

Archaeological monitoring of Metro North Utility Slit Trenching at St. Stephens Green, Dublin.

Ministerial Consent Registration Number: E3963

Project code: RPUT09

Director: Tara Doyle

Client: RPA

Date: October 2009



HEADLAND
ARCHAEOLOGY Ltd

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Executive Summary

Archaeological monitoring of 43 slit trenches was undertaken between 18 May 2009 and 5 July 2009. These trenches were necessary to identify the location, size and level gradient of all existing utilities and associated features including underground culverts and basements. This investigation was carried out on behalf of the Railway Procurement Agency as part of the design and construction of the proposed Metro North light rail project. These trenches were situated at several locations across Dublin City centre from the Mater Hospital in the north, to St Stephens Green in the south. A total of 14 slit trenches were located in close proximity to three National Monuments. Under Section 14 of the National Monuments (Amendment) Act 2004, these trenches required Ministerial Consent prior to excavation and included the Daniel O'Connell Monument (E3964), the William Smith O'Brien Monument (E3965) and St. Stephens Green Park (E3964). The remaining 29 trenches were excavated in accordance with the conditions of Section 26 of the National Monuments Act (as amended).

This report is concerned with eight slit trenches excavated in the vicinity of St. Stephens Green Park (E3963) and included ST 727, ST 728, ST 729, ST 730, ST 731, ST 733, ST 734 and ST 735. ST732 was situated outside the National Monuments constraints area and was therefore not subject to consent requirements. This trench was included in a separate report under licence number 08E956. In accordance with the conditions set out in the consent issued by the Minister for the Environment, Heritage and Local Government, a metal detection device was employed to assist with finds retrieval (Metal Detection consent number R139). All eight trenches and spoil heaps were spread and identified finds were collected.

Excavation of these eight trenches resulted in the temporary removal of pavement and/or carriageway to the northeast and northwest of St. Stephens Green Park. The permanent surfaces were removed using a con-saw and jack hammer. Each trench was subsequently hand dug. On completion of archaeological and utility recording and survey, the trenches were backfilled and the appropriate surface reinstated.

Post-medieval archaeological deposits were identified in trenches ST 727, ST 728, ST 730, ST 733 and ST 734. This included a single course of red brick that may have possibly formed a brick surface. An arch-shaped red brick cellar was encountered in ST 730. The post-medieval deposit encountered in ST 733 and ST 734 comprised of moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. It was unclear if these deposits were *in situ*.

1. Introduction

This report presents the results of archaeological monitoring of eight trenches located to the northeast and northwest of St. Stephens Green Park. Initially, the licence for the works was issued to RPA Archaeologist Eimear Dennehy, responsibility for this was later transferred to Tara Doyle of Headland Archaeology (Ireland) Ltd.

Consent for utility silt trench investigation in the vicinity of St. Stephens Green was issued by the Minister for the Environment, Heritage and Local Government under Section 14 of the National Monuments Act 1930 as amended by Section 5 of the National Monuments (Amendment) Act 2004. The relevant sections are quoted below:

Whereas

1. *St. Stephen's Green (DU018-020334), part of the historic city of Dublin, is a national monument in the ownership of the Minister for the environment, Heritage and Local Government.*
2. *Mr. R Leech, Project Manager, Metro North, Railway Procurement Agency (RPA), Parkgate Business Centre, Parkgate Street, Dublin 8, has requested the consent of the Minister to carry out trenching in proximity to the national monument and to archaeologically monitor the same. The purpose of the trenching is to establish the location of sub-surface utilities in connection with the installation of Metro North.*
3. *A method statement and details of the works have been submitted by Ms E Dennehy, Archaeological Consultant, and the RPA.*

The consent of the Minister under Section 14 of the National Monuments Act 1930, as amended by Section 5 of the National Monuments (Amendment) Act 2004 is hereby granted to the RPA and Ms Dennehy to carry out the proposed works and to archaeologically monitor same, subject to the conditions set out in Appendix 1 and the following further conditions:

- (a) Works to be carried out as per the method statement;*
- (b) The soil from the trenches to be spread in order to ascertain the artefact-bearing potential of the soil;*
- (c) Any archaeological features encountered during trenching to be excavated by hand;*
- (d) Should significant archaeological remains be encountered archaeological works shall cease pending consultation with National Monuments Service;*
- (e) A metal detection device to be employed to assist in finds retrieval;*
- (f) The services of an osteo-archaeologist to be available in the event of the recovery of human remains.*

2. Background

St. Stephens Green is a 27 acre park, situated to the south of the city, at the end of Grafton Street. In medieval times it was a marshy common area used for public grazing. This practice was carried out until 1663 when the Corporation decided to sell the perimeter lands of the common into 96 building lots and maintain the inner core as a fenced off green space. The Corporation then surrounded the Green by a stone wall and laid out formal pathways around the boundary. By 1814 the green had deteriorated to such an extent that it was handed over to Commissioners representing the local householders. They redesigned the park, demolished the walls and erected railings. Admittance to the park was confined to local residents, which was deeply resented by other citizens accustomed to its accessibility. Lord Ardilaun (Sir Arthur Guinness) resolved the problem when he secured, in 1877, the passing of an Act entrusting the maintenance of the Green to the Commissioners of Public Works, allowing access to the public again from 1880. Ardilaun also paid off the accrued debts of the Green

and funded new landscaping by architect J.E. Fuller and landscape designer William Shepard. The revamped Green included tree lined walks, ornamental lake, a fountain, colourful flowerbeds and herbaceous borders. A band stand was erected in 1887. Today the green maintains its Victorian layout. It has continuously been modernised by the addition of statues of prominent Dubliners, Irish men and women and modern sculpture.

The eight trenches associated with this report were located across the road, on the opposite side St. Stephens Green Park to the edge of the outer footpath (Figure 1). The majority of trenches incorporated both pavement and carriageway. The trenches are located outside the footprint of the National Monument but within its constraint Area. As a result of this, the slit trenches were subject to consent requirements under Section 14 of the National Monuments Act. .

3. Objectives

The objectives of archaeologically monitoring these eight slit trenches was to record and determine the character of any previously unknown archaeology within each trench and to recover artefacts according to the conditions stated in the Ministerial Consent (see above). This involved monitoring the excavation of slit trenches necessary to identify the location, size and level gradient of all existing sub-surface utilities and associated features.

4. Methods

Excavation of these eight trenches resulted in the temporary removal of pavement and/or carriageway to the northeast and southwest of the St. Stephens Green Park. The trenches were fenced off and a traffic/pedestrian management plan was set in place by GMC Ltd. The permanent surfaces were removed using a con-saw and jack hammer. Each trench was subsequently hand dug to a depth where utilities/archaeological features or deposits were encountered. The post-medieval archaeological deposits discovered though not *in situ*, were also hand dug and artefacts were recovered. On completion of archaeological and utility recording and survey, the trenches were backfilled and the appropriate surface immediately reinstated.

5. Results

A total of eight slit trenches were excavated to the northeast and northwest of St. Stephens Green Park (Figure 2). The result of each trench is described below.

ST 727

ST 727 was located to the south of Dawson St, at the junction with Stephens Green North. It was orientated in a northwest-southeast direction and measured approximately 7 m long by 0.60 m wide and was 1.15 m – 1.20 m deep. A deposit of moderately compact dark brown silty clay (002) with charcoal, stone and red brick inclusions was identified to the extreme east of the trench. It measured approximately 1 m long by 0.60 m wide with unknown thickness. Directly over it was a layer of red brick, which possibly formed a surface (001). It was identified for a length of 0.50 m within the trench and was 0.10 m thick. The brick was slightly degraded and crumbling and was bonded by a lime mortar. Utility pipes were identified to the west of the trench and no further archaeology was encountered.

ST 728 (Figure 3)

ST 728 was located on Stephens Green North, southwest of ST 727. It measured 7.50 m long by 0.60 m wide and was 0.20 m - 1.32 m deep. It was located on both the pavement and carriageway and was orientated in a northeast-southwest direction. Similar to the previously described trench ST 727 a deposit of moderately compact medium brown silty clay (003) with charcoal, stone and red brick inclusions was identified on the carriageway side of the trench. It measured approximately 5 m long by 0.60 m wide with unknown thickness. A thin lens of black charcoal rich silty clay (004) overlay this deposit to the kerb side of the trench (Plate 1). It measured 1.50 m long by 0.60 m wide and was 0.05 m – 0.10 m thick. Directly over this lens was a layer of red brick (005). This possibly formed a surface similar to the red brick surface in ST 727. The brick was degraded and very soft and measured 1.50 m long by 0.60 m wide with a thickness of 0.05 m – 0.10 m. Both the charcoal lens and the brick surface were truncated by a modern pit that contained light brown silt (006). To the south of this trench a further modern utility trench (014), at the base was a utility pipe. The fill of this modern trench (014) comprised of modern sand (013). Directly over this modern utility trench (014) and the possible red brick surface (005), was a modern deposit of moderately compact dark brown silty clay (007) with a moderate amount of stone inclusions. This deposit filled the carriageway side of the trench. Utility pipes were located within this deposit.

ST 729

ST 729 was situated in a northeast-southwest direction on Stephens Green North. It was located on both the pavement and carriageway and measured approximately 7 m long by 0.60 m wide and was 0.20 m – 1.30 m deep. Several utility pipes were identified within this trench and no archaeological features were encountered (Plate 2).

ST 730

ST 730 was situated in a northeast-southwest direction on the pavement of Stephens Green north. It measured 9 m long by 0.60 m wide and was 0.25 m – 0.30 m deep. Several utilities were identified within in this trench. A red brick arch-shaped ceiling of a cellar (008) and a vertical cellar wall were located to the extreme north of the trench (Plate 3). It measured approximately 0.50 m long by 0.60 m wide and lay approximately 0.30 m from the surface. The cellar was backfilled with building rubble (009).

ST 731

This trench was located in a northeast-southwest direction to the southern end of Grafton Street at the junction with St Stephens Green North and West. The trench measured 10 m long by 0.60 m wide and was 0.50 m – 1 m deep. Several utilities were located in this trench. A wall of red brick (010) was located to the extreme north of the trench (Plate 4). It represented a cellar wall and it was situated approximately 0.30 m from the surface. No archaeological features or deposits were identified within this trench.

ST 733

ST 733 was situated in a northwest-southeast direction on St. Stephens Green West. Seven utility pipes were identified within this trench. The trench measured 7.50 m long by 0.60 m wide and was 0.30 m – 0.60 m deep. A post-medieval deposit (011) identified was within this trench. It measured

approximately 1.02 m long by 0.60 m wide with unknown thickness and consisted of moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. It was unclear if this deposit was *in situ*.

ST 734

ST 734 was also situated in a northwest-southeast direction on St. Stephens Green West. This trench measured 6 m long by 0.60 m wide with a maximum depth of 0.75 m. Several utility pipes were located within this trench. A deposit (012) of moderately compact medium brown silty clay with charcoal, stone and red brick inclusions was also identified. It measured approximately 3 m long by 0.60 m wide with unknown thickness. It was unclear if this deposit was *in situ*.

ST 735

This trench was situated in a northwest-southeast direction on St. Stephens Green West. It was located to the southwest of the previously described trench (ST 734). It measured approximately 6 m long by 0.60 m wide and with a maximum depth of 1 m. Several utility pipes were identified within this trench and no archaeological features were encountered.

6. Discussion

In general, all eight trenches contained a number of modern utilities. Post-medieval archaeological deposits were identified in trenches ST 727, ST 728, ST 730, ST 733 and ST 734. These included a deposit with charcoal, stone and red brick inclusions and a single layer of red brick. The brick was slightly degraded and crumbling and was bonded by a lime mortar. The brick did not represent a wall or structure and may have possibly formed a surface of brick cobbling. The edge of a red brick arch-shaped cellar ceiling was encountered in ST 730. This was situated on the pavement of the trench and was clearly backfilled with rubble. The post-medieval deposit encountered in ST 733 and ST 734 comprised of moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. It was unclear if these deposits were *in situ*. It is possible these post-medieval deposits may have been imported from elsewhere and used to level the ground prior to previous construction work. No artefacts were recovered. The remaining trenches encountered utilities relatively close to the surface, therefore deeper excavation was not required and the chances of encountering archaeology at such shallow depths was extremely unlikely.

7. Recommendations

Based on the results of archaeological monitoring, it is recommended that any further investigations to be carried out in the vicinity of St. Stephens Green be monitored by a qualified archaeologist under the terms and conditions set down by Department of the Environment, Heritage and Local Government.

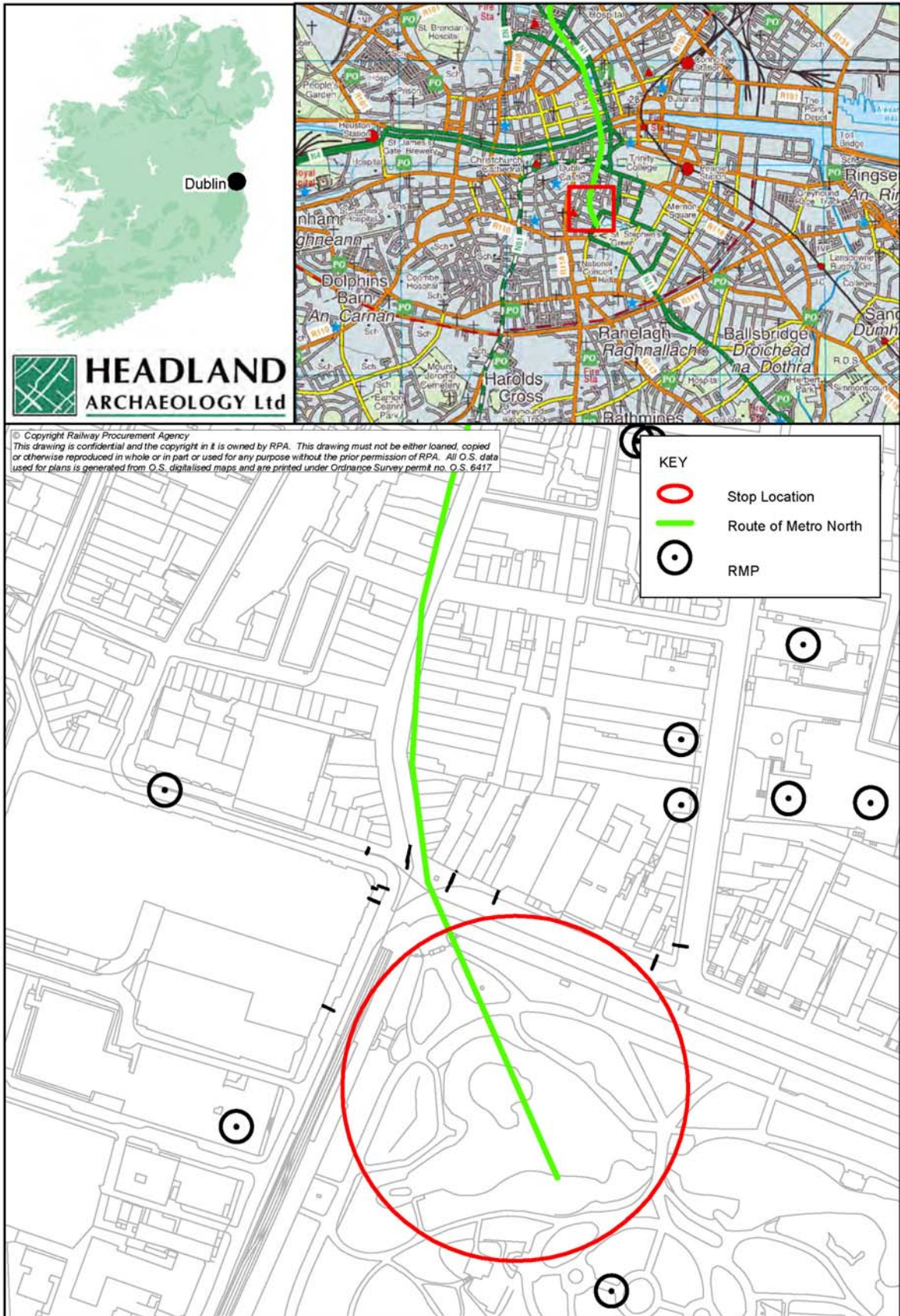
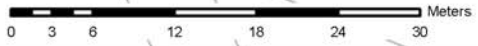
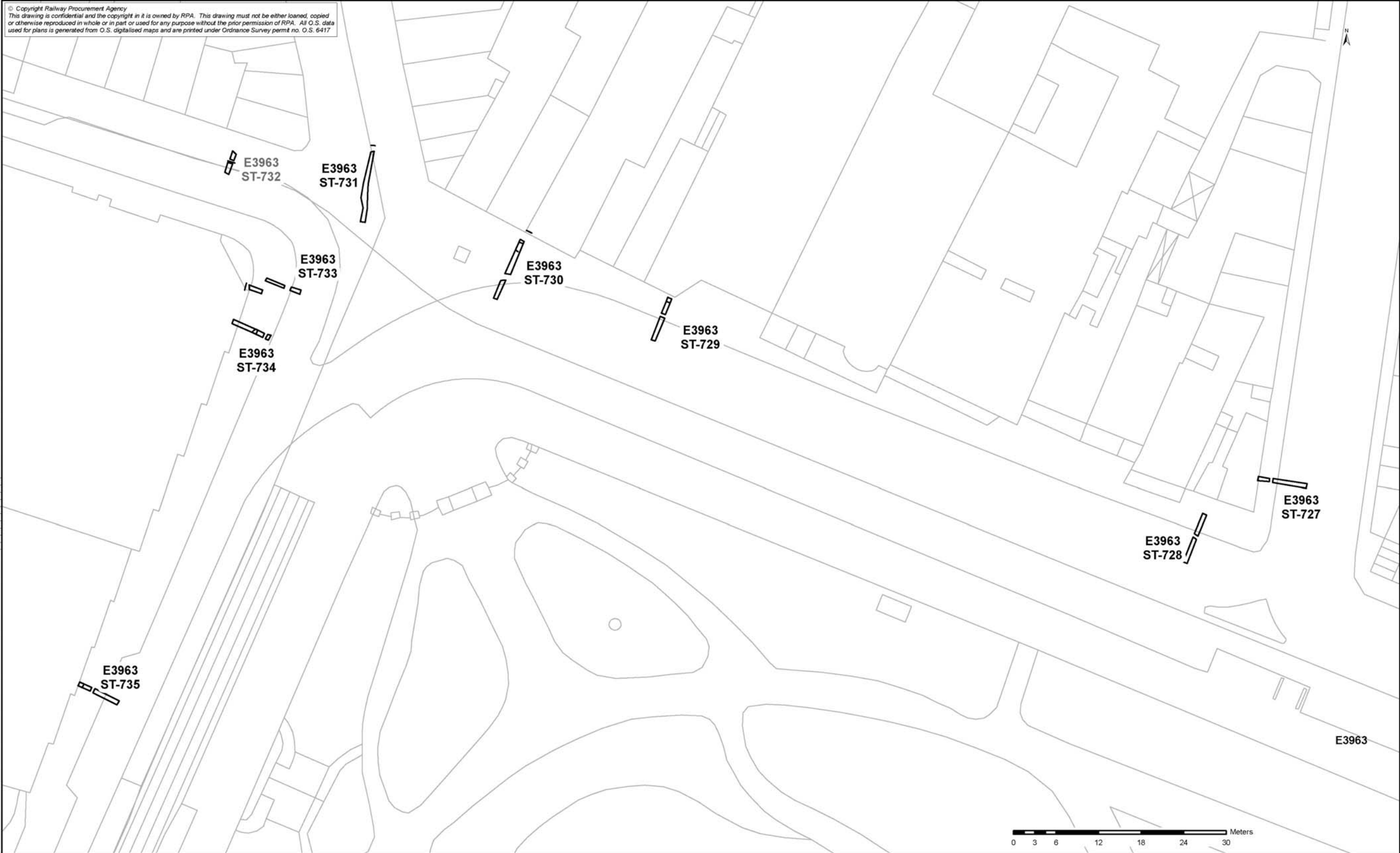


Figure 1 - RPA Utilities Slit Trench Monitoring: E3963, Location Map

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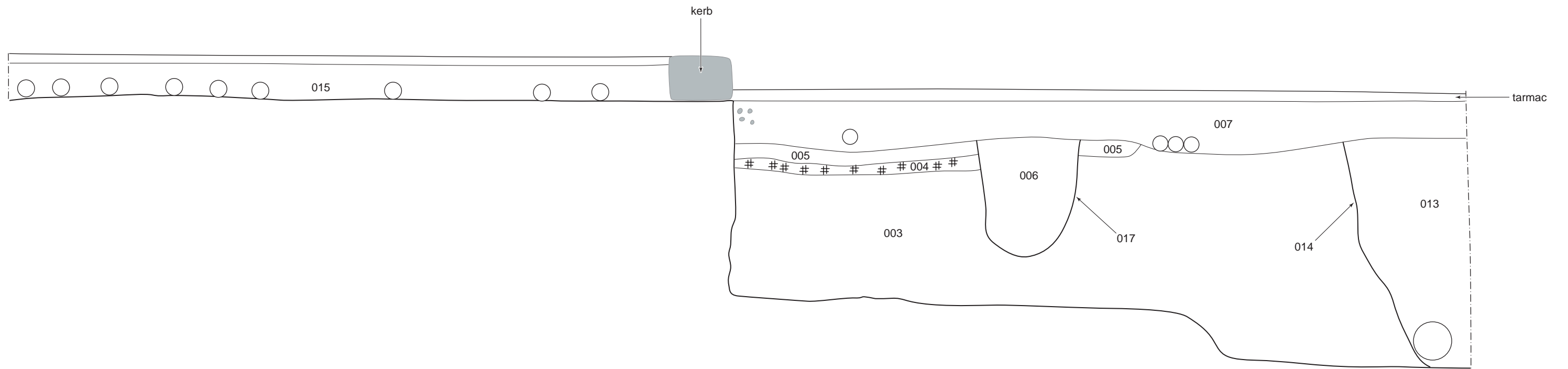
PREPARED: James Brigden	REVIEWED: Ross MacLeod	APPROVED: INITIALS
CHECKED: Jonathan Millar	CHECKED: Damian Shiels	DATE: October 2009
DATE: October 2009	DATE: October 2009	SCALE: 1:500 at A3

LOCATION: _____

Sheet 2 of 2

SPECIALIST TOPIC:
Figure 2 - RPA Utilities Slit Trench Monitoring,

AREA NO.	PLAN NO.	SUBJECT: Utility slit trench monitoring
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■	Stone
#	Charcoal
○	Utilities



Figure 3 - RPA Slit Trench Monitoring:
E3963, Section of slit trench 728.



Plate 1 - Mid-excavation of ST728 showing utilities, Stephens Green north, northeast-facing.



Plate 2 - Mid-excavation of carriageway ST729, Stephens Green north, southwest-facing.



Plate 3 - Mid-ex of ST730, Stephens Green north, west-facing.



Plate 4 - Mid-excavation of ST731, Grafton St., northeast-facing.

Appendix 1: Context Register

001	Surface	Single course of red brick and mortar, possibly a surface located in the easternmost extreme of the trench. A length of approximately 0.50 m was identified within the trench and it was 0.10 m thick. Brick was degraded and very soft.	Possible red brick surface, very degraded. In ST 727
002	Deposit	Moderately compact dark brown silty clay with charcoal, stone and red brick inclusions. Found directly under possible surface (001). It measured approximately 1 m long by 0.60 m wide with unknown thickness.	Post-medieval deposit in ST 727
003	Deposit	Moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. Found directly under charcoal layer (004). It measured approximately 5 m long by 0.60 m wide with unknown thickness.	Post-medieval deposit in ST 728
004	Deposit	Thin lens of black charcoal rich silty clay. It measured approximately 1.50 m long by 0.60 m wide and was 0.05 m - 0.10 m thick.	Post-medieval deposit in ST 728
005	Deposit	Single course of red brick and mortar, possibly a surface located in the north of the trench on the carriageway. A length of approximately 1.50 m was identified within this trench, it was 0.60 m wide and was 0.10 m thick. Brick was degraded and very soft.	Possible red brick surface, very degraded. In ST 728
006	Deposit	Modern light brown silt.	Modern deposit in ST 728
007	Deposit	Moderately compact dark brown silty clay with a moderate amount of stone inclusions	Modern deposit in ST 728
008	Cellar	Arch-shaped ceiling of a red brick mortared cellar and vertical cellar wall. It was located to the extreme north of the trench on the pavement and it measured approximately 0.50 m long by 0.60 m wide and lay approximately 0.30 m from the surface.	Post-medieval cellar in ST 730
009	Deposit	Red brick rubble in-fill in cellar (008). It measured approximately 0.50 m long by 0.60 m wide	Deposit representing backfilled cellar in ST 730

010	Wall	A red brick mortared vertical cellar wall. It was located to the extreme north of the trench on the pavement and lay approximately 0.30 m from the surface.	Post-medieval cellar in ST 731
011	Deposit	Moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. It measured approximately 1.02 m long by 0.60 m wide with unknown thickness.	Post-medieval deposit in ST 733
012	Deposit	Moderately compact medium brown silty clay with charcoal, stone and red brick inclusions. It measured approximately 3 m long by 0.60 m wide with unknown thickness.	Post-medieval deposit in ST 734
013	Fill	Modern sand found in (014) with utility pipe at the base	Modern fill in ST 728
014	Cut	Linear in plan with a sharp break of slope at the top, steeply sloping sides leading into a rounded base. Identified to the extreme south of the trench.	Cut of modern utility trench in ST 728
015	Deposit	Cement hardcore mix, located on the pavement side of trench ST 728	Modern deposit in ST 728
016	Surface	Large granite flagstones located on the pavement side of the trench 0.05 m thick.	Modern surface in ST 728
017	Surface	Tarmac located on the carriageway side of the trench 0.05 m thick.	Modern surface in ST 728

Appendix 2: Finds Register

Find No.	Slit Trench	Material	Type	Description	Habitat
E3963:052:001	ST 730	Ceramic	Sherd	Small cream ware sherd, post-medieval	Headland Office
E3963:052:002	ST 730	Ceramic	Sherd	Small cream ware sherd, post-medieval	Headland Office
E3963:052:002	ST 730	Ceramic	Sherd	Black glazed red earthen ware, post-medieval	Headland Office

Appendix 3: Photographic Register

E3963:001	Grafton St	Northeast	Pre-excavation of ST 731
E3963:002	Grafton St	Northeast	Pre-excavation of ST 731
E3963:003	Stephens Green West	Southwest	Compound area on Stephens green west
E3963:004	Grafton St	Southwest	Pre-excavation of ST 731
E3963:005	Grafton St	Southwest	Removing of cobbles in ST 731
E3963:006	Grafton St	Northeast	Cement breaking in ST 731
E3963:007	Grafton St	North	Mid-excavation of ST 731
E3963:008	Grafton St	Northeast	Mid-excavation of ST 731
E3963:009	Grafton St	Southeast	Mid-excavation of ST 731
E3963:010	Grafton St	Northeast	Mid-excavation of ST 731
E3963:011	Grafton St	Northeast	Mid-excavation of ST 731
E3963:012	Grafton St	Northeast	Mid-excavation of ST 731
E3963:013	Grafton St	Southwest	Mid-excavation of ST 731
E3963:014	Grafton St	Northeast	Mid-excavation of ST 731
E3963:015	Grafton St	Northeast	Mid-excavation of ST 731
E3963:016	Grafton St	East	Mid-excavation of ST 731
E3963:017	Grafton St	Northeast	Mid-excavation of ST 731
E3963:018	Grafton St	Northeast	Mid-excavation of ST 731
E3963:019	Grafton St	Northeast	Mid-excavation of ST 731
E3963:020	Grafton St	Southwest	Mid-excavation of ST 731
E3963:021	Grafton St	Northeast	Mid-excavation of ST 731
E3963:022	Grafton St	Northeast	Mid-excavation of ST 731
E3963:023	Grafton St	Northeast	Mid-excavation of ST 731
E3963:024	Grafton St	Northeast	Mid-excavation of ST 731
E3963:025	Grafton St	Southwest	Post-excavation of ST 731
E3963:026	Grafton St	Northeast	Mid-excavation of ST 731
E3963:027	Grafton St	Southeast	Pre-excavation of ST 731
E3963:028	Stephens Green north	Northeast	Mid-excavation of ST 730
E3963:029	Stephens Green north	Northeast	Mid-excavation of ST 730
E3963:030	Stephens Green north	Northwest	Mid-excavation of ST 730
E3963:031	Stephens Green north	Northwest	Mid-excavation of ST 730

E3963:032	Stephens Green north	West	Mid-excavation of ST 730
E3963:033	Stephens Green north	Southeast	Mid-excavation of ST 730
E3963:034	Stephens Green north	West	Mid-excavation of ST 730
E3963:035	Stephens Green west	West	Mid-excavation of ST 734
E3963:036	Stephens Green north	Northeast	Mid-excavation of ST 730
E3963:037	Stephens Green north	Northeast	General shot of ST 731 and ST 728
E3963:038	Stephens Green north	East	General shot of ST 731 and ST 728
E3963:039	Stephens Green north	East	General shot of ST 731 and ST 728
E3963:040	Grafton St	Southwest	Mid-excavation of ST 731
E3963:041	Grafton St	Southwest	Mid-excavation of ST 731
E3963:042	Grafton St	Southwest	Mid-excavation of ST 731
E3963:043	Stephens Green west	Northeast	Pre-excavation of ST 733
E3963:044	Stephens Green west	Northeast	Pre-excavation of ST 733
E3963:045	Stephens Green west	West	Pre-excavation of ST 733
E3963:046	Stephens Green west	Southeast	Entrance gate to Stephens Green
E3963:047	Stephens Green west	West	Pre-excavation crack to Benetton's window
E3963:048	Stephens Green west	West	Pre-excavation crack to Benetton's window
E3963:049	Stephens Green west	South	Mid-excavation of ST 733
E3963:050	Stephens Green west	South	Mid-excavation of ST 733
E3963:051	Stephens Green west	West	Backfilling of ST 733
E3963:052	Stephens Green west	South	Pre-excavation of ST 735
E3963:053	Stephens Green west	South	Pre-excavation of ST 735
E3963:054	Stephens Green west	Northeast	Pre-excavation of ST 729

E3963:055	Stephens Green west	Northeast	Pre-excavation of ST 729
E3963:056	Stephens Green west	Northeast	Pre-excavation of ST 729
E3963:057	Stephens Green north	South	Mid-excavation of ST 735
E3963:058	Stephens Green north	South	Mid-excavation of ST 735
E3963:059	Stephens Green west	South	Mid-excavation of ST 735
E3963:060	Stephens Green west	West	Mid-excavation of ST 735
E3963:061	Stephens Green north	South	Pre-excavation of ST 729, extension
E3963:062	Stephens Green north	South	Pre-excavation of ST 729, extension
E3963:063	Stephens Green north	South	Pre-excavation of ST 729 carriageway
E3963:064	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:065	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:066	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:067	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:068	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:069	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:070	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:071	Stephens Green north	Southwest	Mid-excavation of ST 729 carriageway
E3963:072	Stephens Green north	Northeast	Post-excavation backfilling of ST 729
E3963:073	Stephens Green north	West	Post-excavation backfilling of ST 729
E3963:074	Stephens Green north	South	Post-excavation backfilling of ST 729
E3963:075	Stephens Green north	West	Post-excavation backfilling of ST 729
E3963:076	Stephens Green north	Northwest	Post-excavation backfilling of ST 729
E3963:077	Stephens Green north	Northeast	Post-excavation backfilling of ST 729

E3963:078	Stephens Green north	Southwest	Mid-excavation of ST 728
E3963:079	Stephens Green north	Southwest	Mid-excavation of ST 728
E3963:080	Stephens Green north	Northeast	Mid-excavation of ST 728
E3963:081	Stephens Green north	Northeast	Mid-excavation of ST 728
E3963:082	Stephens Green north	Northeast	Mid-excavation of ST 728
E3963:083	Stephens Green north	Northeast	Mid-excavation of ST 728
E3963:084	Stephens Green north	Southeast	Backfilling of ST 728
E3963:085	Stephens Green north	East	Location of ST 728
E3963:086	Stephens Green north	South	Backfilling of ST 728
E3963:087	Dawson St	Northeast	Mid-excavation of ST 727
E3963:088	Dawson St	Southeast	Mid-excavation of ST 727
E3963:089	Dawson St	West	Mid-excavation of ST 727
E3963:090	Dawson St	North	Mid-excavation of ST 727, footpath
E3963:091	Dawson St	West	Mid-excavation of Charlie and Phil

Appendix 4: Drawing Register

Draw No.	Sheet No.	Section	Plan	Scale	Description
1	2	Yes	N/A	1:20	Mid-excavation section of ST 728

Appendix 5: Trench Register

ST 727	Dawson St.	Length: 7 m Width: 0.60 m Depth: 1.15 - 1.20 m	Northwest-southeast direction. Utilities were found within this trench. A red brick, mortar deposit with a post-medieval archaeological deposit underneath was located to the west of the trench for a length of approximately 1 m.
ST 728	Stephens Gn. north	Length: 7.50 m Width: 0.60 m Depth: 0.20 m - 1.32 m	Northeast-southwest direction. Many utilities were found in this trench. Garden soil post-medieval deposits were identified within this trench on the carriageway side.
ST 729	Stephens Gn. north	Length: 7 m Width: 0.60 m Depth: 0.20 m - 1.30 m	Northeast-southwest direction. Utilities found in this trench. No archaeological features or deposits were encountered within this trench.
ST 730	Stephens Gn. north	Length: 9 m Width: 0.60 m Depth: 0.25 m - 0.80 m	Northeast-southwest direction. Utilities found in this trench. A backfilled red brick cellar was located to the north of the trench. An arch of red brick could be seen to the west. The backfilling comprised of rubble.
ST 731	Grafton St.	Length: 10 m Width: 0.60 m Depth: 0.50 m - 1 m.	Northeast-southwest direction. Utilities found in this trench. The wall of red brick cellar was located to the north of the trench.
ST 733	Stephens Gn. west	Length: 7.50 m Width: 0.60 m Depth: 0.30 m - 0.60 m	Northwest-southeast direction. Utilities found in this trench. A post-medieval deposit containing red brick stone and pottery were identified within this trench and measured approximately 1 m long.
ST 734	Stephens Gn. west	Length: 6 m Width: 0.60 m Depth: 0.75 m	Northwest-southeast direction. Utilities found in this trench. A post-medieval deposit containing red brick stone and pottery were identified within this trench
ST 735	Stephens Gn. west	Length: 5.5 m Width: 0.60 m Depth: 0.75 m - 1 m	Northwest-southeast direction. Utilities found in this trench. No archaeological features or deposits were encountered within this trench.