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Fort House, Leith, Edinburgh: Desk-based Assessment and Historic Building Recording

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PROJECT SUMMARY SHEET

Client City of Edinburgh Council

National Grid Reference NT 2615 7662 (CENTRE)

Parish City parish of Edinburgh

Council Edinburgh

NMRS no. NT27NE 288

OASIS no. headland1-112553

Project Manager Sorina Spanou

Text Elizabeth Jones

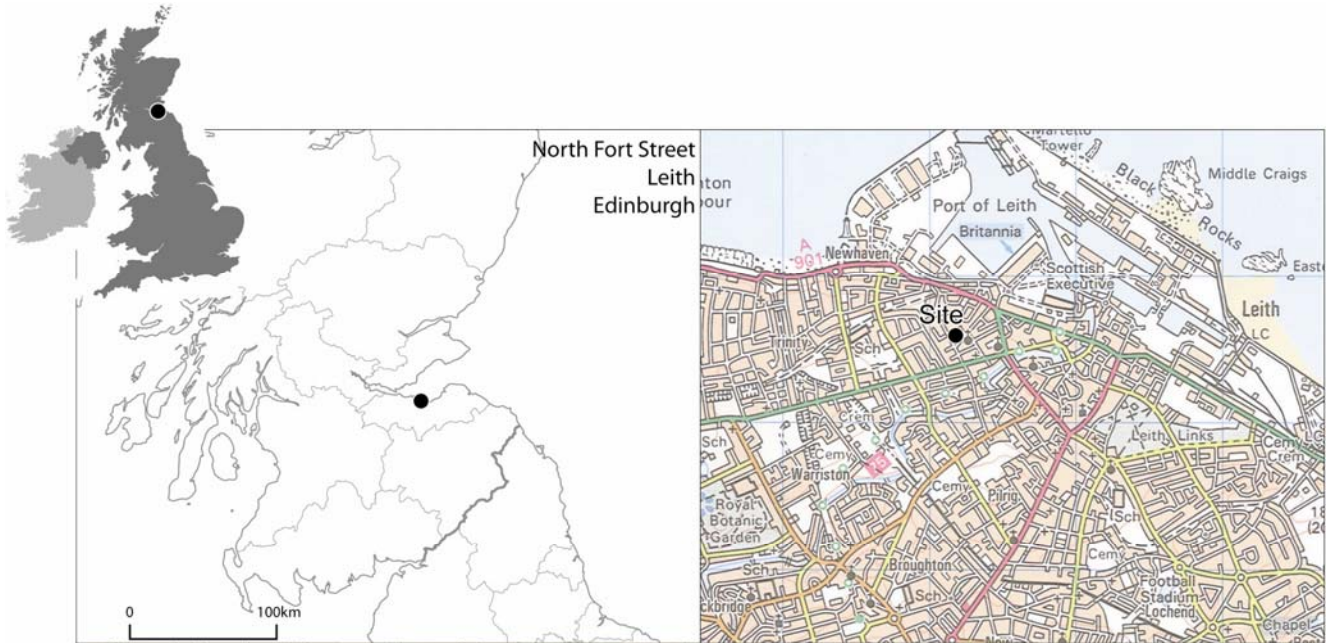
Schedule
Report December 2011

Signed off by
.....Sorina Spanou.....:

Date:

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Scale 1:1,250 @ A4



Forth House, Leith, Edinburgh

Archaeological Desk-Based Assessment and Historic Building Recording

by Elizabeth Jones

A desk-based assessment, walkover survey and historic building recording were undertaken on the site of Fort House, Leith prior to its demolition. The site is due to be redeveloped for housing next year. Leith Fort was built in 1780 to protect the harbour and was enlarged in the early 18th century during the Napoleonic Wars. The boundary wall, gate piers and guardhouses belonging to this later extension still survive on the site and are Category B listed; they will be retained within the final development. The fort was used as the headquarters for the Royal Artillery from the late 19th century; the barracks were demolished in the 1960s to make way for new housing. The eastern guardhouse has been gutted internally and is used as an electricity substation serving Fort House and some of the houses in the vicinity. The western guardhouse has been substantially altered internally and is used as the Concierge Office for Fort House. It is proposed that the evaluation trenches target the buildings as shown on the first edition Ordnance Survey map and Kirkwood's map of 1817.

1. INTRODUCTION

This report contains the results of a desk-based assessment, walkover and historic building recording carried out at Fort House, Leith (NT 2615 7662; Illus 1). Demolition work will start on the site later this year with a view to develop the site for housing. The site occupies the southern end of the historic Fort at Leith, originally built in 1780. The site is bounded to the east, south and west by the upstanding outer wall of an early 19th-century extension to the Fort, comprising barracks and a parade ground. The southern wall contains an original entrance and two guardhouses. The guardhouses and wall are Category B listed (HB 27221) and will be retained in the final development.

This work comprises Phase 1 of the programme of archaeological works, intended to inform the location of trial trenches, which will form the Phase 2 works. This programme is intended to provide information on the potential for unrecorded archaeological remains and subsequently to determine the scope of further archaeological mitigation (Phase 3) if required. The work follows the specification provided by the City of Edinburgh Council Archaeology Service (CECAS) and a Project Design submitted by Headland Archaeology Ltd and approved by CECAS.

The historic building recording and walkover survey were undertaken on 26th September 2011.

2. METHODOLOGY

The desk-based assessment examined the following sources:

- Databases maintained by Historic Scotland of designated cultural heritage features within the proposed site
- Archaeological records held by RCAHMS relating to the proposed site and surrounding 100m (including relevant aerial photographs)
- Records held by the local Historic Environment Record relating to the proposed site and surrounding 100m
- Maps held by the National Library of Scotland
- Readily available, published sources

The walkover survey included a photographic record of areas subject to evaluation.

The historic building survey of the surviving listed buildings and walls on the site comprised a Level 2 building survey (RCHME 1996) and included:

- Photographic record – internal and external, including room by room coverage. External shots included shots to put the buildings and walls into context.
- Written description – description of internal and external features including

room by room coverage and record of any significant architectural features

- Drawing – annotation of original plans

3. RESULTS

3.1. Archaeological and Historical Background

Leith Fort was built to protect the harbour, to the initial plans of James Craig, the architect of the New Town in Edinburgh, with construction starting in 1779 (Gifford *et al* 1991, 480). It contained a battery of 9 guns in half-moon formation facing northwards, with large bastions on the southern side. The earliest map to show the original fort built in 1780 is Ainslie's map of 1804 (Illus 2), which shows a half-moon battery to the north, with a building block in the centre and large bastions at the southern end; it is labelled His Majesty's Battery. The battery is also shown on Scott's map of 1805 (Illus 3), which has the word 'Barracks' written alongside the bastions. A detailed plan of the 'Inclosed Battery or Redoubt' was produced by Andrew Frazer in 1785.

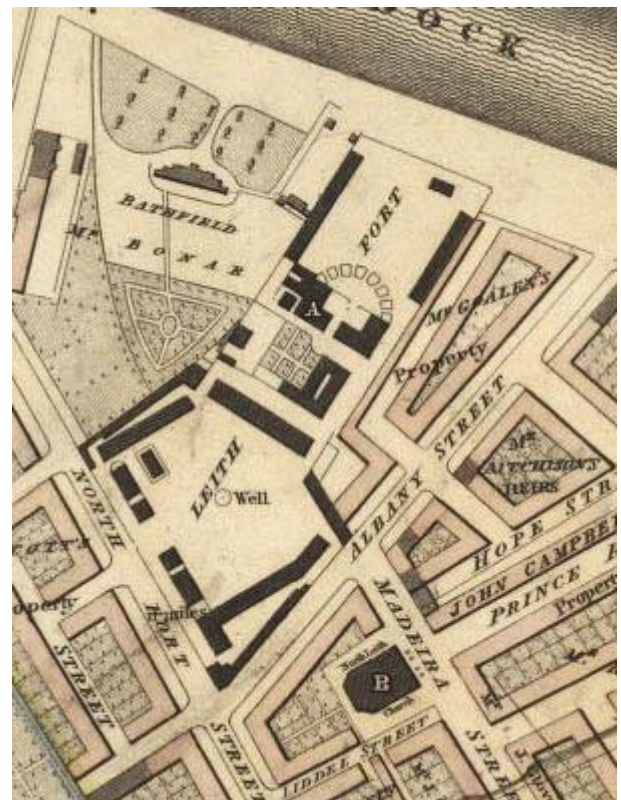


Illus 2: Ainslie 1804

Considerable enlargement of the fort took place in the early 19th century during the Napoleonic Wars to house French prisoners (Gifford *et al* 1991, 480); this included the boundary wall, guardhouses and gateway in the southern wall. A series of plans of both the battery and the new parade ground extension were produced by Henry Watt prior to November 1804. These show details of the new ground, including elevations of the guard houses and soldiers' barracks and proposed buildings within the original battery and grounds.



Illus 3: Scott 1805



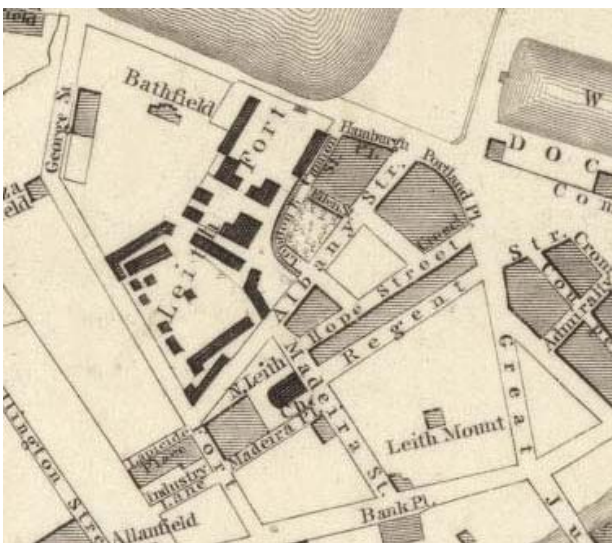
Illus 4: Kirkwood 1817

The plan of the new extension to the fort shows the area of the site in some detail (Watt pre-1804). Flanking the southern entrance (North Fort Street) to the fort are the west and east guardhouses; the west is labelled 'Orderly RM' and 'Stable Guard', the east 'Guard House'. There are storehouses adjoining either side of the guardhouses. There are stable blocks on both the east and west sides and a row of shops against the eastern wall. The northern side is occupied by barracks with buildings marked 'Necessary' and 'Gunshed' to the

east and 'Proposed Magazine' to the west. There are two entrances 'from new to old ground' on either side of the barracks. There is also a well in the centre with drains extending to the north-east and south-west.



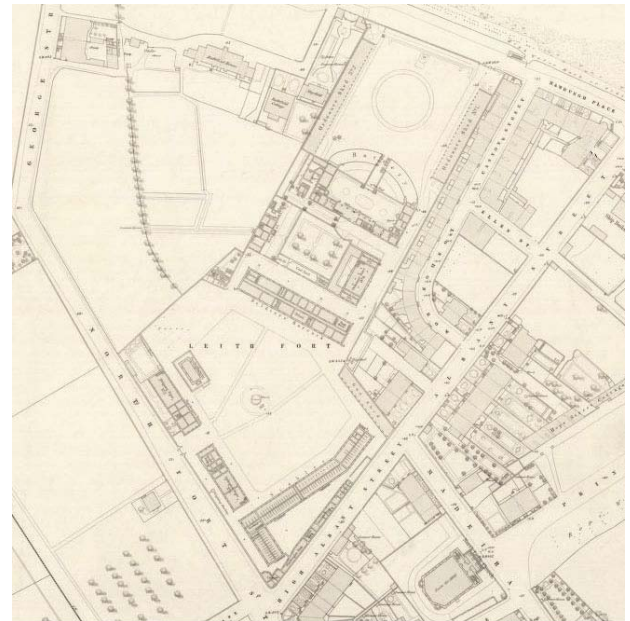
Illus 5: Crawford 1824



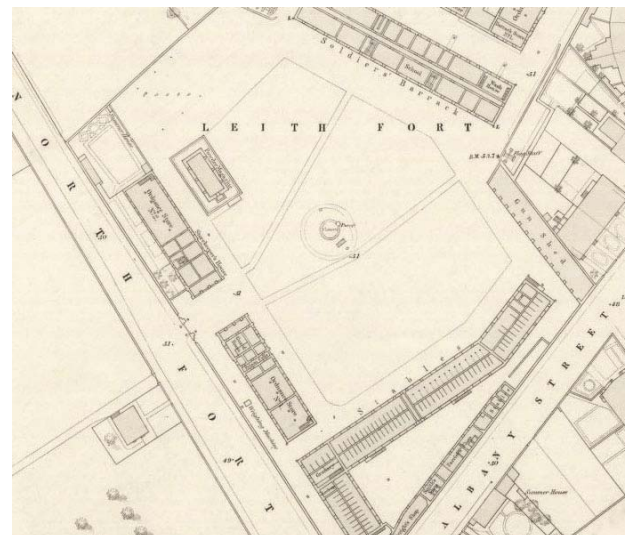
Illus 6: Stevenson 1837

The earliest map to show the new extension and modifications to the fort in detail is Kirkwood's plan of 1817 (Illus 4). This shows the buildings much as detailed on Watt's plan but in addition shows a building against the western wall and south-western corner; a building to the north of the western gatehouse and the building comprising the shops against the eastern wall extending into the south-eastern corner. Maps from 1824 and 1837 (Illus 5 & 6) show no change to the layout of these

buildings, although the half-moon battery on the original fort has gone by 1824.



Illus 7: Ordnance Survey 1853



Illus 8: Ordnance Survey 1853 – detail

The fort was later developed as the headquarters of the Royal Artillery in Scotland (Gifford *et al* 1991, 480). This seems to have taken place in the mid-19th century. The first edition Ordnance Survey map (1853; Illus 7 & 8) shows that the buildings against the west wall and the western stable block have gone. The other buildings are labelled in detail. The Western guardhouse is labelled 'Storekeepers House' with 'Ordnance Store 2' to the west; the eastern guardhouse is labelled 'Guard Room' with 'Ordnance Store 1' to the east, with 'Prison Cells' in between. The shops along the eastern wall include Canteen, Wheelwrights shop, Smith and Farriers shop. The 'Gun Shed' remains in the north-eastern

corner and there is a 'Soldier's Privy' in the north-west corner. The building in the south-western corner is the 'Summer House'. The Parade Ground is divided by paths into three and there is a well and pump in the centre.

The area is labelled 'Artillery' on the second edition OS map (1877; Illus 9) and there is an additional building to the north of the western block; the well has gone. The area is labelled 'RA Depot' (Royal Artillery) on the OS map from 1895 (Illus 10) and a series of possible shooting targets are shown to the west of the eastern stable block. The area continues as Leith Fort Royal Artillery Depot on maps up until 1931, when the name is changed to Leith Fort barracks; there is no change to the layout of the buildings. By 1946-8 there are more buildings on the east and northern sides. An aerial photo from 1946 shows the western part of the site empty of buildings, with what look like large mounds of earth in this area; the guardhouses are visible and the buildings along the south side are still upstanding. There is a large bank to the rear of Area B, which is thought to hide a walled maze built in the 1960s that possibly incorporates some earlier historic fabric.



Illus 9: Ordnance Survey 1878

Most of the fort was demolished during the 1960s to make way for new housing schemes. The Barracks are still shown on maps of 1955 and 1966; by 1971 Fort House is shown on the site. The new housing estate has several entries in the NMRS

(Table 1) including Cairngorm House (NT27NE 1606) and Grampian House (NT27NE 1607) two tower blocks occupying the northern part of the fort, outwith the present site, that were demolished in 1997. They were the tallest tower blocks in Scotland at the time of their completion in 1963. An archaeological evaluation to the west of the site revealed the building foundations of the primary school shown on later 19th-century maps and revealed natural deposits between 0.7-1.3m below the present ground surface (Badger 2004).



Illus 10 Ordnance Survey 1878 – detail

Name	NMRS no.	Description	HB no.
Cairngorm House	NT27NE 1606	TOWER BLOCK	
Grampian House	NT27NE 1607	TOWER BLOCK	
Leith Fort	NT27NE 288	FORT	B - 27221
Leith Fort gateway and boundary wall	NT27NE 288.02	GATEWAY, WALL	B - 27221
Leith Fort Housing	NT27NE 107	HOUSING ESTATE	
Leith Fort Housing	NT27NE 289	HOUSING ESTATE, TOWER BLOCKS	
Leith Fort lodges	NT27NE 288.01	GATE LODGE	B - 27221
Lindsay Street	NT27NE 1605	TOWER BLOCK	
Lindsay Street	NT27NE 1606	TOWER BLOCK	

Nort Fort Street evaluation	NT27NE 739	SCHOOL	
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Table 1: Sites listed in NMRS

3.2. Historic Building Recording

The Category B listed buildings on the site as described by Historic Scotland comprise two guardhouses, the gateway and the boundary wall; entered in the NMRS as NT27NE 288, 288.1, and 288.2 (Table 1). The boundary wall is of rubble construction with ashlar coping and bounds North Fort Street to the south, Portland Street to the east and part of the west side of the site (Illus 11). The main entrance gateway consists of a pair of corniced ashlar gate piers flanked by two round-headed pedestrian arches (McKean 1992, 221; Illus 12 & 13). The outer posts of the arches are marked with Ordnance Survey benchmarks. The eastern arch has been blocked with a black-painted metal gate.



Illus 11: Boundary Wall , Portland Street



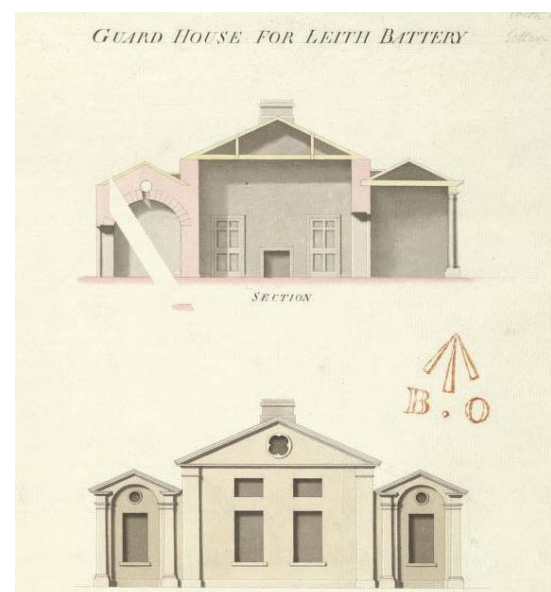
Illus 12: Gate piers and pedestrian arches

Inside the entrance is a pair of matching Palladian lodges (c1810) aligned to flank the gateway and framing the forecourt within the fort (Illus 14). Both the guardhouses comprise two-storey, two-

bay structures. The walls are of sandstone rubble with droved ashlar to the front (north) and towards the courtyard, with polished ashlar dressings. The roof is covered with grey slate and has open-pedimented end gables flanked by single storey bays with flat roofs. The inner bays have round-headed openings and pilasters, the outer bays are plainer with oculi on the north elevations. Pedimented four-bay Roman Doric loggias face the courtyard with entablature and blocking course with pedimented central bays (McKean 1992, 221). Both loggias have been painted red on the inside and the open windows of the loggias contain black painted ironwork. The eastern guardhouse is currently used as an electricity substation, while the western guardhouse is used as the Concierge Office for Fort House. There is no evidence of the buildings that previously adjoined the guardhouses as shown on the first edition map and Kirkwood's plan.



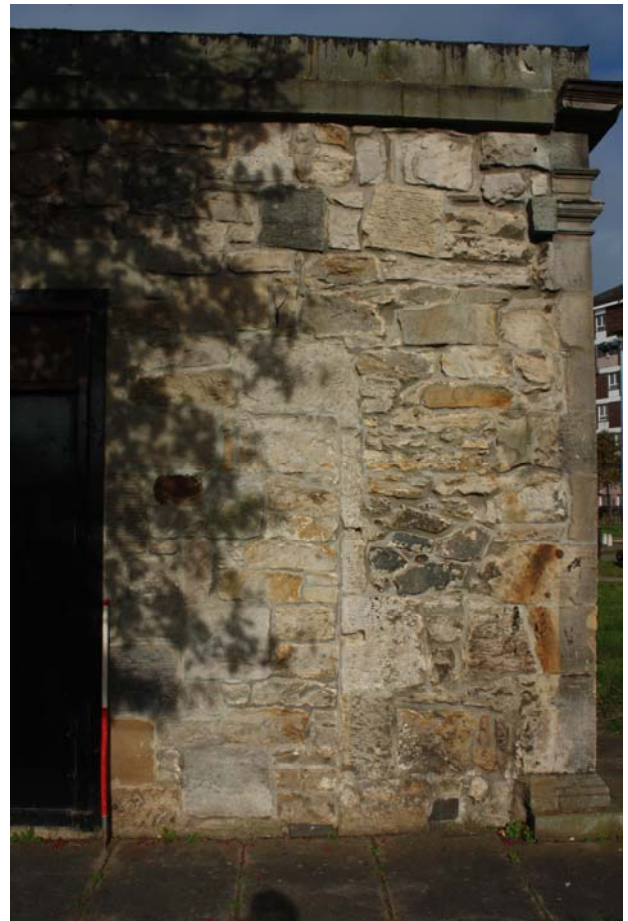
Illus 13: Old Photo of Leith Fort © RCAHMS



Illus 14: Guard House Section and Elevation (Watt pre-1804)

3.2.1 Eastern guardhouse

The eastern guardhouse is accessed from the frontage through two large brown wooden doors either side of the original blocked window. All windows on the north elevation have been blocked; the window in the single storey building has been half blocked (upper) and a vent inserted in the lower half (Illus 15). The eastern elevation contains two large brown wooden doors, giving access to the rear of the building. There are two visible blocked doorways on the western side of the building. One of these is to the north of the N door, the other to the north of the S door (Illus 16, 17). They have been blocked with sandstone and are c 1.9m high by 0.8m wide. The existing doors have new sandstone lintels above. The single storey building has four rooms on the original plans of the building (Illus 18), however the first edition OS map (1853, Illus 7 & 8) shows three rooms, which corresponds with the location of the blocked and enlarged doors. All windows in the southern wall have also been blocked with the window in the single storey building replaced with a vent and a new lintel.



Illus 17: Eastern guardhouse, E elevation showing blocked doorway to N, detail



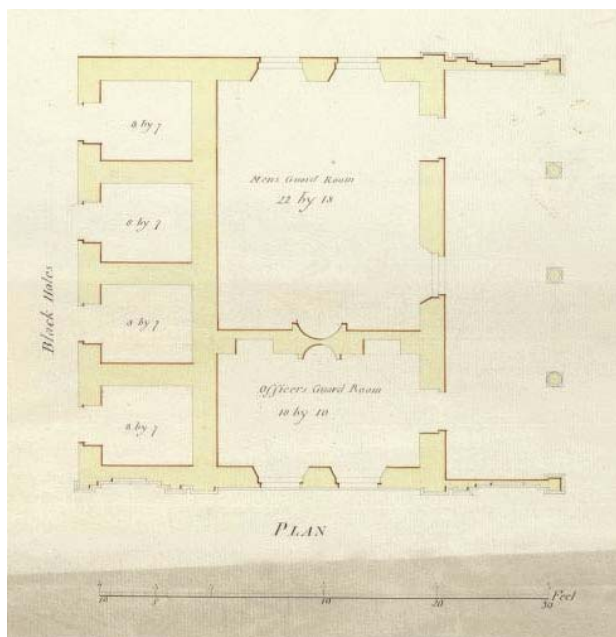
Illus 15: Eastern guardhouse looking SE



Illus 16: Eastern guardhouse, E elevation showing blocked doorways

Internally the building comprises two large rooms. Room 1 is at the front (west) of the building and comprises the original Men's Guard room and Officers Guard Room as shown on the original plans of the building (Illus 18). The dividing wall has been removed, as has the upper floor and there are no remaining original features. The walls are of rubble with brick additions and have been whitewashed. The blocked windows are visible on the north wall (Illus 19). The west window has been blocked with brick and is flush to the wall, the east window is recessed; the wooden lintels of the upper storey windows are visible. A narrow metal door through to Room 2, not on the original plan, is at the centre of the east wall. There are also two vents either side of the door through to Room 2 and holes in the floor to take the electricity cables. There are two LV feeder supply switchboards on the east wall, the north serves Fort House, the south the houses in the vicinity. There is a blocked doorway at the west end of the southern wall. Two freestanding 11kv ring switches stand on the west side of the room.

Room 2 is accessed via Room 1 or through the rear (east) doors. It comprises a single room occupying the single storey building. The dividing walls as shown on the original plan have been removed and the doorways altered as described above; the doorways have concrete lintels. The walls are of rubble with brick repairs and blocking; a number of the bricks are marked 'NIDDRIE'. The windows in the north and south walls are blocked with brick. There are two 11,000 – 450 volt transformers, one at each end of the room (Illus 20).



Illus 18: Guard House Plan (Watt pre-1804)

3.2.2 Western guardhouse

The western guardhouse is accessed from the frontage (east) through a large brown wooden door at the south end; this has a black metal cover when it is locked. The window is covered with white painted metal bars. The door to the north leads to a store cupboard. All windows on the north wall are fitted with padlocked metal grills; those on the ground floor have frosted glass (Illus 21). The west wall has three single pane circular windows with sandstone surround (Illus 22); no other features are visible. The southern wall was not fully visible due to a large metal gate.

Internally the building has been substantially altered from the original ground plan (Illus 18), although the main divisions remain. On the lower floor the main door leads into Room 10. The walls are covered with textured wallpaper, painted cream, the floor is carpeted. There is a suspended

ceiling with square tiles and three square reflective lights with fluorescent bulbs. The external door is wooden with 2 by 3 panels and a skylight. The internal doors are light wood with aluminium handles and painted white. There is a recessed window on the south wall with a window sill with alcove beneath, and wooden sash and case frame divided into 3 by 4 panes. There is a window to the next room above an alcove on the west wall and a leaflet holder on the north wall. A door in the west wall leads to Room 8. These two rooms comprise the original Officers' Guard Room as shown on the original plan, which has been divided in half. Room 8 has the same internal decoration and an identical window on the south wall. There is a door on the west wall leading to the hall and two doors on the north wall, one to Room 9 and one to Room 11; the room is not furnished.



Illus 19: Eastern guardhouse, Room 1, blocked windows in north wall

The original Men's Guard Room (Illus 18) has been divided into three; all internal decoration is the same. Room 11 occupies the western half, Rooms 9 and 12 occupy the south-eastern and north-eastern quarters respectively. Room 11 has a door on the

south wall to Room 8 and a door just off centre of the east wall to Room 9. There is a window in the north wall, as in Room 10. There is a cupboard in the south-east corner of the room and a heater on the east wall but no other furniture. Room 9 is the concierge office and contains desks and computer equipment on the north, east and south walls. There is a window on the east wall, as in Room 10. Room 12 is accessed from the door at the north end of the frontage. It is in use as a store cupboard. It has a window on the north wall, as Room 10, a floor-level sink on the west wall and shelving on the south wall.



Illus 20: Eastern guardhouse, Transformer 2 in Room 2



Illus 21: Western guardhouse, N elevation

A door from Room 8 leads into the hall, in the single storey building. The wall fabric is as the other rooms, the ceiling is painted white and the floor is linoleum. There is loft access at the south and north end of the hall. The back door is in the south wall at the west end and is the same as the front door; there is a small vestibule area before the hall narrows. Leading north there is a spiral staircase to the right, an under stairs cupboard, two toilet rooms (Rooms 6 and 5 and a shower room at the end (Room 4). The vestibule and three rooms

occupy the original east-west divisions as shown on the original plan (Illus 18). The doors for Rooms 5 and 6 are through an inserted partition wall on the west side of the hall and the door for Room 4 is through the south wall of the room, making the room somewhat larger than the other two. The three circular windows as seen on the outside west wall are on the stairs and in Rooms 5 and 6. There is a window on the north wall of Room 4, as Room 11. The first edition OS map (1853, Illus 7 & 8), however shows a slightly different layout to the original plan, with the single storey building divided into two rooms, with the staircase in the south-west corner. The building was either not completed to the original plans, had already been altered by the time of the 1853 map or the 1853 map is not accurate.



Illus 22: Western guardhouse, circular windows in west wall

There are no original plans of the first floor of the buildings. However the rooms on the first floor are described as if the layout was identical to the ground floor layout. The first floor has also been altered. From the stairs a door to the right leads into Room 1, which comprises the upper floor of the Officers' Guard Room. The walls are plastered, with painted artex ceilings. There are two windows on the south wall, square with wooden sash and case frame divided into 3 by 4 panes. The landing has a roof light. From the landing a door to the north leads to a small vestibule. To the north is a kitchen (Room 2), which occupies the west side of the upper floor of the Men's Guard Room. It has a window on the north wall as Room 1. On the east side of the vestibule is Room 3; there was no access into this room.

4. DISCUSSION

The assessment has demonstrated that it is likely that the remains of buildings relating to the extension of Leith Fort in the early 19th century survive on the site. Work to the west of the site has shown that building foundations of similar date survive in the area. Natural deposits on the site to the west were found at a maximum depth of 1.3m below the present ground surface, suggesting that any structural remains will be above that depth. Given the potential for structural remains it is proposed that the trenches target the buildings in Areas A – E (see attached proposed trench plan). The proposed trench layout is based on the buildings shown on the first edition Ordnance Survey map, which shows buildings largely unchanged from Kirkwood's map of 1817. Trenches in Area A will be sited to cover the barracks, the eastern stables and the gun shed. Trenches in Area B will be sited to look for the Ordnance Store adjoining the guardhouse; the mounded area will be avoided. Trenches in Area C will look for the buildings shown at the west of the site on Kirkwood's map but not shown on the first edition OS map; the buildings in the north-west corner of the site and the barracks; the site of the barracks in this area is beneath hard standing. Trenches in Area D will be sited to look for the buildings shown adjoining the eastern guardhouse. Trenches in Area E will look for the workshops adjoining the eastern wall and the eastern end of the stable block.

The proposed trench plan covers 7% of the available area (370m linear trenches), which has been reduced from 10% due to current constraints (services, mounded area, areas of hard standing). The walkover survey demonstrated that there is currently no access or access is blocked to Areas B and E; it is proposed that these areas should be evaluated following demolition.

The listed buildings on the site remain largely unchanged from the listing information given in 1970. The historic building recording demonstrated that although the two guardhouses survive externally as originally built, they have been substantially altered internally and no original features remain inside.

5. ACKNOWLEDGEMENTS

Thanks to Stephen Bissell from Scottish Power for providing access into the eastern guardhouse.

6. REFERENCES

6.1 Bibliography

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McKean, C 1992 *Edinburgh: an illustrated architectural guide*. RIAS/Landmark Trust series, Edinburgh.

RCHME 1996 *Recording Historic Buildings A Descriptive specification*, 3rd edition. RCHME, Swindon.

6.2 Maps

1785 Frazer, A *Plan of the Inclosed battery or Redoubt near Leith*.

Pre-1804 Watt, H *Elevation of barracks*.

Pre-1804 Watt, H *Guard House for Leith Battery*.

Pre-1804 Watt, H *Leith Fort. Barracks*.

Pre-1804 Watt, H *Leith Fort. Proposed Buildings*.

1804 Ainslie, J *Old and New Town of Edinburgh and Leith with the proposed docks*.

1805 Scott, R *The Strangers Guide, being a Plan of Edinburgh and Leith exhibiting all the streets principal buildings & late improvements*.

1817 Kirkwood, R *This plan of the City of Edinburgh and its environs*.

1824 Crawford, D *Sketch of the City of Edinburgh and Leith*.

1837 Stevenson, R & son *The city of Edinburgh*.

1853 Ordnance Survey *Town Plan of Edinburgh*,
Sheet 12, (Surveyed 1852), 1:1056.

1878 Ordnance Survey *Town Plan of Edinburgh*,
Sheet 12, (Surveyed 1877), 1:1056.

1895 Ordnance Survey *Town Plan of Edinburgh*,
I.16.16, (Surveyed 1894), 1:500.

1946 Ordnance Survey NT27NE (Midlothian), Air
Photo Mosaics, (Surveyed 1946).

APPENDIX 1: PHOTOGRAPHIC REGISTER

Note: all directions given use North Fort Street as southern boundary of site

Photo No.	Direction facing	Description
FHLE11-001-1	W	E Boundary wall at Portland Street , south to north
FHLE11-001-2	W	E Boundary wall at Portland Street , south to north
FHLE11-001-3	W	E Boundary wall at Portland Street , south to north
FHLE11-001-4	W	E Boundary wall at Portland Street , south to north
FHLE11-001-5	W	E Boundary wall at Portland Street , south to north
FHLE11-001-6	W	E Boundary wall at Portland Street , south to north
FHLE11-001-7	W	E Boundary wall at Portland Street , south to north
FHLE11-001-8	W	E Boundary wall at Portland Street , south to north
FHLE11-001-9	W	E Boundary wall at Portland Street , south to north
FHLE11-001-10	W	E Boundary wall at Portland Street , south to north
FHLE11-001-11	N	East guardhouse, Room 2 Transformer 2
FHLE11-001-12	N	East guardhouse, Room 2 Transformer, 'NIDDRIE' brick on wall
FHLE11-001-13	E	East guardhouse, Room 2, North Door
FHLE11-001-14	SE	East guardhouse, Room 2, East wall doors
FHLE11-001-15	SE	East guardhouse, Room 2, East wall
FHLE11-001-16	S	East guardhouse, Room 2, Transformer 1
FHLE11-001-17	SW	East guardhouse, Room 2, vent to Room 1 and door in W wall
FHLE11-001-18	W	East guardhouse, Room 2, Door to Room 1
FHLE11-001-19	NW	East guardhouse, Room 2, door and west wall
FHLE11-001-20	S	East guardhouse, Room 2, blocked window S wall
FHLE11-001-21	E	East guardhouse, Room 2, hook on E wall
FHLE11-001-22	N	East guardhouse, Room 1, N wall showing blocked windows
FHLE11-001-23	N	East guardhouse, Room 1, N wall showing blocked windows
FHLE11-001-24	N	East guardhouse, Room 1, blocked window (w) detail
FHLE11-001-25	N	East guardhouse, Room 1, blocked window (e) detail

FHLE11-001-26	N	East guardhouse, Room 1, blocked window (e) detail
FHLE11-001-27	E	East guardhouse, Room 1, LV feeder supply to flats
FHLE11-001-28	E	East guardhouse, Room 1, LV feeder supply to flats
FHLE11-001-29	SE	East guardhouse, Room 1, LV feeder supply to flats
FHLE11-001-30	E	East guardhouse, Room 1, vent to Room 2 in E wall
FHLE11-001-31	E	East guardhouse, Room 1, door through to Room 2
FHLE11-001-32	E	East guardhouse, Room 1, LV feeder supply to surrounding houses
FHLE11-001-33	E	East guardhouse, Room 1, E wall S end
FHLE11-001-34	E	East guardhouse, Room 1, vents in E wall
FHLE11-001-35	S	East guardhouse, Room 1, S wall
FHLE11-001-36	S	East guardhouse, Room 1, blocked doorway in S wall
FHLE11-001-37	W	East guardhouse, Room 1, door in W wall
FHLE11-001-38	W	East guardhouse, Room 1, W wall and 11kv freestanding ring switches
FHLE11-001-39	W	East guardhouse, Room 1, W wall
FHLE11-001-40	W	East guardhouse, Room 1, door in W wall
FHLE11-001-41	SE	LV feeder switches and holes in floor
FHLE11-001-42	E	East guardhouse, front loggia
FHLE11-001-43	NE	East guardhouse, front loggia
FHLE11-001-44	N	East guardhouse, S end loggia window
FHLE11-001-45	S	East guardhouse, S end loggia window from inside
FHLE11-001-46	VOID	VOID
FHLE11-001-47	VOID	VOID
FHLE11-001-48	N	East guardhouse, N window of loggia
FHLE11-001-49	E	East guardhouse, North door of frontage
FHLE11-001-50	E	East guardhouse, blocked window of frontage
FHLE11-001-51	E	East guardhouse, S door of frontage
FHLE11-001-52	N	Plaque on E gate pier
FHLE11-001-53	S	East guardhouse, N elevation
FHLE11-001-54	S	East guardhouse, N elevation, E end
FHLE11-001-55	S	East guardhouse, N elevation, W end
FHLE11-001-56	SW	View of western guardhouse and Fort House
FHLE11-001-57	W	View of Fort House and Area D
FHLE11-001-58	SE	View of Fort House and Area D
FHLE11-001-59	N	Entrance to Fort House
FHLE11-001-60	NE	View of Fort House and Area D

FHLE11-001-61	W	East guardhouse, E elevation
FHLE11-001-62	W	East guardhouse, E elevation north to south
FHLE11-001-63	W	East guardhouse, E elevation north to south
FHLE11-001-64	W	East guardhouse, E elevation north to south
FHLE11-001-65	W	East guardhouse, E elevation north to south
FHLE11-001-66	W	East guardhouse, E elevation north to south
FHLE11-001-67	W	East guardhouse, E elevation north to south
FHLE11-001-68	N	East guardhouse, S elevation
FHLE11-001-69	NW	East guardhouse, S elevation
FHLE11-001-70	N	West guardhouse, Room 1
FHLE11-001-71	N	West guardhouse, Room 1
FHLE11-001-72	E	West guardhouse, Room 1
FHLE11-001-73	W	West guardhouse, Room 1
FHLE11-001-74	W	West guardhouse, Room 1
FHLE11-001-75	SW	West guardhouse, Room 1
FHLE11-001-76	E	West guardhouse, landing
FHLE11-001-77	NW	West guardhouse, Room 2
FHLE11-001-78	N	West guardhouse, Room 2
FHLE11-001-79	S	West guardhouse, Room 2
FHLE11-001-80	S	West guardhouse, Room 2
FHLE11-001-81	W	West guardhouse, stairs
FHLE11-001-82	NW	West guardhouse, stairs
FHLE11-001-83	N	West guardhouse, hall
FHLE11-001-84	N	West guardhouse, Room 6
FHLE11-001-85	W	West guardhouse, Room 5 window
FHLE11-001-86	NW	West guardhouse, Room 4
FHLE11-001-87	E	West guardhouse, Room 4
FHLE11-001-88	SE	West guardhouse, Room 4
FHLE11-001-89	S	West guardhouse, hall
FHLE11-001-90	S	West guardhouse, hall
FHLE11-001-91	S	West guardhouse, external door in S wall of hall
FHLE11-001-92	W	West guardhouse, W wall of hall at S end
FHLE11-001-93	E	West guardhouse, Room 8
FHLE11-001-94	N	West guardhouse, Room 8
FHLE11-001-95	NW	West guardhouse, Room 8
FHLE11-001-96	W	West guardhouse, Room 8
FHLE11-001-97	W	West guardhouse, Room 8 to hall
FHLE11-001-98	S	West guardhouse, Room 8 window in S wall
FHLE11-001-99	N	West guardhouse, Room 8 to Room 9

FHLE11-001-100	E	West guardhouse, window Room 9
FHLE11-001-101	E	West guardhouse, window Room 9
FHLE11-001-102	SE	West guardhouse, Room 9
FHLE11-001-103	S	West guardhouse, Room 9 to Room 8
FHLE11-001-104	VOID	VOID
FHLE11-001-105	S	West guardhouse, Room 11
FHLE11-001-106	N	West guardhouse, Room 11 window in N wall
FHLE11-001-107	N	West guardhouse, Room 10 external door
FHLE11-001-108	NE	West guardhouse, Room 10
FHLE11-001-109	N	West guardhouse, Room 10
FHLE11-001-110	W	West guardhouse, Room 10
FHLE11-001-111	SW	West guardhouse, Room 10 window
FHLE11-001-112	up	West guardhouse, Room 10 ceiling
FHLE11-001-113	N	West guardhouse, Room 12 window
FHLE11-001-114	E	West guardhouse, Room 12 external door
FHLE11-001-115	W	West guardhouse, Room 12
FHLE11-001-116	SW	West guardhouse, Room 12 shelves
FHLE11-001-117	SE	West guardhouse, W elevation
FHLE11-001-118	S	West guardhouse, N elevation
FHLE11-001-119	SE	View of east guardhouse
FHLE11-001-120	S	West guardhouse, N elevation W end
FHLE11-001-121	S	West guardhouse, N elevation E end
FHLE11-001-122	W	West guardhouse, frontage
FHLE11-001-123	NW	West guardhouse, frontage
FHLE11-001-124	W	West guardhouse, frontage, S door
FHLE11-001-125	W	West guardhouse, frontage, window
FHLE11-001-126	W	West guardhouse, frontage, N door
FHLE11-001-127	S	West guardhouse, S window of loggia
FHLE11-001-128	N	West guardhouse, N window of loggia
FHLE11-001-129	N	West guardhouse, S window of loggia
FHLE11-001-130	S	Western arched gateway at entrance
FHLE11-001-131	S	Eastern arched gateway at entrance
FHLE11-001-132	N	Western gateway
FHLE11-001-133	N	Eastern gateway
FHLE11-001-134	N	Looking into Fort from North Fort Street
FHLE11-001-135	NE	Looking into Fort from North Fort Street
FHLE11-001-136	NW	Looking into Fort from North Fort Street
FHLE11-001-137	NE	Cannon on grass in Fort
FHLE11-001-138	NW	Cannon on grass in Fort
FHLE11-001-139	N	Bench mark on E end of S boundary wall
FHLE11-001-140	N	S boundary wall, east to west
FHLE11-001-141	N	S boundary wall, east to west
FHLE11-001-142	N	S boundary wall, east to west
FHLE11-001-143	N	S boundary wall, east to west

FHLE11-001-144	N	S boundary wall, east to west
FHLE11-001-145	N	S boundary wall, east to west
FHLE11-001-146	N	S boundary wall, east to west
FHLE11-001-147	N	S boundary wall, east to west
FHLE11-001-148	N	S boundary wall, east to west
FHLE11-001-149	N	S boundary wall, east to west
FHLE11-001-150	N	S boundary wall, east to west
FHLE11-001-151	N	S boundary wall, east to west
FHLE11-001-152	N	S boundary wall, east to west
FHLE11-001-153	N	S boundary wall, east to west
FHLE11-001-154	N	S boundary wall, east to west
FHLE11-001-155	N	S boundary wall, east to west
FHLE11-001-156	N	S boundary wall, east to west
FHLE11-001-157	N	S boundary wall, east to west
FHLE11-001-158	N	S boundary wall, east to west
FHLE11-001-159	N	S boundary wall, east to west
FHLE11-001-160	N	S boundary wall, east to west
FHLE11-001-161	N	S boundary wall, east to west
FHLE11-001-162	N	S boundary wall, east to west
FHLE11-001-163	N	S boundary wall, east to west
FHLE11-001-164	N	S boundary wall, east to west
FHLE11-001-165	N	S boundary wall, east to west
FHLE11-001-166	N	S boundary wall, east to west
FHLE11-001-167	N	S boundary wall, east to west
FHLE11-001-168	N	S boundary wall, east to west
FHLE11-001-169	N	S boundary wall, east to west
FHLE11-001-170	N	S boundary wall, east to west
FHLE11-001-171	N	S boundary wall, east to west
FHLE11-001-172	N	S boundary wall, east to west
FHLE11-001-173	N	S boundary wall, east to west
FHLE11-001-174	N	S boundary wall, east to west
FHLE11-001-175	N	S boundary wall, east to west
FHLE11-001-176	N	S boundary wall, east to west
FHLE11-001-177	N	Bench mark on W end of S boundary wall
FHLE11-001-178	N	W boundary wall
FHLE11-001-179	E	W boundary wall
FHLE11-001-180	E	W boundary wall
FHLE11-001-181	E	W boundary wall
FHLE11-001-182	E	W boundary wall
FHLE11-001-183	VOID	VOID
FHLE11-001-184	NE	Upper section of W boundary wall
FHLE11-001-185	NE	Upper section of W boundary wall
FHLE11-001-186	W	Area B
FHLE11-001-187	E	Area B
FHLE11-001-188	E	Area A boundary wall, internal, south to

		north
FHLE11-001-189	E	Area A boundary wall, internal, south to north
FHLE11-001-190	E	Area A boundary wall, internal, south to north
FHLE11-001-191	E	Area A boundary wall, internal, south to north
FHLE11-001-192	E	Area A boundary wall, internal, south to north
FHLE11-001-193	N	Area A boundary wall, internal, east to west
FHLE11-001-194	N	Area A boundary wall, internal, east to west
FHLE11-001-195	N	Area A boundary wall, internal, east to west
FHLE11-001-196	N	Area A boundary wall, internal, east to west
FHLE11-001-197	N	Area A boundary wall, internal, east to west
FHLE11-001-198	N	Area A boundary wall, internal, east to west
FHLE11-001-199	N	Area A boundary wall, internal, east to west
FHLE11-001-200	N	Area A boundary wall, internal, east to west
FHLE11-001-201	N	Area A boundary wall, internal, east to west
FHLE11-001-202	N	Area A boundary wall, internal, east to west
FHLE11-001-203	N	Area A boundary wall, internal, east to west
FHLE11-001-204	E	Area A boundary wall, internal, south to north
FHLE11-001-205	E	Area A boundary wall, internal, south to north
FHLE11-001-206	E	Area A boundary wall, internal, south to north
FHLE11-001-207	E	Area A boundary wall, internal, south to north
FHLE11-001-208	E	Area A boundary wall, internal, south to north
FHLE11-001-209	E	Area A boundary wall, internal, south to north