

**Rowett South, Aberdeen, AB21 9SN
Level 2 Standing Building Survey**



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Cameron Archaeology
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SUMMARY

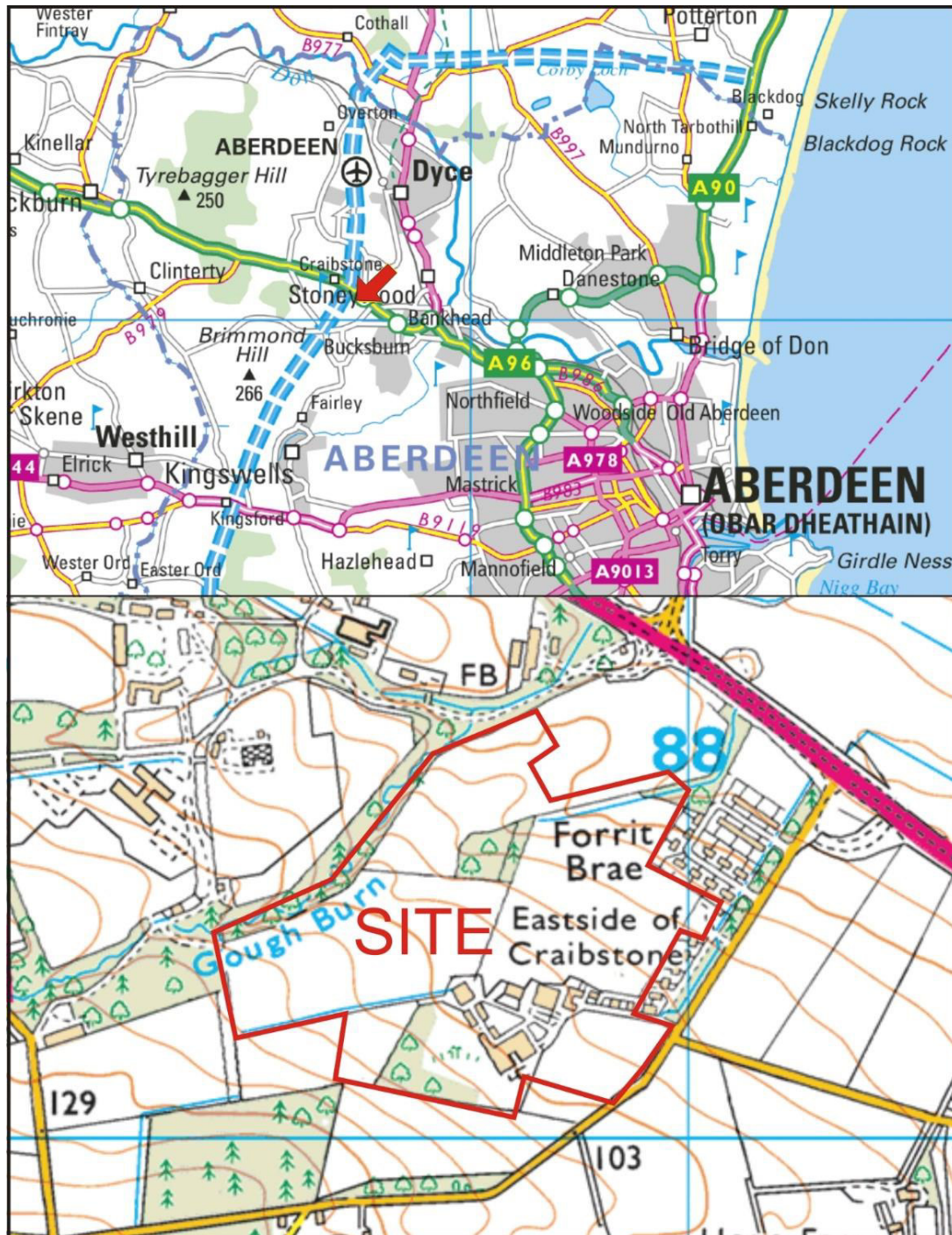
A level 2 standing building survey was carried out on 18-19 December 2017 by Alison Cameron and Alice Jaspars of Cameron Archaeology Ltd. Plans and elevations were hand-drawn and a full photographic survey carried out. Areas excluded were the interiors of Buildings 5, 6, 7 and 10 where there was no access.

The origins of the buildings are Eastside of Craibstone farmhouse (Building 3) which survives with small extensions and the SW and NW walls of a steading (Building 4) which has been partially rebuilt using stone for the former farm steading building. There is no trace of Woodside of Craibstone (Illus 49) which has been demolished. The cottages (Buildings 1 and 2) and Buildings 7-10 are probably early to mid 20th century in date; the foundations of Buildings 1 and 2 are constructed of Brownhills bricks not produced before 1937. Buildings 5 And 6 are the latest buildings dating to the latter half of the 20th century (Illus 46). The buildings were latterly used by the Rowett Institute.

An archaeological evaluation is required on the associated farmland prior to development but it is recommended that no further work is required prior to the demolition of Buildings 1-10.

1 BACKGROUND

- 1.1 The site (Illus 1) is located on the south side of the A96 between Bucksburn and Chapel of Stoneywood. It is centred on NGR NJ 87745 10336, at 70-120m OD in the parish of Newhills.
- 1.2 The work was commissioned by Ben Freeman, Bancon. The site already has an approved masterplan, and Planning Permission in Principle, and the client is preparing to submit an MSC application; Aberdeen City Council require a 7-10% archaeological evaluation of the whole area of the site and this Level 2 standing building survey of Eastside of Craibstone buildings (see Illus 1).
- 1.3 All the archaeological work was carried out in the context of Scottish Planning Policy (SPP) Planning Advice Note (PAN 2/2011) and Historic Environment Scotland's Policy Statement (HESPS) which state that archaeological remains should be regarded as part of the environment to be protected and managed.



Illus 1 Location plan (Contains Ordnance Survey data © Crown copyright and database right 2017)

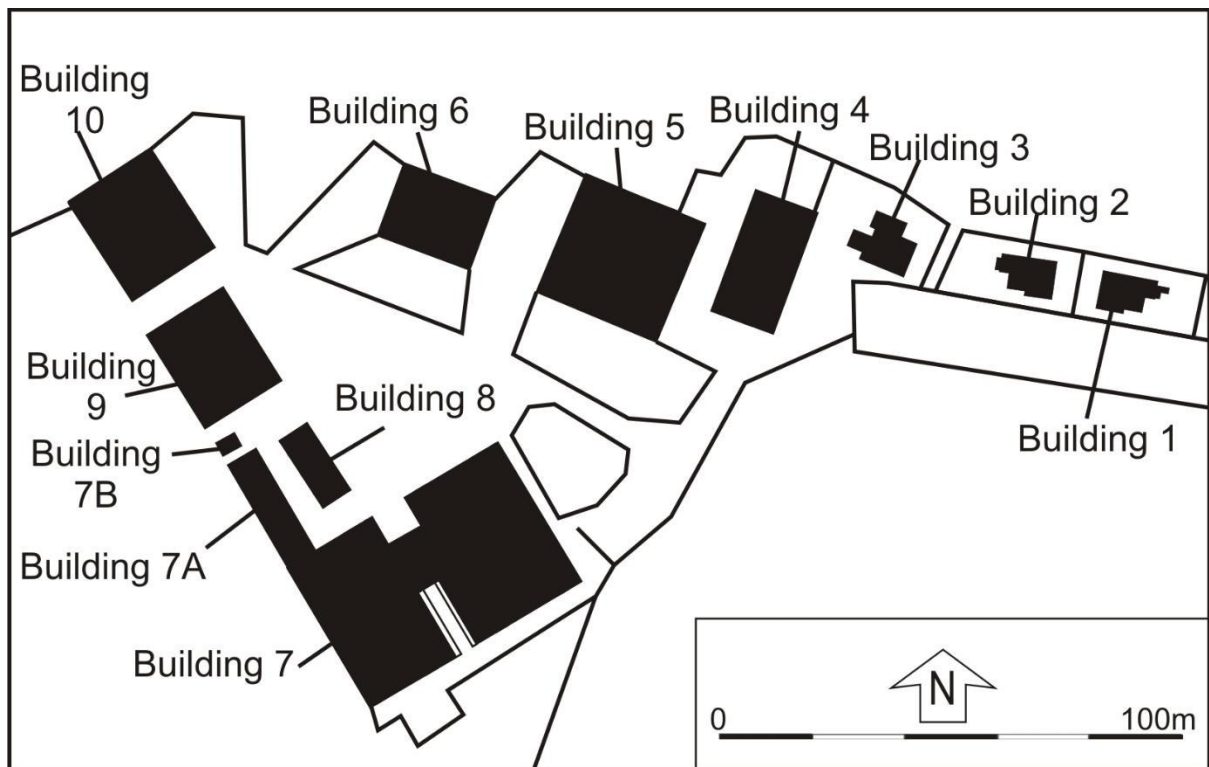
2 ARCHAEOLOGICAL BACKGROUND

There are no Scheduled Monuments within 1km of the proposed development. There is one site within the development boundary, Eastside of Craibstone farmstead (HES NJ81SE 94). First and Second Edition OS maps show Woodside of Craibstone to the west which has been subsumed into the larger farm.

The Rowett Institute was founded in 1913 with the aim of furthering research in animal nutrition. At the helm was John Boyd Orr, later to become Lord Boyd Orr, who moved from Glasgow to 'the wilds of Aberdeenshire' to become the Institute's first director. When he arrived, there was no Institute building and he started work in a basement laboratory at the University of Aberdeen in Marischal College. At the same time he committed the £5,000 which was available to the building of a granite laboratory block at Craibstone, not far from the present site of the Rowett Institute. At the breakout of the Great War, Orr left the Institute, but returned in 1919 with a staff of four to begin work in a laboratory facility. Orr continued to push for a properly equipped new research institute and finally the Government agreed to pay half the costs but stipulated that the other half was to be found from other sources. The extra money was donated by Dr John Quiller Rowett, a businessman and director of a wine and spirits merchants in London. Rowett's donation allowed the purchase of 41 acres of land at Bucksburn for the Institute to be built on. Rowett also contributed £10,000 towards the cost of the buildings. The money was donated with one very important stipulation from Rowett - "if any work done at the Institute on animal nutrition were found to have a bearing on human nutrition, the Institute would be allowed to follow up this work." The Institute was formally opened in 1922 by Queen Mary with a tree planting ceremony. Although Orr's early research at the new Rowett Institute was initially concerned with the mineral content of pastures and the importance of vitamins and minerals in the diet of farm animals, Rowett's words were soon to be realised and he quickly made major breakthroughs in human health. Having served as a medical officer in the trenches during the First World War, he had seen first-hand the poor health and physique of many of the army conscripts. In the late 1920s, Orr began to look at the relationship between poverty, food and optimal health. His research changed our understanding of the relationship between diet and health – he was the first scientist to show that there was a link between poverty, poor diet and ill-health. He led a study looking at the importance of milk in the diet where he examined the effect on the growth of children. Orr observed that those who grew best had milk in their diets. This ultimately led to the policy of giving children free milk in schools. But Orr's greatest contribution came in the late 1930s in the form of The Carnegie Survey, where he looked at the diet and health of over 1300 families across the UK. The survey data was in the process of being analysed at the outbreak of World War II and the results were used to inform the development of UK food rationing policy, which for the first time was based on a greater understanding of nutritional needs, with special measures to safeguard the health of mothers and children. So effective was this understanding of nutritional needs that the nation's health was said to be generally better at the end of WWII than it was at the beginning. The advances in research continued throughout the post-war period when the Rowett led the way in improving the efficiency of animal production, establishing a global reputation for work in this area. During this period, the Rowett was led first by David Cuthberton and subsequently by Kenneth Blaxter, respectively the second and third directors of the Rowett Institute. The work of Kenneth Blaxter, in particular, had a major impact on practical rearing of farm animals, increasing both the efficiency and cost-effectiveness of livestock production. (<https://www.abdn.ac.uk/rowett/about/the-early-year>).

3 LEVEL 2 STANDING BUILDING SURVEY

A level 2 standing building survey was carried out on 18-19 December 2017 by Alison Cameron and Alice Jaspars of Cameron Archaeology Ltd. Plans and elevations were hand-drawn and a full photographic survey carried out. Areas excluded were the interiors of Buildings 5, 6, 7 and 10 where there was no access.



Illus 2 Plan showing building numbers used in this survey (based on *Contains Ordnance Survey data* © Crown copyright and database right 2017)

3.1 BUILDING 1

Building 1 (Illus 3-4) is 3 Eastside Gardens, a one storey cottage with roof space. It is 16m W-E and 9m N-S with concrete stairs F1 to the front door (D1) on the S wall and stairs to the kitchen up steps F2 to door D2 on the E side of the building. The building is of brick with a base course of red/black fireclay bricks. There is one lying in the garden stamped 'Brownhill' made at Brownhill Brickworks, Newarthill, Wishaw c1937-1980 (Douglas and Oglethorpe 1993, 57). The roof is of grey slate.

Room 1

Room 1 is the kitchen 4 x 3.5m in size with Door D1 and window W5 on the E wall and window W7 on the south wall. There was also a small window or vent (W6) which is visible from the exterior butt has been covered on the interior.

Room 2

Room 2 is a reception room 4.7 x 3.3m in size with fireplace F7 on the N wall with alcove F8 to the west, window W4 on the E wall and window W3 on the S wall.

Room 3

Room 3 is the central hall max 4.6m long and 1.7m wide with main front door D1 on the S wall and doors off to Room 3 on the E wall, Room 4 on the W wall and Rooms 5, 6 and 7 at the N end of the room.

Room 4

Room 4 is a reception room in the SW corner of the building 4.2 x 2.8m in size with chimney breast F5 on the N wall adjacent to alcove F6 and a window W2 on the S wall.

Room 5

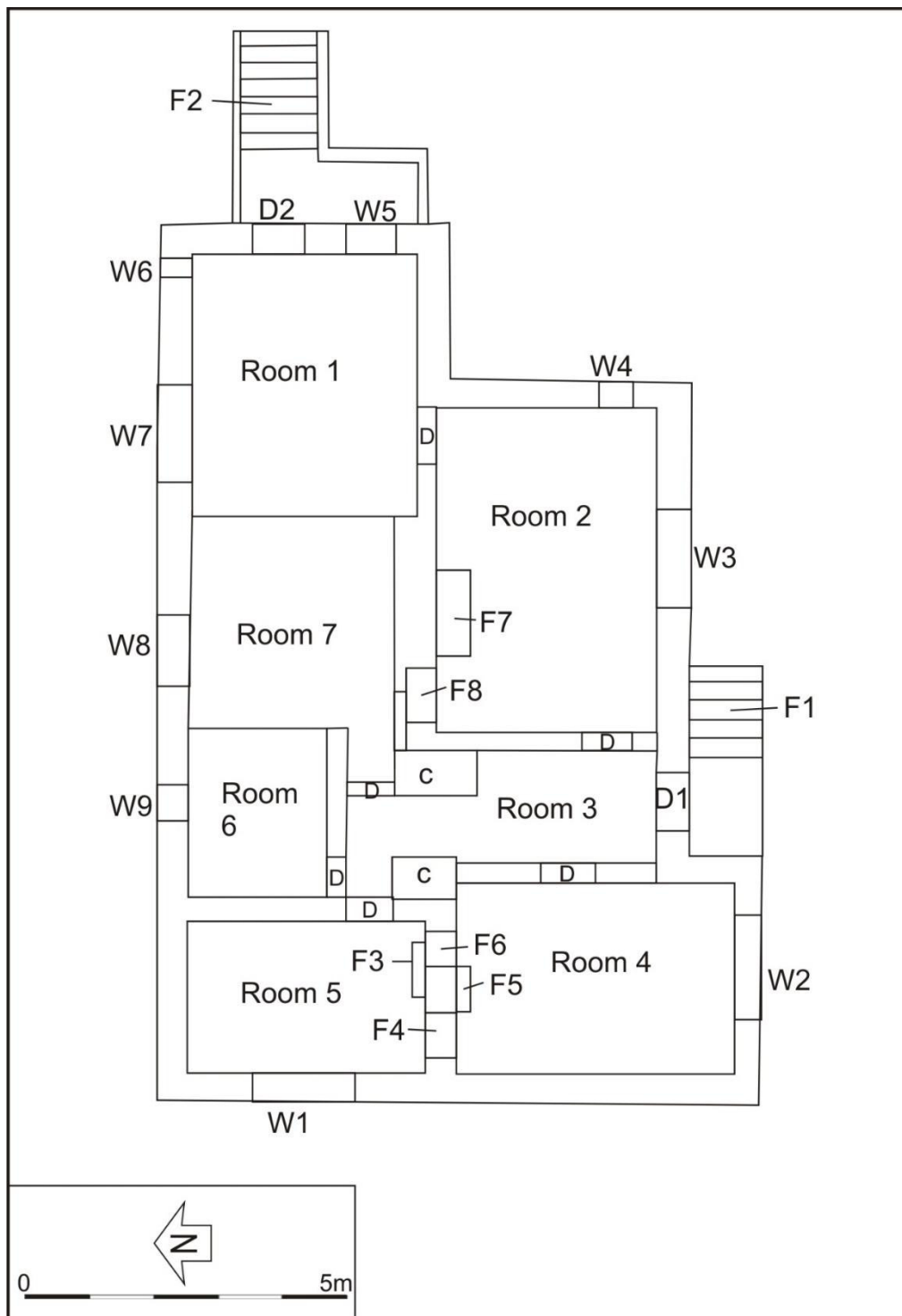
Room 5 is a bedroom in the NW corner of the building 3.6 x 2.1m in size with chimney breast F3 on the S wall next to alcove F4 and window W1 on the W wall.

Room 6

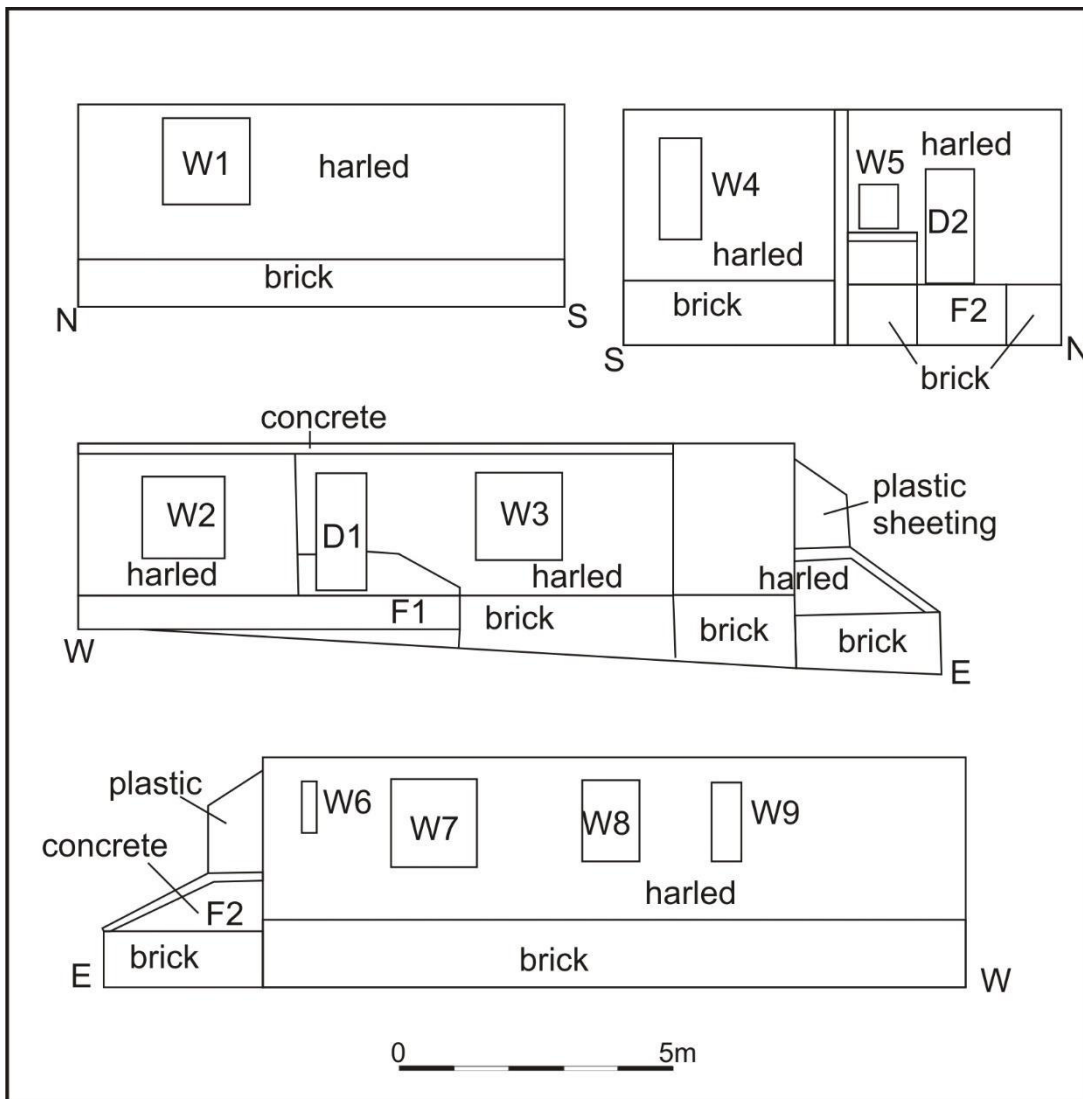
Room 6 is the bathroom in the centre of the N side of the building 2.3 x 2.3m in size with window W9 on the N wall.

Room 7

Room 7 is a second bedroom 3.3 x 3m in size with window W8 on the N wall.



Illus 3 Building 1 plan



Illus 4 Building 1 elevations



Illus 5 Building 1 from SE



Illus 6 Building 1 E wall showing steps F2, D2 and W4, W5 (left); facing W



Illus 7 Building 1 S wall brick details; facing N



Illus 8 Building 1 Brownhill brick used in base of building



Illus 9 Building 1 Room 2 N wall fireplace F7 and alcove F8 (left); facing N

3.2 BUILDING 2

Building 2 (Illus 10-11) is 2 Eastside Gardens, a one storey cottage with roof space. It is 16m W-E and 9m N-S with concrete stairs F10 to the front door (D3) on the S wall and stairs to the kitchen up steps F9 to D4 on the W wall of the building. The building is of brick with a base course of red/black fireclay bricks (Illus 12-13).

Room 8

Room 8 is a reception room in the SW corner of the building 4.8 x 3.2m in size with fireplace F15 and alcove F16 on the N wall, window W11 on the S wall and window W14 on the W wall.

Room 9

Room 9 is the kitchen in the NW corner of the building 3.8 x 3.3m in size with back door D4 and window W13 on the W wall and window W17 on the N wall. There was a small window or vent (W18) on the N wall but this is now not visible from the interior as it has been blocked.

Room 10

Room 10 is a bedroom 3.3 x 3.1m in size with window W16 on the N wall.

Room 11

Room 11 is the bathroom 2.5 x 2.1m in size with window W15 on the N wall.

Room 12

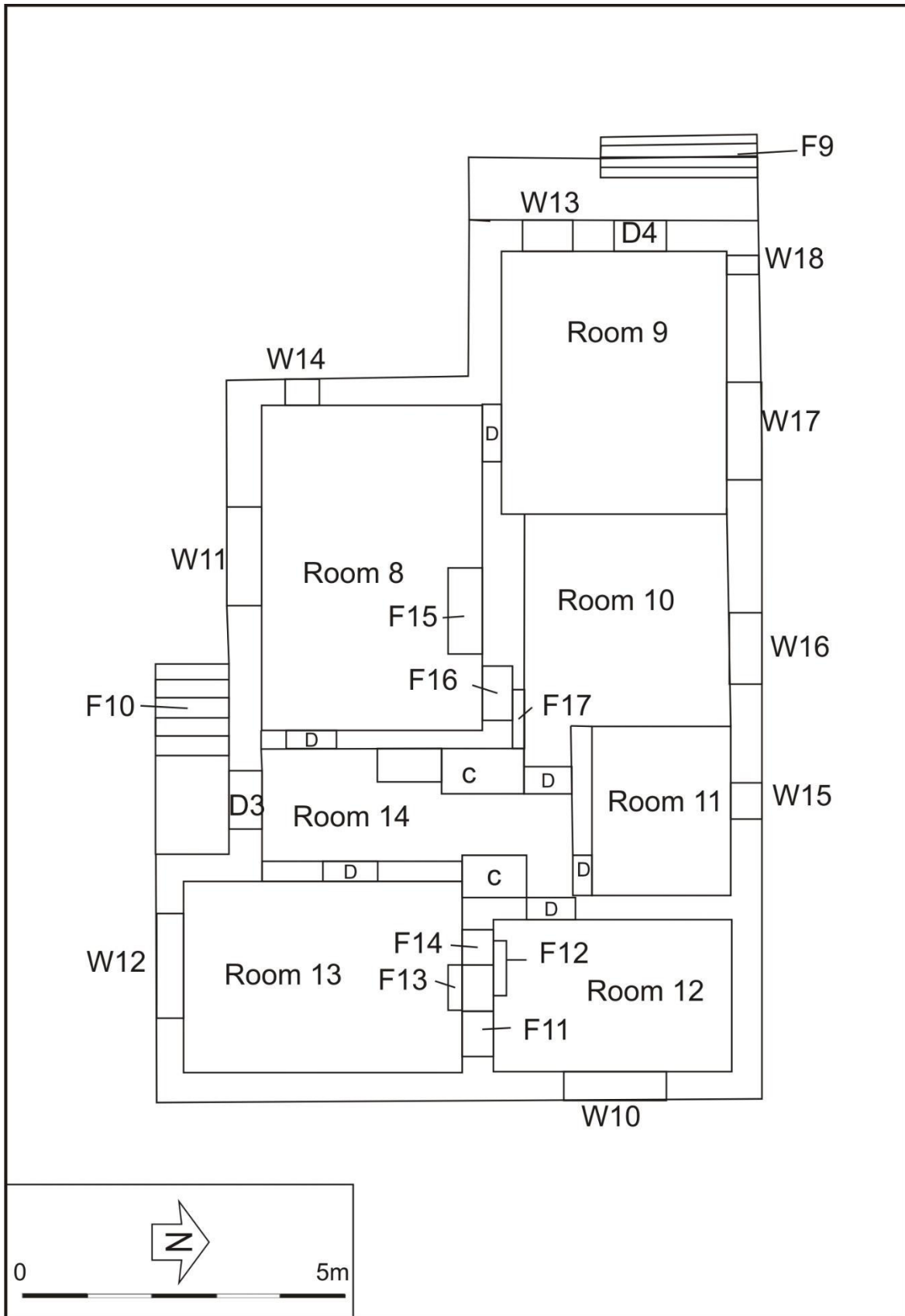
Room 12 is a bedroom in the NE corner of the cottage 3.6 x 2m in size with chimney breast F12 on the S wall adjacent to alcove F11.

Room 13

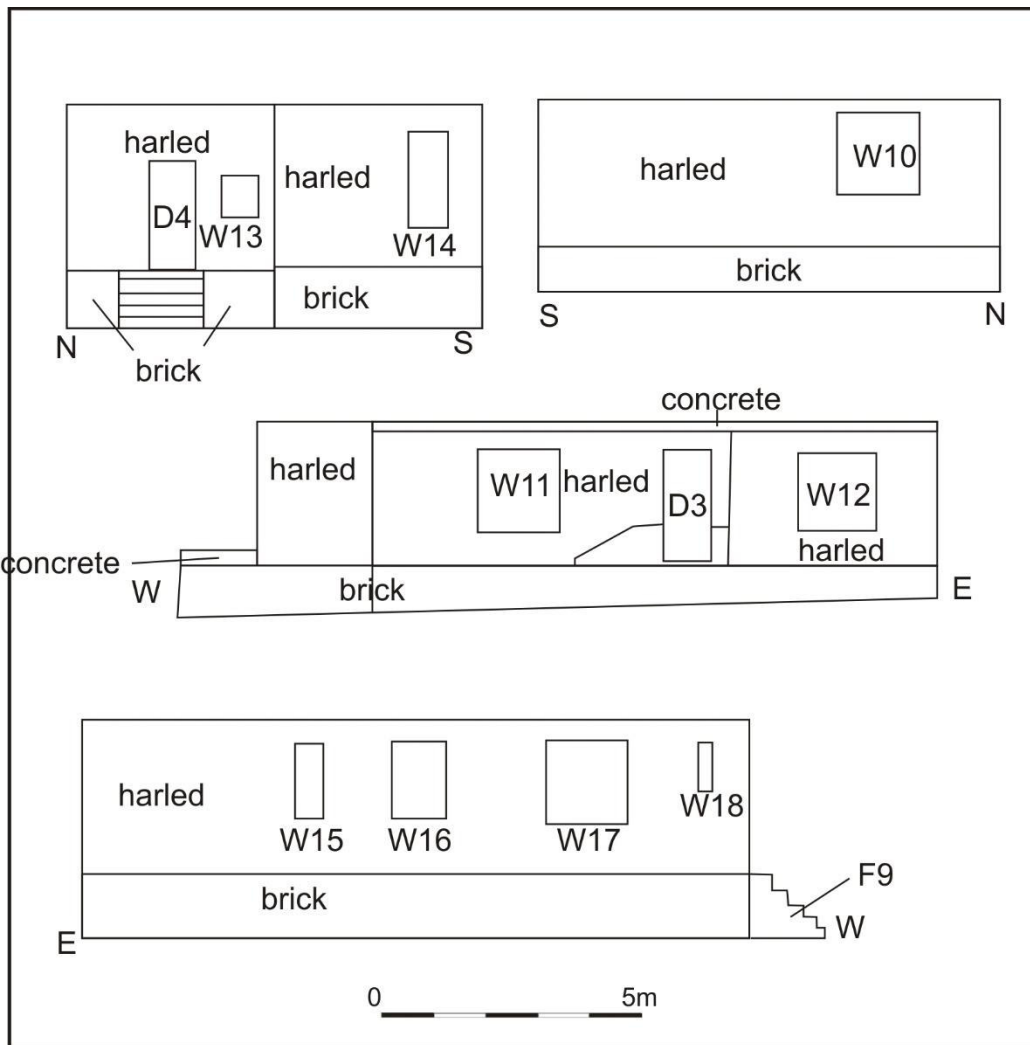
Room 13 is a reception room in the SE corner of the building 4.1 x 2.8m in size with chimney breast F13 and alcove F14 on the N wall and window W12 on the S wall.

Room 14

Room 14 is the hallway 4.1m long and max 1.7m wide with main door D3 in the S wall, doors to Rooms 13 on the E wall, Room 8 on the W wall and doors to Rooms 10, 11 and 12 off the N end of the hall.



Illus 10 Building 2 plan



Illus 11 Building 2 elevations



Illus 12 Building 2 from SE



Illus 13 Building 2 from NE

3.3 BUILDING 3

Building 3 (Illus 14-15) is the former farm cottage. It is constructed of granite but is now harled and whitewashed. It is two storeys high with dormer windows in the S façade. It is 14.5m long W-E and 11.8m N-S. It is originally L-shaped with extensions built onto the NW corner and the W wall (Illus 16).

Room 15

Ground floor reception room in SE corner of cottage. 4.5 x 3.1m in size with windows W26 on E wall and W25 on S wall.

Room 16

Ground floor bathroom accessed off kitchen 3.5 x 2.3m in size with windows W19 and W20 on N wall.

Room 17

Ground floor stairs to first floor.

Room 18

Ground floor L-shaped hall max 5.3m long and 3m wide. The main front door is on the S wall (D7) doors to Room 15 on the E wall, Room 19 on the W wall, access to the stairs opposite D7 large walk-in cupboards under the stairs and door to Room 20 on the N wall.

Room 19

Ground floor living room L-shaped with recess for stairs. Max 5.5m N-S and 4.8m W-E with fireplace F22 and alcove F23 on the W wall, window W28 on the W wall and window W24 on the S wall.

Room 20

Ground floor kitchen at the N side of the building 5.2 x 3.2m in size with window W21 on the N wall and W27 on the E wall.

Room 21

Ground floor lean-to extension on the W side of Room 20. It is L-shaped, a max of 5 x 2.9m in size with window W22 on the N wall and door D5 on the W wall (Illus 18). The internal door between Rooms 20 and 21 was probably originally the main rear door to the property.

Room 22

Ground floor room accessed from the exterior only. 3.3 x 3.2m in size with concrete floor and door D6 on the N wall and window W23 on the S wall. In the NW corner is a flue for a fire or stove and there is an external chimney on this corner of the roof (F19, Illus 17). This has been a workshop or been for industrial use.

Room 23

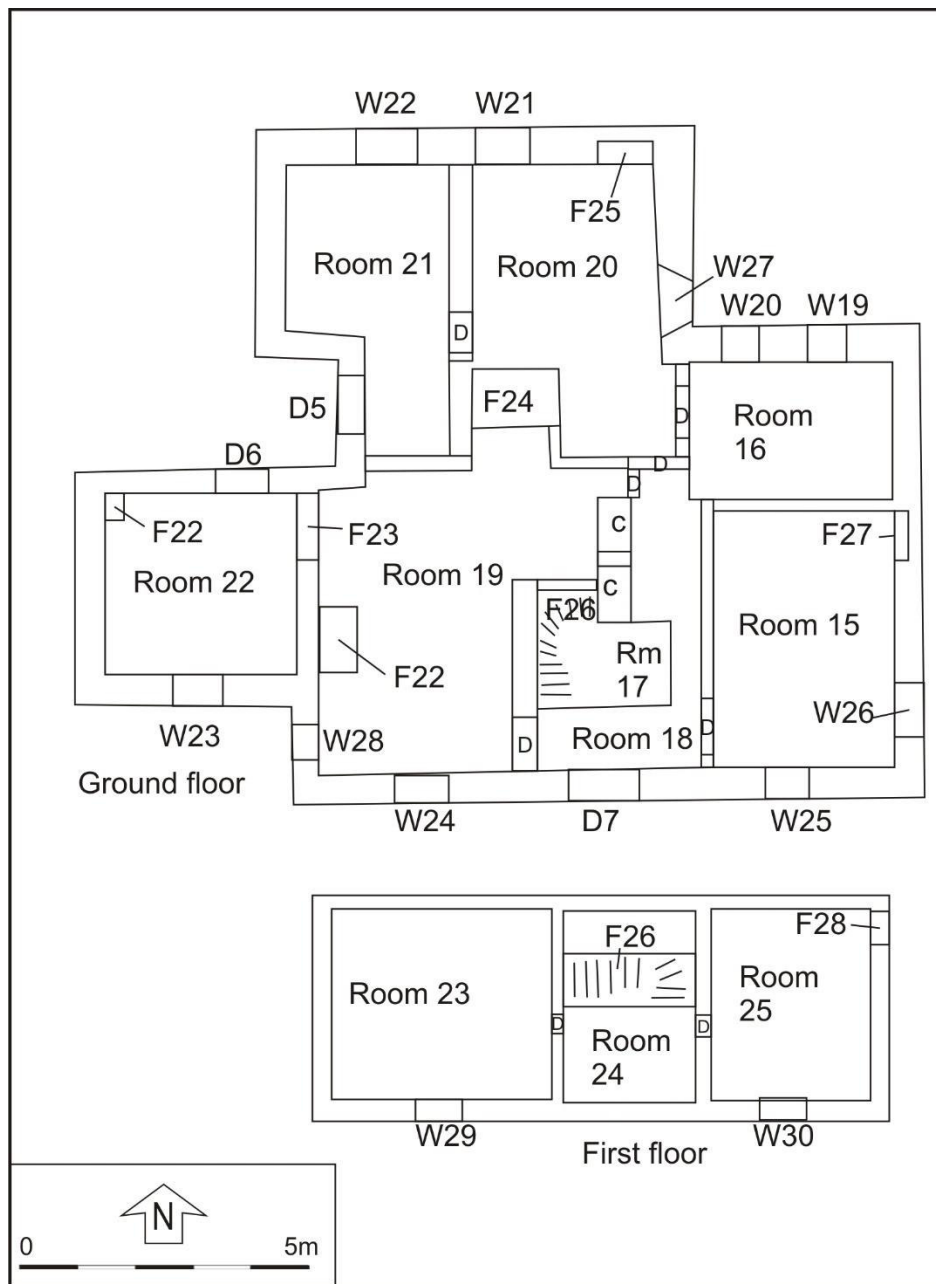
First floor attic room 3.8 x 3.4m in size in the roof space of the cottage with window W29 in the centre of the S wall.

Room 24

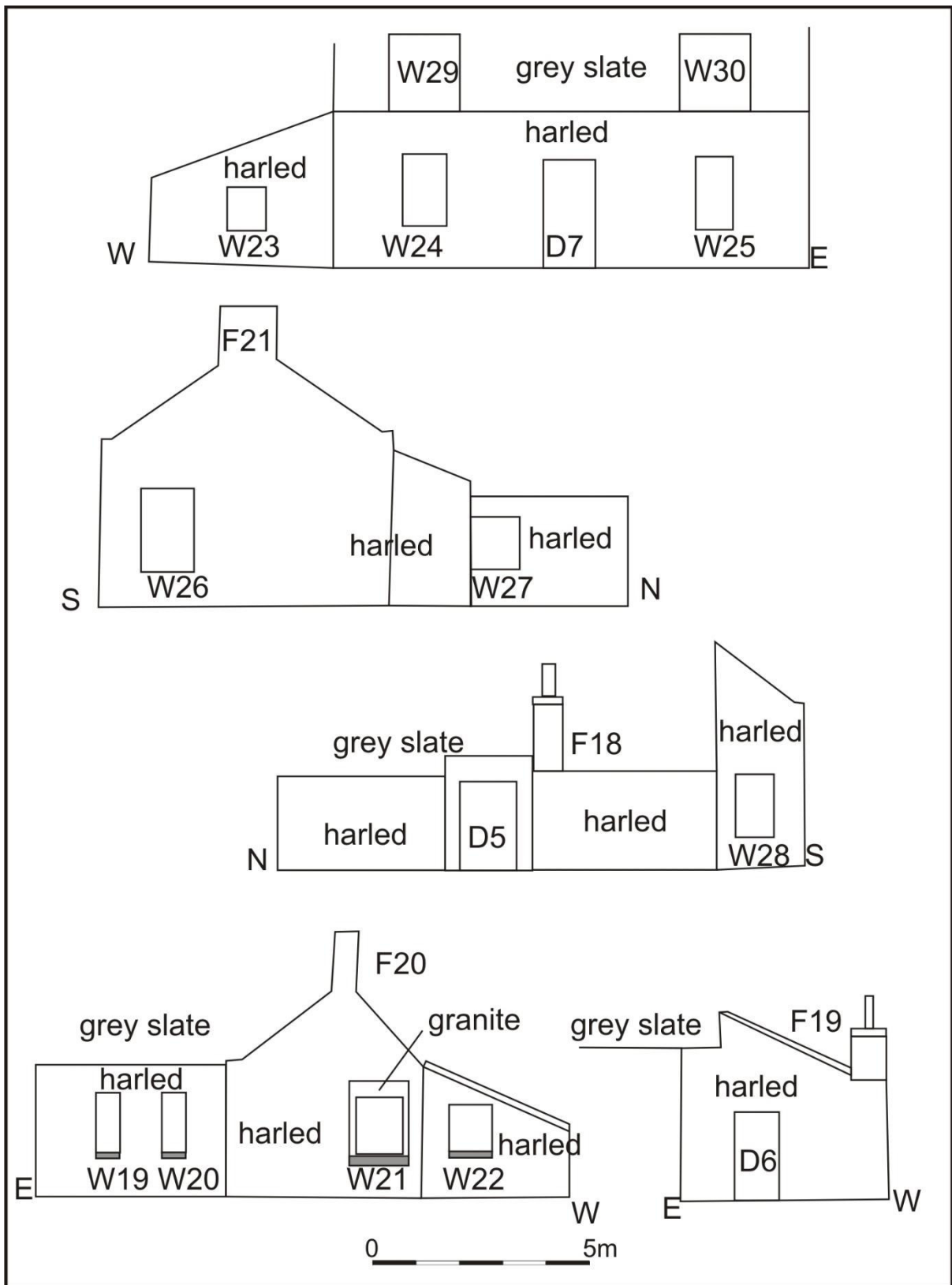
First floor attic room 2.3 x 3.4m. This is the central room with the staircase F26 and a rooflight.

Room 25

First floor attic room 2.8 x 3.4m with a window W30 in the centre of the S wall and alcove F28 on the W wall.



Illus 14 Building 3 plan



Illus 15 Building 3 elevations



Illus 16 Building 3 from SE



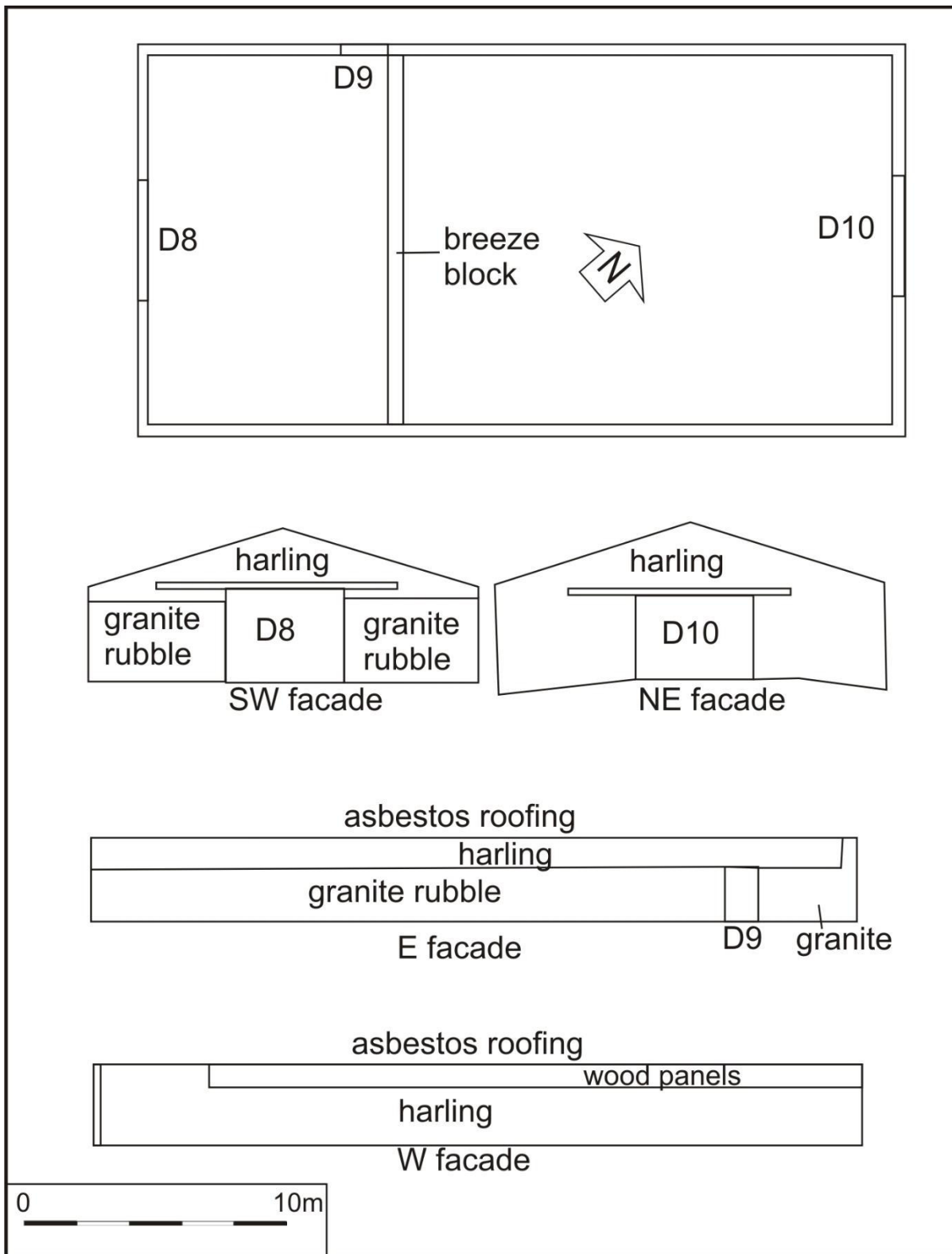
Illus 17 Building 3 W wall showing Phase 2 lean to (left) workshop with external chimney F19 (centre) and main cottage W gable (right); facing E



Illus 18 Building 3 N wall W21 (left) with granite lintel and sill in Phase 1 cottage with later addition lean to W22 (right)

3.4 BUILDING 4

Building 4 is 29.6m N-S and 15.1m W-E (Illus 19). It has a granite rubble (Illus 20, 21) W and S wall which were the remains of one of the steadings at Eastside of Craibstone seen on the First Edition OS map (Illus 49). There are large doors on the S wall (D8) and the N wall (D10) and a small door in the W wall (D9). The height of the building has been raised with breeze blocks which have been harled externally and asbestos roofing. The S room of the interior could be accessed, and the breeze block construction was recorded (Illus 22) but there is no access to the N room(s). It appears to have been for storage.



Illus 19 Building 4 plan and elevations



Illus 20 Building 4 from SW showing granite construction



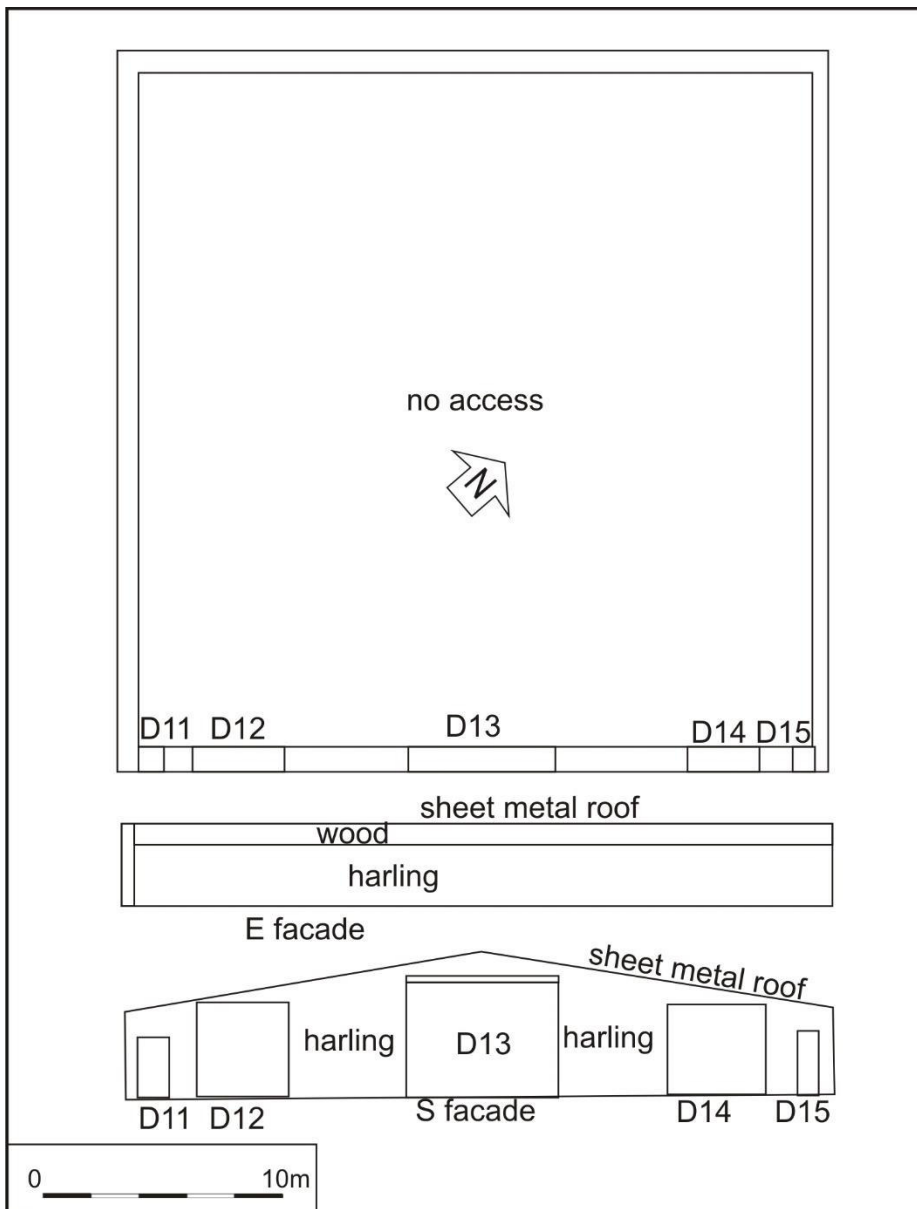
Illus 21 Building 4 SE corner showing granite steading reused as wall of warehouse; facing NW



Illus 22 Building 4 interior SW end showing breeze block interior; facing NW

3.5 BUILDING 5

Building 5 is 31m N-S and 30m W-E and is the most modern building on the site. It is constructed of sheet metal with harling walls with doors D11, D12, D13, D14 and D15 on the SE wall and sheet metal roof. There was no access to the interior. It is probably a warehouse for storage.



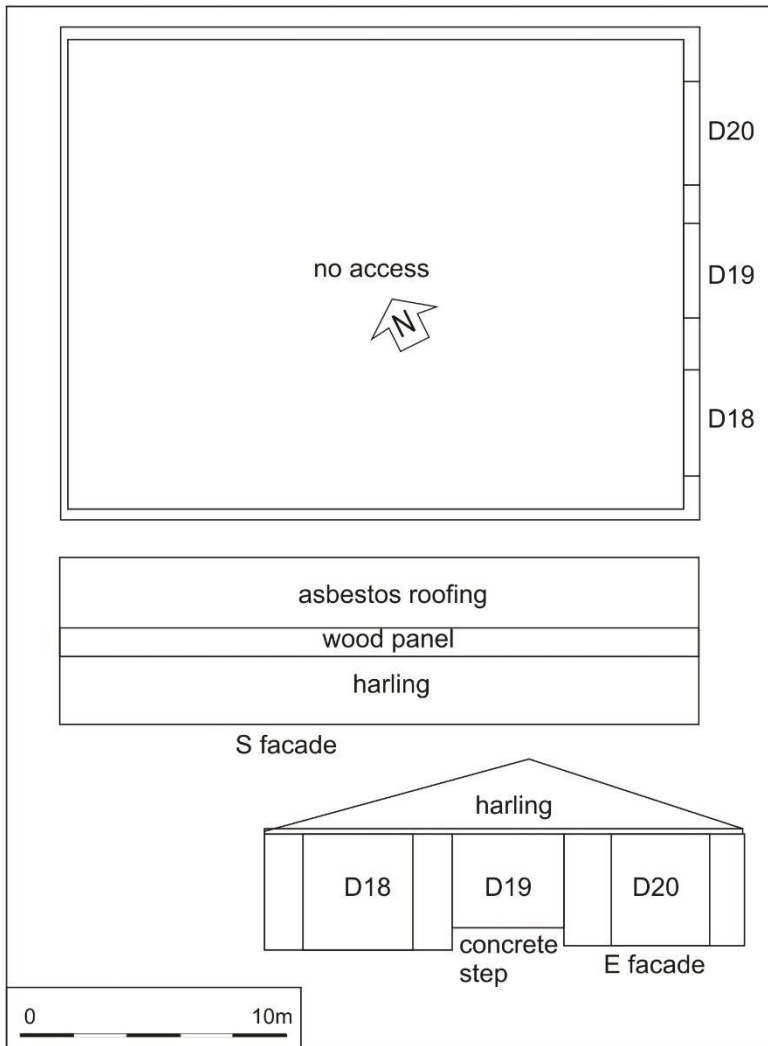
Illus 23 Building 5 plan and elevations



Illus 24 Building 5 SE wall D11, D12, D13, D14, D15; facing NW

3.6 BUILDING 6

Building 6 is 24m W-E and 18m N-S (Illus 25) and is harled with wood panelling on the W and E wall and an asbestos roof. There are large doors on the Se wall (D18, D19, D20; Illus 26). There was no access to the interior.



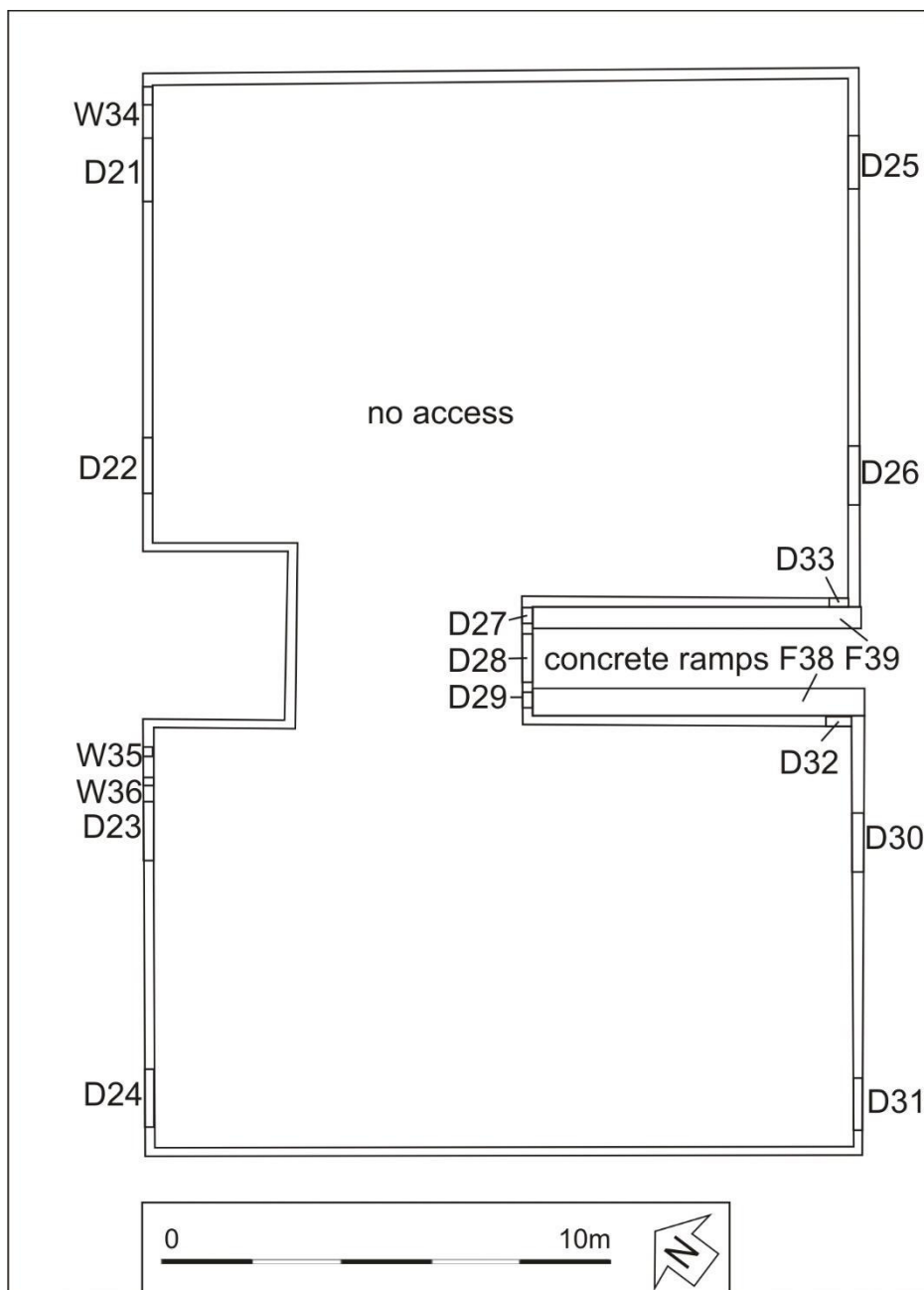
Illus 25 Building 6 plan and elevations



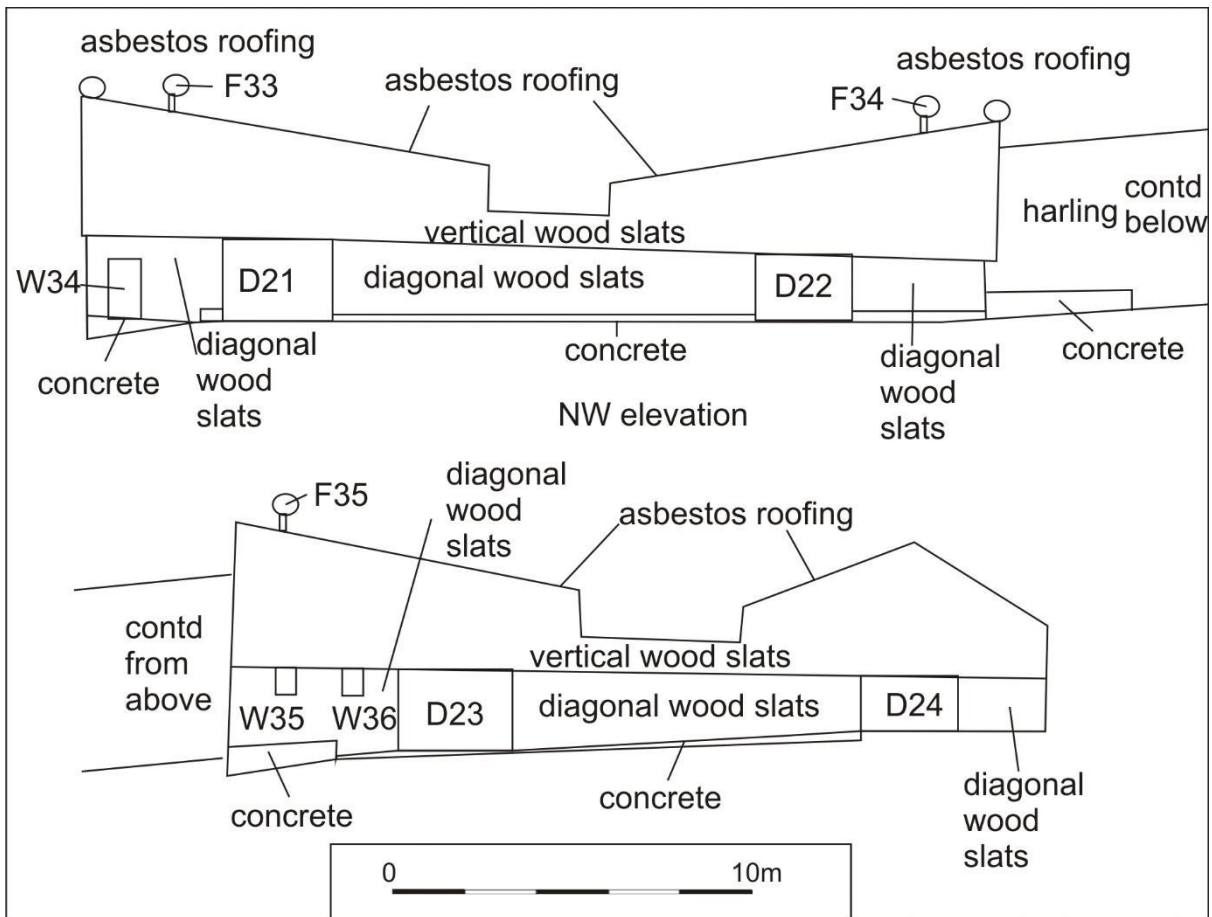
Illus 26 Building 6 SE wall D18, D19, D20; facing NW

3.7 BUILDING 7

Building 7 is 43.2m SW-NE and 37m NW-SE (illus 27, 28). It is mainly of wood construction with a concrete base. The upper sections of the walls are constructed of vertical wooden slats and the lower section of diagonal wooden slats (Illus 29, 30, 31). There was no access to the interior. The NW wall has large doors D21, D22, D23 and D24 as well as windows W34, W35 and W36. There is a recess on the NW wall 8.08m wide and 2.3m deep with concrete steps and ramp for accessing the building. The recess on the SE wall is 5.8m wide and 17.1m long with a ramp along each edge (F38 and F39) and access doors D27, D28, D29 (Illus 32). On the SE wall are also large doors D25, D26, D30 and D31. There is a slurry pit adjacent to this side of the building and concrete drains lead from the interior of the building (Illus 33) to a byre cleaner system and the slurry pits. Although there is no access to the interior this building was presumably used to stable cattle.



Illus 27 Building 7 plan



Illus 28 Building 7 elevations



Illus 29 Building 7 NE section NW wall W34 and D21 showing vertical wooden slats above diagonal slats with asbestos roofing; facing SE



Illus 30 Building 7 SW end wall with D24 and Building 7A posts and roof (top); facing SE



Illus 31 Building 7 SE wall; facing W



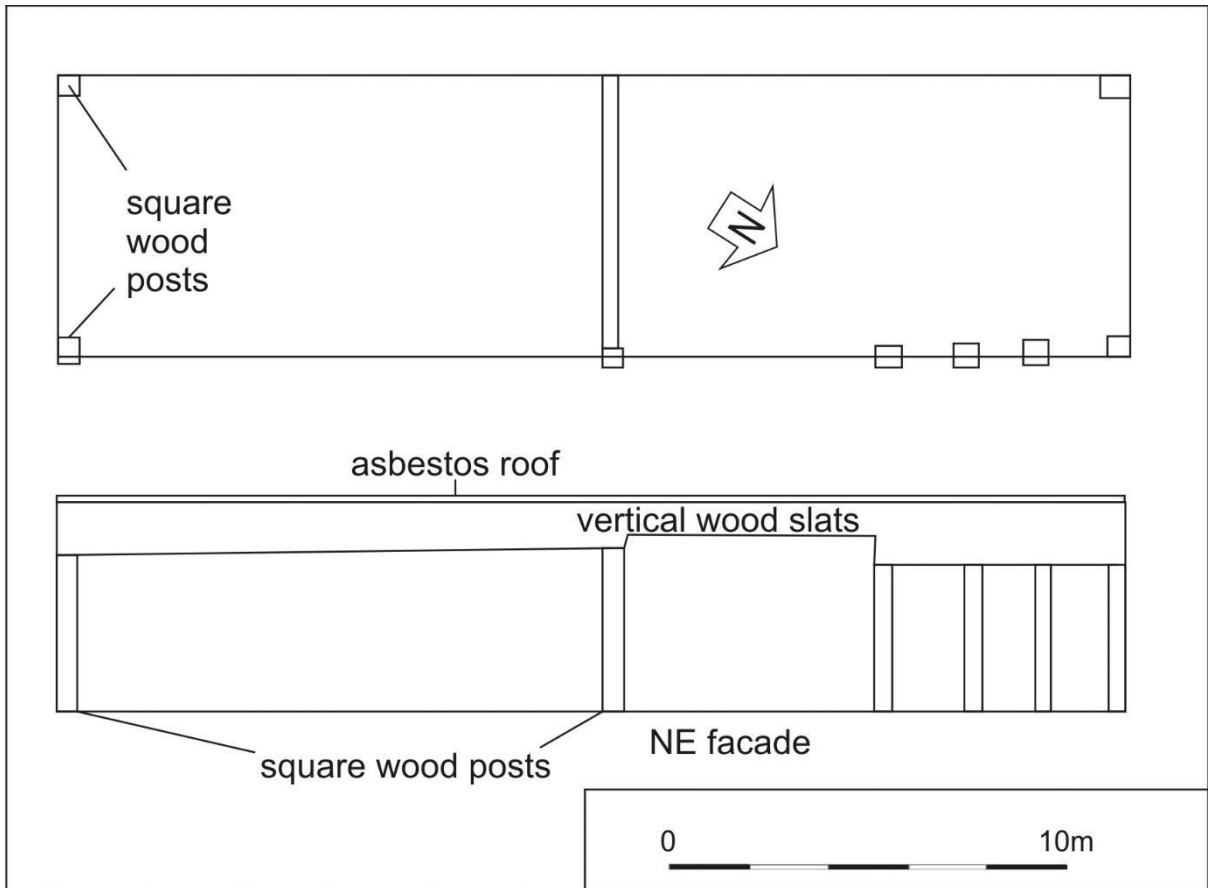
Illus 32 Building 7 SE wall cattle court with concrete ramp F38 (left) D29, D30, D31 and concrete ramp F39 (right); facing NW



Illus 33 Building 7 SE wall concrete channel running from under door D30; facing NW

3.8 BUILDING 7A

Building 7A is 27m NW-SE and 7.2m SW-NE (Illus 34). It is constructed using wooden posts with an open side at the NE (Illus 35-36) and the other three sides being of spaced wooden slats repaired in places using sheet metal (Illus 37). There is a name plate above the NE entrance (Stuart, Old Rayne'). This Dutch barn style of building was presumably used for storage (possibly bails of silage/haylage) as it was well ventilated.



Illus 34 Building 7A plan and elevations



Illus 35 Building 7A SE end; facing SW



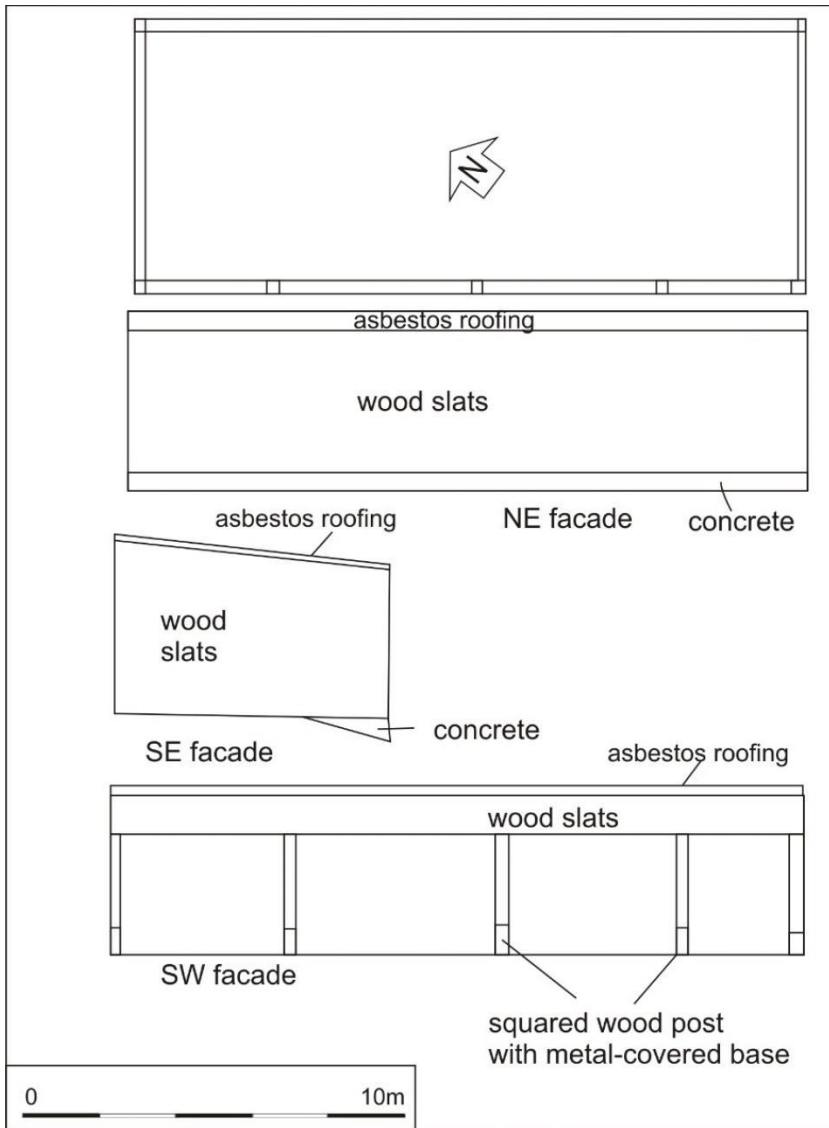
Illus 36 Building 7A NW end; facing NW



Illus 37 Building 7A partition wall showing wooden slat and metal sheet construction; facing NW

3.9 BUILDING 8

Building 8 is similar to Building 7A; it is 17.4m long NW-SE and 7.1m SW-NE (Illus 38) of post and wooden slat construction with open side to the SW and three wooden slat walls on a concrete base. There is a name plate Stuart, Old Rayne above the open SW door.



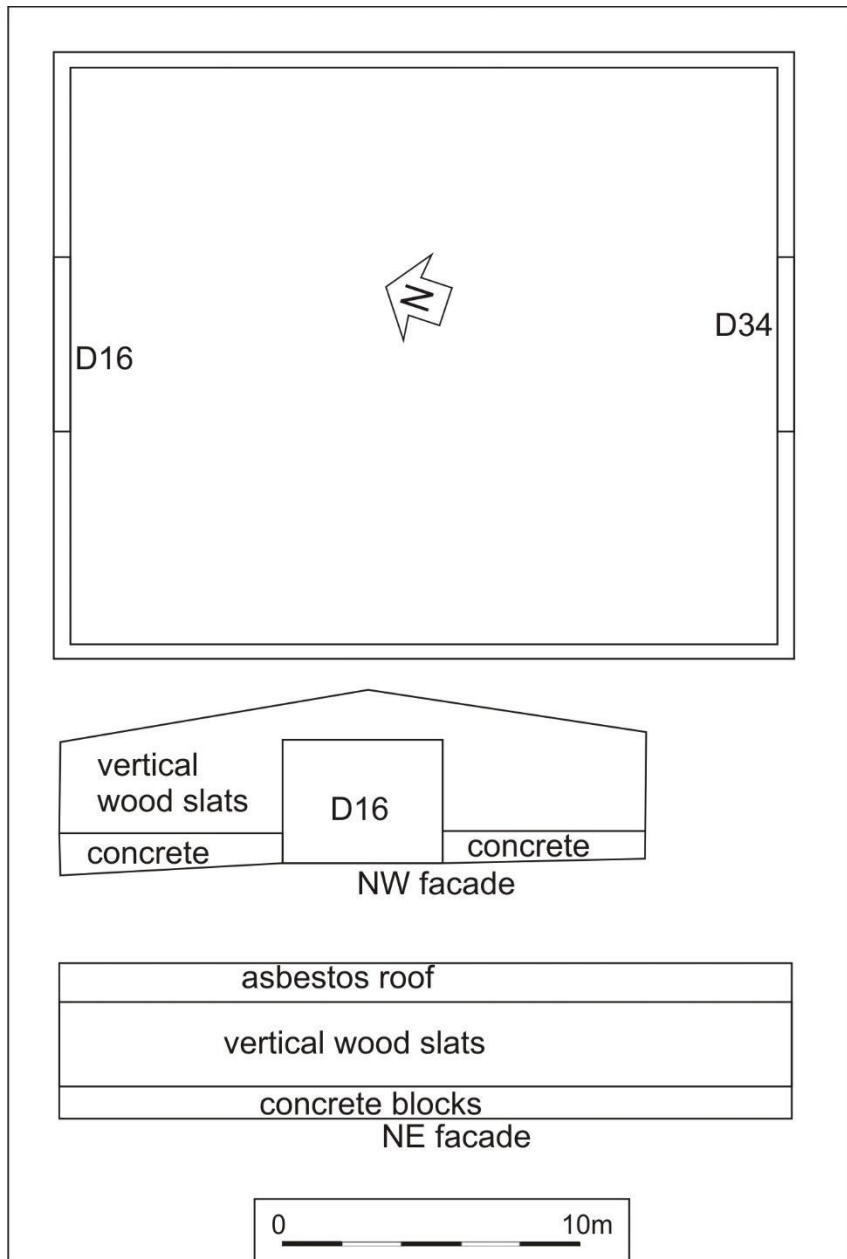
Illus 38 Building 8 plan and elevations



Illus 39 Building 8; facing N

3.10 BUILDING 9

Building 9 is 25.2m NW-SE and 20.5m SW-NE (Illus 40) constructed of wood slats on a concrete base (Illus 41) with large doors on the NW wall (D16) and the SE wall (D34). The building is supported on wooden posts on the interior (Illus 42) and has a concrete floor.



Illus 40 Building 9 plan and elevations



Illus 41 Building 9 NW wall with D16; facing SW

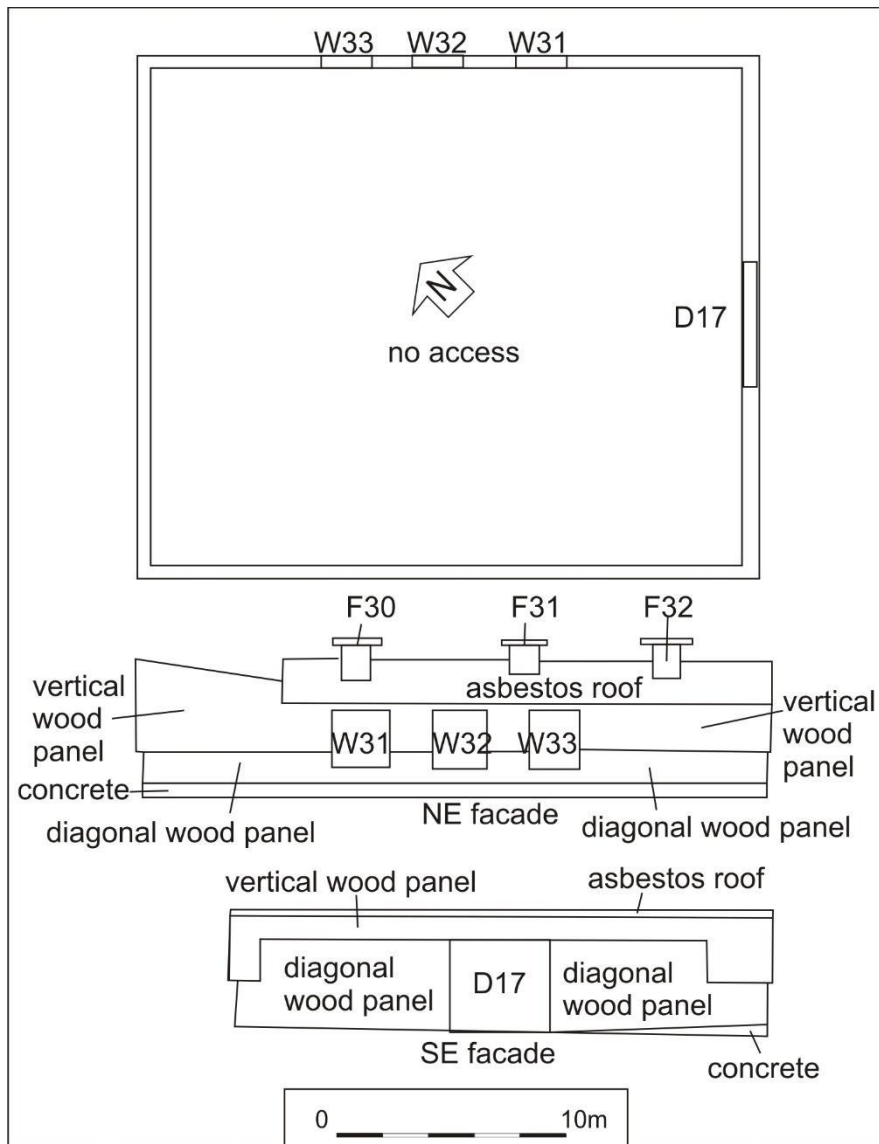


Illus 42 Building 9 interior showing wood slat construction, wood posts and asbestos roof; facing SW

3.11 BUILDING 10

Building 10 is 22.8m SW-NE and 27m NW-SE (Illus 43). It is of a similar construction to Building 7 with a concrete base and vertical wooden slats on the upper section of the walls

(Illus 44) and diagonal slats on the lower section of the walls. There was no access to the interior. There is a large door (D17) on the SE wall and a series of three windows (W31-33) on the NE wall with three wooden ventilators on the roof above (Illus 45). These were inaccessible, and the elevations have been drawn from photographs. The roof is of asbestos sheet roofing material.



Illus 43 Building 10 plan and elevations



Illus 44 Building 10 from the E; facing W



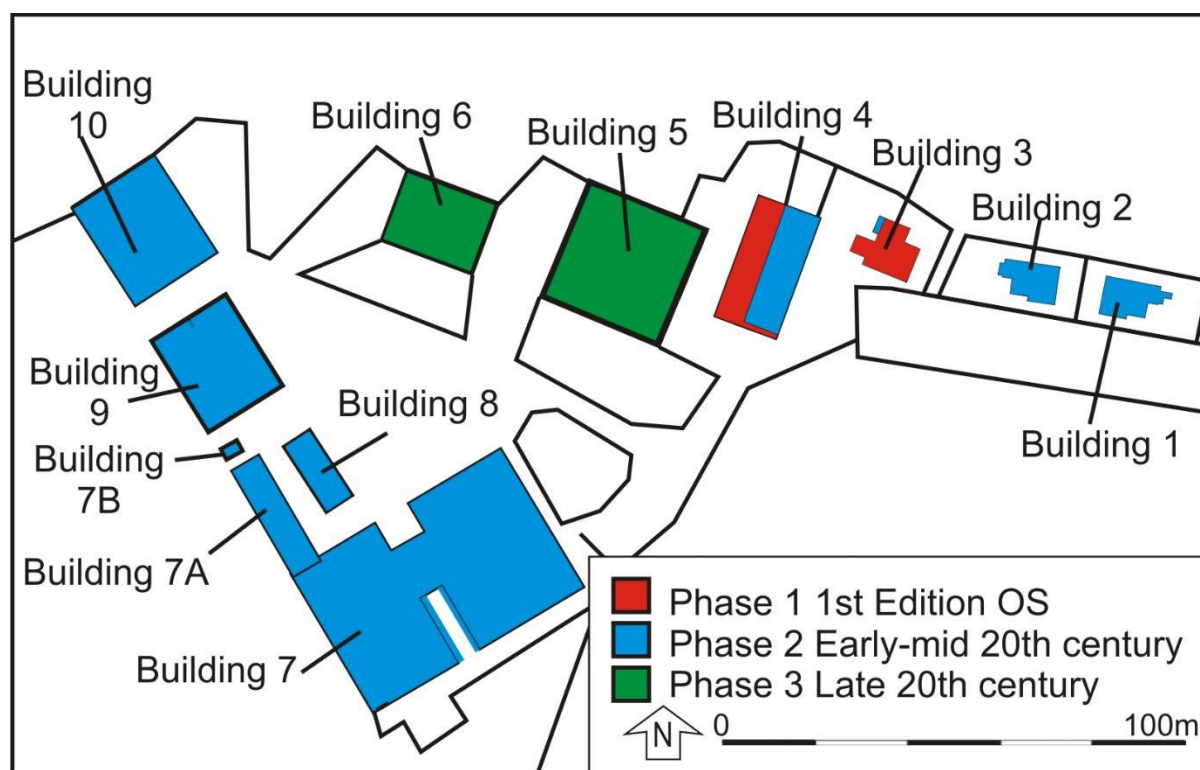
Illus 45 Building 10 NE wall with boarded up windows W31, W32, W33 and wooden vents above F30, F31, F32; facing SW

4 SUMMARY AND CONCLUSIONS

A level 2 standing building survey was carried out on 18-19 December 2017 by Alison Cameron and Alice Jaspars of Cameron Archaeology Ltd. Plans and elevations were hand-drawn and a full photographic survey carried out. Areas excluded were the interiors of Buildings 5, 6, 7 and 10 where there was no access.

The origins of the buildings are Eastside of Craibstone farmhouse (Building 3) which survives with small extensions and the SW and NW walls of a steading (Building 4) which has been partially rebuilt using stone for the former farm steading building. There is no trace of Woodside of Craibstone (Illus 49) which has been demolished. The cottages (Buildings 1 and 2) and Buildings 7-10 are probably early to mid-20th century in date; the foundations of Buildings 1 and 2 are constructed of Brownhills bricks not produced before 1937. Buildings 5 and 6 are the latest buildings dating to the latter half of the 20th century (Illus 46). The buildings were latterly used by the Rowett Institute.

An archaeological evaluation is required on the associated farmland prior to development but it is recommended that no further work is required prior to the demolition of Buildings 1-10.



Illus 46 Phase plan showing Phase 1 buildings present on the First edition OS map, Phase 2 early to mid 20th century and Phase 3 late 10th century survey (based on *Contains Ordnance Survey data* © Crown copyright and database right 2017)

5 REFERENCES

Douglas and Oglethorpe, G and M. 1993 *Brick, tile and fireclay industries in Scotland*. Edinburgh.

GUARD 2014 Appendix 4 – Cultural Heritage Gazeteer. EIA Environmental statement chapter

GUARD 2014 Chapter 13 – Cultural Heritage. EIA Environmental statement chapter

6 ACKNOWLEDGEMENTS

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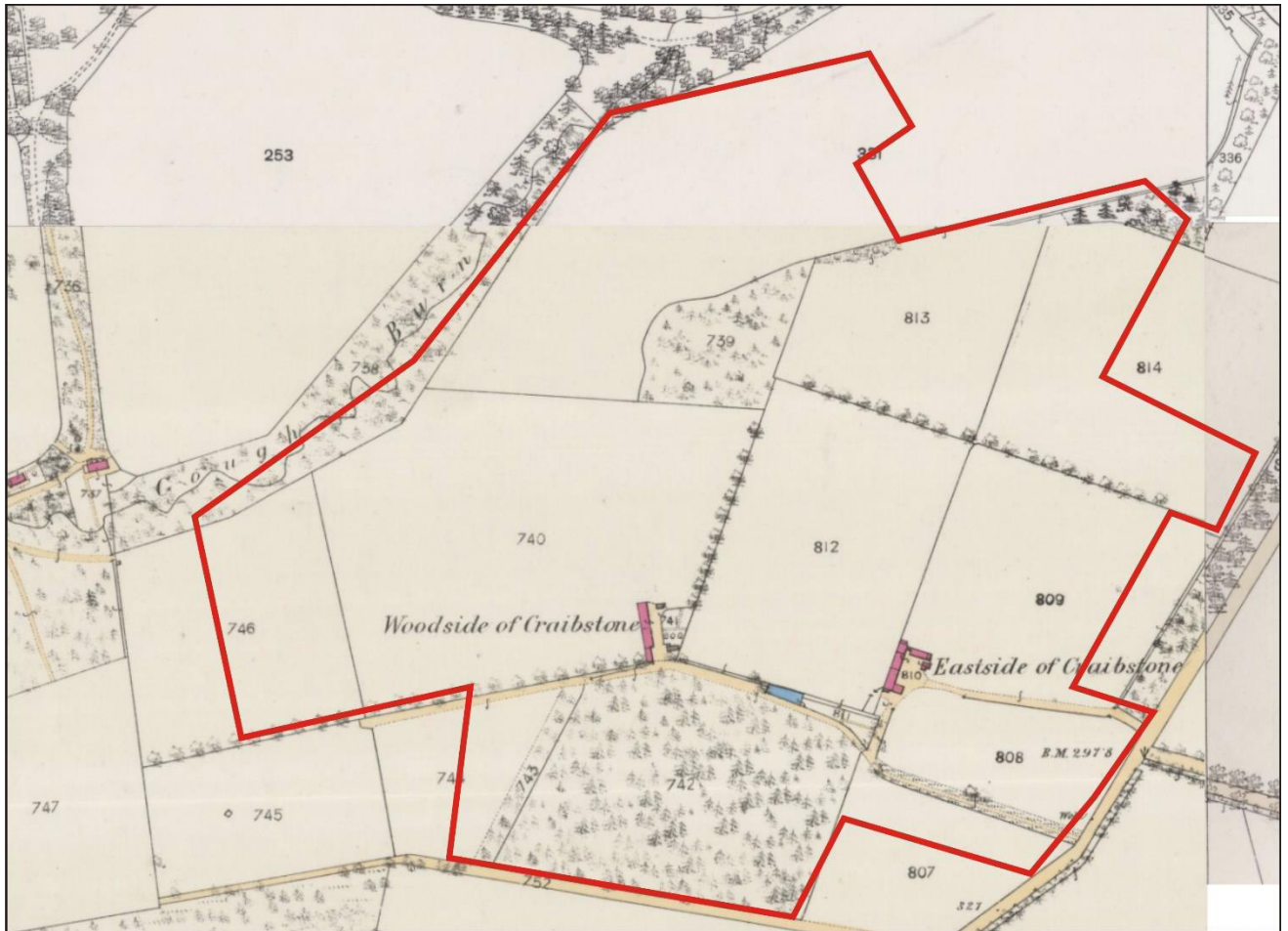
APPENDIX 1 MAPS



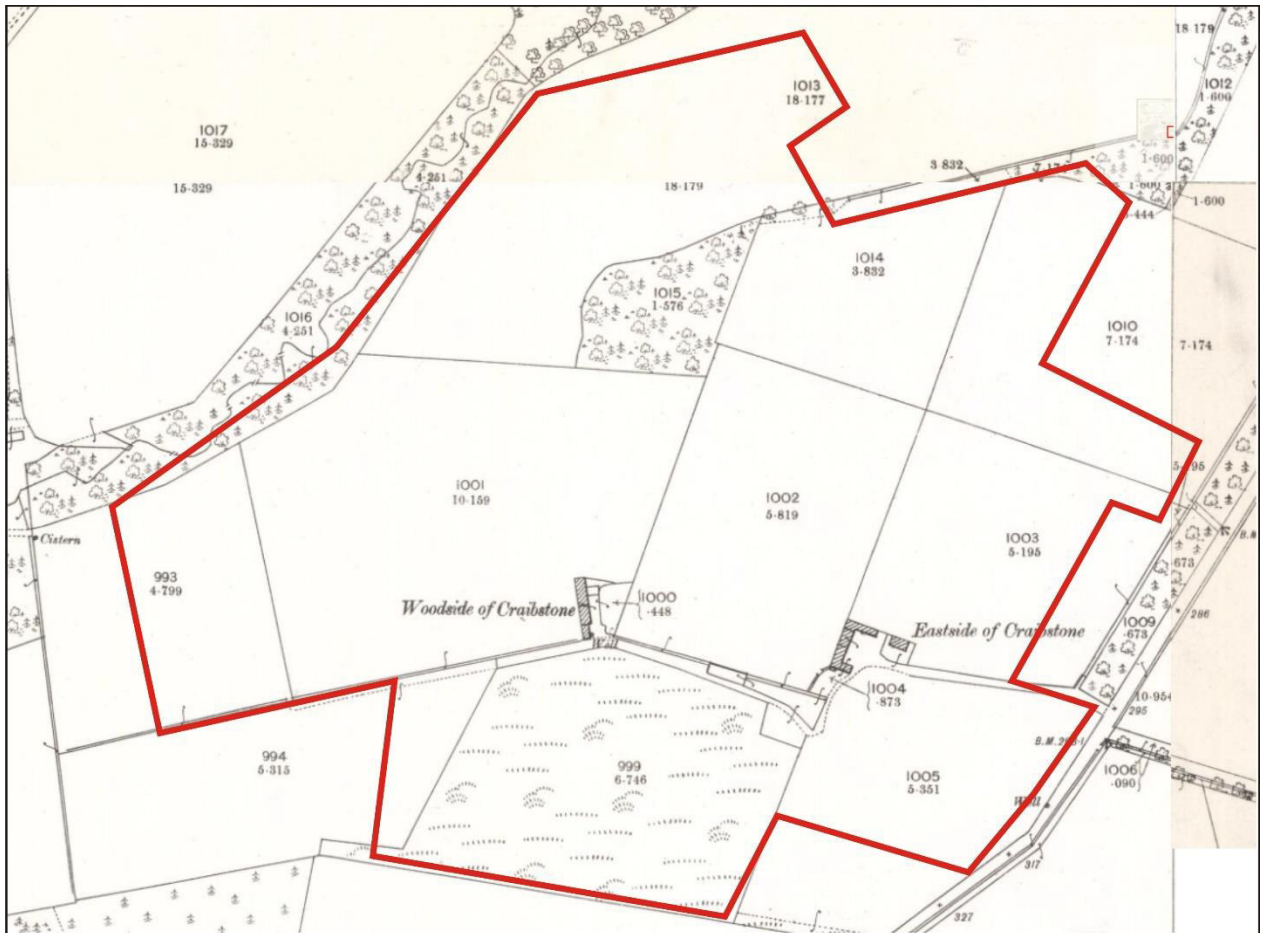
Illus 47 Gordon's Aberdeen, Banf [sic], Murrey [sic] &c. to Inverness 1636-52 showing 'Crabstone' (copyright National Library of Scotland).



Illus 48 Roy's Military Survey of Scotland, 1747-55 showing approximate area of site

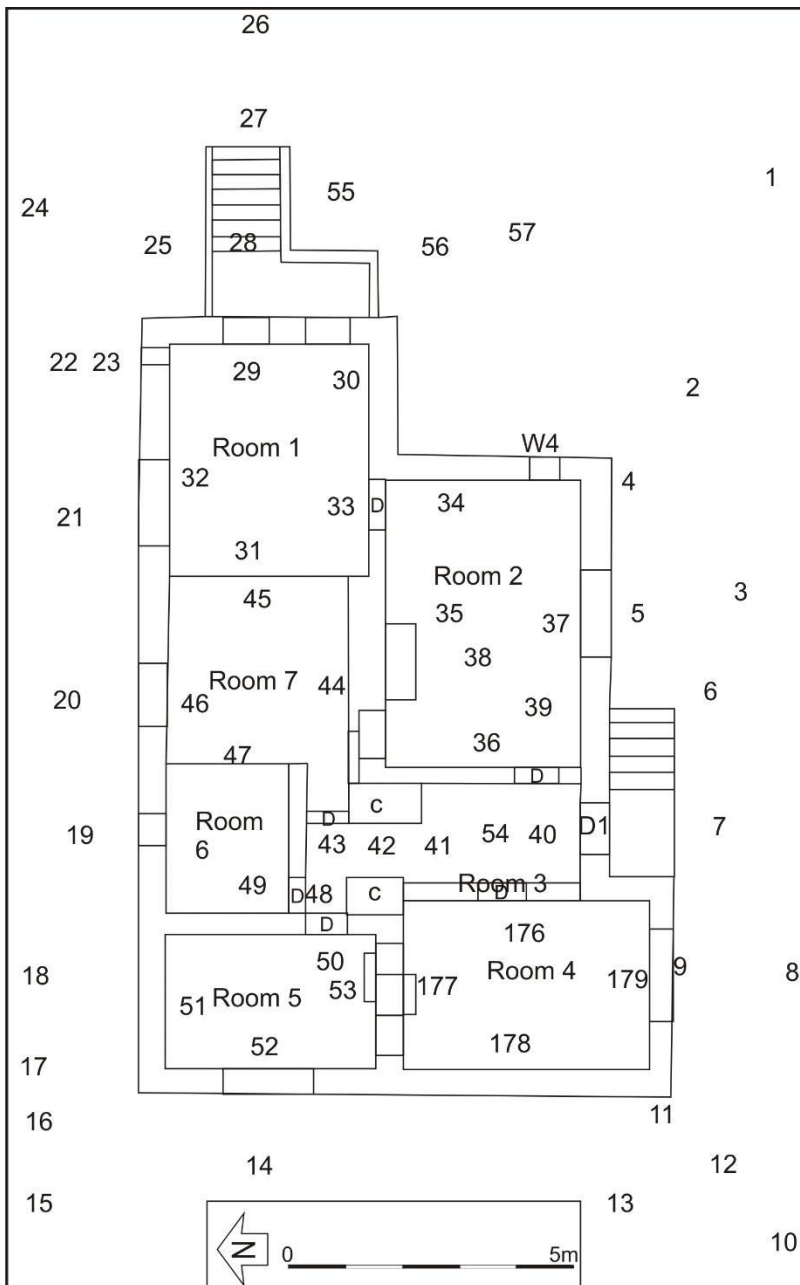


Illus 49 First Edition OS map showing site outline in red (*copyright National Library of Scotland*). Aberdeen Sheet LXXIV.4/ LXV.16/ LXXV.1/ LXVI.13 (Newhills)
Survey date: 1864 Publication date: 1869

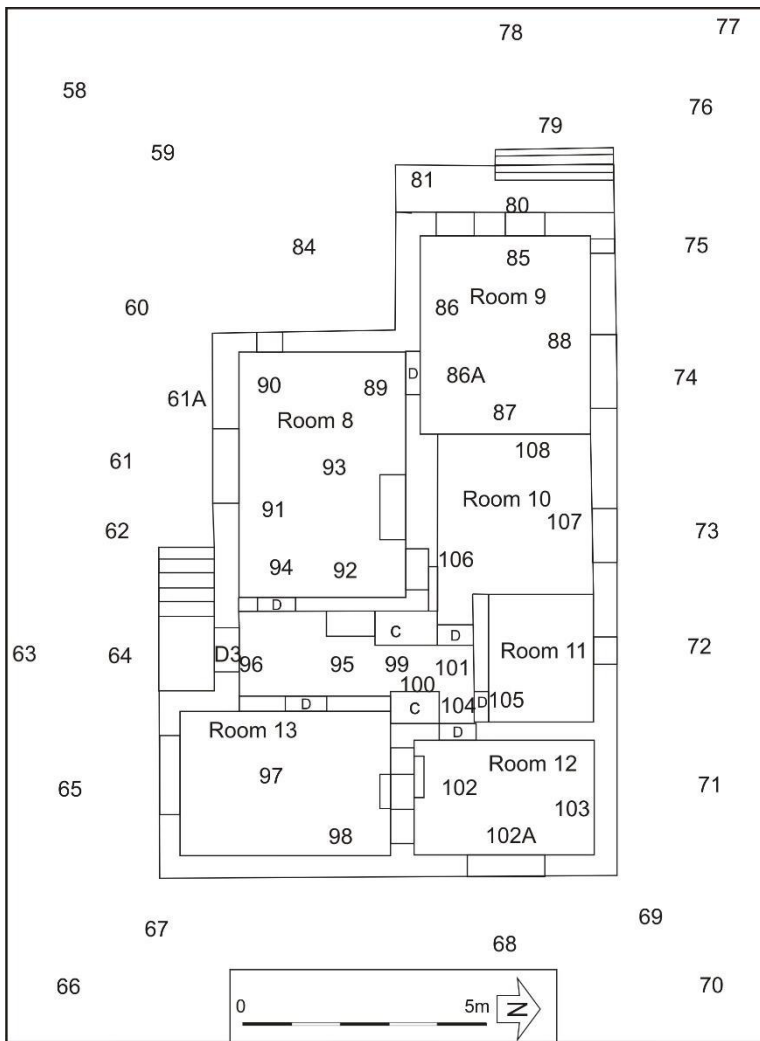


Illus 50 Second Edition OS map showing site outline in red (*copyright National Library of Scotland*). Aberdeenshire 074.04/065.16/066.13/075.01 (includes: Newhills)
 Publication date: 1901 Revised: 1899

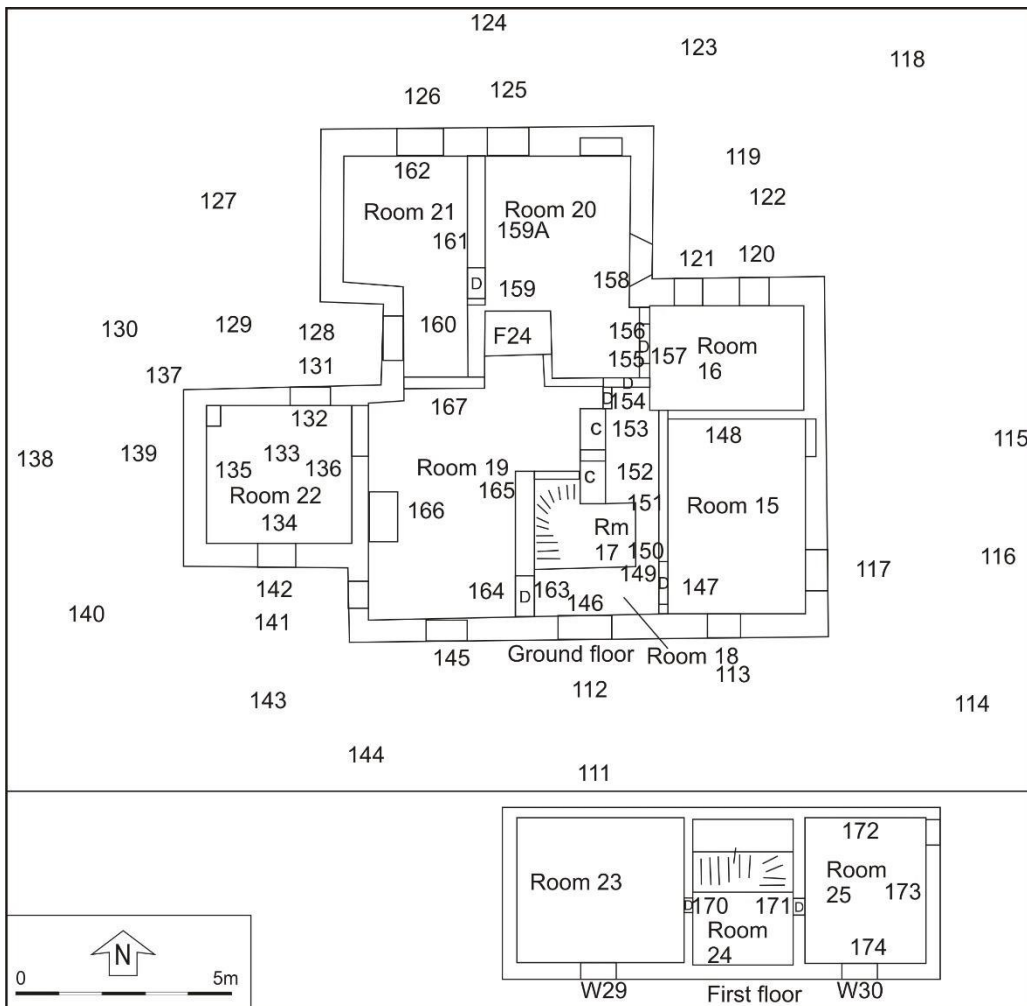
APPENDIX 2 PHOTOGRAPHS



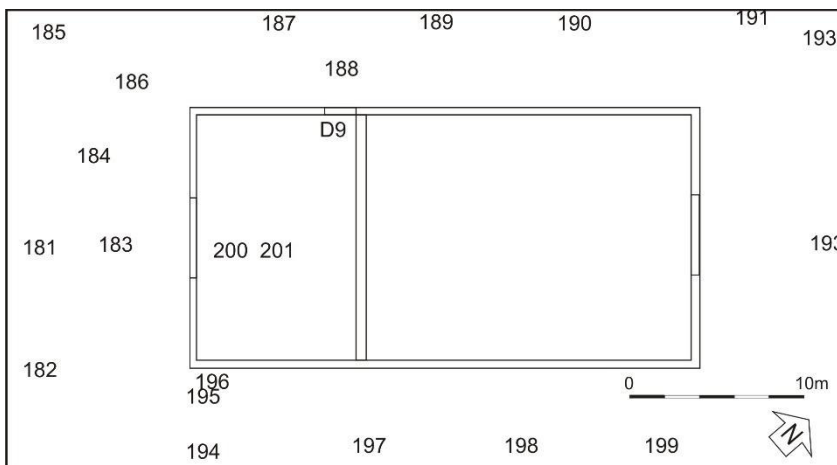
Illus 51 Building 1 camera points



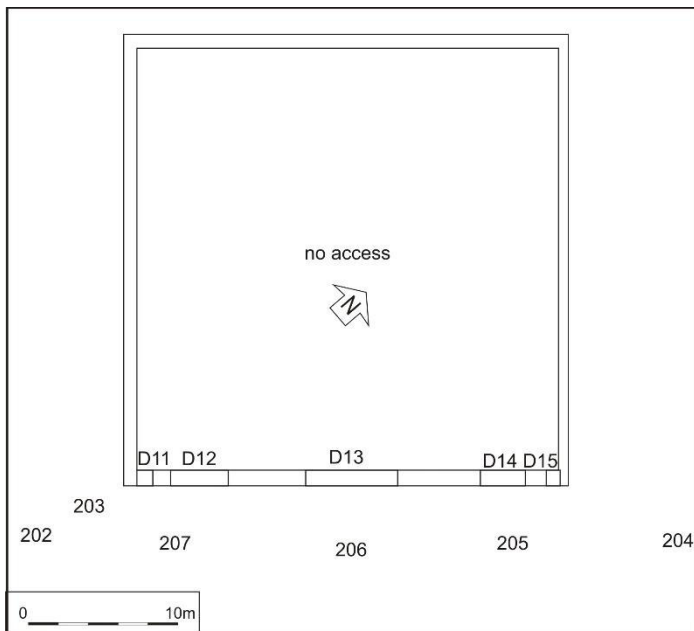
Illus 52 Building 2 camera points



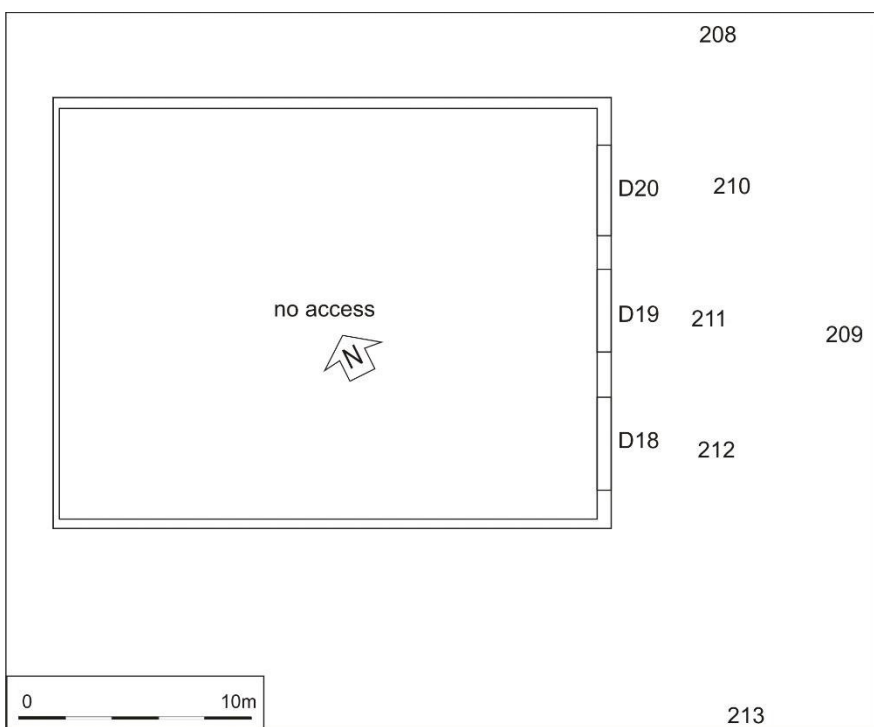
Illus 53 Building 3 camera points



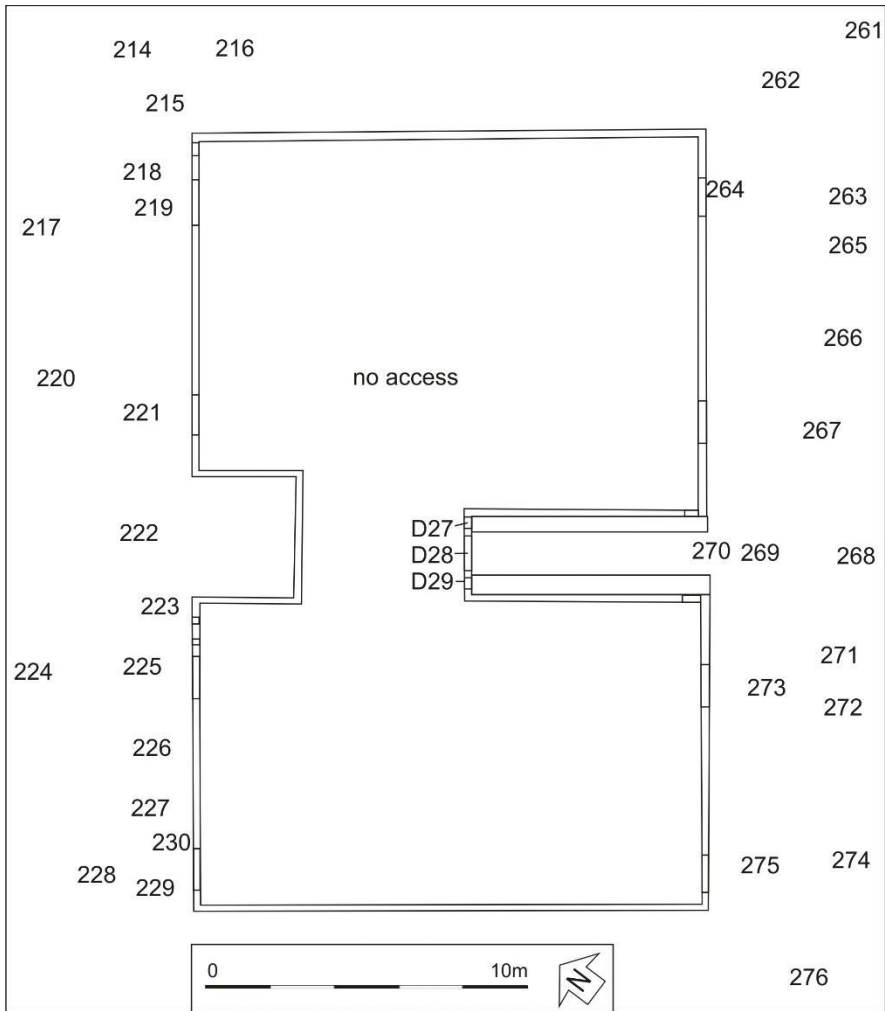
Illus 54 Building 4 camera points



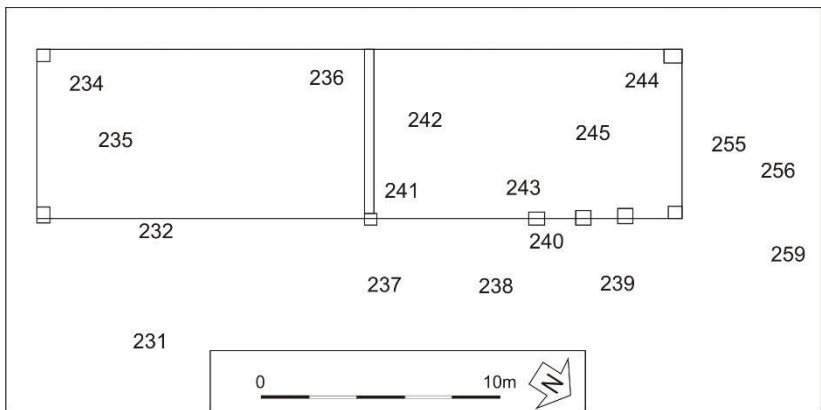
Illus 55 Building 5 camera points



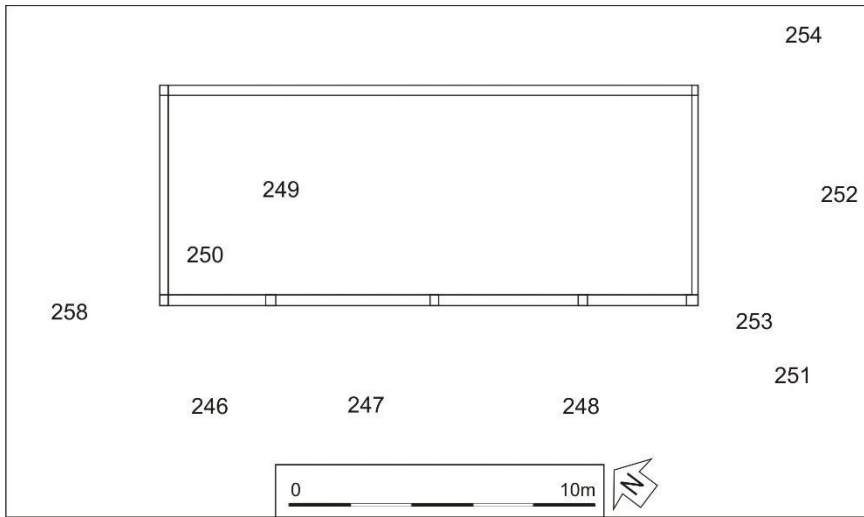
Illus 56 Building 6 camera points



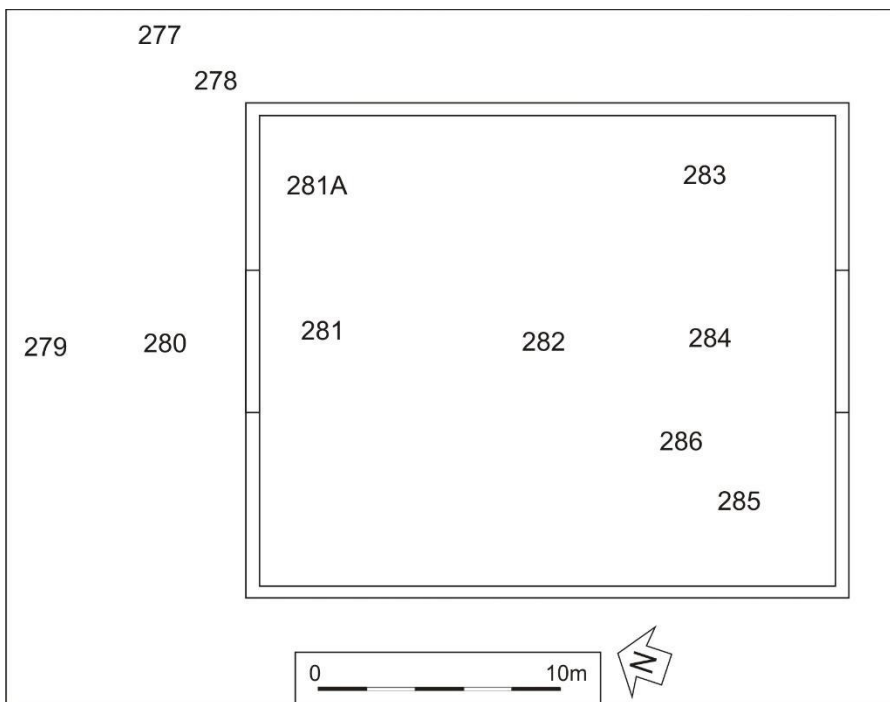
Illus 57 Building 7 camera points



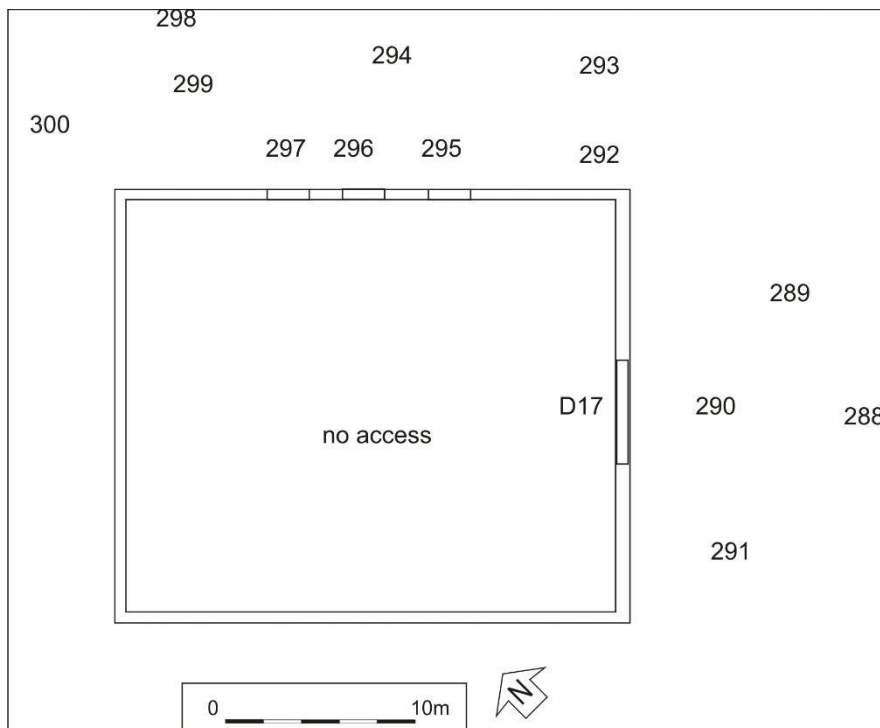
Illus 58 Building 7A camera points



Illus 59 Building 8 camera points



Illus 60 Building 9 camera points



Illus 61 Building 10 camera points

Photo no	Description	Facing	Camera point
DSC_5042	Building 1 3 Eastside Gardens	NW	1
DSC_5043	Building 1 S wall W3 (left) steps F2 (right)	N	2
DSC_5044	Building 1 S wall D1 (left) W3 (middle) steps F2 (right)	N	3
DSC_5045	Building 1 brick detail	N	4
DSC_5046	Building 1 W3	N	5
DSC_5047-8	Building 1 steps F1	NW	6
DSC_5049	Building 1 D1	N	7
DSC_5050	Building 1 roof	N	7
DSC_5051	Building 1 W2	N	8
DSC_5052	Building 1 W2	N	9
DSC_5053-55	Building 1 from SW	NW	10
DSC_5056	Building 1 Brownhill fireclay brick (like those used in house base course) Brownhill Brickworks, Newarthill, Wishaw c1937-1980	E	11
DSC_5057-8	Building 1 from SW	NW	10
DSC_5059	Building 1 W wall	NNE	10
DSC_5060	Building 1 W wall	NNE	13
DSC_5061-2	Building 1 W wall S end	E	13
DSC_5063	Building 1 W1	E	14
DSC_5064	Building 1 W1	ENE	14
DSC_5065	Building 1 from NW	SE	15
DSC_5066	Building 1	ESE	15
DSC_5067	Building 1	SSE	15
DSC_5068	Building 1 N wall	S	17
DSC_5069	Building 1 N wall	SSE	17
DSC_5070	Building 1 N wall W end	S	18

DSC_5071	Building 1 W9	S	19
DSC_5072	Building 1 W8	S	20
DSC_5073	Building 1 W7	S	21
DSC_5074	Building 1 W6 (vent - blocked internally)	S	22
DSC_5075	Building 1 W6 (vent - blocked internally)	S	23
DSC_5076	Building 1	SW	24
DSC_5077	Building 1 E wall stairs F2 (left)	W	25
DSC_5078	Building 1 F2	S	25
DSC_5079	Building 1 F2	S	25
DSC_5080	Building 1 E wall W4 (left) D2 with stairs F2 with plastic porch	W	26
DSC_5081	Building 1 E wall W4 (left) D2 with stairs F2 with plastic porch	W	26
DSC_5082	Building 1 D2 with stairs F2	W	27
DSC_5083	Building 1 D2	W	28
DSC_5084	Building 1 W5	SW	28
DSC_5085	Building 1 Room 1 W wall	W	29
DSC_5086	Building 1 Room 1 N wall W7 (left)	NNW	30
DSC_5087	Building 1 Room 1 E wall D2, W5	E	31
DSC_5088	Building 1 Room 1 S wall	S	32
DSC_5089	Building 1 Room 1 door to Room 2	S	33
DSC_5090	Building 1 Room 2 W wall	W	34
DSC_5091	Building 1 Room 2 S wall W3	SW	34
DSC_5092	Building 1 Room 2 S wall W3	S	35
DSC_5093	Building 1 Room 2 E wall W4	E	36
DSC_5094	Building 1 Room 2 N wall fireplace F7 (centre) alcove F8 (left)	NNW	37
DSC_5095	Building 1 Room 2 N wall fireplace F7 (centre) alcove F8 (left)	NNE	37
DSC_5096	Building 1 Room 2 F7	N	38
DSC_5097	Building 1 Room 2 F8	N	36
DSC_5098	Building 1 Room 2 door to Room 3 (hallway)	W	39
DSC_5099	Building 1 Room 3 door to Room 4	E	176
DSC_5100	Building 1 Room 4 W wall	W	176
DSC_5101	Building 1 Room 4 N wall chimney breast (fireplace) F5 (centre) alcove F6 (right)	N	179
DSC_5102	Building 1 Room 4 E wall	E	178
DSC_5103	Building 1 Room 4	S	177
DSC_5104	Building 1 Room 4 door to hallway and Room 2	E	176
DSC_5105	Building 1 Room 3	N	40
DSC_5106-7	Building 1 Room 3 cupboards	NE	41
DSC_5108-9	Building 1 Room 3 cupboards	NW	41
DSC_5110	Building 1 Room 7 N wall	N	42
DSC_5111	Building 1 Room 3 door to Room 7	E	43
DSC_5112	Building 1 Room 7 N wall W8	N	44
DSC_5113	Building 1 Room 7 W wall	W	45
DSC_5114	Building 1 Room 7 S wall	S	46
DSC_5115	Building 1 Room 7 corridor to Room 5	W	44
DSC_5116	Building 1 Room 6	N	48
DSC_5117	Building 1 Room 6	N	49
DSC_5118	Building 1 Room 6	ENE	49
DSC_5119	Building 1 door to Room 5	W	48

DSC_5120	Building 1 Room 5 W wall W1	WNW	50
DSC_5121	Building 1 Room 5 S wall chimney breast F3 (left) alcove F4 (right)	S	51
DSC_5122	Building 1 Room 5 E wall	E	52
DSC_5123	Building 1 Room 3 D1	S	43
DSC_5124	Building 1 Room 3 D1	S	54
DSC_5125	Building 1 W5 (top left) D2 (top right) steps F2	W	55
DSC_5126	Building 1 steps F2	N	56
DSC_5127	Building 1 W5 (top left) D2 (top right) steps F2	NW	57
DSC_5128	Building 1 E wall W4 (left) W5 (right)	W	57
DSC_5129	Building 1 E wall W4 (left) W5 (right)	W	57
DSC_5130	Building 2 (left) Building 1 (right)	NE	58
DSC_5131	Building 2 SW corner	NE	59
DSC_5132	Building 2	N	60
DSC_5133	Building 2 S wall W11	N	61
DSC_5134	Building 2 S wall W11	N	61
DSC_5135	Building 2 S wall W11	NNE	61A
DSC_5136	Building 2 steps F10	ENE	61
DSC_5137	Building 2 steps F10	ENE	61
DSC_5138	Building 2 steps F10 W11 (top left) D3 (right)	N	63
DSC_5139	Building 2 D3	N	64
DSC_5140	Building 2 D3	NNW	64
DSC_5141	Building 2 S wall W12	N	65
DSC_5142	Building 2 S wall W12	N	65
DSC_5143	Building 2 SW corner	NW	66
DSC_5144	Building 2 S wall	WNW	66
DSC_5145	Building 2 E wall	NNW	67
DSC_5146	Building 2 E wall	NNW	67
DSC_5147	Building 2 E wall	NNW	67
DSC_5148	Building 2 E wall	NNW	67
DSC_5149	Building 2 E wall W10	W	68
DSC_5150	Building 2 E wall W10 with roof and chimney above	WSW	68
DSC_5151	Building 2 E wall	S	69
DSC_5152	Building 2 NE corner	SW	70
DSC_5153	Building 2 NE corner	SW	70
DSC_5154	Building 2 NE corner	SW	70
DSC_5155	Building 2 N wall	S	71
DSC_5156	Building 2 W15	S	72
DSC_5157	Building 2 W16	S	73
DSC_5158	Building 2 N wall	SE	73
DSC_5159	Building 2 N wall	SE	73
DSC_5160	Building 2 N wall	SW	73
DSC_5161	Building 2 W17	S	74
DSC_5162	Building 2 W18	S	75
DSC_5163	Building 2 N wall	ESE	75
DSC_5164	Building 2 N wall	ESE	76
DSC_5165	Building 2 W wall steps F9	SSE	76
DSC_5166	Building 2 W wall steps F9, D4, W13 (right)	E	78
DSC_5167	Building 2 W wall steps F9, D4, W13 (right)	E	79

DSC_5168	Building 2 D4	E	80
DSC_5169	Building 2 D4	E	80
DSC_5170	Building 2 W13		81
DSC_5171	Building 2A wood shed		82
DSC_5172	Building 2		83
DSC_5173	Building 2C concrete shed		
DSC_5174	Building 2	NE	84
DSC_5175	Building 2	N	60
DSC_5176	Building 2 W14	E	84
DSC_5177	Building 2 W14	ENE	84
DSC_5178	Building 2 Room 9 E wall	E	85
DSC_5179	Building 2 Room 9 E wall	E	85
DSC_5180	Building 2 Room 9 N wall W17	NE	86
DSC_5181	Building 2 Room 9 S wall	SSE	88
DSC_5182	Building 2 Room 9 W wall W13 D4	W	87
DSC_5183	Building 2 Room 9 door to Room 8	S	86A
DSC_5184	Building 2 Room 8 S wall W11	SE	89
DSC_5185	Building 2 Room 8 E wall alcove F16 (left)	E	90
DSC_5186	Building 2 Room 8 N wall fireplace F15 (centre) alcove F16 (right)	N	91
DSC_5187	Building 2 Room 8 W wall W14	W	92
DSC_5188	Building 2 Room 8 W wall W14	W	92
DSC_5189	Building 2 Room 8 W14	W	90
DSC_5190	Building 2 Room 8 W11	S	93
DSC_5191	Building 2 Room 8 E wall alcove F16 (left)	E	93
DSC_5192	Building 2 Room 8 E wall alcove F16 (left)	E	94
DSC_5194	Building 2 Room 14 D3	S	95
DSC_5195	Building 2 Room 14	N	95
DSC_5196	Building 2 Room 14 door to Room 13	ENE	96
DSC_5197	Building 2 Room 13 W12	S	97
DSC_5198	Building 2 Room 13 W12	S	97
DSC_5199	Building 2 Room 13 W wall	W	98
DSC_5200	Building 2 Room 13 W wall	W	98
DSC_5201	Building 2 Room 13 N wall chimney breast F13 (centre) alcove F14 (left)	N	97
DSC_5202	Building 2 Room 14	N	96
DSC_5203	Building 2 Room 14 cupboards	NW	99
DSC_5204	Building 2 Room 14 cupboards	NW	99
DSC_5205	Building 2 Room 13	NE	100
DSC_5206	Building 2 Room 13	NE	100
DSC_5207	Building 2 Room 13	NE	100
DSC_5208	Building 2 Room 13	NE	100
DSC_5209	Building 2 Room 10	W	101
DSC_5210	Building 2 Room 10 N wall W16	N	106
DSC_5211	Building 2 Room 10 E wall	E	108
DSC_5212	Building 2 Room 10 S wall	S	107
DSC_5213	Building 2 Room 10	SE	107
DSC_5214	Building 2	E	106
DSC_5215	Building 2 door to Room 11 bathroom	NNE	104

DSC_5216	Building 2 door to Room 11 bathroom	N	105
DSC_5217	Building 2 door to Room 11 bathroom	NW	105
DSC_5218	Building 2 door to Room 12	E	104
DSC_5219	Building 2 Room 12 E wall W10	ENE	102
DSC_5220	Building 2 Room 12 S wall chimney breast F12 and alcove F11 (left)	S	103
DSC_5221	Building 2 Room 12 W wall	WSW	102A
DSC_5222	Building 2 Room 12 W wall	WSW	102A
DSC_5223	Building 2 Room 12 hatch to loft	W	104
DSC_5224	Building 3 front S façade	N	109
DSC_5225	Building 3 front S façade	N	110
DSC_5226	Building 3 front S façade S wall and gate	NE	110
DSC_5227	Building 3 front S façade S wall and gate	NW	110
DSC_5228	Building 3 front S façade	N	111
DSC_5229	Building 3 D1	N	112
DSC_5232	Building 3 W25 with W30 above	N	113
DSC_5233	Building 3 SE corner	NW	114
DSC_5234	Building 3 E gable	W	115
DSC_5235	Building 3 E gable with chimney F21	W	115
DSC_5236	Building 3 W26	W	117
DSC_5237	Building 3 Chimney F21	NW	116
DSC_5238	Building 3 from NE	SW	118
DSC_5239	Building 3 W19 (left) W20 (centre) W27 (right)	S	119
DSC_5240	Building 3 W19 (left) W20 (centre) W27 (right)	S	119
DSC_5241	Building 3 W19 (left) W20 (centre) W27 (right)	S	120
DSC_5242	Building 3 W20	S	121
DSC_5243	Building 3 W27	W	121
DSC_5244	Building 3 W27	W	121
DSC_5245	Building 3 W27	W	120
DSC_5246	Building 3	SSW	123
DSC_5247	Building 3	SW	123
DSC_5248	Building 3 W19 (left) W20 (centre) W27 (right)	S	123
DSC_5249	Building 3 N gable W21 (right) chimney F20 (top)	S	124
DSC_5250	Building 3 W21 with granite jambs and lintel and extension with concrete W22	SSW	124
DSC_5251	Building 3 W21 with granite jambs and lintel	S	125
DSC_5252	Building 3 W22	S	126
DSC_5253	Building 3 W façade	E	127
DSC_5254	Building 3	ESE	127
DSC_5255	Building 3 W façade D5 (centre)	E	127
DSC_5256	Building 3 D5	E	128
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DSC_5258	Building 3 workshop N wall D6 and chimney F19	SSE	129
DSC_5259	Building 3 workshop N wall D6 and chimney F19	SSE	129
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DSC_5261	Building 3 Room 22 concrete floor	S	132
DSC_5262	Building 3 Room 22 concrete floor	S	132
DSC_5263	Building 3 Room 22 S wall W23	S	133

DSC_5264	Building 3 Room 22 S wall W23 and roof	S	133
DSC_5265	Building 3 W wall with chimney F22 (right)	W	136
DSC_5266	Building 3 W wall with chimney F22 (right)	W	136
DSC_5267	Building 3 Room 22 roof and skylight	W	136
DSC_5268	Building 3 Room 22 roof and skylight	W	136
DSC_5269	Building 3 Room 22 N wall D6	N	134
DSC_5270	Building 3 Room 22 N wall D6	N	134
DSC_5271	Building 3 Room 22 E wall	E	135
DSC_5272	Building 3 Room 22 E wall	E	135
DSC_5273	Building 3 Room 22 E wall and roof	E	135
DSC_5274	Building 3 Room 22 NW corner with chimney F19 above	SE	130
DSC_5275	Building 3 F19	SE	137
DSC_5276	Building 3 W façade	E	138
DSC_5277	Building 3 Room 22 W wall with gable behind	E	139
DSC_5278	Building 3 Room 22 W wall with gable behind	E	139
DSC_5279	Building 3 from SW	NE	140
DSC_5280	Building 3 from SW	NE	140
DSC_5281	Building 3 from SW	NE	140
DSC_5282	Building 3 Room 22 S wall W23	N	143
DSC_5283	Building 3 Room 22 S wall W23	N	141
DSC_5284	Building 3 W28	E	142
DSC_5285	Building 3 W28	E	142
DSC_5286	Building 3 wall above W28 and W gable	ENE	142
DSC_5287	Building 3 S frontage W23 (left) W24, D7 (right)	N	144
DSC_5288	Building 3 S frontage W23 (left) W24, D7 (right)	N	144
DSC_5289	Building 3 F20	NNW	145
DSC_5290	Building 3 W24 (below) W29 (above)	N	145
DSC_5291	Building 3 Room 18 door to Room 15	NE	146
DSC_5292	Building 3 Room 15 E wall F27 (left) W26 (right)	ENE	147
DSC_5293	Building 3 Room 15 E wall F27 (left) W26 (right)	NE	147
DSC_5294	Building 3 Room 15 S wall W25	S	148
DSC_5295	Building 3 Room 18	NE	146
DSC_5296	Building 3 Room 18	N	149
DSC_5297	Building 3 Room 18 under stairs	NW	150
DSC_5298	Building 3 Room 18 cupboards	NW	151
DSC_5299	Building 3 Room 18 cupboards	NW	151
DSC_5300	Building 3 Room 18	W	152
DSC_5301	Building 3 Room 18	W	152
DSC_5302	Building 3 Room 18	W	153
DSC_5303	Building 3 Room 18	W	153
DSC_5304	Building 3 Room 18 door to Room 20	N	153
DSC_5305	Building 3 Room 20 N wall W21 (left) F25 (right)	NNW	155
DSC_5306	Building 3 Room 20 E wall W27	ENE	159
DSC_5307	Building 3 Room 20 E wall W27	E	159A
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DSC_5312	Building 3 Room 20 door to Room 21	W	158
DSC_5313	Building 3 Room 20 F24	SW	159
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DSC_5317	Building 3 Room 21 S wall	S	162
DSC_5318	Building 3 Room 21 S wall and sloping ceiling	S	162
DSC_5319	Building 3 Room 21 D5	SW	160
DSC_5320	Building 3 Room 22 door from Room 18 to Room 22	W	146
DSC_5321	Building 3 Room 22 W wall W28 (left) fireplace F22 (centre) alcove F23 (right)	WNW	164
DSC_5322	Building 3 Room 22 W wall W28 (left) fireplace F22 (centre) alcove F23 (right)	W	165
DSC_5323	Building 3 Room 22 F22	W	166
DSC_5324	Building 3 Room 22 S wall W24	S	167
DSC_5325	Building 3 Room 22 E wall alcove under stairs (F26 right)	E	167
DSC_5326	Building 3 Room 22 door to Room 18	E	164
DSC_5327	Building 3 Room 17 stairs F26	N	163
DSC_5328	Building 3 Room 17 stairs F26	NE	168
DSC_5329	Building 3 Room 17 stairs F26	E	169
DSC_5330	Building 3 Room 17 stairs F26	N	170
DSC_5331	Building 3 Room 24 top of stairs	N	170
DSC_5332	Building 3 Room 24 skylight	N	170
DSC_5333	Building 3 Room 24 door to Room 25	E	170
DSC_5334	Building 3 Room 24 door to Room 23	E	171
DSC_5335	Building 3 Room 23 S wall W30	S	172
DSC_5336	Building 3 Room 23 S wall W30	S	172
DSC_5337	Building 3 Room 23 W wall	W	173
DSC_5338	Building 3 Room 23 W wall	W	173
DSC_5339	Building 3 Room 23 W wall	WSW	173
DSC_5340	Building 3 Room 23 N wall	N	174
DSC_5341	Building 3 Room 23 E wall alcove F28	ENE	171
DSC_5342	Building 3 Room 23 E wall	ESE	171
DSC_5346	Building 3 stairs F26	W	171
DSC_5347	Building 3 stairs F26	W	170
DSC_5348	Building 3 Door to room 23	W	171
DSC_5349	Building 4 SW wall with D8	NE	181
DSC_5350	Building 5 SE wall	NW	181
DSC_5351	Buildings 7, 8, 9, 10	SW	181
DSC_5352	Buildings 7, 8, 9, 10	SSW	181
DSC_5353	Building 4 SW wall with D8 (left)	NE	182
DSC_5354	Building 4 SW wall with D8	NE	193
DSC_5355	Building 4 SW wall with D8 (right)	NE	184
DSC_5356	Building 4 NW wall granite with D8 (right) and D9 (left)	E	185
DSC_5357	Building 4 SW corner	E	186
DSC_5358	Building 4 NW wall D9	SE	187
DSC_5359	Building 4 D9	SE	188
DSC_5360	Building 4 NW wall	SE	189

DSC_5361	Building 4 NW wall	S	189
DSC_5362	Building 4 NW wall	SE	190
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DSC_5364	Building 4 NW corner	S	191
DSC_5365	Building 4 NE wall with D10	SW	193
DSC_5366	Building 5 SE and NE walls	WSW	193
DSC_5367	Building 4 SE wall showing granite reused in façade	NW	195
DSC_5368	Building 4 SE wall showing granite reused in façade	W	196
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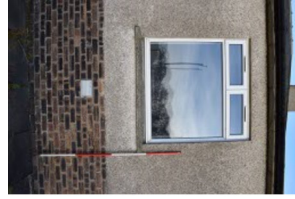
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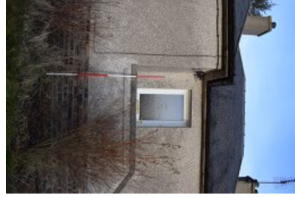
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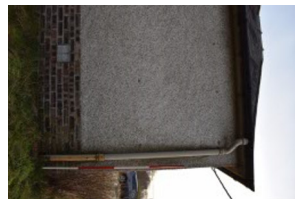
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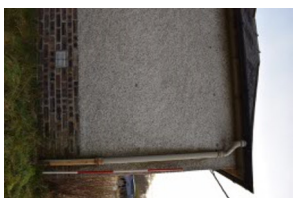
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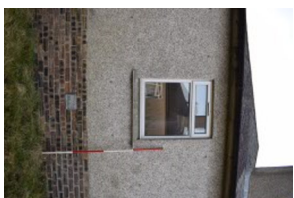
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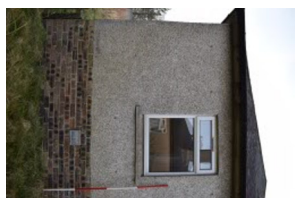
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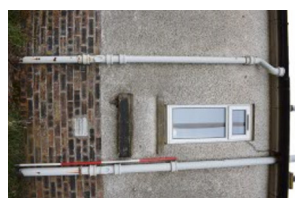
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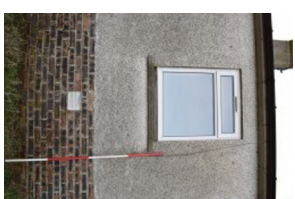
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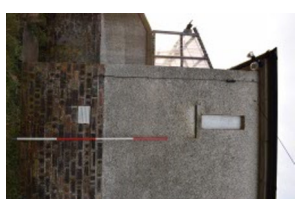
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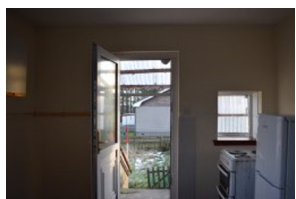
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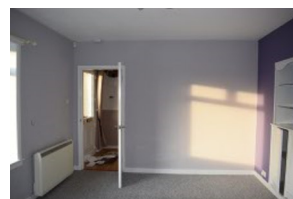
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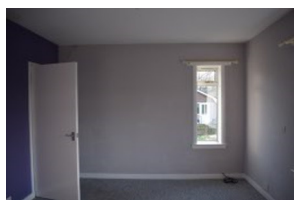
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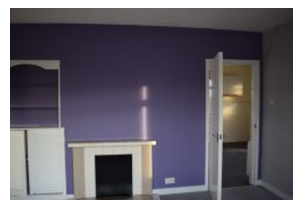
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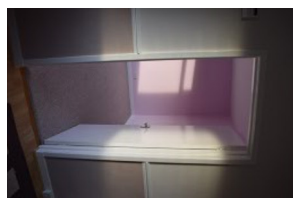
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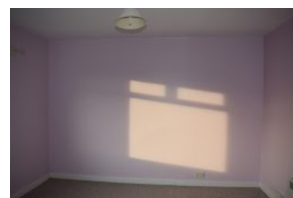
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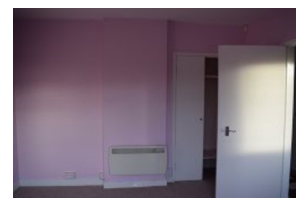
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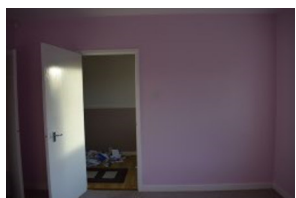
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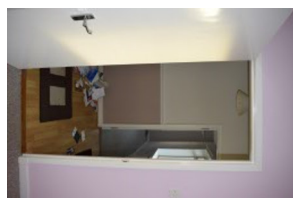
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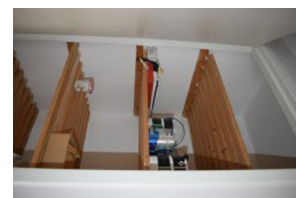
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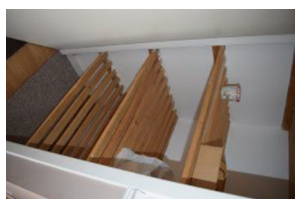
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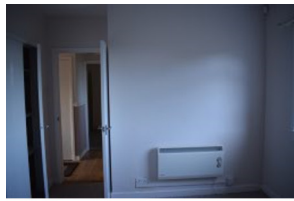
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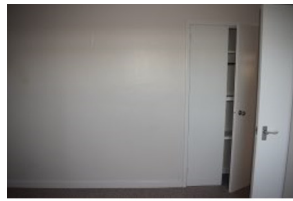
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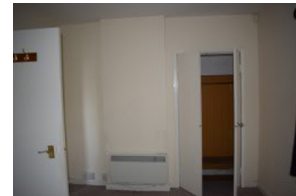
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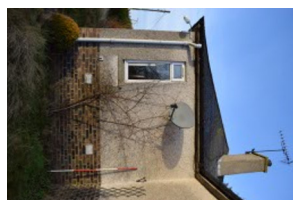
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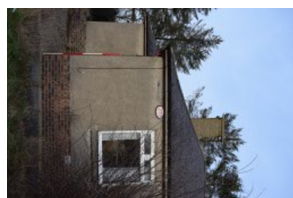
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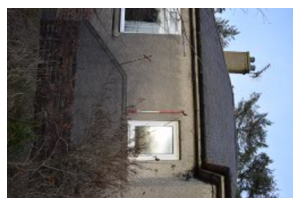
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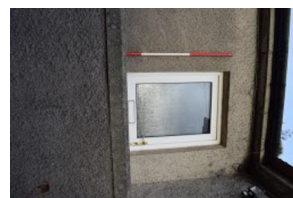
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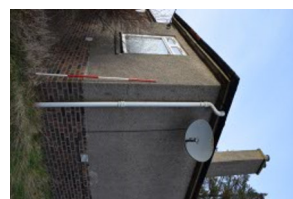
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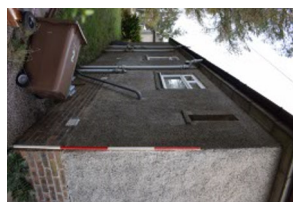
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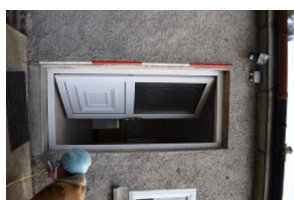
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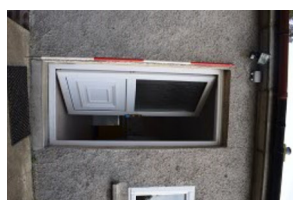
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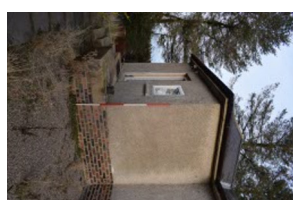
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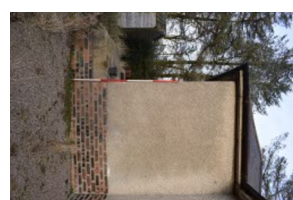
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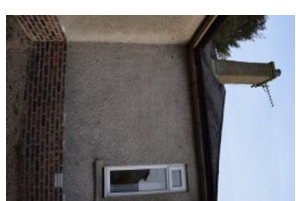
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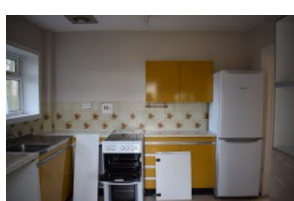
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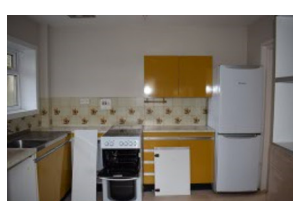
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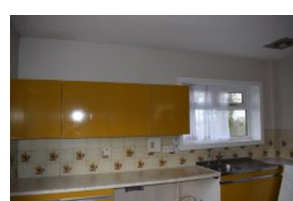
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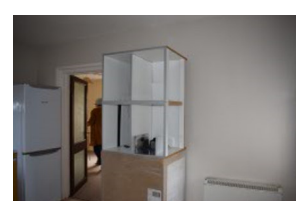
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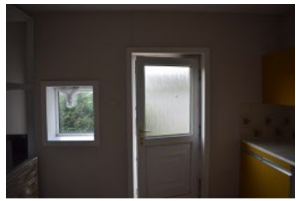
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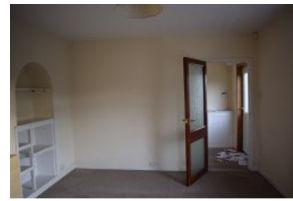
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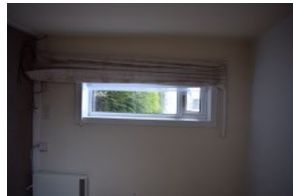
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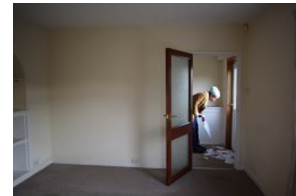
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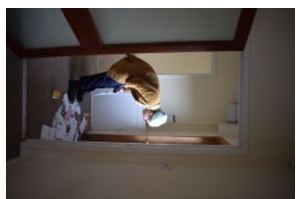
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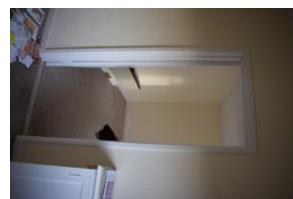
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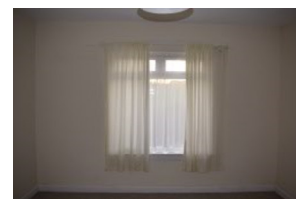
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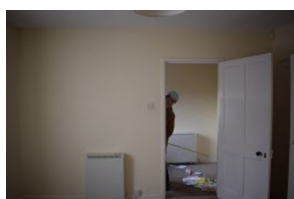
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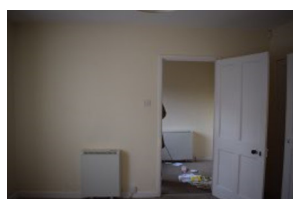
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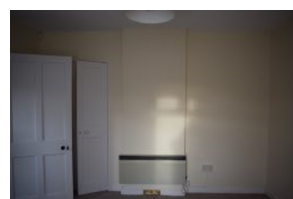
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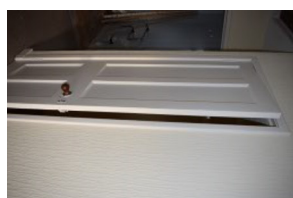
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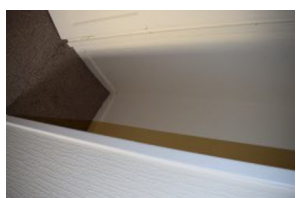
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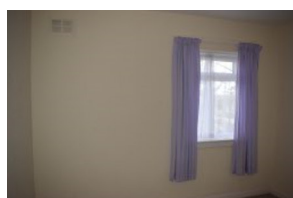
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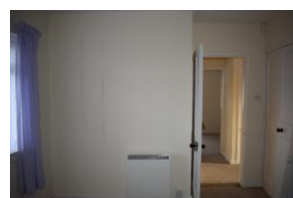
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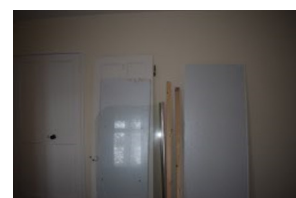
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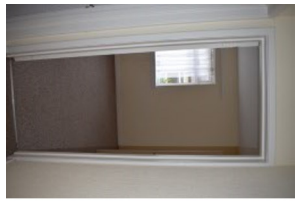
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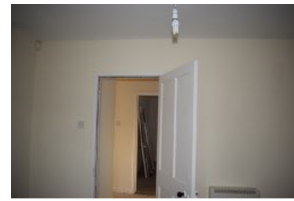
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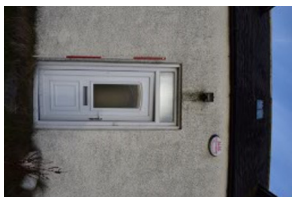
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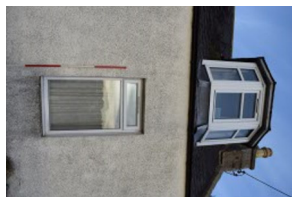
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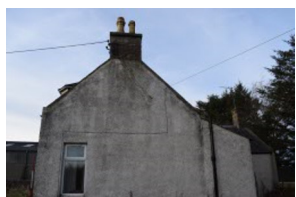
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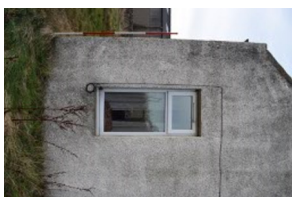
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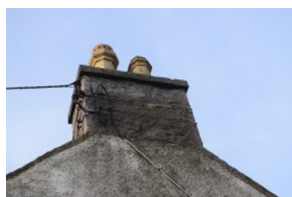
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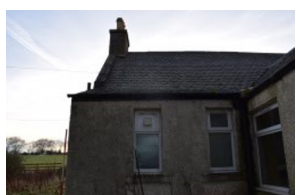
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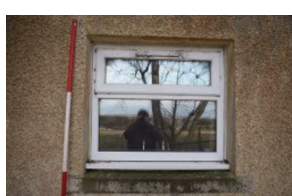
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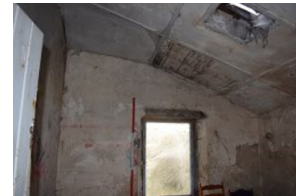
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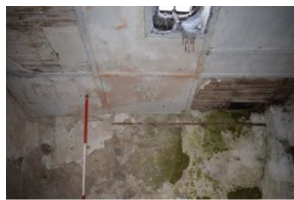
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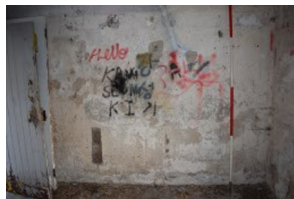
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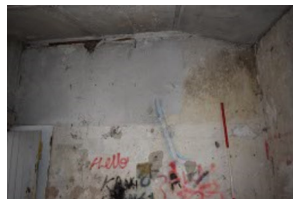
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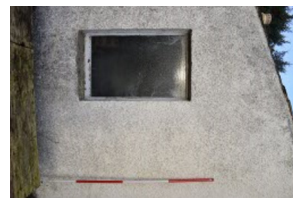
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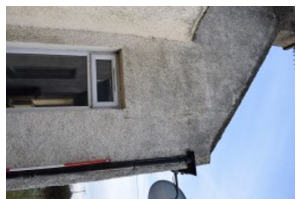
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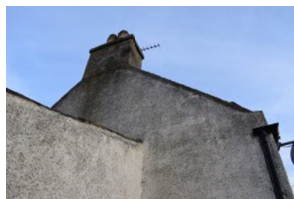
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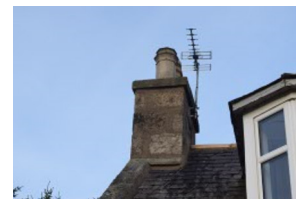
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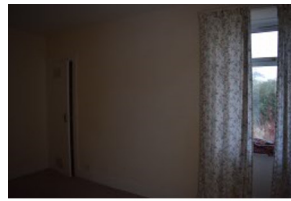
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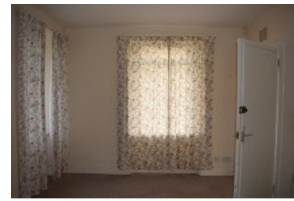
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DSC_5298.JPG



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DSC_5300.JPG



DSC_5301.JPG



DSC_5302.JPG



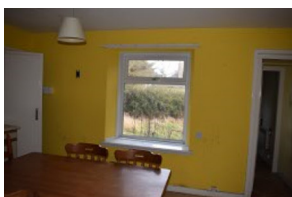
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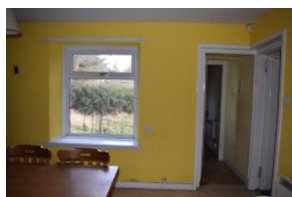
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DSC_5306.JPG



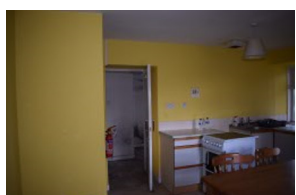
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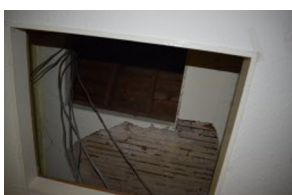
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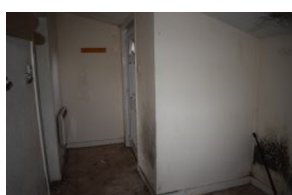
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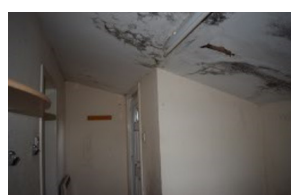
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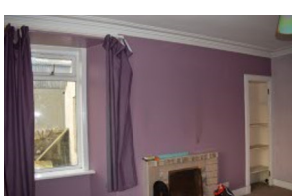
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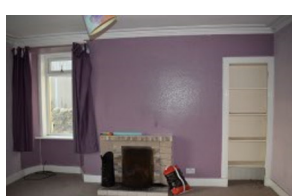
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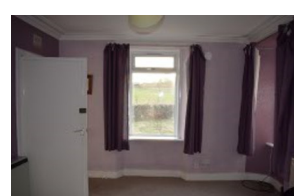
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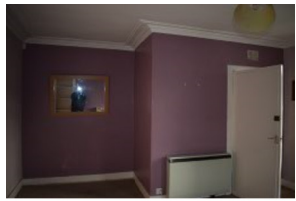
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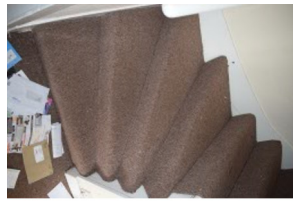
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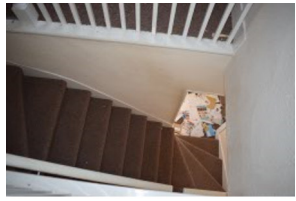
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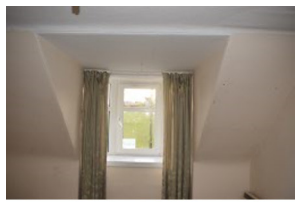
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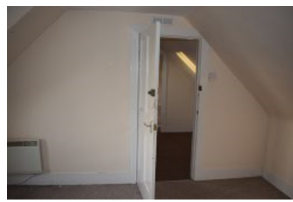
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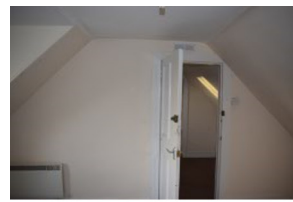
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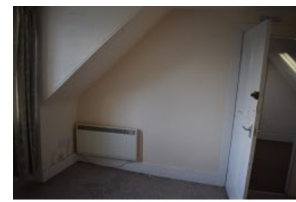
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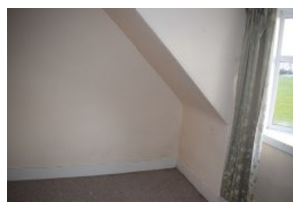
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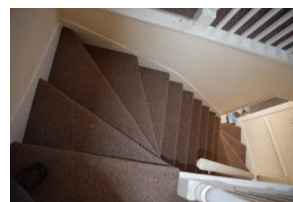
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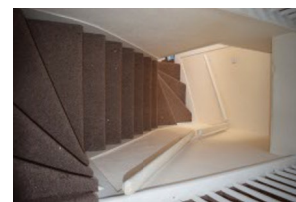
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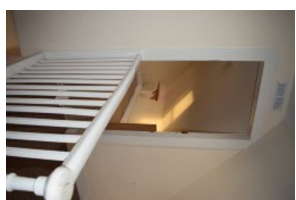
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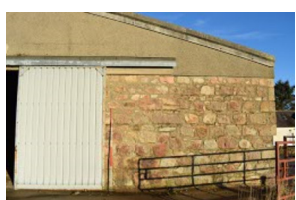
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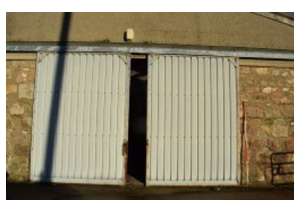
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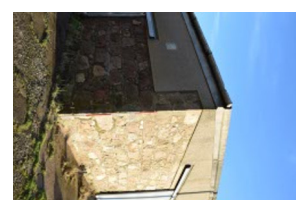
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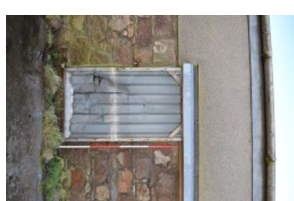
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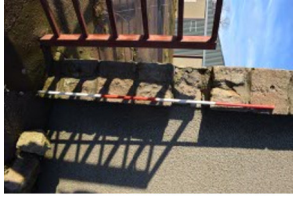
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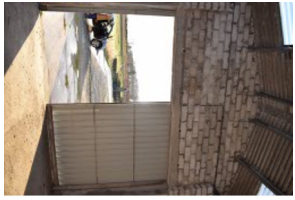
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DSC_5387.JPG



DSC_5388.JPG



DSC_5389.JPG



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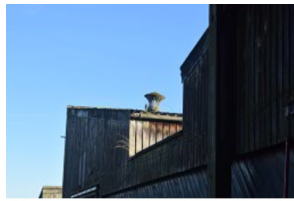
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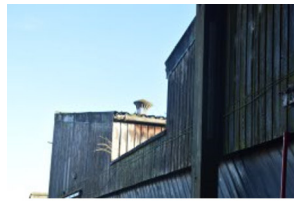
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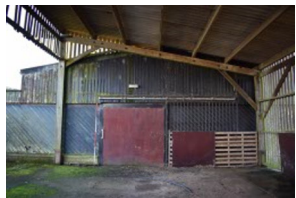
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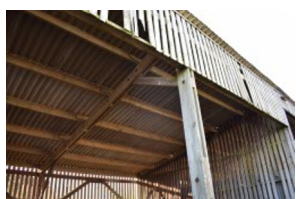
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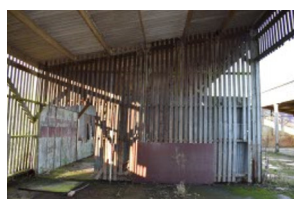
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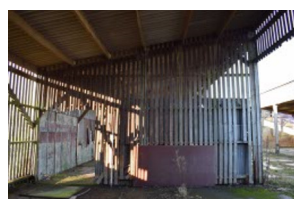
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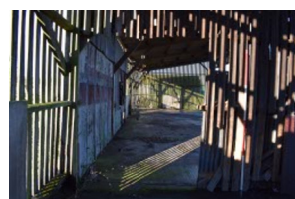
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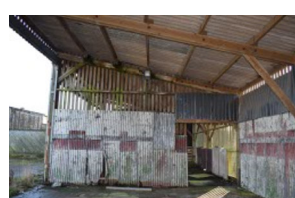
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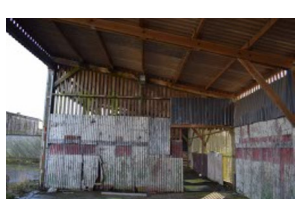
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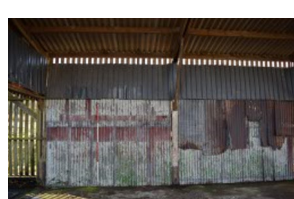
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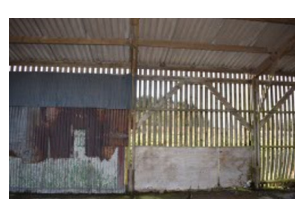
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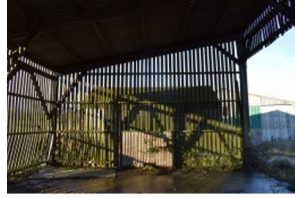
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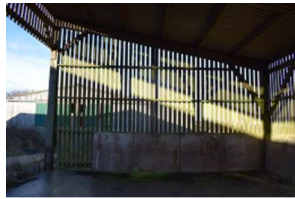
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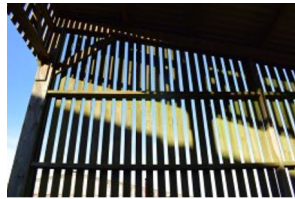
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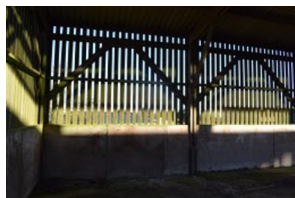
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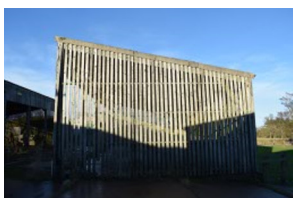
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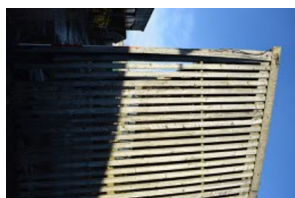
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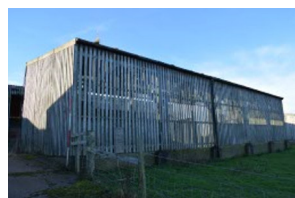
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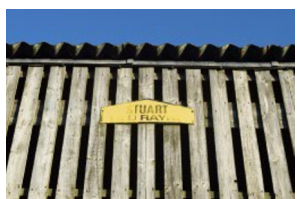
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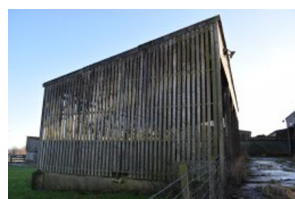
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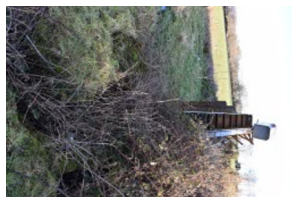
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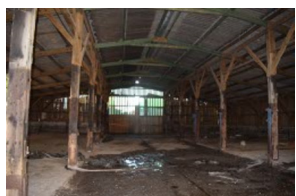
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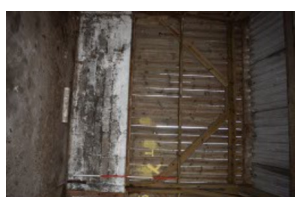
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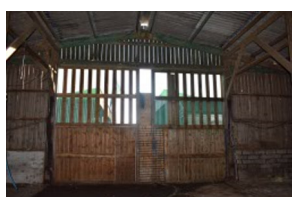
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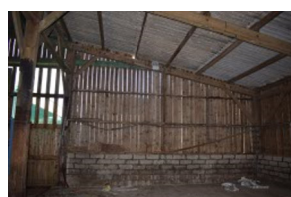
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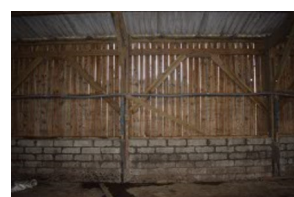
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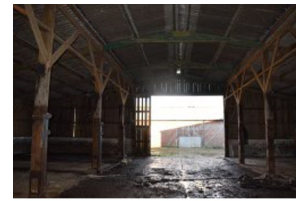
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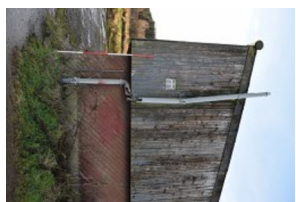
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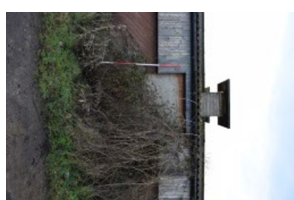
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