of 0.90m

(2) subdivided enclosure aligned northwest / southeast, comprising a roughly square structure measuring 6.50m by 6.30m and a rectangular structure measuring 10m by 2.8m (Figure 18c). The walls in the square structure average 0.80m in width (though some have spread more) and 0.60m in height – the walls in the rectangular structure average 0.70m in width (Figure 25b) and 0.30m in height. There was an entrance in the northwest wall of the square structure but no other obvious entrances. A small sunken rectangular shaped pit-like feature measuring 1.80m by 1.20m and 0.50m in depth was noted in the floor area of the square structure (Figure 19a).

(3) rectangular shaped enclosure aligned roughly north northeast / south southwest measuring 21.70m by 9.70m (Figure 19b). There was an opening / entrance in the east northeast corner. The walls comprise drystone walling measuring between <0.10m to 0.70m in width and 0.90m to 1.20m in height.

(4) rectangular shaped enclosure aligned roughly north northeast / south southwest

measuring 17.70m by 10.50m (Figure 19c). There was a possible entrance in the eastern corner. The walls comprise drystone walling measuring between 1m to 1.50m in width (due to spread) and upstanding to a height of 0.90m

(5) roughly square shaped enclosure aligned roughly east southeast / west northwest, measuring 13m by 11.80m (Figure 20a). There was a possible entrance in the east northeast corner. The walls comprise drystone walling averaging 0.80m (some more spread) in width and 0.20m to 0.40m in height.

(6) triangular shaped enclosure (attached to D6) measuring at most 14.70m (west southwest / east northeast)(Figure 20b). There was a possible entrance in the east northeast corner. The walls comprise drystone walling measuring between 0.70m to 1.40m in width and 0.10m to 0.60m in height.

(7) triangular shaped enclosure (attached to D6) measuring at most 14.70m (west southwest / east northeast)(Figure 20c). There was a possible entrance in the east northeast corner. The walls comprise drystone walling measuring between 0.70m to 1.40m in width and 0.10m to 0.60m in height.

(8) rectangular square shaped enclosure, aligned roughly north / south. There is an entrance in the western wall with a small turf & stone back to the immediate east of the entrance (within the enclosure).

(9) roughly square shaped enclosure (rounded at east northeast side) (attached to D9) aligned west southwest / east northeast) (Figure 21a). There is no easily visible entrance.

(10) sub-rectangular enclosure (rounded in the west), aligned roughly east / west (Figure 21b) measuring 12m by 7m (at most). There is a single entrance in the southeast corner.

(11) roughly rectangular shaped enclosure (attached to A19 and A22), aligned roughly north northeast / south southwest. There is an entrance in the northeast corner.

Corn Kilns

(1) built into a slope are the remains of a corn kiln comprising an oval stone structure, aligned east northeast / west southwest (Figure 21c). The structure measures 7.10m by 2.70m (internally) and there is a possible entrance in the eastern corner. The walls are drystone built and average 0.70 to 0.80m in width and 0.30m in height. There are the remains of a bowl, which measures 1.6m in diameter, at the west southwest end of the structure with a further small stone circular feature to the east of the (front) of the bowl (Figure 22a).

(2) built into a slight slope are the remains of a corn kiln comprising an oval stone structure aligned south southeast / north northwest (Figure 22b). The structure measures 5.50m by 2.60m (internally) with a possible entrance in the north. The walls are drystone built and average 0.90m in width and 0.30m in height – at bowl end the walling is much wider (1m at most). There are the remains of a bowl at the south southeast end of the structure (Figure 22c).

(3) built into a slope are the remains of a corn kiln comprising an oval stone structure, aligned west southwest / east northeast (Figure 23a). The structure measures 5.20m by 2.40m (internally) with a possible entrance in the east southeast. There are the remains of a bowl at the west southwest end of the structure which measures 1.40m in diameter and 0.90m in depth (Figure 23b).

(4) built into a slope are the remains of a corn kiln comprising an oval stone structure, aligned west northwest / east southeast (Figure 23c). The structure measures 6.50m by 2.30m (internally) with an entrance in the north. There are the partial remains of a bowl at the east southeast end of the structure with a further small stone circular feature to the east of the

(front) of the bowl (Figure 24a).

Depressions / Pits

(1) situated on a knoll is an oval depression / pit measuring roughly 1.90m by 1.60m – occasional stones are visible around the edge (Figure 27a). There is a further depression sited 2.7m to the east southeast.

(2) located on the opposing flank from CK1 are the remains of two oval depressions / pits (similar to P1) (Figure 25d).

(3) situated on a knoll (close to A8) is an oval depression / pit measuring roughly 1.60m in diameter.

Stone settings

(1) stone circle setting comprising a number of medium sized stones, measuring 3m in diameter, with an opening in the southwest (Figure 27b).

(2) stone circle setting comprising a number of medium sized stones, measuring 2.5m in diameter, with an opening in the north (Figure 27c).

4 Conclusions

From documentary and cartographic sources it can be ascertained that there has more than likely been some form of settlement at Rosal since at least the 13th century with final abandonment taking place sometime between 1816 -1818. The 1st edition ordnance survey map, which mapped the settlement roughly 60yrs after it was abandoned, depicted nine unroofed structures and the ring dyke that surrounded the township (Figure 3a). The current ordnance survey map depicts the remains of over thirty unroofed structures – some with associated enclosures - numerous cairns; a souterrain and a hut circle (Figure 1).

The excavation and survey works undertaken by Fairhurst in 1962 recorded the remains of seventy structures of which fifteen to eighteen were noted as being longhouses with the remainder being barns, outhouses, stackyards and corn-drying kilns. Although no remains of medieval structures were found during the 1962 excavations (Fairhurst, 1967-68) this is thought to be due to the fact that the earlier structures were built without foundation trenches and that after they have been abandoned the stone would have been reused in later structures.

This current phase of works recorded the remains of fifteen dwellings (of which thirteen were longhouses); twenty three ancillary structures (of which at least six were barns – indicated by their opposing entrances used for winnowing); four corn kilns; three pit-like features (sited on knolls); eleven enclosures and two stone (circle) settings as well as numerous clearance cairns and sections of: turf / stone banks and walling (Figures 28a -28d).



Figure 2a – Blaeu Atlas of Scotland (1654)



Figure 2b – Roys Military Survey map of Scotland (1747-55)

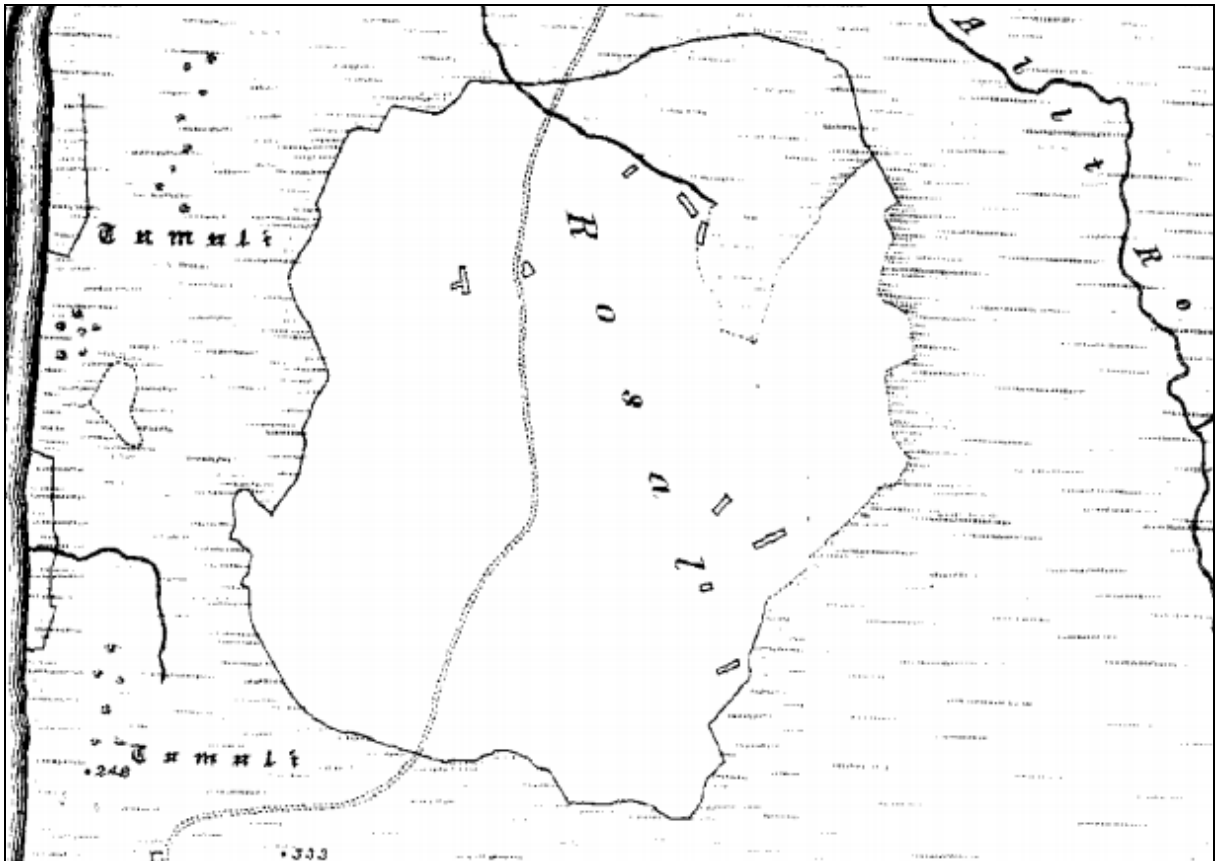


Figure 3a – 1st Edition Ordnance Survey (1873) (1:10 560) © Crown Copyright and Landmark Information Group – not to be reproduced without permission - 329080289)

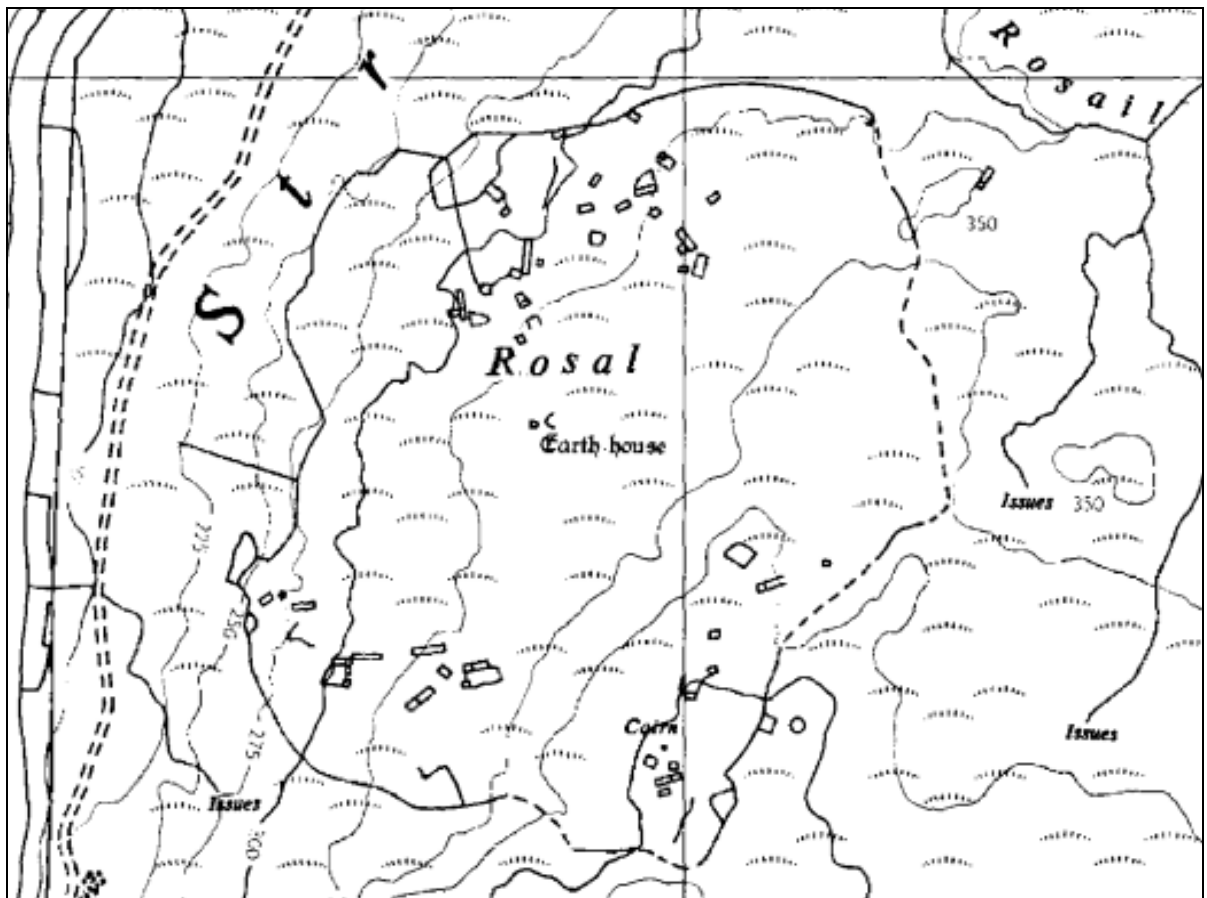


Figure 3b – Ordnance Survey (1961-63) (1:10 560) © Crown Copyright and Landmark Information Group – not to be reproduced without permission – 329080289)



Figure 4 – Rosal (1811 Estate Plan – Benjamin Meredith) Fairhurst H, 1967-68, Proc Soc Antiq Scot, vol 100, pages 135-69

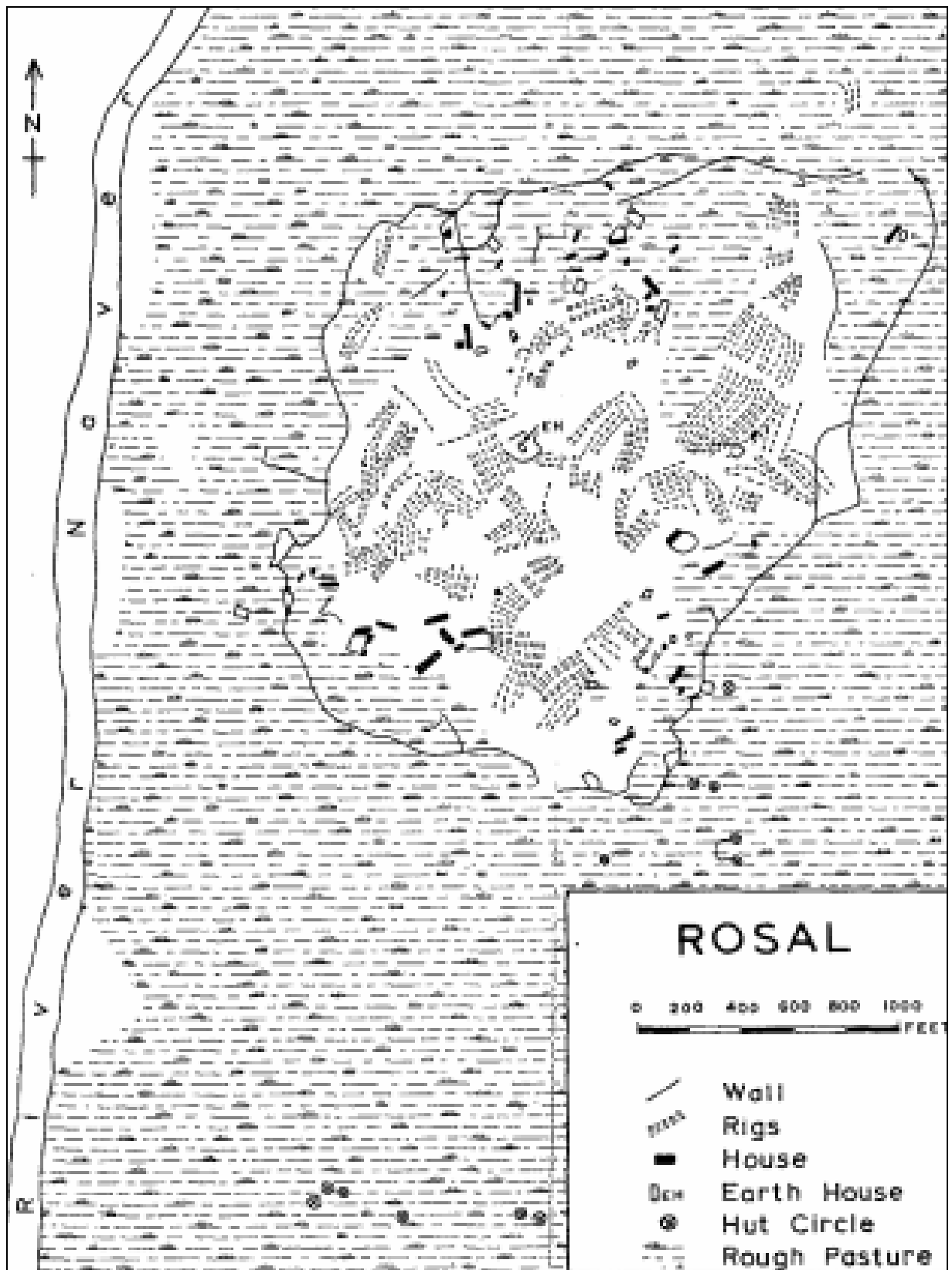


Figure 5 – plan of Rosal © Fairhurst H, 1967-68, Proc Soc Antiq Scot, vol 100, pages 135-69



Figure 6a – Longhouse / dwelling (D1)



Figure 6b – Longhouse / dwelling (D2) – upper end



Figure 6c - Longhouse / dwelling (D2) – lower end



Figure 7a – associated curved walling at entrance of D2



Figure 7b – Longhouse / dwelling (D4)



Figure 7c – Longhouse / dwelling (D5)



Figure 8a – General of Longhouse / dwelling (D6) and enclosure (E7)



Figure 8b – Longhouse / dwelling (D7)



Figure 8c – Longhouse / dwelling (D8)



Figure 9a – Longhouse / dwelling (D9)



Figure 9b – Longhouse / dwelling (D10) – ENE half



Figure 9c - Longhouse / dwelling (D10) – WSW half



Figure 10a – Longhouse / dwelling (D11)



Figure 10b – Longhouse / dwelling (D12)



Figure 10c – Longhouse / dwelling (D13)



Figure 11a – Ancillary structure (A1)



Figure 11b – Ancillary structure (A2)



Figure 11c – Ancillary structure (A3)



Figure 12a – Ancillary structure (A4)



Figure 12b – Ancillary structure (A5)



Figure 12c – Ancillary structure (A6)



Figure 13a – Ancillary structure (A7)



Figure 13b – Ancillary structure (A8)



Figure 13c – Ancillary structure (A9)



Figure 14a – Ancillary structure (A10)



Figure 14b – Ancillary structure (A11)



Figure 14c – Ancillary structure (A12)



Figure 15a – Ancillary structure (A13)



Figure 15b – Ancillary structure (A14)



Figure 15c – Ancillary structure (A15)



Figure 16a – Ancillary structure (A16)



Figure 16b – Ancillary structure (A17)



Figure 16c – Ancillary structure (A18)



Figure 17a – Ancillary structure (A19)



Figure 17b – Ancillary structure (A20)



Figure 17c – Ancillary structure (A21)



Figure 18a – Ancillary structure (A24)



Figure 18b – general of enclosure (E1)



Figure 18c – General of enclosure (E2)



Figure 19a – Detail of 'pit' within square compartment in E2



Figure 19b – General of enclosure (E3)



Figure 19c – General of enclosure (E4)



Figure 20a – General of enclosure (E5)



Figure 20b – "Pen" within enclosure (E6)



Figure 20c – General of enclosure (E7)



Figure 21a – General of enclosure (E9)



Figure 21b – General of enclosure (E10)



Figure 21c – General of CK1



Figure 22a – Bowl within Corn Kiln (CK1)



Figure 22b - Corn Kiln (CK2)



Figure 22c – Detail of bowl in CK2



Figure 23a – General of Corn Kiln (CK3)



Figure 23b – Bowl of Corn Kiln (CK3)



Figure 23c – General of Corn Kiln (CK4)



Figure 24a – Smaller structure within interior of CK4



Figure 24b – Hut Circle



Figure 24c – Turf & stone bank (1)



Figure 25a – Opposing entrances in A1



Figure 25b – Detail of walling E2



Figure 25c – Longhouse / dwelling (D3)



Figure 25d – Depression / Pit (P2)



Figure 26a – General of Soutterain



Figure 26b – General of Bronze Age Cairn



Figure 27a – Depression / Pit (P1)



Figure 27b- Stone setting / circle (1)



Figure 27c – Stone setting / circle (2)

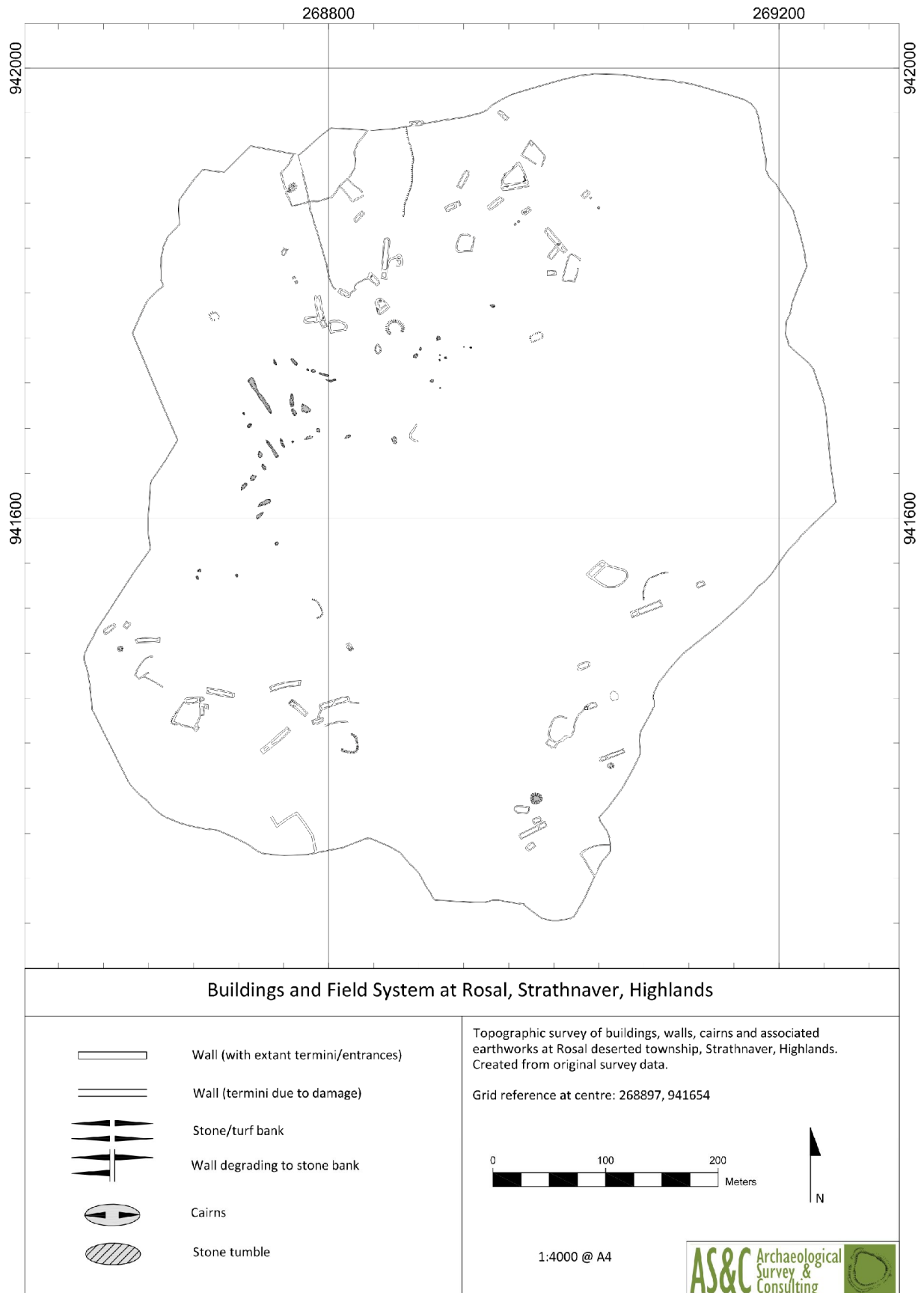


Figure 28a – overview site plan (from survey))

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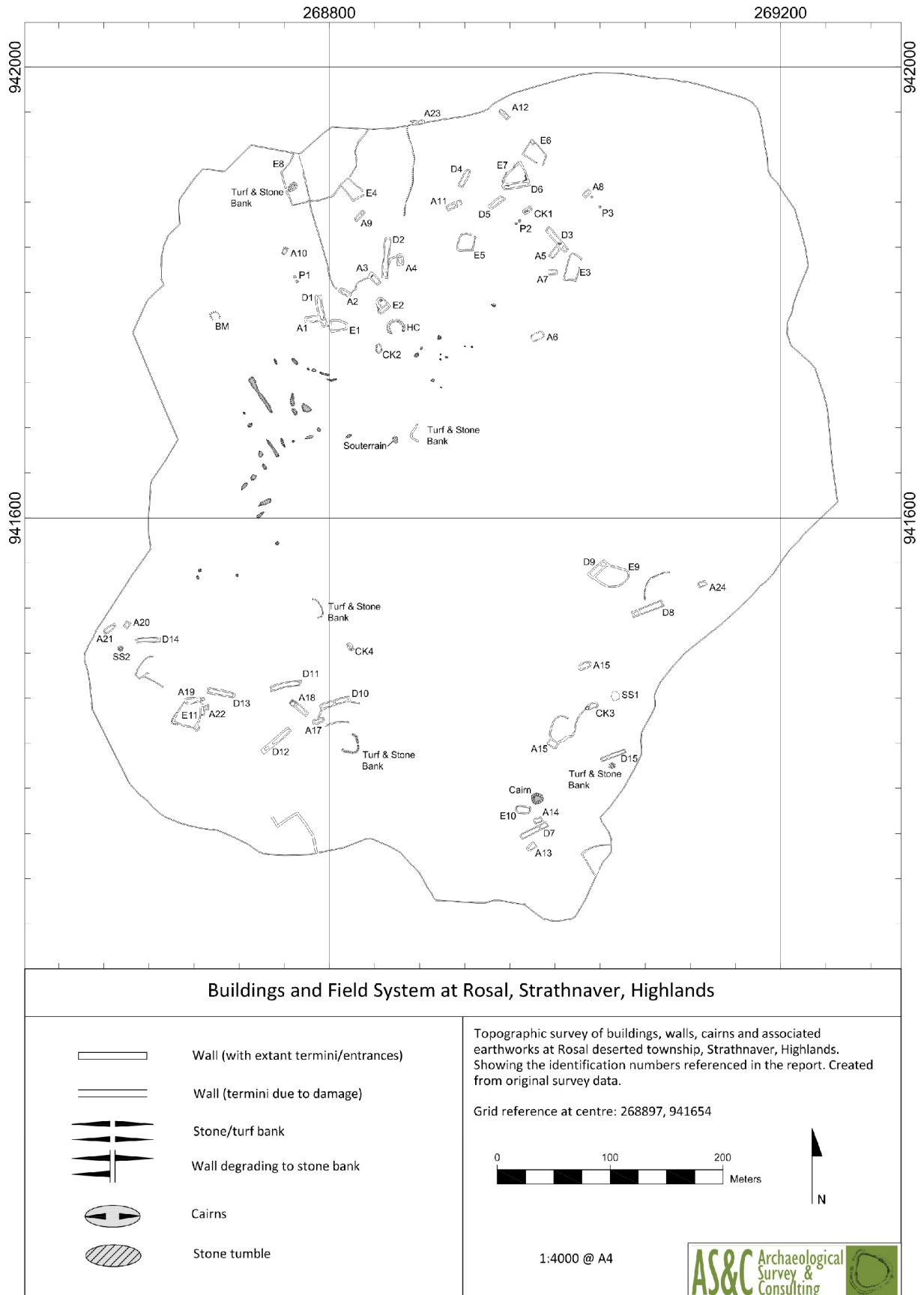


Figure 28b - annotated site plan

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Figure 28c - site plan (showing zoom locations)



Figure 28d - site plan (detail)

References

Cartographic

Blaeu Joan	1654	Atlas of Scotland - STRATH-NAVERNIA - Strath Naver and Strathmore.
Roy	1747-55	Military Survey Map of Scotland
Ordnance Survey	1873	1 st Edition Ordnance Survey, Sutherland (1:10.560)
Ordnance Survey	1906	2 nd Edition Ordnance Survey, Sutherland (1:10, 560)
Ordnance Survey	1961-63	Ordnance Survey, Sutherland (1:10 560)

Documentary

Fairhurst H	1969a	Rosal; a deserted township in Strath Naver, Sutherland. <i>Proc Soc Antiq, vol, 100, Pages 135-69</i>
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Appendix 1 – photographic record

Photographic Record 1

No.	Disc No.	Digital No.	Description	From	Date
1	1	1	Ancillary building 1 (A1)	E	21/03/14
2	1	2	Ancillary building 1 showing opposing doorways	N	21/03/14
3	1	3	Enclosure 1 (E1)	E	21/03/14
4	1	4	Ancillary building 2 (A2)	SE	21/03/14
5	1	5	Ancillary building 3 (A3)	SE	21/03/14
6	1	6	Dwelling / Longhouse structure 2 (D2) – upper end	S	21/03/14
7	1	7	Dwelling / Longhouse structure 2 (D2) – lower end	S	21/03/14
8	1	8	Curved section of walling at entrance of D2	SE	21/03/14
9	1	9	Ancillary building 4 (A4)	W	21/03/14
10	1	10	Enclosure 2 (E2)	NE	21/03/14
11	1	11	'Pit' like feature within square compartment of E2	SE	21/03/14
12	1	12	E2 – detail of wall construction	SE	21/03/14
13	1	13	General of D2 / A2 / A3 and A4	SSE	21/03/14
14	1	14	Hut circle	N	21/03/14
15	1	15	Corn Kiln (CK2)	NNW	21/03/14
16	1	16	Detail of bowl in CK2	NNW	21/03/14
17	1	17	Curved stone & turf bank feature 1	SW	21/03/14
18	1	18	Ancillary building 6 (A6)	NE	21/03/14
19	1	19	Ancillary building 7 (A7)	E	21/03/14
20	1	20	Ancillary building 5 (A5)	NE	21/03/14
21	1	21	Ancillary building 8 (A8)	SE	21/03/14
22	1	22	Dwelling / Longhouse structure 3 (D3)	NW	21/03/14
23	1	23	Ancillary building 9 (A9)	SW	21/03/14
24	1	24	Ancillary building 10 (A10)	SE	21/03/14
25	1	25	Dwelling / Longhouse structure 1 (D1)	S	22/03/14
26	1	26	Depression / Pit 1 P1)	ESE	22/03/14
27	1	27	Ancillary building 11 (A11)	ENE	22/03/14
28	1	28	Dwelling (D4)	SW	22/03/14
29	1	29	Dwelling (D5)	SE	22/03/14

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30	1	30	Enclosure 5 (E5)	NNE	22/03/14
31	1	31	Ancillary building 12 (A12)	SE	22/03/14
32	1	32	Corner pen within enclosure 6 (E7)	S	22/03/14
33	1	33	Dwelling / Longhouse structure 6 (D6) and enclosure 7 (E7)	S	22/03/14
34	1	34	Enclosure 7 (E6)	S	22/03/14
35	1	35	Bowl of corn kiln 1 (CK1)	SW	22/03/14
36	1	36	General of corn kiln 1 (CK1)	SW	22/03/14
37	1	37	Depression / Pit 2 (P2)	NE	22/03/14
38	1	38	General of soutterain	SSE	22/03/14
39	1	39	Enclosure 10 (E10)	E	22/03/14
40	1	40	Ancillary building 14 (A14)	W	22/03/14
41	1	41	Dwelling / Longhouse structure 7 (D7)	E	22/03/14
42	1	42	Ancillary building 13 (A13)	E	22/03/14
43	1	43	Bronze age cairn	W	22/03/14
44	1	44	General view of Rosal from SE	SE	22/03/14
45	1	45	Ancillary building 15 (A15)	SW	22/03/14
46	1	46	Bowl of corn kiln 3 (CK3)	W	22/03/14
47	1	47	General of corn kiln 3 (CK3)	E	22/03/14
48	1	48	Stone setting 1 (SS1)	W	22/03/14
49	1	49	Enclosure 9 (E9)	S	22/03/14
50	1	50	Ancillary building 16 (A16)	SSE	22/03/14
51	1	51	Dwelling / Longhouse structure 8 (D8)	NNW	22/03/14
52	1	51	Ancillary structure 24 (A24)	SSE	22/03/14
53	1	53	Dwelling / Longhouse structure 9 (D9)	E	22/03/14
54	1	54	Dwelling / Longhouse structure 10 (D10) – ENE half	WSW	22/03/14
55	1	55	Dwelling / Longhouse structure 10 (D10) – WSW half	WSW	22/03/14
56	1	56	Ancillary building 18 (A18)	ESE	22/03/14
57	1	57	Ancillary building 17 (A17)	NE	22/03/14
58	1	58	Dwelling / Longhouse structure 11 (D11)	NE	22/03/14
59	1	59	Dwelling / Longhouse structure 12 (D12)	SSE	22/03/14
60	1	60	Corn kiln 4 (CK4)	ESE	22/03/14
61	1	61	Later feature within CK4	W	22/03/14
62	1	62	Dwelling / Longhouse structure 13 (D13)	SE	22/03/14

63	1	63	Ancillary building 19 (A19)	NE	22/03/14
64	1	64	Enclosure 11 (E11) and attached structure A22	N	22/03/14
65	1	65	'Pit' like feature within E19	-	22/03/14
66	1	66	Stone setting 2 (SS2)	W	22/03/14
67	1	67	Dwelling / Longhouse structure 13 (D13)	W	22/03/14
68	1	68	Ancillary building 20 (A20)	ESE	22/03/14
69	1	69	Ancillary building 21 (A21)	NE	22/03/14

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Appendix 3 – table with grid references for each feature

Feature Number	Eastings	Northings
D1	268791	941786
D2	268850	941831
D3	269000	941848
D4	268920	941909
D5	268948	941897
D6	268965	941895
D7	268978	941321
D8	269083	941519
D9	269037	941554
D10	268805	941436
D11	268758	941451
D12	268754	941403
D13	268703	941445
D14	268638	941491
D15	269053	941390
A1	268784	941776
A2	268814	941799
A3	268840	941811
A4	268862	941829
A5	269000	941835
A6	268984	941760
A7	268998	941817
A8	269028	941887
A9	268827	941868
A10	268760	941836
A11	268910	941876
A12	268955	941957
A13	268979	941307
A14	268958	941331
A15	268998	941400
A16	269025	941469
A16	269025	941469
A17	268790	941419
A18	268773	941431
A19	268678	941438
A20	268620	941504
A21	268605	941501
A22	268690	941432
A23	268878	941950
A24	269129	941541
E1	268807	941770
E2	268846	941790
E3	269016	941822
E4	268820	941890
E5	268921	941845
E6	268981	941923
E7	268964	941903

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E8	268770	941895
E9	269050	941548
E10	268971	941340
E11	268675	941427
BM	268698	941779
CAIRN	268984	941351
CK1	268975	941872
CK2	268843	941750
CK3	269032	941432
CK4	268818	941485
P1	268770	941811
P2	268967	941862
P3	269039	941875
SOUTERRAIN	268858	941669
SS1	269053	941442
SS2	268615	941484

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