

West Ballochy Farm, Dun, by Montrose, DD10 9LP

Report on Level 1 Standing Building Survey

Angus Planning application 18/00554/PPPL



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SUMMARY

A Level 1 standing building survey was carried out on 21 February and 4 March 2020. At least 4 phases of development of the farm were recorded (Illus 24) including an early 19th-century u-plan farmstead around a central courtyard with opening to the SE. Extensions were added through the periods of the 1st-3rd Edition OS maps and later concrete block additions for stabling. It is recommended that no further archaeological work is required during the current planning application.

1 INTRODUCTION

- 1.1 The site (Illus 1) is located on the NE side of Brechin and NW of Montrose south of Logie Pert. It is centred on NGR NO 65910 62266, at 100-105m OD (Illus 1) and in the parish of Logie Pert.
- 1.2 The work was commissioned by Stephen Pirie for Nomie Braes. An Angus Council planning application 18/00554/PPPL for proposed conversion and new build house plots was approved on 5 November 2019 and there is a requirement for this Level 1 standing building survey.
- 1.3 All the archaeological work was carried out in the context of Scottish Planning Policy (SPP) Planning Advice Note (PAN 2/2011) and Scottish 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 2020)

2 BACKGROUND

West Ballochry is on the Angus HER (NO66SE0001). It is a farmstead, partially in use, depicted on the 1st and 2nd edition OS maps. On the 1st edition OS map, a large u-plan steading open to the south east is depicted, with partially infilled or covered courtyard, a rectangular building to the east, 2 buildings to the west and a well to the south. On the 2nd edition OS map, the rectangular building to the east has been enlarged to form an L-plan, and the main steading has been considerably expanded on the west side. Today, part of the main steading has been demolished but others of the early buildings appear to survive.

3 THE LEVEL 1 STANDING BUILDING SURVEY

A level 1 standing building survey was carried out on 21 February and 4 March 2020; architects plans and elevations were checked and annotated and extra elevations drawn and a full photographic survey carried out. There were areas which were not accessible due to building materials and collapsed roofing material (Rooms 5, 6, 10B, 11, 14, 16 and 17).

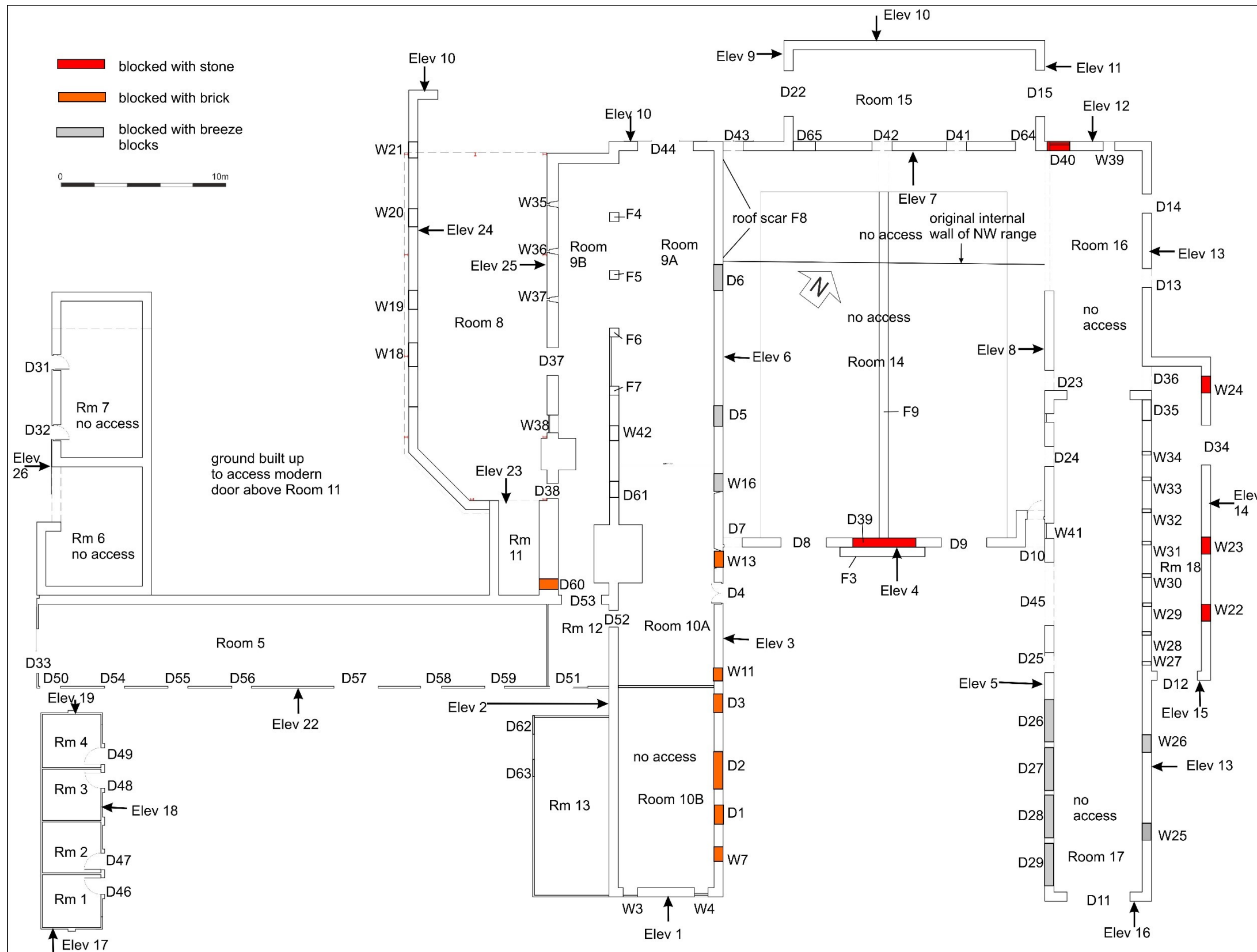
3.1 Building 1

Building 1 is the main farm. It has been divided into 18 rooms. All the original facings of the doors and windows are of grey and red sandstone and the walls are mixed sandstone rubble, large split quartzite river boulders and assorted fieldstones. The wings are 6.5m wide and 47m long with a courtyard 20m wide. The walls are typically 0.55-0.6m thick. Most of the roofs have been replaced recently with metal roofing and some of the buildings are roofless. Most of the floor surfaces are concrete.

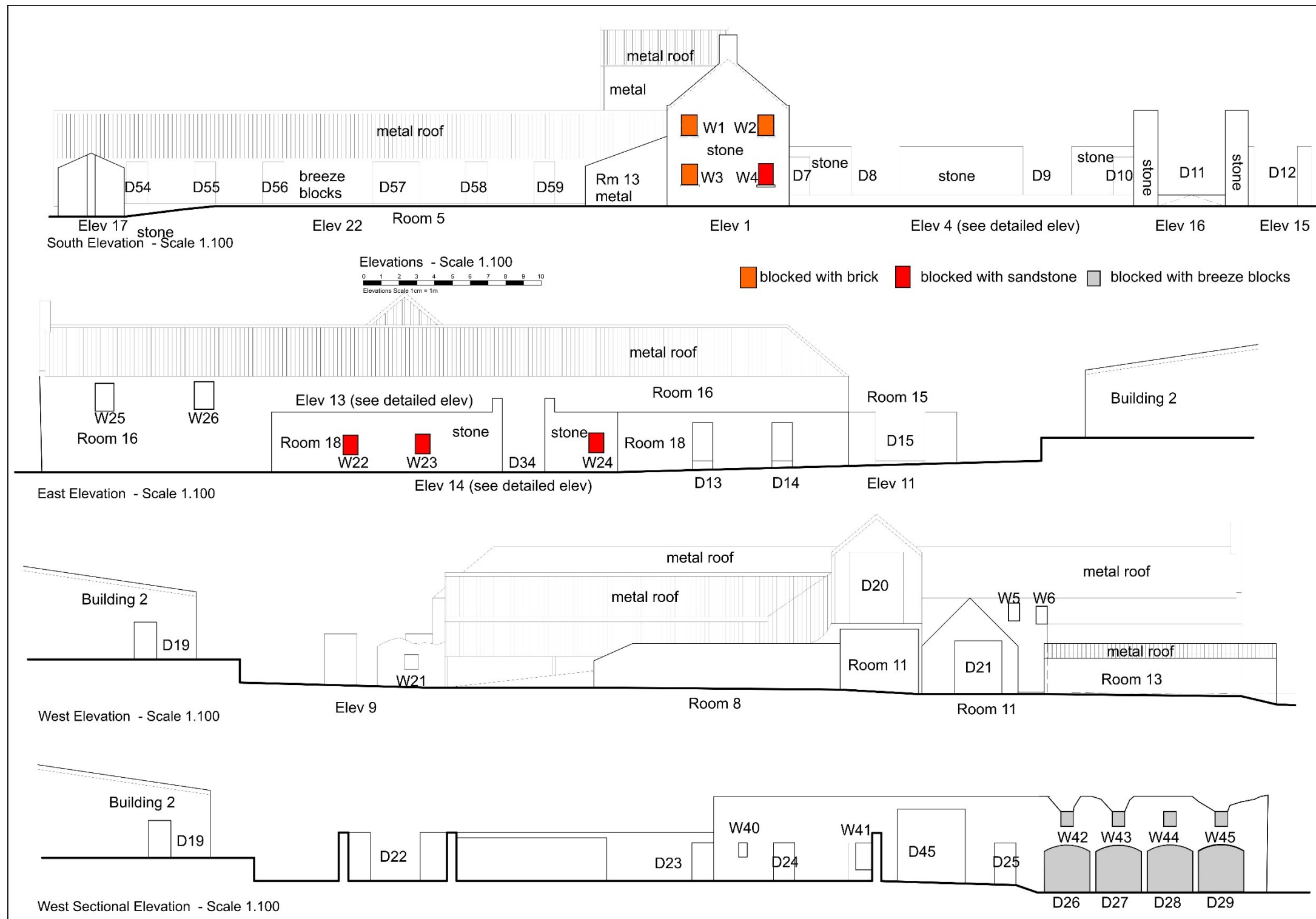
3.1.1 Phase 1

Phase 1 is a u-plan steading with the opening to the SE (Rooms 9A, 9B, 10A, 10B, 14 16 and 17). There were four cart doors on the SW facing wall in the entrance to the courtyard (D26-29; Illus 8, 9) and one cart door in the SE facing central courtyard wall (D39 Illus 10) which is 2.9m wide and 2.9m high. Doors into the courtyard include D1-6 and D23-25 in the SW and NE wings (Illus 15, 17). The NW wing has been substantially demolished and the roof scar can be seen on the NE wall of Room 9A (F8, Elev 6, Illus 2, 4, 18); it was presumably demolished when the cattle court was created leaving just the NW wall with doors to the exterior D41-43 and D64-65. There are ventilation slits in the SW wall (W35-37; Illus 11, 12) and the NE wall (W27-W34; Illus 19). There is a stone pier between W38 and D38 (Illus 14) between Rooms 8 and 9B which appears to have been part of an early structure part of which has now been demolished. Part of Room 6 may also belong to Phase 1 as there is a roofed building on the First Edition OS map (Illus 25) but the area was inaccessible during this survey.

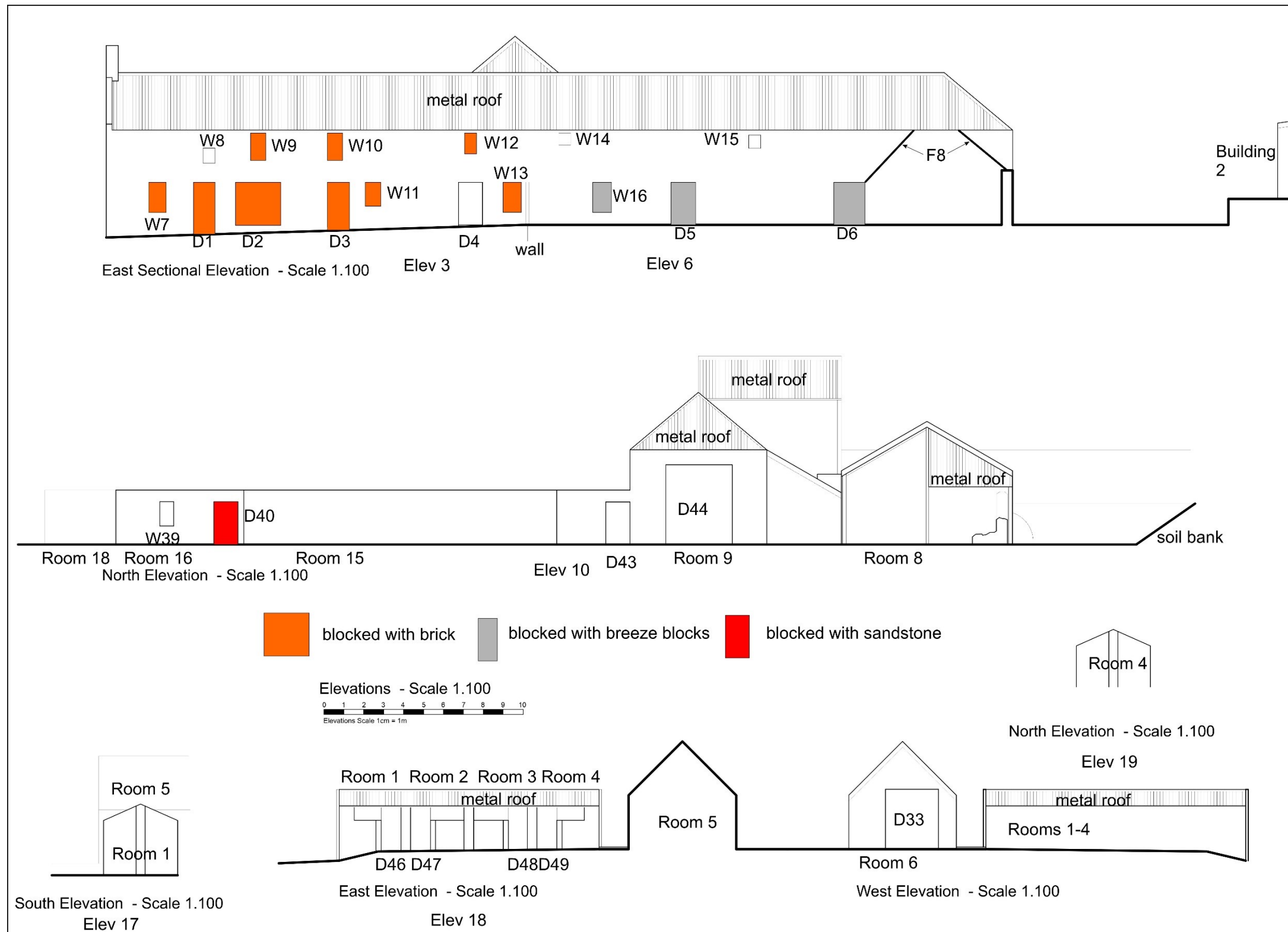
Room 10B appears to have been accommodation for farm staff (Illus 2, 16) and the rest of the building stabling for animals, horses and carts and general agricultural use. The function of Room 6 is unknown.



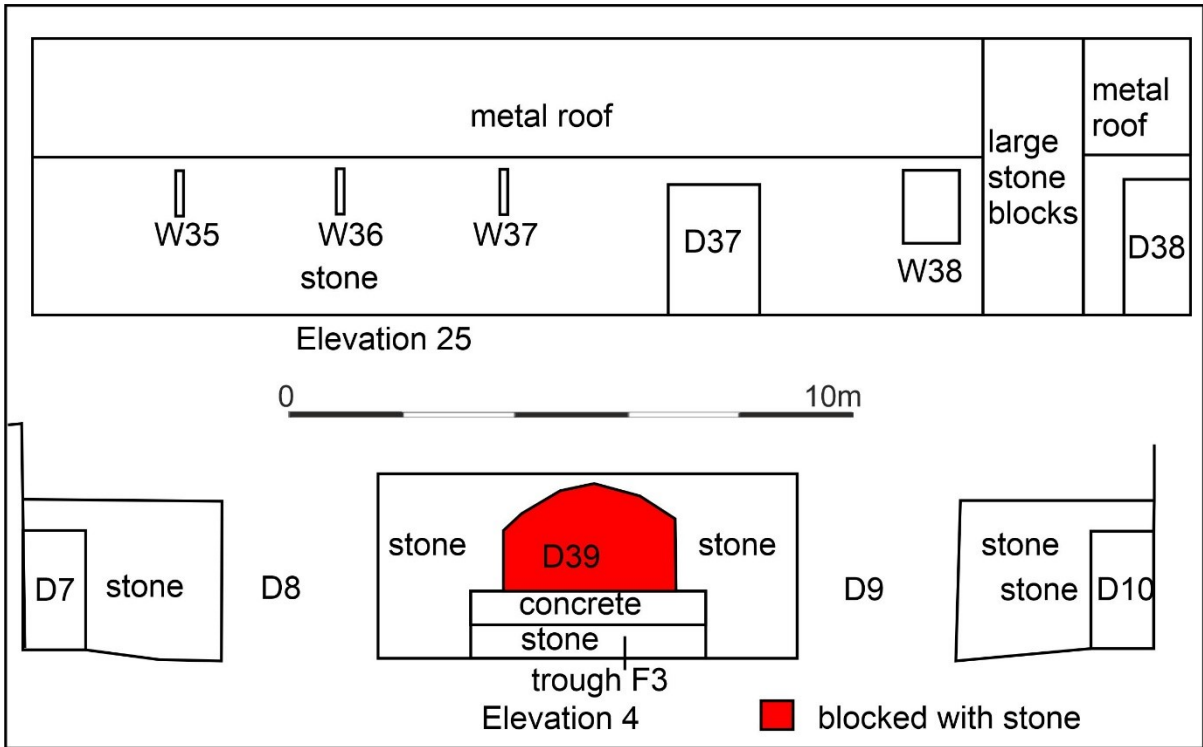
Illus 2 Plan of Building 1 annotated with numbers used in this survey including numbers of rooms, windows and doors and elevation numbers (copyright A.B. Roger & Young)



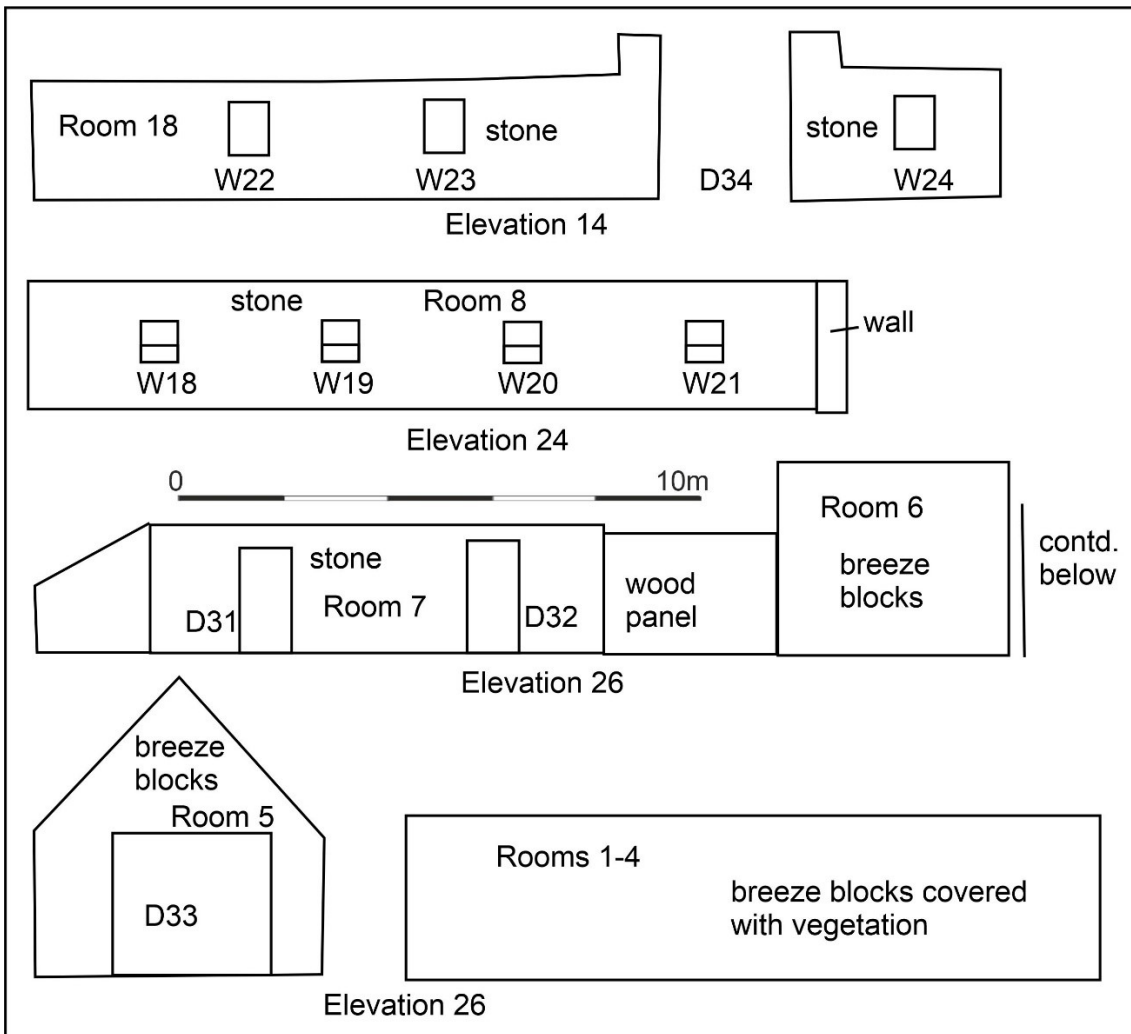
Illus 3 S, E, W and sectional elevations annotated with numbers used in this survey (copyright A.B. Roger & Young)



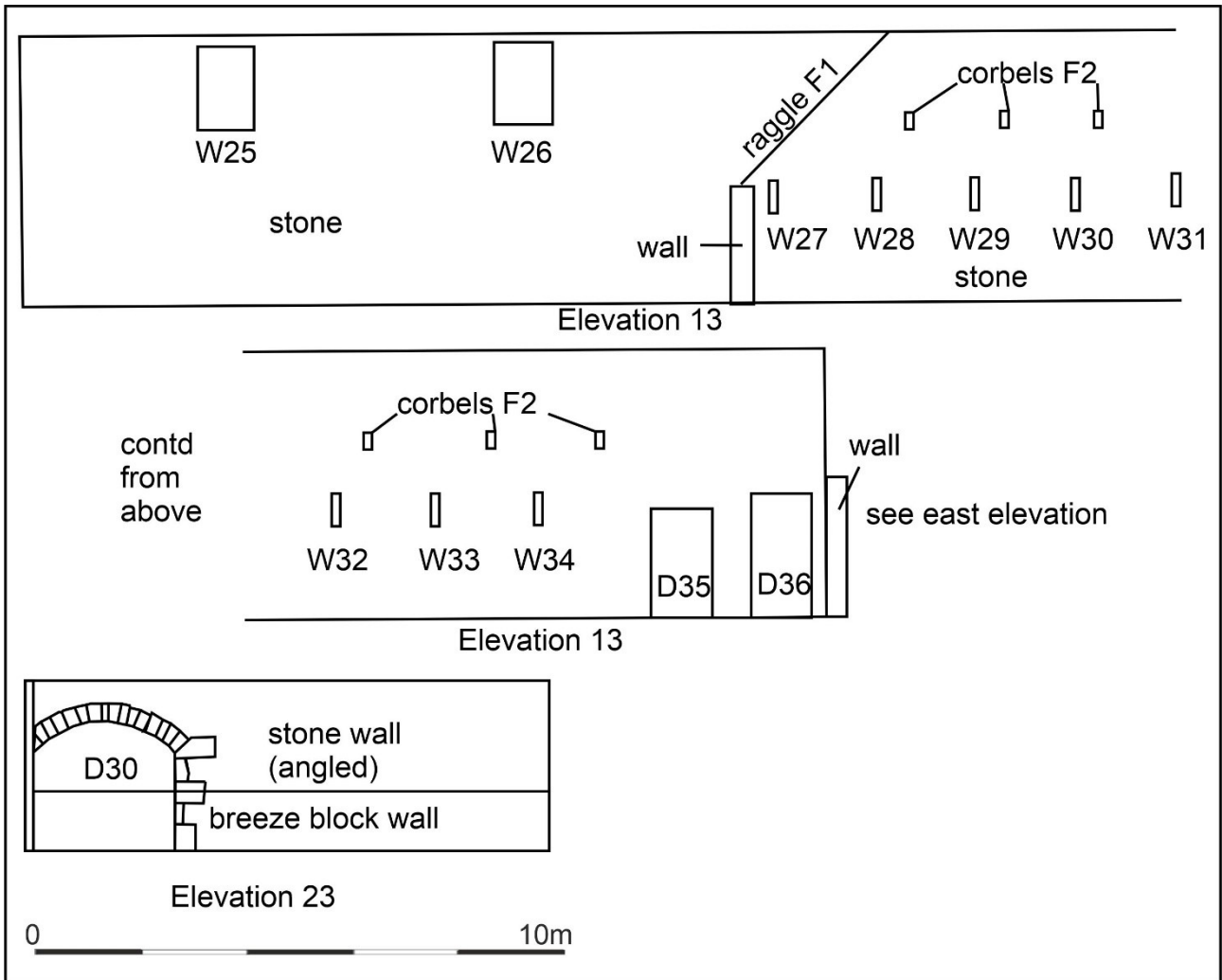
Illus 4 N and E elevations and sectional and Rooms 1-6 annotated with numbers used in this survey (copyright A.B. Roger & Young)



Illus 5 Elevations 4 and 25



Illus 6 Elevations 14, 24, 26



Illus 7 Elevations 13 and 23



Illus 8 Room 17 SW wall cart doors D28 (left) D29 (right) blocked with breeze blocks and W44 and W45 above; facing NE



Illus 9 Interior of Room 17 (l-r) D29-D26; facing W



Illus 10 Cart door D39 blocked (centre) with D8 (left) and D9 (right); facing NW



Illus 11 Room 9A SW wall exterior W35, W36; facing NE



Illus 12 W37 (left) W36 (centre), W35 (right) interior wall Room 9A; facing W



Illus 13 Sandstone piers between Room 9A (foreground) and 9B (background); facing WNW



Illus 14 Stone pier between W38 (left) and D38 (right); facing NE



Illus 15 Room 10B SW façade with blocked windows W5 and W6 (top left) and Room 13 metal lean-to shed (foreground); facing NE



Illus 16 Room 10B SE gable with W1 (top left), W2 (top right), W3 (bottom left) W4 blocked with stone (bottom right); facing NW



Illus 17 Rooms 10A and 10B NE wall with blocked doors and windows D1-3, W7-13



Illus 18 Room 9A NE wall with blocked doorways D5, D6 and upper windows W14, W15; wall scar F8 (right); facing S



Illus 19 Room 16 NE wall exterior windows W27 (left) W28 (right) with Phase 2 wall of Room 18 (left showing SW jamb D12); facing SW

3.1.2 Phase 2

Phase 2 was constructed before the 1st Edition OS map (Illus 25) with the addition of Room 15 on the NW façade, Room 18 on the NE façade, Room 8 on the SW façade.

3.1.3 Phase 3

Phase 3 was added on by the 2nd Edition OS map (Illus 26). A wing was added to the SW forming another courtyard. The NW-SE portion of this addition (Rooms 6 and 7) is not accessible. Vaulted Room 11 is constructed of stone walls and a brick vaulted roof (Illus 7, 20). It is 2.5m wide and 2.54m high and there is no access as it is infilled with rubble; a 1m high concrete block wall has been constructed along the front of this wall and soil piled above this structure to allow access to the metal shed above. There is inscribed lettering 'DS DW' on the red sandstone SW jamb of this arched door (Illus 21).

The SE section of Room 6 may belong to Phase 1 but the remainder of these rooms were constructed in Phase 2.



Illus 20 Room 11 D30 with vaulted brick on sandstone walls; facing SE



Illus 21 Inscribed initials on SW jamb D30; facing SW

3.1.4 Phase 4

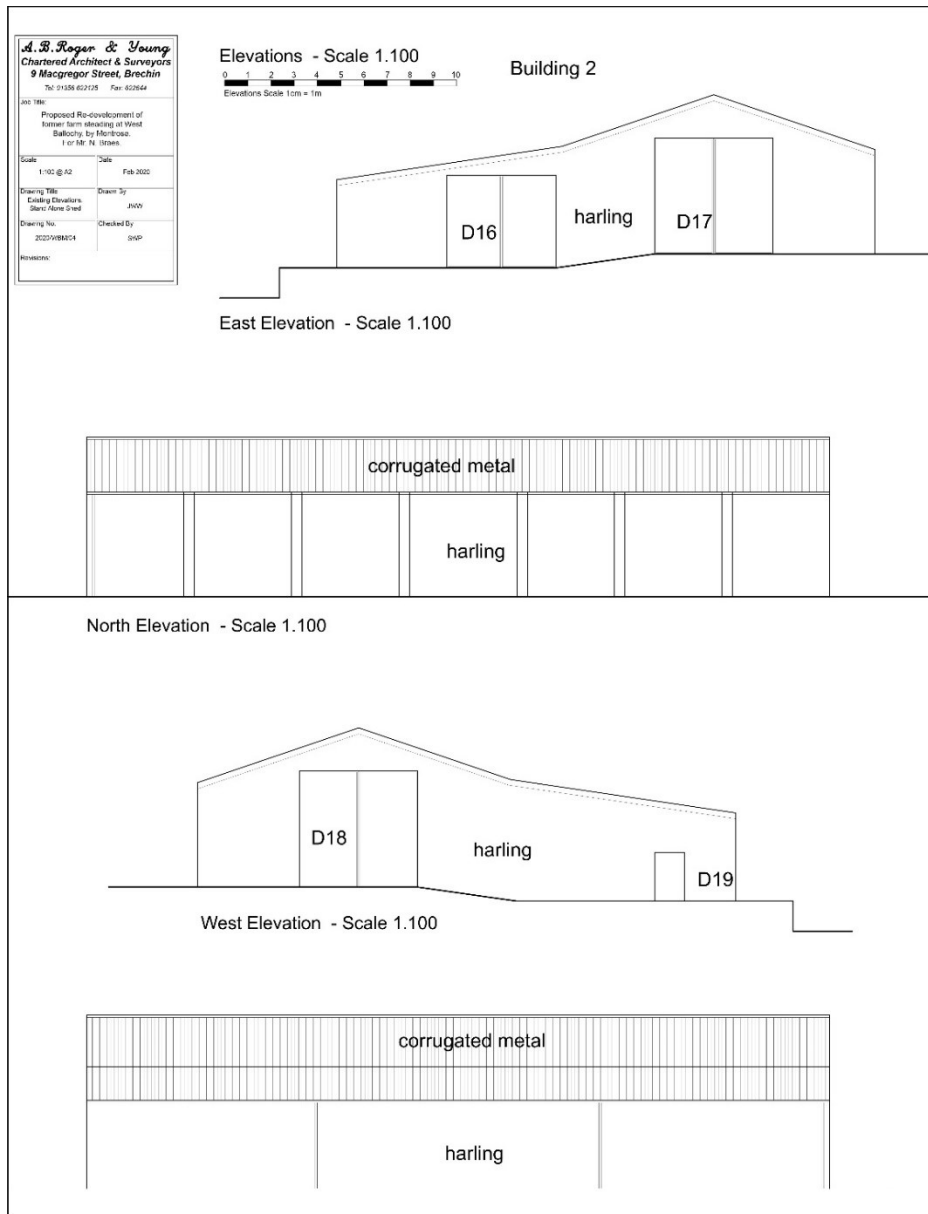
Phase 4 is mid to late 20th-century additions of stabling for horses (Rooms 1-4; Illus 22) and Room 5 all in concrete blocks, Room 13 a metal shed.



Illus 22 NE façade Rooms 1-4, stabling for horses in concrete blockwork; facing SW

3.2 Building 2

Building 2 is a harled brick shed on the N side of the site. It is 22x30m in size with a metal roof (Illus 23).

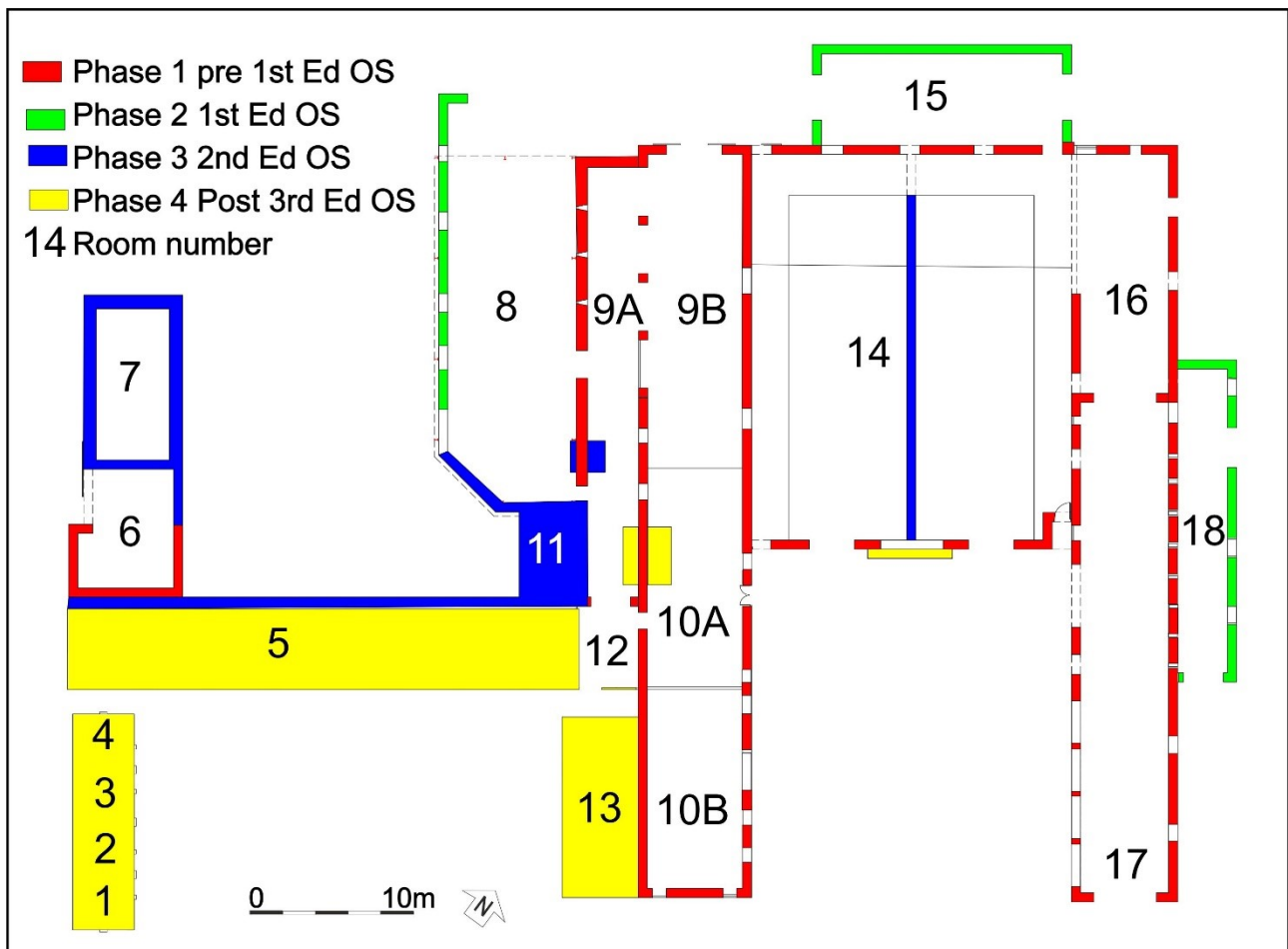


Illus 23 Building 2 elevations (copyright A.B. Roger & Young)

4 CONCLUSIONS AND RECOMMENDATIONS

A Level 1 standing building survey was carried out on 21 February and 4 March 2020. At least 4 phases of development of the farm were recorded (Illus 24) including an early 19th-century u-plan farmstead around a central courtyard with opening to the SE. Extensions were added through the periods of the 1st-3rd Edition OS maps and later concrete block additions for stabling.

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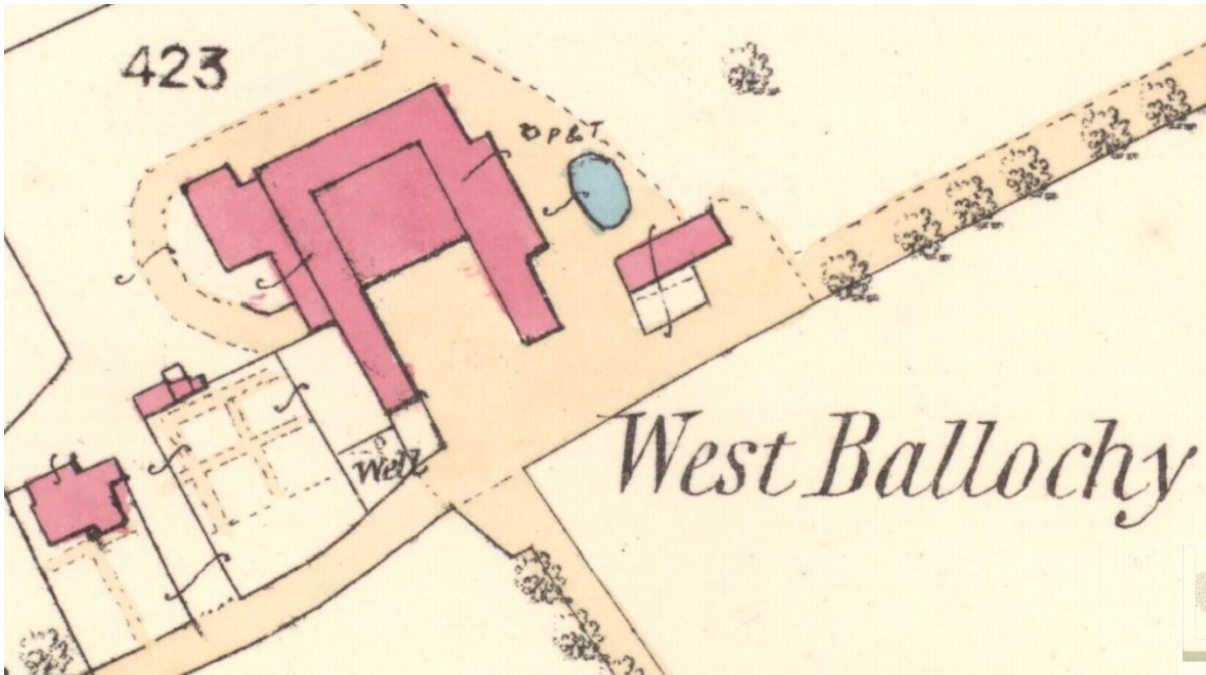
Illus 24 Phase plan (from copyright A.B. Roger & Young)

5 ACKNOWLEDGEMENTS

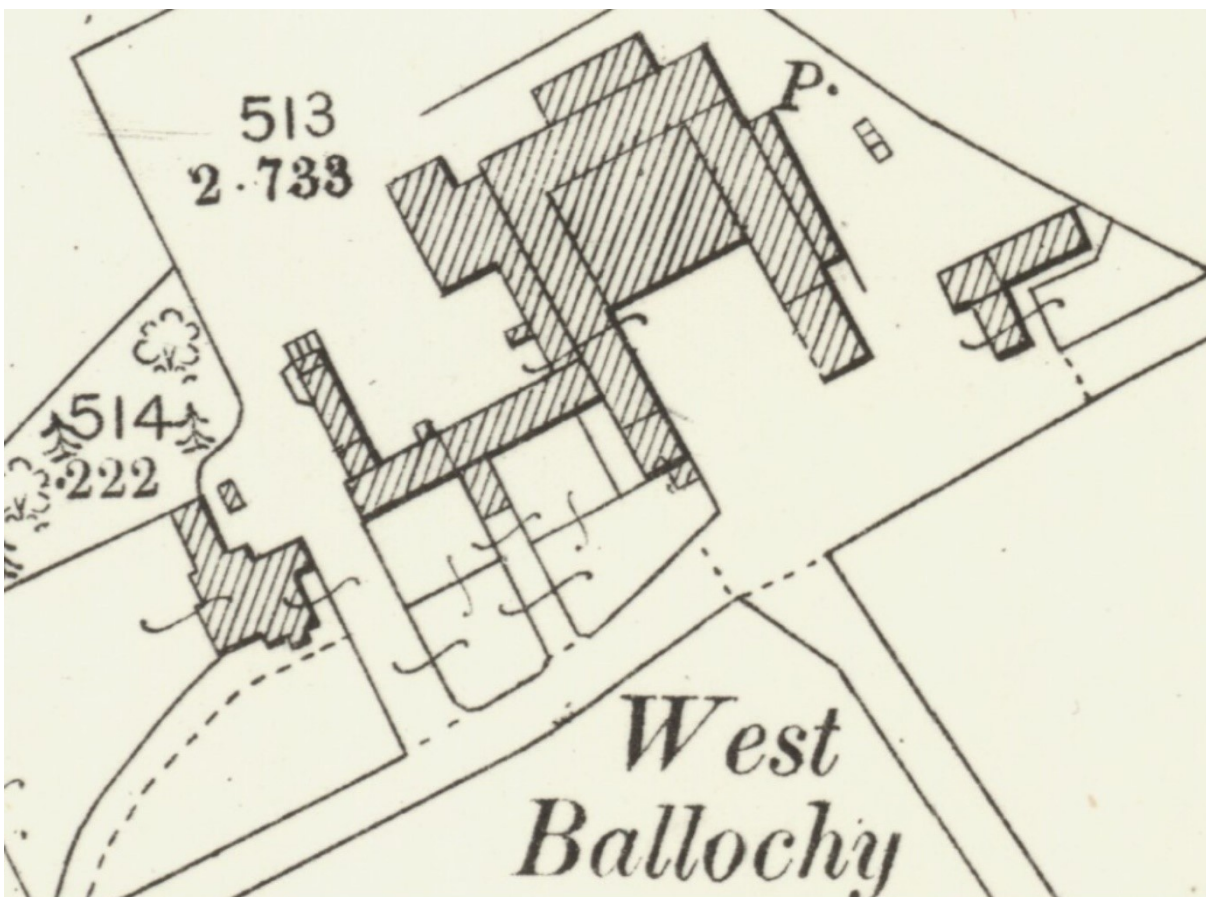
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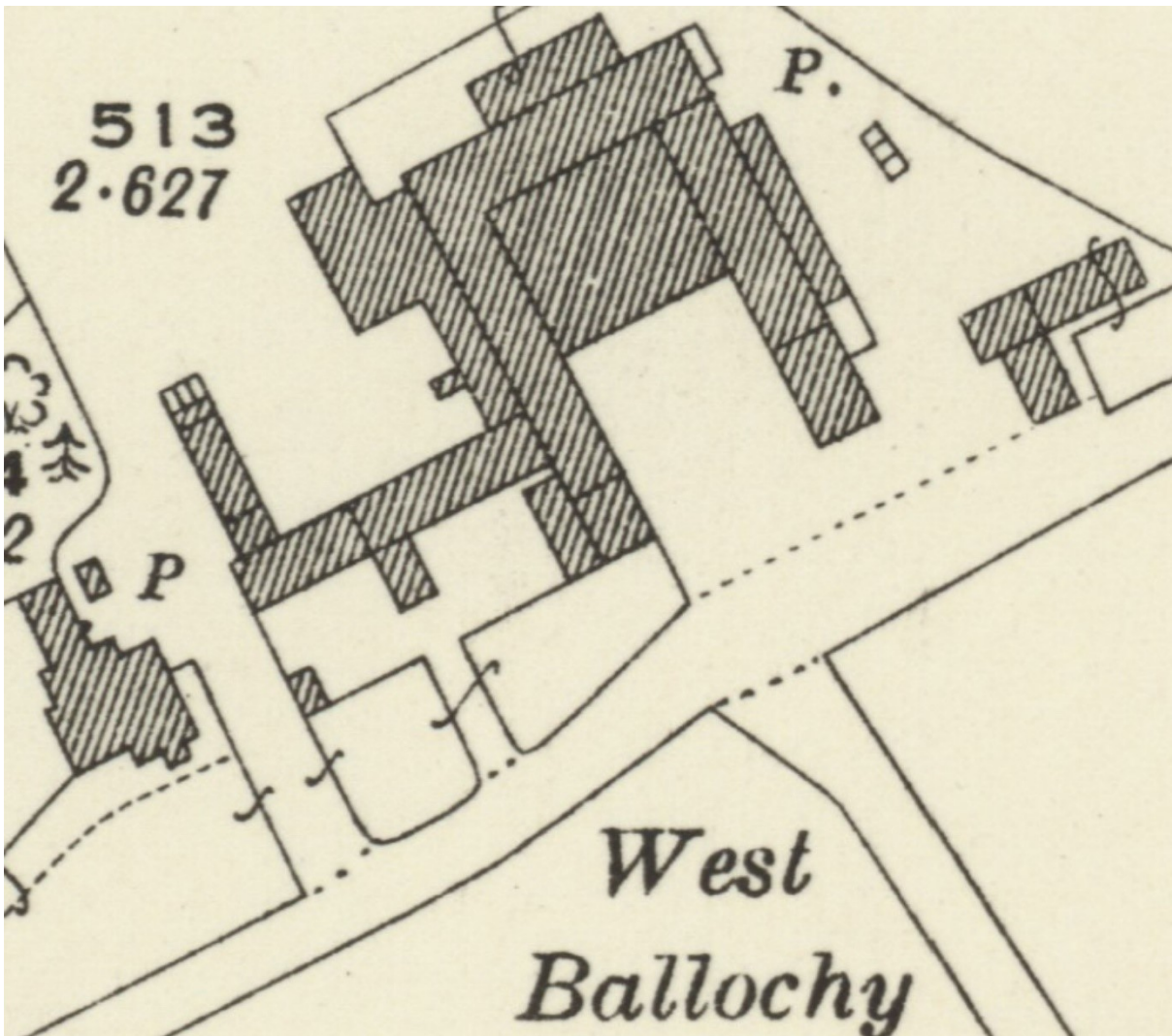
APPENDIX 1 MAPS



Illus 25 First Edition Ordnance Survey map showing West Ballochy. Forfarshire XXVII.8 (Logie Pert) Survey date: 1862 Publication date: 1864 (copyright National Library of Scotland)

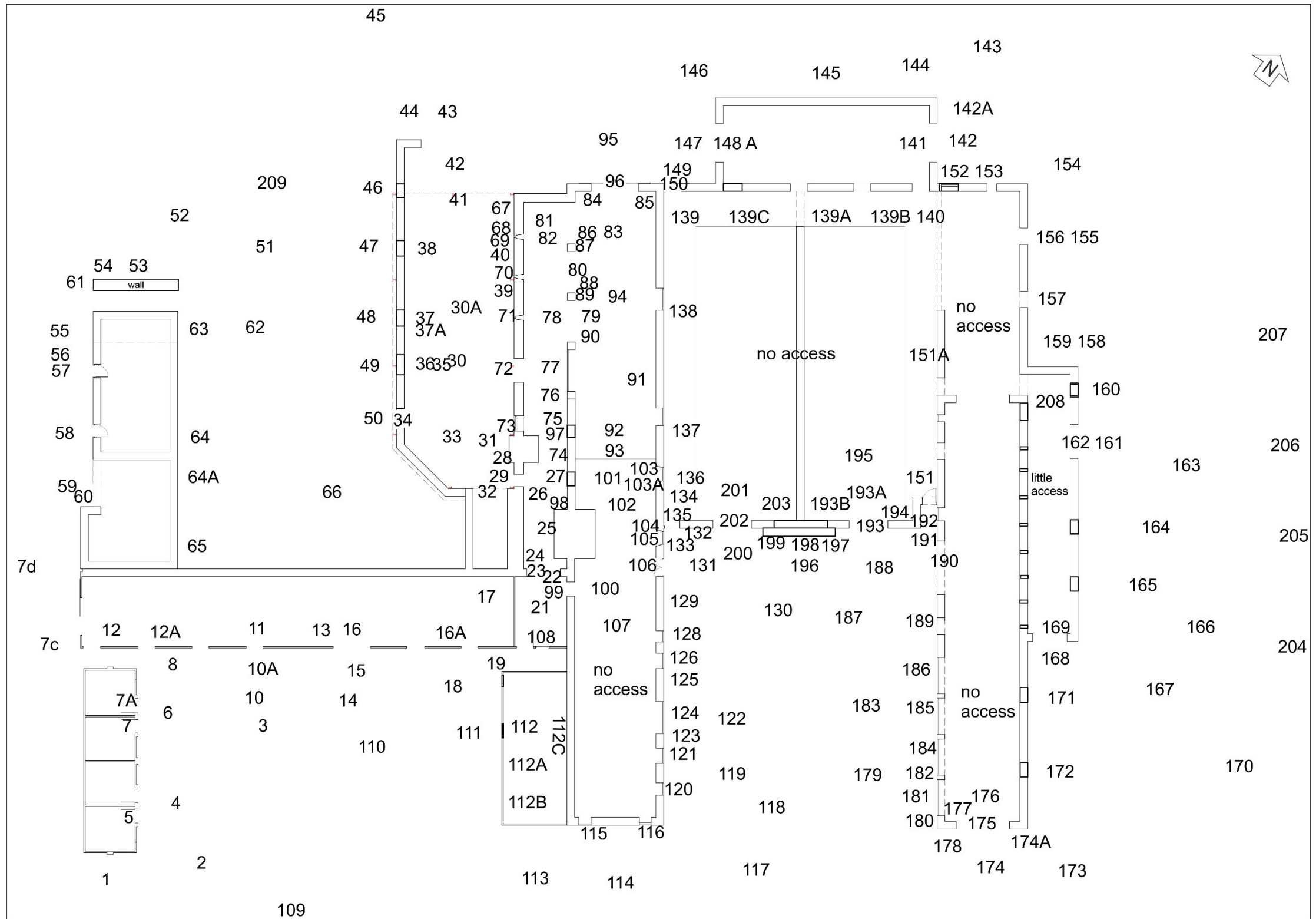


Illus 26 Second Edition Ordnance Survey map showing West Ballochy. Forfarshire XXVII.8 (Dun; Logie-Pert) Publication date: 1903 Revised: 1901 (copyright National Library of Scotland)



Illus 27 Third Edition Ordnance Survey map showing West Ballochy. (copyright National Library of Scotland) Forfarshire XXVII.8 (Dun; Logie-Pert) Publication date: 1924 Revised: 1922 Levelled: 1901

APPENDIX 2 PHOTOGRAPHS



Illus 28 Camera points used in this survey

Photo no	Description	Camera point	Facing
1617-18	Room 1	1	NW
1619	Rooms 1-4	2	W
1624-6	Rooms 1-4 NE wall D46, D47, D48, D49	2	SW
1627	Rooms 1-2	4	SW
1629	Room 1 interior SE wall	5	S
163	Room 1 SW wall	5	SW
1631	Rooms 3-4	6	SW
1632	Room 3 SW wall	7	SW
1633-4	Room 3 SE wall	7	S
1635	Room 4 SW wall	7b	SW
1636	Room 4 SW wall	7c	E
1637	Room 5 SW wall (right) Room 6 SW wall (left)	7d	NE
1638	Rooms 6, 7 SW wall	7d	N
1639-40	Room 5 SE wall D50, D54, D55	8	W
1641-2	Room 5 SE wall D54, D55	6	NW
1643	Room 5 SE wall D50, D54, D55, D56 (right)	10	W
1644	D56	10	NW
1645	Room 5 SE wall D57, 58, 59	10	N
1647	Room 5 interior	11	SW
1648	Room 5 interior	11	W
1649	Room 5 interior	11	NW
1650	Room 5 interior	12	NW
1651	Room 5 interior	12	N
1652	Room 5 interior	12	NE
1653	Room 5 interior	12a	NW
1654	Room 5 interior	12a	SW
1655	Room 5 interior	12a	NW
1656	Room 5 interior	13	N
1657	Room 5 interior	13	NE
1658	Brick base	10a	NE
1659	Brick base	3	NW
1660-1	Brick base	15	SW
1662	D57	15	NW
1663	Room 5 interior	16	SW
1664	Room 5 interior	16	W
1665	Room 5 interior	16	NW
1666	Room 5 interior	16	N
1667	Room 5 interior	16a	W
1668	Room 5 interior	16a	NW
1669	Room 5 interior	16a	N
1670	Room 5 interior	17	NW
1671	Room 5 interior	17	NNW
1672	Room 5 interior	17	NE
1673	Room 5 interior	17	SE

1674	Room 5 interior	17	SSW
1675-76	Room 5 D58, D59	18	NW
1677	Room 5 D51	19	N
1678	Room 5 (left) Room 10 SW wall W5 and W6 above and Room 13 (right)	19	NE
1679-80	Room 5 NE wall	21	SW
1681-2	Room 12 D53	21	NW
1683	D53 SW jamb	23	W
1684	D53 NE jamb	22	N
1685-7	D60 blocked with brick	24	SW
1688-9	Room 9 SW wall between D60 and D38	25	WNW
1690	Room 9 SW wall between D60 and D38	26	S
1691	Room 9 SW wall between D60 and D38	26	SSE
1692-5	D38	27	SW
1696	D38	28	E
1697	D38	29	NE
1698	Room 8 SE wall D30 (left)	30	SE
1699	D30	31	SE
1700	D30 and Room 11 brick vaulted room with stone walls	29	SE
1701	D30 and Room 11 brick vaulted room with stone walls	29	E
1702-3	D30 and Room 11 brick vaulted room with stone walls	29	SE
1704	D30 and Room 11 brick vaulted room with stone walls	29	S
1705-9	D30 SW jamb incised lettering DB DW	32	S
1710	Room 8 SE wall	33	S
1711	Room 8 SW wall partially demolished	33	SW
1712	Room 8 SW wall	34	NW
1713	Room 8 SW wall W18	30	SW
1714	W18	35	SW
1715-17	W18	36	SW
1718	Room 8 SW wall W18, W19	30A	S
1719	W18, W19	30A	SW
1720	W20, W21	30A	W
1721-22	socket stone SE of W19	37A	SW
1723	W19	37	SW
1724	W20, W21	40	SW
1725-6	W20	38	SW
1727	Room 8	41	SE
1728-9	W21	41	SW
1730	Room 8 SW wall W21 with Building 2 (right)	41	W
1731	Room 8 SW wall W21 with Building 2 (right)	41	WNW
1732-33	Room 8 SW wall W21	43	S
1734	Room 8 SW wall W corner	44	SW
1735	Room 8 from W	45	E
1736	Room 8 (left) with soil bank allowing access to first floor above Room 11	45	SE
1737	Room 8 SW wall W21	46	NE
1738	Room 8 SW wall W21	47	N

1739-41	Room 8 SW wall W20	47	NE
1742	W20, W19	48	N
1743	W19	48	NE
1744	W19, W18	48	E
1745	W19	48	NE
1746	W18	49	NE
1747	Room 8 SW wall and rebuilt section	49	E
1748	Room 8 SW wall and rebuilt section	50	NE
1749	Room 8 SW wall rebuilt section	50	E
1750	Room 8 SW wall	50	NNE
1751	Room 8 SW wall	50	N
1752	Building 2	51	N
1753	Building 2	51	NW
1754	Building 2	51	WNW
1755	Building 2	51	N
1756-7	Farm from W	52	E
1758	Rooms 6 and 7 overgrown	51	S
1759	Room 7 NW wall	53	SE
1760	Room 7 NW wall no access	54	E
1761	Room 7 NW wall no access	54	SE
1762	Room 7 SW wall	55	NE
1763	Room 7 SW wall D31 (right)	56	NE
1764	Room 7 SW wall D31 (centre)	56	ESE
1765	Room 7 SW wall D31 (centre)	56	SE
1766	Room 7 SW wall D31 (right)	56	NE
1767	D31	57	NE
1768	Room 7 SW wall D31 (left)	57	N
1769	Room 7 SW wall D31 (left)	57	NNE
1770-1	D32	58	NE
1772	wood panel blocking hole in Room 6	59	NE
1773	wood panel blocking hole in Room 6	59	E
1774-5	SW wall Room 6	60	SE
1776	Garden wall NW of Room 7	61	NE
1777	Room 7	53	SE
1778	Room 5 roof (right) Room 11 upper room in metal (left)	53	E
1779	Room 8 SW wall	53	NE
1780	Building 2 (left) Building 2	53	N
1781	Building 2	53	N
1782	Room 8 SW wall	52	NE
1783	Room 8 SW wall	52	E
1784-5	Rooms 6 and 7 infilled and overgrown	62	S
1786	Rooms 6 and 7 infilled and overgrown	63	S
1787	Rooms 6 and 7 infilled and overgrown	64	W
1788	Rooms 6 and 7 infilled and overgrown	64	WSW
1789	Rooms 6 and 7 infilled and overgrown	64	SW
1790	Rooms 6 and 7 infilled and overgrown	64	SSE

1791	Rooms 6 and 7 infilled and overgrown	64A	SW
1792-3	Rooms 6 and 7 infilled and overgrown	64A	S
1794	Rooms 6 and 7 infilled and overgrown	65	SW
1795	Roof Room 5	65	S
1796	Roof Room 5	65	SE
1797	Roof Room 5 (right) D20 metal first floor above Room 11 (left)	65	E
1798	Room 8	65	NE
1799	Room 8 (right) Building 2 (left)	65	N
1800	Room 8	65	NE
1801	Room 8	66	N
1802-3	Room 8	66	NNE
1804	Room 8	62	E
1805	Room 8	62	NE
1806	Room 8	62	N
1807	Room 8, Room 9	45	ENE
1808	Room 8 NE wall/Room 9 SW wall W35, W36	41	NE
1809	Room 8 NE wall NW end	67	NE
1810	Room 8 NE wall NW end	68	NE
1811	W35	69	NE
1812	Room 8 SW wall	69	SW
1813	Room 8 SW wall	69	S
1814-15	Room 8 NE wall/Room 9 SW wall W35, W36	30A	NE
1816-17	W36	70	NE
1818	W37 with D37 (right)	39	NE
1819	W37	71	NE
1820	D37	30	NE
1821	D37 with W38 (right)	30	ENE
1822	D37	30	NE
1823	D37 with W38 (right)	33	NE
1824	W38 with D38 (right)	33	E
1825	W38 with D38 (right)	73	NE
1826-8	Stone plinth between W38 (left) and D38 (right)	31	NE
1829-30	Room 9	74	NW
1831-33	Stone plinth between W38 (left) and D38 (right)	74	W
1834	W38	75	SW
1835	Stone plinth between W38 (left) and D38 (right)	75	S
1836	W38	76	S
1837-8	wall between W38 (left) and D37 (right)	76	SW
1839	W38 (left) and D37 (right)	77	S
1840-42	D37	77	SW
1843	D37 (left) W37 (right)	78	SW
1844	W37	78	SW
1845	D37 (left) W37 (right)	78	SW
1846	W37, W36, W35	78	W
1847	Room 9	78	SE
1848	W36, W35	82	SW

1849	W36, W35	81	S
1850	W35	81	SW
1851	Room 9 NW wall D44 (right)	81	NW
1852-55	D44	83	NW
1856-7	D44 SW jamb	84	W
1858-9	D44 NE jamb	85	N
1860-61	Stone pillar F4	86	S
1862-3	F4, F5, F6, F7	84	S
1864-5	Stone pillar F4	87	SW
1866-7	Stone pillar F5	88	S
1868-9	Stone pillar F5	89	SW
1870-71	Stone pillar F6	88	S
1872-3	Stone pillar F6	89	SW
1874	F7, F6, F5, F4	92	WNW
1875	F7 (left) F6 (right)	91	SW
1876	wall SE of F7	91	S
1877-8	wall SE of F7	92	SW
1879-80	SE end Room 9 with wood mezzanine (no access)	92	SE
1881	SE end Room 9	93	S
1882	SE end Room 9	93	SE
1883	SE end Room 9	93	E
1884	NW end Room 9	93	NW
1885	NE wall Room 9 W16, W13, D4	93	E
1886	SE end Room 9 with wood mezzanine (no access)	93	ENE
1887-8	W16 (right) D5 (centre)	93	NE
1889-90	W16 (right) D5 (centre) W14 (top)	92	NE
1891	W14	92	NE
1892-3	D6	94	NE
1894-5	D6	94	N
1896	Wall NW of D6	84	NE
1897-8	Room 9 NE wall	84	E
1899	Room 9	84	SE
1900	Room 9 NW wall D44	95	S
1901	D44	95	SSE
1902	D44	95	SE
1903	Room 15 SW wall D22	95	NE
1904-5	D44 SW jamb	96	SW
1906	D44 NE jamb	96	NE
1907	Room 9	96	S
1908	Room 9	96	SSE
1909-12	Room 9	81	E
1913-15	Room 9	77	E
1916-17	Room 9 concrete partition wall F6 (left) F7 (right)	75	NE
1918-19	Wall SE of F7	76	NE
1920	Wall SE of F7	75	NE
1921-22	W42	97	NE

1923	Ventilation under W42	97	NE
1924-5	Wall SE of F7	74	NE
1926-9	D61	27	NE
1930-1	Electric box	98	NE
1932-37	Room 9	26	SE
1938-39	D53	99	NW
1940-1	D53 NE jamb	23	NE
1942-6	D52	99	NE
1947-8	Room 10	100	SW
1949	Room 10	100	W
1950-51	Room 10	100	NW
1952	Room 10	101	S
1953-55	Room 10 SW wall D61	101	SW
1956	Room 10	101	NW
1957	Room 10 NE wall	101	N
1958	W16	101	NE
1959	W16 W13	101	ENE
1960	W16	103	NE
1961-2	sandstone SE of W16	103A	NE
1963	W13	104	NE
1964	D4, W13. W16	104	N
1965-6	D4	106	NE
1967	Room 10 S partition	106	SE
1968	Room 10 S partition	106	S
1969-70	Room 10 S partition	106	SE
1971-74	Tanks and stairs to wood mezzanine	106	S
1975-82	Room 12 NE wall D52	24	N/NE
1983	Rooms 1-4 (left) Room 5 (right)	109	W
1984	Room 5	109	NW
1985	Room 10 with Room 13 in front	109	N
1986	Room 10 SW wall blocked windows W5 and W6	110	N
1987-88	Room 10 SW wall blocked windows W5 and W6	110	NE
1989	W5 and W6	18	NE
1990	D63 SW wall Room 13	111	NE
1991	SW wall Room 10	112	NE
1992	SW wall Room 10	112A	NE
1993	SW wall Room 10	112B	NE
1994	NW wall Room 13	112A	NW
1995	SE wall Room 13	112A	SE
1996	SW wall Room 13	112C	S
1997	SW wall Room 13	112C	SW
1998	SW wall Room 13	112C	W
1999	SE wall Room 13	113	NW
2000	Room 10 SE gable	114	NW
2001	W3	115	NW
2002	W1	115	NW

2003-4	floor of demolished lean-to	114	NW
2005	W2	116	NW
2006	W4	116	NW
2007	Room 10	117	W
2008-9	Room 10 NE wall	118	SW
2010	Room 10 NE wall	118	W
2012	Room 10 NE wall W7, D1, D2 with W8, W9 above	119	SW
2013	W7	120	SW
2014	D1	121	SW
2015	W8	121	SW
2016	W7 (left) D1 (right)	122	S
2017	W7 (left) D1 (right) W8 above	121	SW
2018	W8 above D2 below	123	SW
2019-21	D1 (left) D2 (right)	123	SW
2022-25	D2	122	SW
2026-28	D2 (left) D3 (right)	125	SW
2029-30	D3 W10 above	126	SW
2031	D3, D2, D1	126	S
2032	D2, D3	126	SW
2033	D3, D4, W13	126	W
2034-36	W11	128	SW
2037-38	wall repaired between W13 and W16 - possible location of door below and window above	129	SW
2039	Room 10 NE wall	130	W
2040	Room 10 NE wall	130	SW
2041	Room 10 NE wall	130	W
2042	D4	131	SW
2043	W12 above	131	SW
2044-5	W13	132	SW
2046-7	W13	133	W
2048	D7	133	NW
2049	D7	134	SE
2050-51	D7 NE jamb	135	E
2052-3	D7 SW jamb	135	S
2054-5	Room 9 NE wall W16, D5, D6	134	NNW
2055	Room 14 NW wall	134	NW
2056	Room 14 central division	134	N
2057	Room 14 central division	134	NNE
2058-60	W16	136	W
2061-63	D5	137	W
2064-66	D6	138	W
2067	D43 D42 (right)	139	NW
2068	D42	139A	W
2069	D43 D42 (right)	139	NW
2070	Room 10 NE wall	139A	S
2071	Room 10 NE wall	139A	S
2072	Room 14 NW wall D43, D42, D41	139B	WSW

2073-4	D41	139B	W
2075	Room 10 NE wall	139C	SE
2076	Room 10 NE wall	139C	S
2077-78	Room 10 NE wall	139C	WWS
2079	Room 10 NE wall	139C	SW
2085	D64	141	SW
2086	Room 16 NW wall W39, D40	141	E
2087	D41	141	S
2088	D41, D42	141	SSW
2089-90	D41, D42	141	SW
2093-4	Room 15 NE wall D15	141	NE
2097	Room 15 NE wall D15	142	SW
2098	Wall NW D15	142A	SW
2099-2100	Farm from N	143	S
2101	Farm from N	143	SE
2102	Building 2 NE wall	143	W
2103-4	Room 15 NW wall	143A	SE
2105-6	Room 15 NW wall	144	SE
2107	Room 15 NW wall	145	E
2108	Room 15 NW wall	145	SE
2109	Room 15 NW wall	146	E
2110	Room 15 SW wall D22	147	NE
2111-13	D22 NW jamb	148	NW
2114	Room 15	148	NNW
2115	Room 15	148	NE
2116	Room 15	148	E
2117-18	D22 SE jamb	148	SE
2119-21	D65	148A	SE
2122	D43	147	SE
2123-4	D43 (left) D44 (right)	147	SSE
2125-26	D43 NE jamb	149	E
2127	D43 lintel	149	SE
2128	Room 14 SW half	139	SE
2129	Room 14 SW half	139	SSE
2130	Room 14 SW half	139	SE
2131	Room 14 NE half	139A	SE
2132	Room 14 NE half	139A	E
2146	W39	140A	NW
2157	Room 14 NE half SW jamb D9 (left)	151	SW
2158	Room 14 NE half	151	W
2159	Room 14 NE half	151	NW
2161-3	D10	151	SE
2164	Room 10 NE wall	151A	S
2165	Room 10 NE wall	151A	SW
2166	Room 10 NE wall	151A	W
2168	Room 16 NW wall W39, D40	142A	SE

2169	D40 blocked with stone	141	E
2170-71	W39	153	SE
2172	Room 15 NE wall D15	154	SW
2173	Room 16	154	S
2174	Room 16 NE wall D14	155	SW
2175-7	Room 16 NE wall D14	154	SW
2178-9	D14 NW jamb	154	W
2180-1	D14 SE jamb	154	S
2182-84	D13	157	SW
2185	D13 (right)	158	SW
2186	Room 18 NW wall	159	SE
2187-88	Room 18 NE wall W24	160	SE
2189	D34	161	SW
2190-1	D34 NW jamb	162	NW
2192	Room 18 NW end	162	W
2193-4	Room 18 D35 (left) D36 (right)	162	SW
2195	Room 18 SW wall windows W34,33,32,31,30,29	162	S
2196	Room 18 SW wall windows W34,33,32,31,30,29	162	SSE
2197-8	D34 SE jamb	162	SE
2199	Room 18 NE wall	163	SW
2200	Room 18 NE wall	163	S
2201	W23	164	SW
2202	W23	164	SSW
2203	W22	165	SW
2204-5	Room 18 NE wall	165	W
2206-7	Room 18 NE wall	167	W
2208	Room 18 SE wall D12	168	NW
2209	Room 18 NE wall	169	NNW
2210-11	Room 18 SW wall W27	169	SW
2212-13	W27, W28	169	SSW
2214	W27	169	SW
2215-16	W27, 28, 29,30,31,32,33,34	169	W
2217	Room 18	169	NW
2218	Room 18	169	NNW
2219	D12 SW jamb	169	SW
2220	Room 17 NE wall	170	W
2221	W26	171	SW
2222	Room 17 NE wall	173	W
2223	W25	172	SW
2225-8	Room 17	173	W
2232-34	Room 17 SE wall D11	174	NW
2237-40	D11 NE jamb	174A	NW
2241-2	Room 17 NE wall	175	N
2243	Room 17	175	NW
2244-46	Room 17 Sw wall D29, D28, D27 with W44 above	175	W
2247-52	D29	176	SW

2253-54	D11 SW jamb	177	SE
2255-7	D11 SW jamb	178	NW
2258	D29, D28	180	NE
2259	D29- D25	180	N
2260	D29-D10	180	NNW
2261	D29 SE jamb	180	NE
2262	D29 arched lintel	180	NE
2263	D29 arched lintel	181	NE
2264	D29 arched lintel	181	N
2265-6	D28 (left) D29 (right)	182	NE
2267	stone at junction D29/D28	182	NE
2268	D29, D28	183	ENE
2269	D29, D28, D27	183	NE
2270	D25-D28	183	N
2271	D29, D28, D27	183	NE
2272	D25-D28	183	N
2273	W42	186	NE
2274	W43	185	NE
2275	W45	181	NE
2276	D45-D29	187	ENE
2277	D45, D25	187	NE
2278	D45 (right)	187	N
2279	D26	186	NE
2280	W42	186	NE
2281-83	D25	187	NE
2284-5	D25 SE jamb	189	E
2286	D25 lintel	189	NE
2287-8	D25 NW jamb	189	N
2289-90	D45	188	NE
2291-2	D45 SE jamb	190	SE
2293	Room 17 through D45	190	SSE
2294	Room 17 through D45	190	E
2295	Room 17 through D45	190	NE
2296	Room 17 through D45	190	N
2297	Room 17 through D45	190	NNW
2298	Room 17 NE wall windows W28 and W29 and roof beam slots	190	NE
2299	W27 and W28	190	NE
2300-1	D45 NW jamb	190	NW
2302-3	Wall NW of D45 with D10 (left)	191	NE
2304	D45, D25, D26-D29	197	E
2305-8	D10	188	N
2309	D66	192	NW
2310	D10	191	NW
2311-14	D10	192	W
2315-16	D9 NE jamb	193	NE
2317	D9	195	SE

2318	Room 17 SW wall	195	E
2319	Room 17 SW wall	195	NE
2320	Room 17 SW wall	195	ENE
2321	Room 17 SW wall	195	N
2322	Room 15 SE wall	195	NW
2323	Room 9 NE wall	195	W
2324	Room 9 NE wall	195	WSW
2325-6	Room 10 NE wall	195	SW
2327	D9 SW jamb	193A	S
2328	Room 10 NE wall	193A	SW
2329-31	Wall SW of D9	193B	SE
2332	Wall SW of D9 interior of blocked D39	193B	S
2333	D9 (left) D45 (right)	187	N
2334-5	D8 (left) D9 (right) with blocked D39 (centre) with trough F3 (in front)	196	NW
2336	D39 NE jamb	197	NW
2337	D39	198	NW
2338-9	D39 SW jamb	199	NW
2340	D8	200	NW
2341-2	Room 14 partition wall	201	N
2343	Room 14	201	NW
2344	Room 9 NE wall	201	W
2345-6	D8 NE jamb	202	NE
2347-8	D8 SW jamb	202	SW
2349-50	Interior wall D8 (left) D7 (right)	201	S
2351-2	D8	201	SE
2353-62	Interior D39	201	E
9187	Room 18 NE wall SE end	204	SW
9188	Room 18 NE wall	205	SW
9189-90	Room 18 NE wall	206	SW
9191	Room 18 NE wall	207	S
9192	Room 18 NE wall	207	W
9195	Room 16 NE wall D35	162	SW
9196-7	Room 16 NE wall D35 D36	208	SW
9198	Room 8 SW wall	209	SSE
9199	Room 8	42	SE
9201	Room 8	30	SE
9202	D8 (left) D9 (right) with blocked D39 (centre) with trough F3 (in front)	196	NW