

- LEGEND**
- PROPOSED SCHEME
 - SETTLEMENTS
 - NORTHERN IRELAND BOUNDARY

Client

Project

REPRODUCED FROM ORDNANCE SURVEY OF NORTHERN IRELAND'S DATA WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT AND DATABASE RIGHTS NIMA ES&LA214. UNAUTHORISED REPRODUCTION INFRINGES © CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS

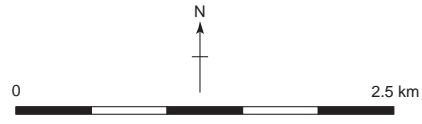
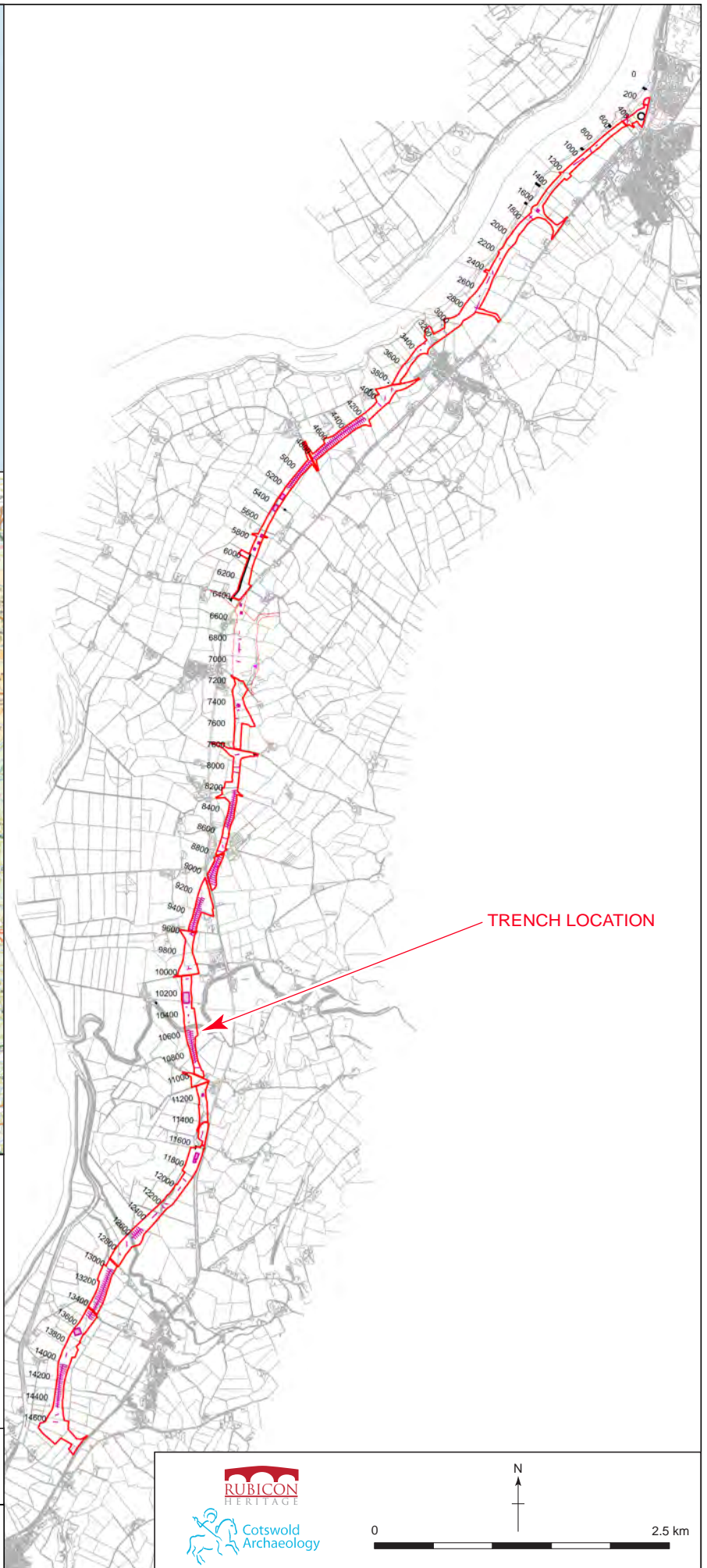


Figure 1 - Section 1 of proposed development.

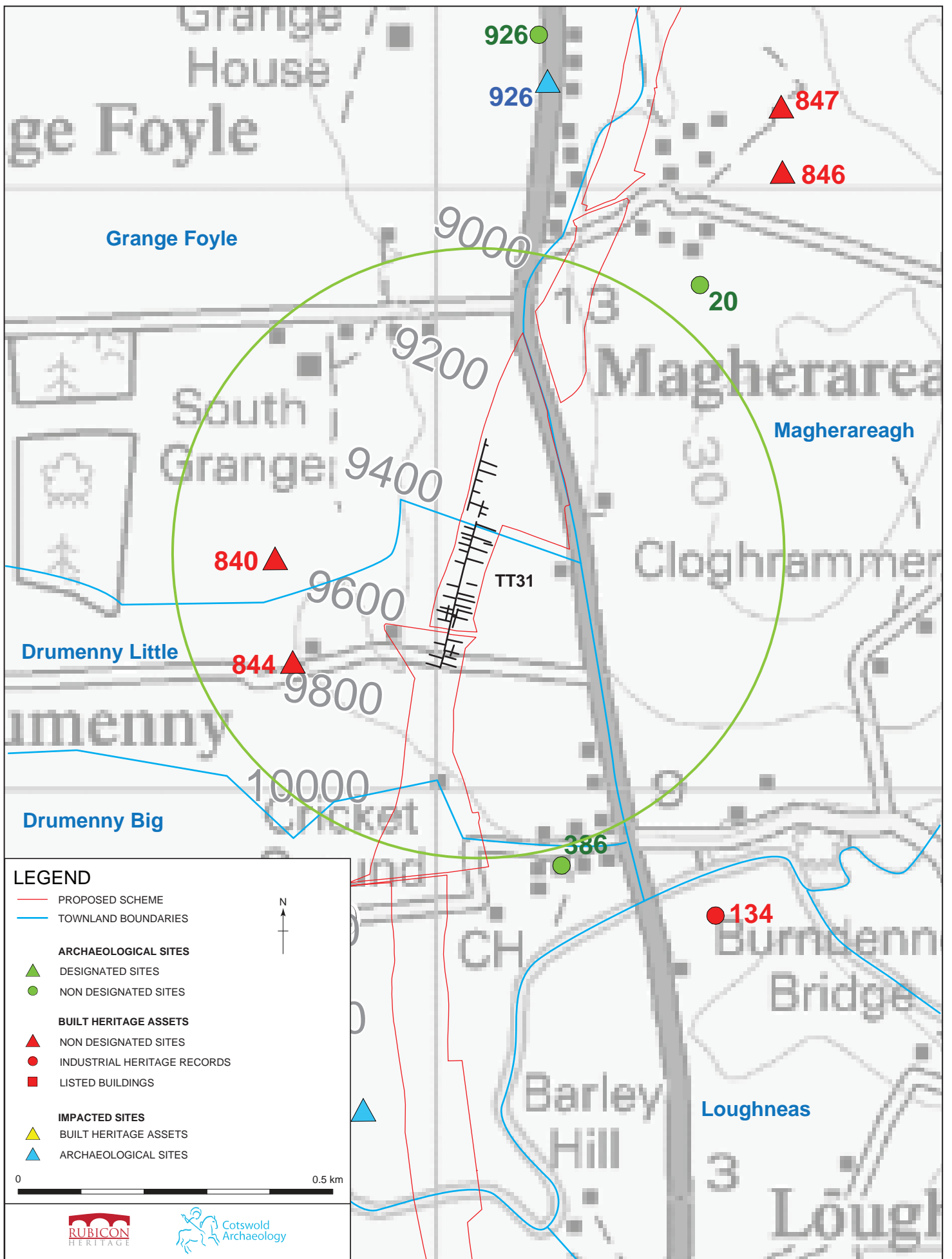


Figure 2 -Archaeological and built heritage assets within 1km of TT031

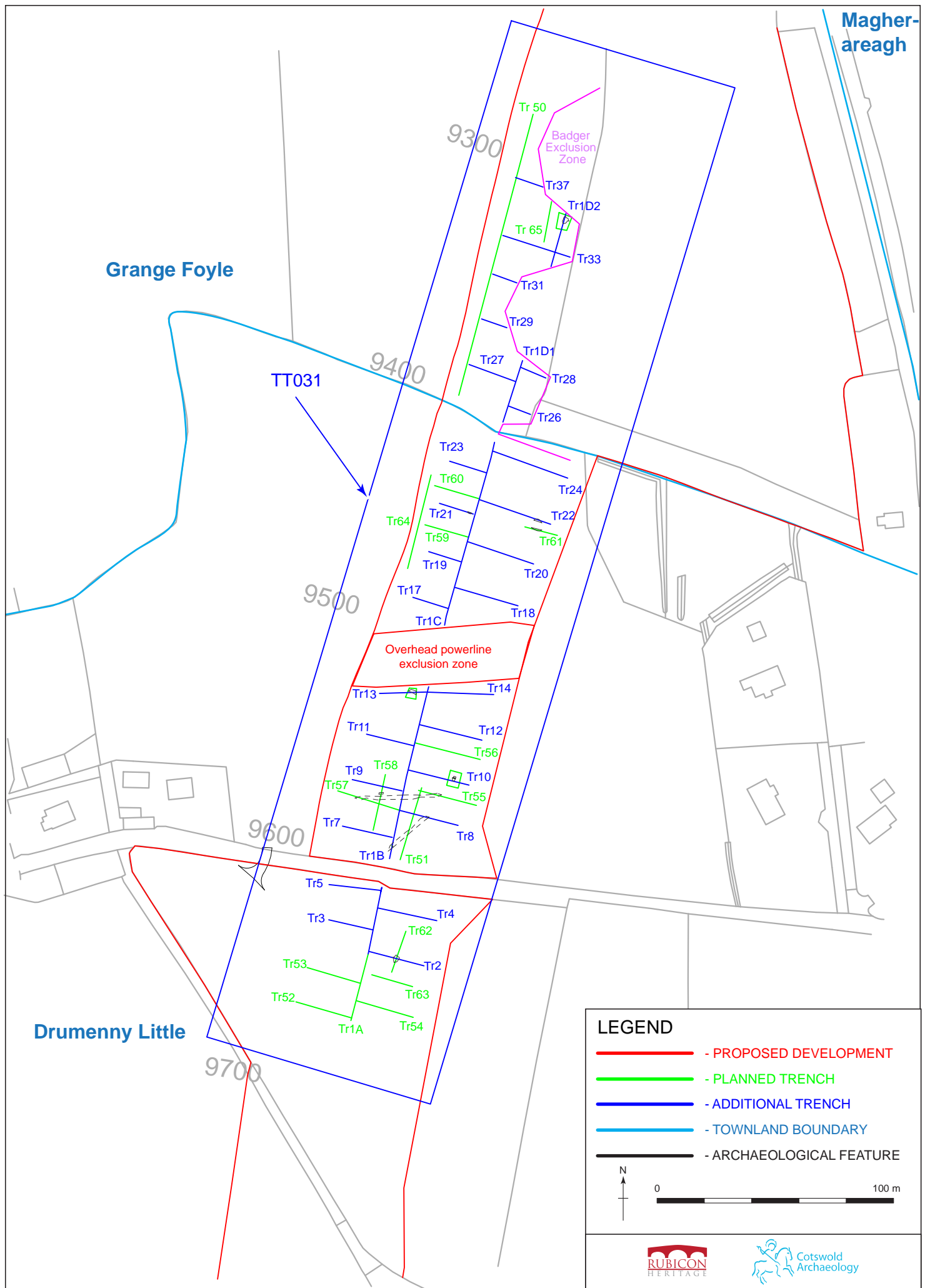


Figure 3 - TT031 trench plan

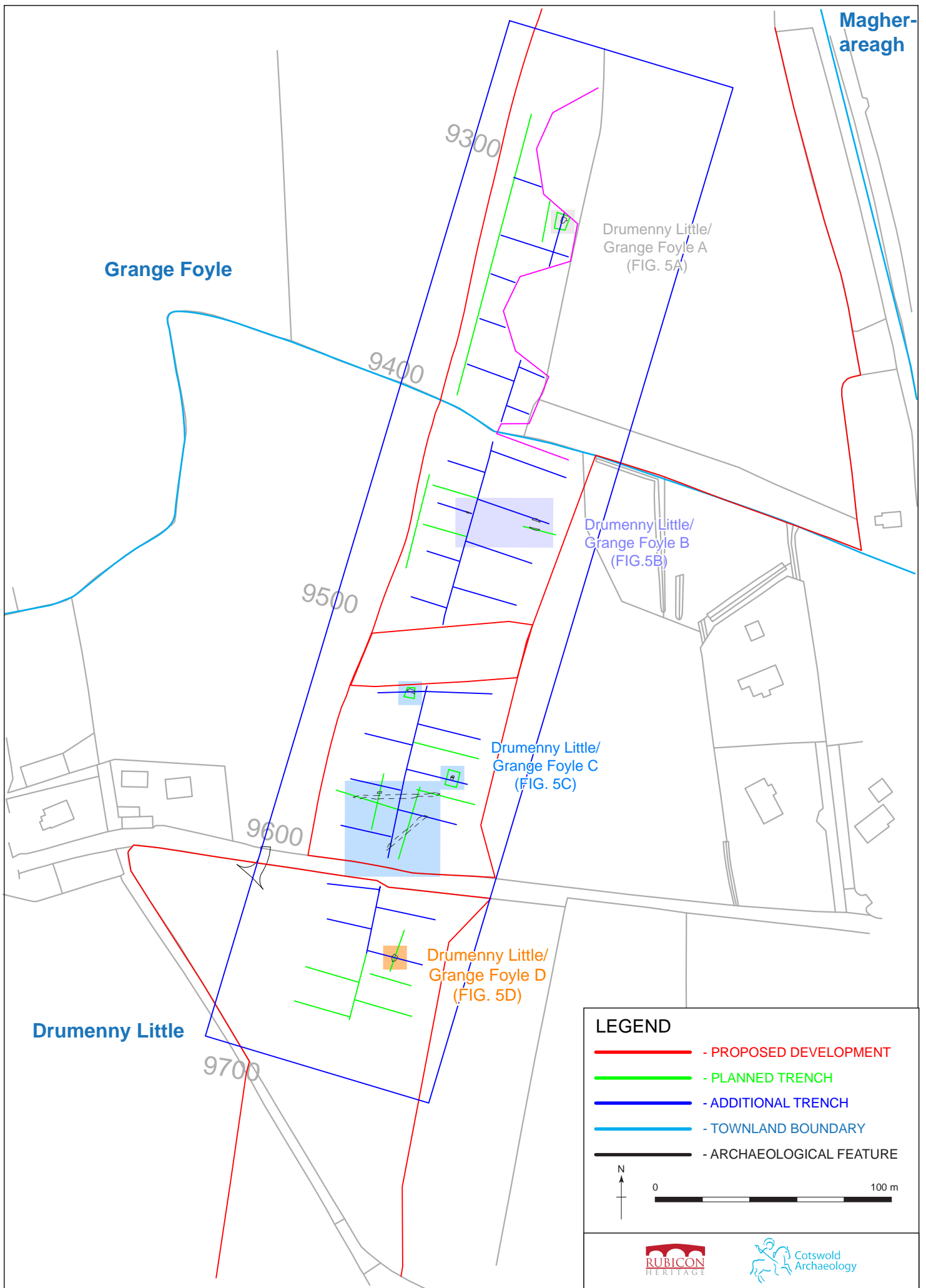


Figure 4 - TT031 trench plan; areas proposed for excavation

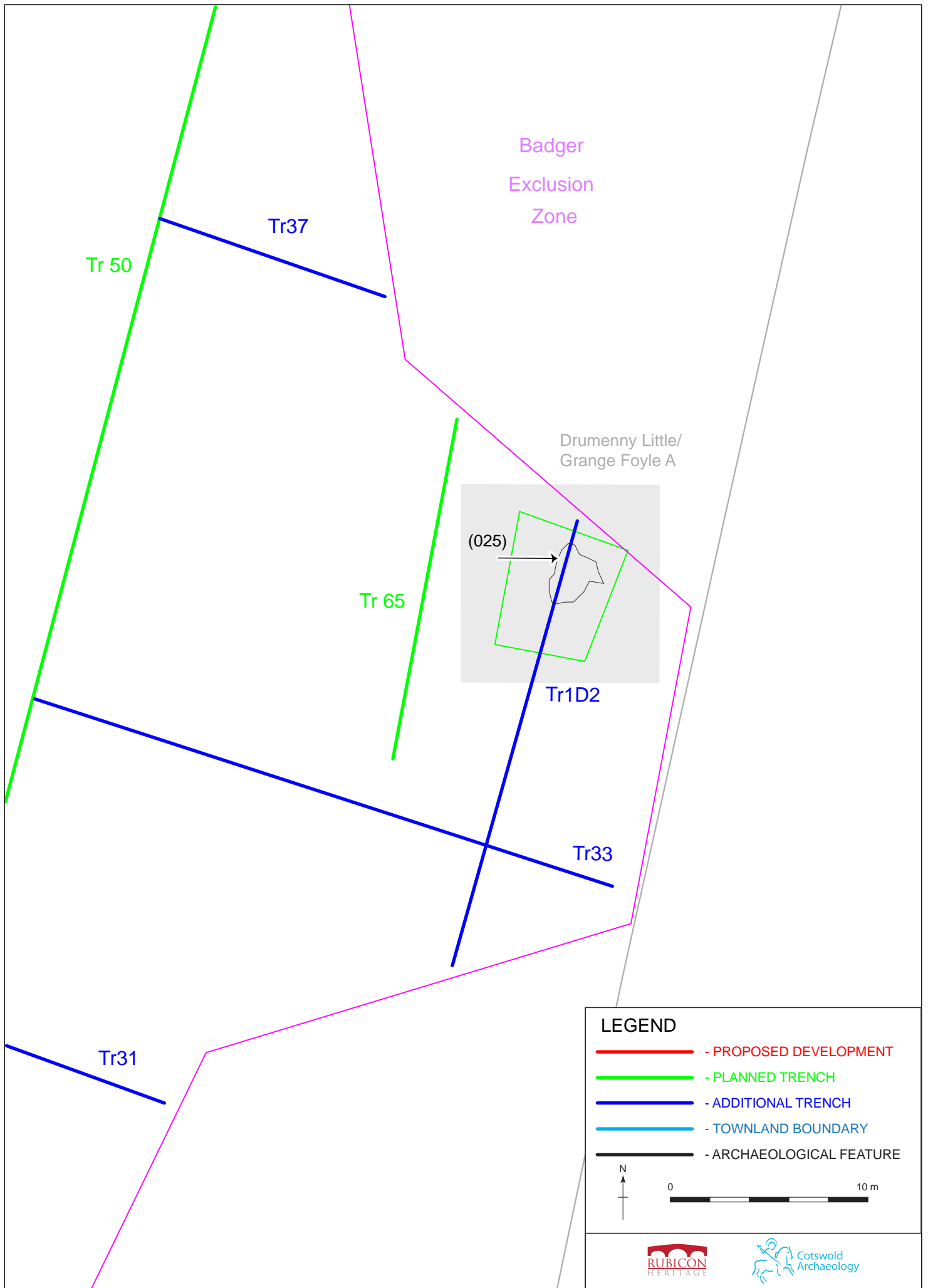


Figure 5a - Archaeological Features identified in TT031

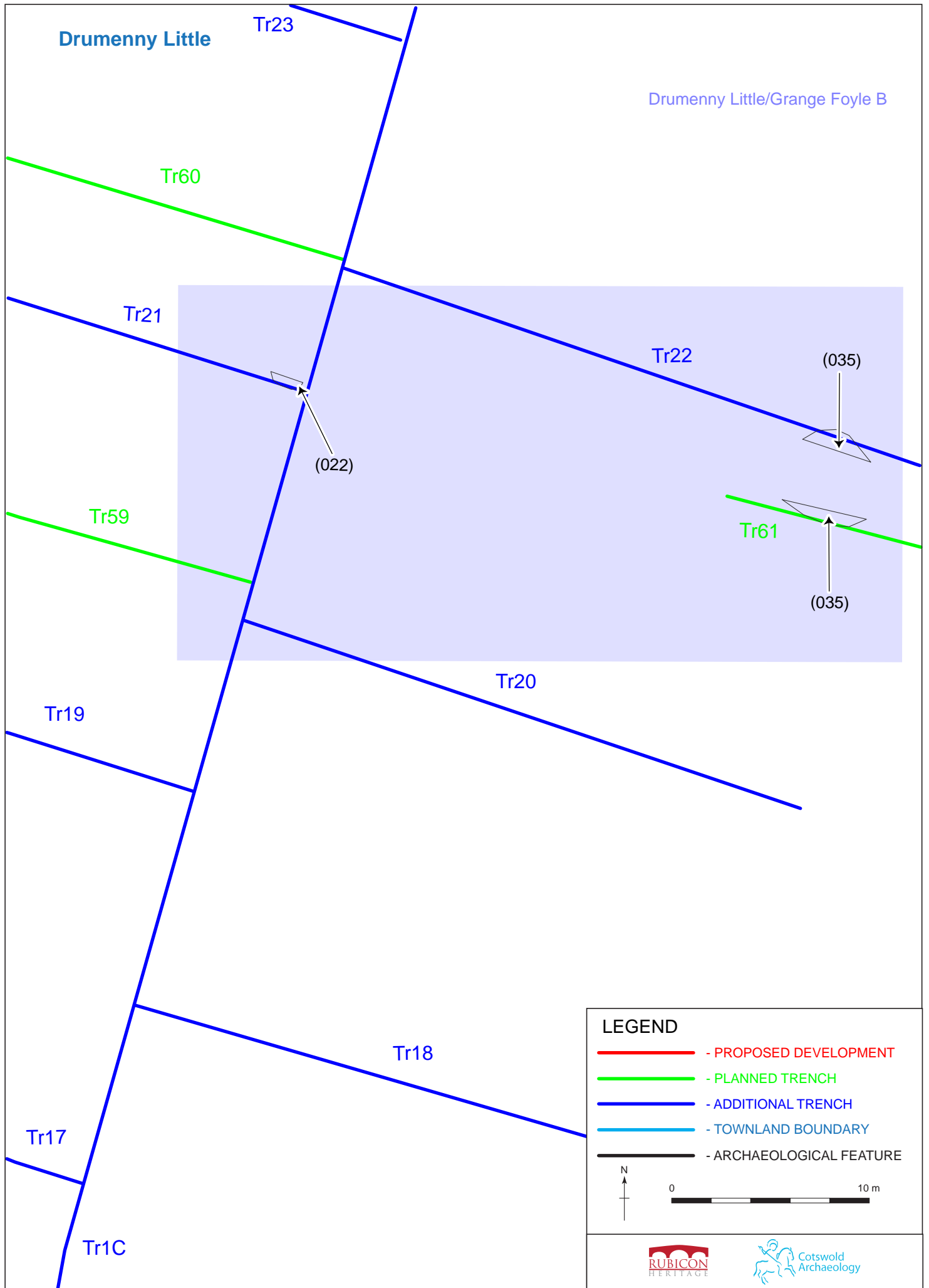


Figure 5b - Archaeological Features identified in TT031

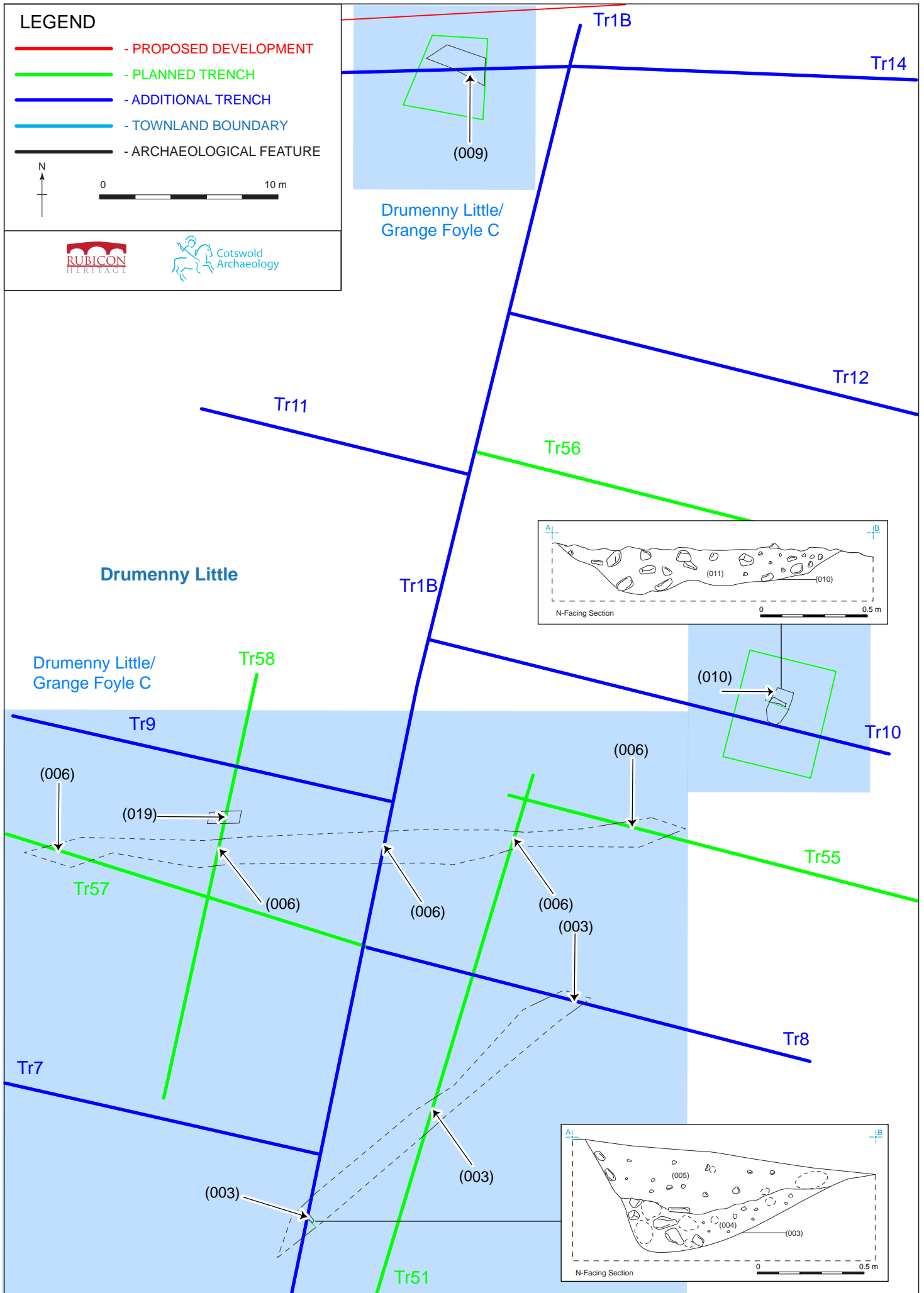


Figure 5c - Archaeological Features identified in TT031

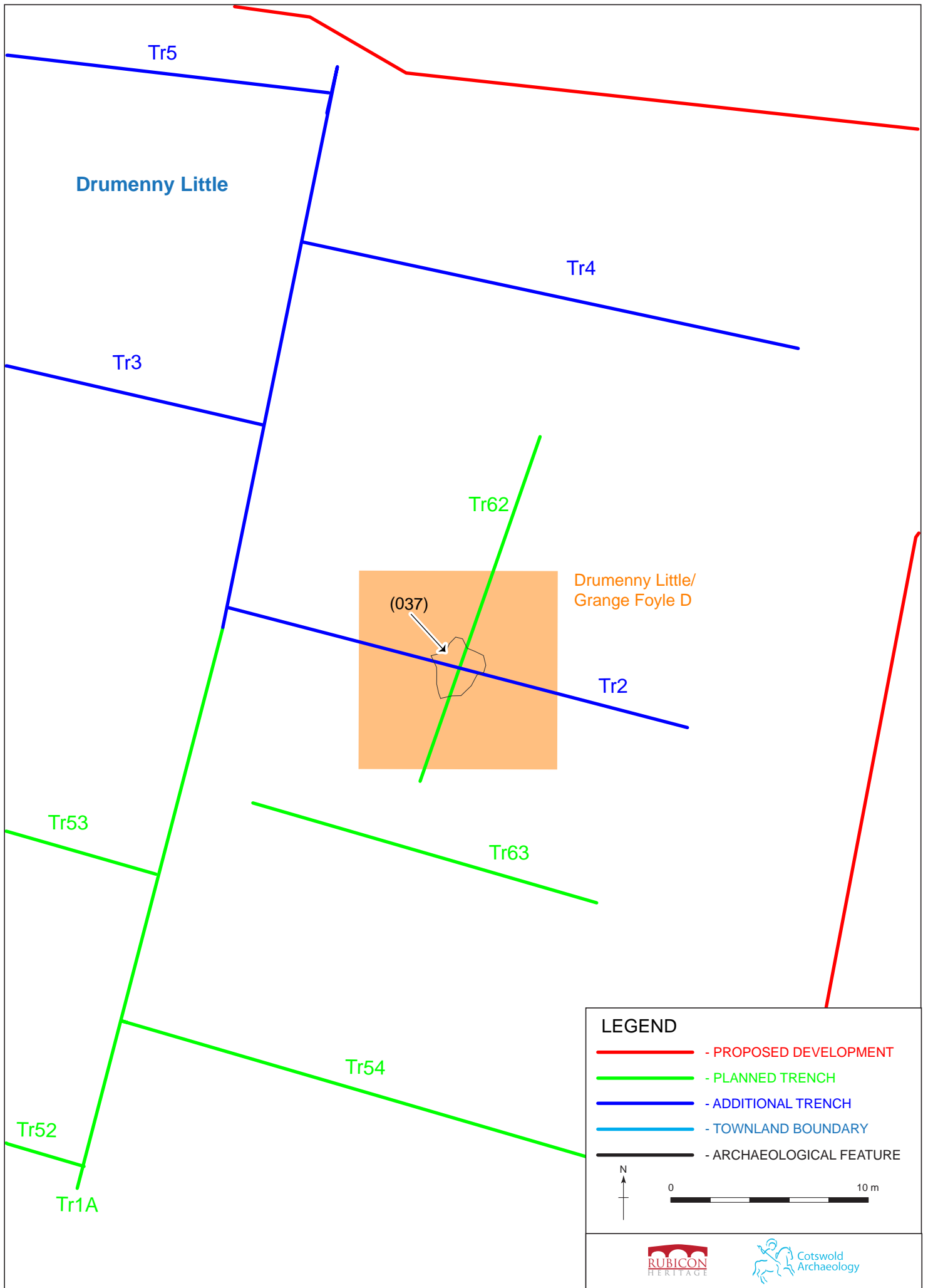


Figure 5d - Archaeological Features identified in TT031



PLATE 1: TT031 mid excavation



PLATE 2: Ditch (009) mid excavation



PLATE 3: Ditch (019) pre excavation

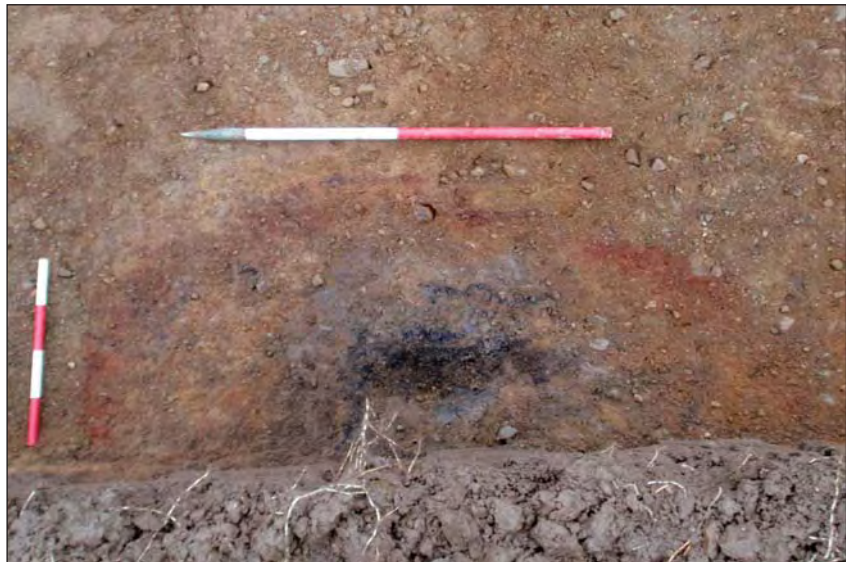


PLATE 4: Hearth (022) mid excavation



PLATE 5: Prehistoric pottery sherds recovered from hearth (022)



PLATE 6: Burnt spread (025)



PLATE 7: Burnt spread (037)



Cotswold
Archaeology



A5 Western Transport Corridor

Section 1

New Buildings – South of Strabane

Assessment Report

Evaluation Trenching of TT037; 038



Director: Brian O'Hara

Report Author: Mandy Stephens

Licence No: AE/13/13E



TABLE OF CONTENTS

1	INTRODUCTION	2
2	CIRCUMSTANCES AND DATES OF FIELDWORK.....	2
3	OBJECTIVES AND METHODOLOGY	3
4	ARCHAEOLOGICAL BACKGROUND.....	3
5	FACTUAL DATA: Results of Trial Trenching.....	4
6	FACTUAL DATA: Recorded Features.....	10
7	STATEMENT OF POTENTIAL	11
8	PROPOSED RESOLUTION	11

LIST OF TABLES

Table 1:	Archaeological Background
Table 2:	TT037; TT038 Trench Register
Table 3:	TT037; TT038 Context Register

LIST OF FIGURES

Figure 1:	Section 1 of proposed development.
Figure 2:	Archaeological and built heritage assets within 1km of TT037 and TT038
Figure 3:	TT 037; TT 038; Trench Plans
Figure 4:	Archaeological Features identified in TT037; TT038

LIST OF PLATES

Plate 1:	TT037 mid excavation
Plate 2:	Hearth (020), stake-hole (022); mid excavation
Plate 3:	Burnt spread (029); mid excavation
Plate 4:	Ditch (027); mid excavation
Plate 5:	Pit (031); mid excavation
Plate 6:	Scorched deposit (034); mid excavation

1 INTRODUCTION

CotswoldRubicon have been retained by Mouchel, on behalf of The Department for Regional Development, Roads Service, to carry out a programme of archaeological evaluation along the route of the proposed new A5 Western Transport Corridor. The proposed development comprises the construction of offline dual carriageway extending for 37 km (Figure 1).

An excavation license for the purpose of undertaking archaeological assessment of designated areas of the proposed road corridor was issued by the Northern Ireland Environment Agency (NIEA), under the terms of the Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995 and in compliance with policies BH1 – BH4 of Planning Policy Statement 6 (PPS6).

License **AE/13/13E** was issued to Brian O'Hara of CotswoldRubicon by the NIEA-HMU to conduct archaeological evaluations in these pre-determined locations along Section 1 of the road corridor.

This report outlines the results of trial trenching at TT037 and TT038 in the townland of Ballydonaghy, undertaken within Section 1 of the road scheme, New Buildings – Strabane, Counties Londonderry and Tyrone (Figure 2).

2 CIRCUMSTANCES AND DATES OF FIELDWORK

Archaeological fieldwork was carried out at TT037 (Ch. 10510 – Ch. 10855) and TT038 (Ch. 10880 – Ch. 10905) at the southern end of the route on the 08 February 2013 (Figure 1). The trench layout was designed by Mouchel and formed part of the contract documents for the Phase 1 works. During design each block of trial trenches were numbered consecutively, ie TT037.1; TT037.2 (Figure 3) and these numbers have been retained for Phase 1 work for ease of recording and presentation.

Site conditions necessitated amendments to the planned locations of a number of trenches and Strip and Map Areas. All amendments to the originally planned excavations, including additional excavations and any omissions, were undertaken by agreement with and under direction from Mouchel's Senior Archaeologist.

3 OBJECTIVES AND METHODOLOGY

The objective of the evaluation was to provide information about the recorded and unrecorded archaeological resource within the road corridor, including its presence/absence, character, extent, date, integrity, state of preservation and quality, in accordance with the Standard and Guidance for Archeological Field Evaluation (IfA 2008). This information will enable NIEA and Mouchel to identify and assess the particular significance of any heritage asset, consider the impact of the proposed development upon it and design a strategy to mitigate the effect of the scheme.

The removal of topsoil during test trenching was undertaken using a 360° tracked machine fitted with a 1.9 m wide ditching (toothless) bucket under constant archaeological supervision.

Written, drawn and photographic records were made using CotswoldRubicon standard method on *pro forma* record sheets. Ordnance Datum levels and feature locations were recorded using GPS.

Any artefacts, materials and each category of data recovered during the test excavation were treated in accordance with the requirements and standards set by the following:

- *Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995*
- *Excavation Standards Manual EHS - HMU*
- *Management of Archaeological Projects (2nd Ed.) (MAP 2) English Heritage*
- *Standard and Guidance for Archaeological Field Evaluations IFA*
- *Guidelines for Archaeologists IAI*
- *A5 WTC Archaeological Investigation: Specification (Works Information Folder 4 of 8)*

4 ARCHAEOLOGICAL BACKGROUND

The Environmental Impact Statement (EIS) undertaken for the proposed road scheme (Chapter 9; http://www.a5wtc.com/Environmental_Statement.aspx) identified two sites in the vicinity of TT037 and TT038 (Figure 2). Ref. 570 is a milestone; Ref 915 is not listed in the gazeteer (Appendix 9C; http://www.a5wtc.com/Environmental_Statement.aspx).

Archaeological monuments listed in the NISMR for Ballydonaghy and adjacent townlands (1 km buffer) are listed in tabular form below. These include an unclassified enclosure, an Early Modern battle site and a circular cropmark. The Strabane Canal, a scheduled monument, is also recorded (Table 1).

The road corridor was also partially assessed by a geophysical survey (Durham University 2012). There were no geophysical anomalies indicated for this area.

Townland	SMR	Site Type	Period
Ballydonaghy	TYR005:500	Canal: Strabane Canal, Reaches 1-3	Modern
Ballydonaghy; Greenlaw; Leckpatrick	TYR002:042	Battle Site: Battle Of The Fords, Northern Crossing, 1689	Early Modern
Drumenny Big	TYR002:016	Enclosure	Unknown
Loughneas	TYR002:033	A.P. SITE - circular cropmark	Unknown

Table 1: Archaeological Background

5 FACTUAL DATA: Results of Trial Trenching

The results of the test trenching are presented in tabular form below:

Chainage	Trench	Trench	Length	Width (m)	Depth	Orientation	Description	Feature Interpretation
10510 - 10855	37	TT037.1	58.6	1.9	0.29	N - S	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: yes Finds & samples: no	Hearth (021)
10510 - 10855	37	TT037.2	13.5	1.9	0.6	N - S	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.3	15.1	1.9	0.6	E - W	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.4	12.2	1.9	0.4	E - W	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.5		1.9	0.4	E - W	Trench not excavated: flooding	
10510 - 10855	37	TT037.6	15.4	1.9	0.51	E - W	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: yes Finds & samples: no	Stake hole (024)
10510 - 10855	37	TT037.7	15.7	1.9	0.59	E - W	Topsoil: mid brown silty clay Natural subsoil: orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.8					Trench not excavated: access	
10510 - 10855	37	TT037.9					Trench not excavated: access	
10510 - 10855	37	TT037.10	19	1.9	0.35	E - W	Topsoil: mid brown silty clay Natural subsoil: mid orange brown silty clay Features identified: no	

Chainage	Trench	Trench	Length	Width (m)	Depth	Orientation	Description	Feature Interpretation
							Finds & samples: no	
10510 - 10855	37	TT037.11	18.7	1.9	0.48	E - W	Topsoil: mid brown silty clay Natural subsoil: mid orange brown silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.12	15.2	1.9	0.8	E - W	Topsoil: mid brown silty clay Natural subsoil: mid orange gravelly silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.13	17.6	1.9	0.65	E - W	Topsoil: mid brown silty clay Natural subsoil: mid orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.14	15.3	1.9	1.25	E - W	Topsoil: mid brown silty clay Natural subsoil: mid orange silty clay Features identified: yes Finds & samples: no	Scorched deposit (034)
10510 - 10855	37	TT037.15	10.5	1.9	0.72	E - W	Topsoil: mid brown silty clay Natural subsoil: Orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.16	15.6	1.9	1.22	E - W	Topsoil: mid brown silty clay Natural subsoil: Grey clay and orange silty clay Features identified: no Finds & samples: no	Burnt spread (029) Pit (031)
10510 - 10855	37	TT037.17	15.1	1.9	1.1	E - W	Topsoil: mid brown silty clay Natural subsoil: Grey clay and orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.18	17.5	1.9	0.96	E - W	Topsoil: mid brown silty clay Natural subsoil: Grey clay and orange silty clay	

Chainage	Trench	Trench	Length	Width (m)	Depth	Orientation	Description	Feature Interpretation
							Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.19	17.4	1.9	0.77	E - W	Topsoil: mid brown silty clay Natural subsoil: Orange brown gravelly sand Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.20	20.6	1.9	0.7	E - W	Topsoil: mid brown silty clay Natural subsoil: Yellow grey silty clay Features identified: yes Finds & samples: no	Ditch (027)
10510 - 10855	37	TT037.21					Trench not excavated: hedgerow	
10510 - 10855	37	TT037.22					Trench not excavated: hedgerow	
10510 - 10855	37	TT037.23	20.3	1.9	0.7	E - W	Topsoil: Orange grey silty clay Natural subsoil: Orange grey clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.24	25.2	1.9	1.2	E - W	Topsoil: Orange grey silty clay Natural subsoil: Orange grey clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.25	24.6	1.9	0.77	E - W	Topsoil: Orange grey silty clay Natural subsoil: Orange grey clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.26	26.4	1.9	0.72	E - W	Topsoil: Grey brown silty clay Natural subsoil: Yellow sandy clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.27	25.9	1.9	1.1	E - W	Topsoil: mid brown silty clay Natural subsoil: Yellow grey silty clay	

Chainage	Trench	Trench	Length	Width (m)	Depth	Orientation	Description	Feature Interpretation
							Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.28	27.9	1.9	0.7	E - W	Topsoil: Grey brown silty clay Natural subsoil: Yellow sandy clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.29	27.1	1.9	0.42	E - W	Topsoil: Yellow brown silty clay Natural subsoil: Yellow clayey sand Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.30	28	1.9	0.47	E - W	Topsoil: Yellow brown silty clay Natural subsoil: Yellow clayey sand Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.31					Trench not excavated: exclusion zone	
10510 - 10855	37	TT037.32	37.5	1.9	0.5	N - S	Topsoil: Mid brown silty clay Natural subsoil: Orange silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.33					Trench not excavated: exclusion zone	
10510 - 10855	37	TT037.34	31.3	1.9	0.55	SSE - NNW	Topsoil: Mid brown silty clay Natural subsoil: Orange silty clay Features identified: yes Finds & samples: no	Pit (035) Pit (038)
10510 - 10855	37	TT037.35	44.8	1.9	2.37	N - S	Topsoil: Mid brown silty clay Natural subsoil: Orange brown silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.36	29.4	1.9	1.25	N - S	Topsoil: Mid brown silty clay Natural subsoil: Orange grey silty clay	

Chainage	Trench	Trench	Length	Width (m)	Depth	Orientation	Description	Feature Interpretation
							Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.37	19.3	1.9	0.58	E - W	Topsoil: Mid brown silty clay Natural subsoil: Orange grey silty clay Features identified: no Finds & samples: no	
10510 - 10855	37	TT037.38	16.8	1.9	1.25	E - W	Topsoil: Mid brown silty clay Natural subsoil: Orange grey silty clay Features identified: no Finds & samples: no	

Table 2: Trench Register

6 FACTUAL DATA: Recorded Features

A total of nine archaeological features were identified in TT037 (Table 3), with nothing of archaeological significance identified within TT038.

The nine identified features comprised of three pits, one hearth, a burnt spread, a ditch, two stake holes and an area of scorched earth (Figure 4).

Tr No.	Context no.	Context Type	Chainage	Length (m)	Width (m)	Depth (m)	Context Description	Feature Interpretation
All	002	Deposit	14070 - 14525				Loose gravelly orange silt	Natural Subsoil
TT37.1	021	Cut	10510 - 10855	1.6	0.57	0.03	Irregular; loose reddish brown sandy silt; occ. Charcoal	Hearth
TT37.1	022	Cut	10510 - 10855	0.06	0.06	0.09	Circular; sharp break of slope, top; steep sides; gradual break of slope base; tapered base	Stake-hole
TT37.6	024	Cut	10510 - 10855	0.08	0.06		Sub-circular; not excavated	Stake-hole
TT37.20	027	Cut	10510 - 10855	2	1.5	0.5	Linear; N-S; gentle break of slope, top; gradual slope; gradual break of slope, base; concave base	Ditch
TT37.16	029	Deposit	10510 - 10855	1.4	1.5	0.6	Moderately firm; dark orange brown - black clayey silt; freq. Charcoal; mod. Heat affected stones	Burnt Spread
TT37.16	031	Cut	10510 - 10855	0.7	0.7	0.35	Sub-circular; sharp break of slope, top; steep sides; gradual break of slope, base; flat base	Pit
TT37.14	034	Deposit	10510 - 10855	1	0.6	0.03	Irregular; N - S; moderately compact, reddish brown sandy silt, occ. Charcoal	Area of scorched earth
TT37.34	035	Cut	10510 - 10855	1.07	1.5	0.3	Irregular; N-S; gradual break of slope, top; gradual sides; sharp break of slope, base; irregular base. Truncated by (038)	Pit

Tr No.	Context no.	Context Type	Chainage	Length (m)	Width (m)	Depth (m)	Context Description	Feature Interpretation
TT37.34	038	Cut	10510 - 10855	1.11	1.17	0.2	Irregular; gradual break of slope top; gently sloping sides; gentle break of slope, base; concave base. Truncates pit (035)	Pit

Table 3: TT037 & TT038 Context register

7 STATEMENT OF POTENTIAL

The results of the test excavation indicate that archaeological features and deposits, comprising pits containing charcoal-rich fills, a possible hearth, a burnt spread, and a ditch are present at the site.

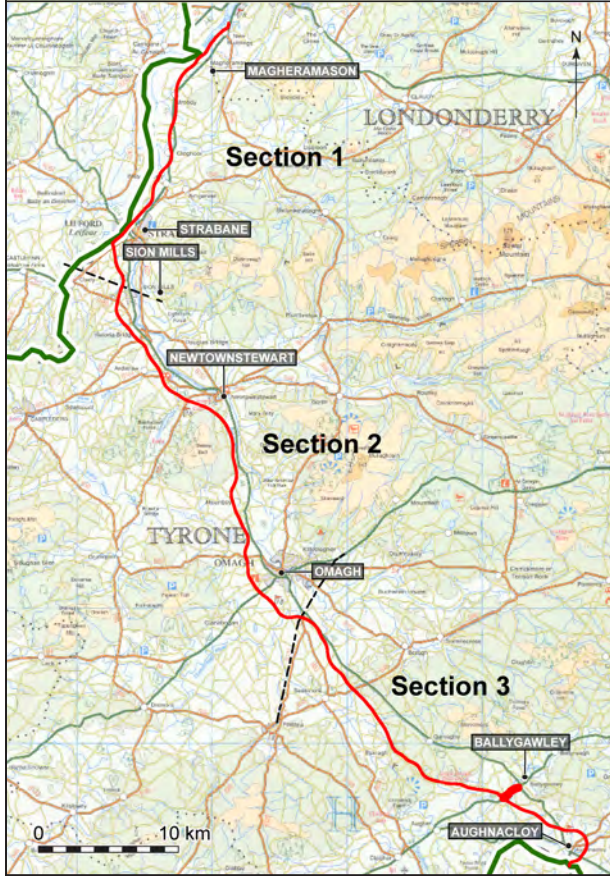
These features occurred in four discrete areas; now named Ballydonaghy A to Ballydonaghy D inclusive (Figure 4):

- Ballydonaghy A** (950m² centred on TT020 and TT034) Pits (035), (038), and ditch (027)
- Ballydonaghy B** (800m² centred on TT014 and TT016) Pit (031), burnt spread (029) and scorched deposit (034)
- Ballydonaghy D** (400m² centred on TT001A and TT002) Stakehole (024)
- Ballydonaghy D** (400m² centred on TT001A and TT002) Hearth (020) and stakehole (022)

These remains have been provisionally interpreted as domestic and/or industrial in character and may represent past activity associated with previously unidentified archaeological activity within the townland of Ballydonaghy, or indeed with the undated and unclassified enclosure in the adjacent townland of Drumenny Big (TYR002:016).

8 PROPOSED RESOLUTION

In order to fully investigate record and characterise the identified archaeological features, areas should be mechanically stripped, sufficient to expose their full limits and determine if any other related archaeological features lie in proximity. A programme of archaeological hand excavation should then be undertaken to fully record all identified archaeological features and deposits.

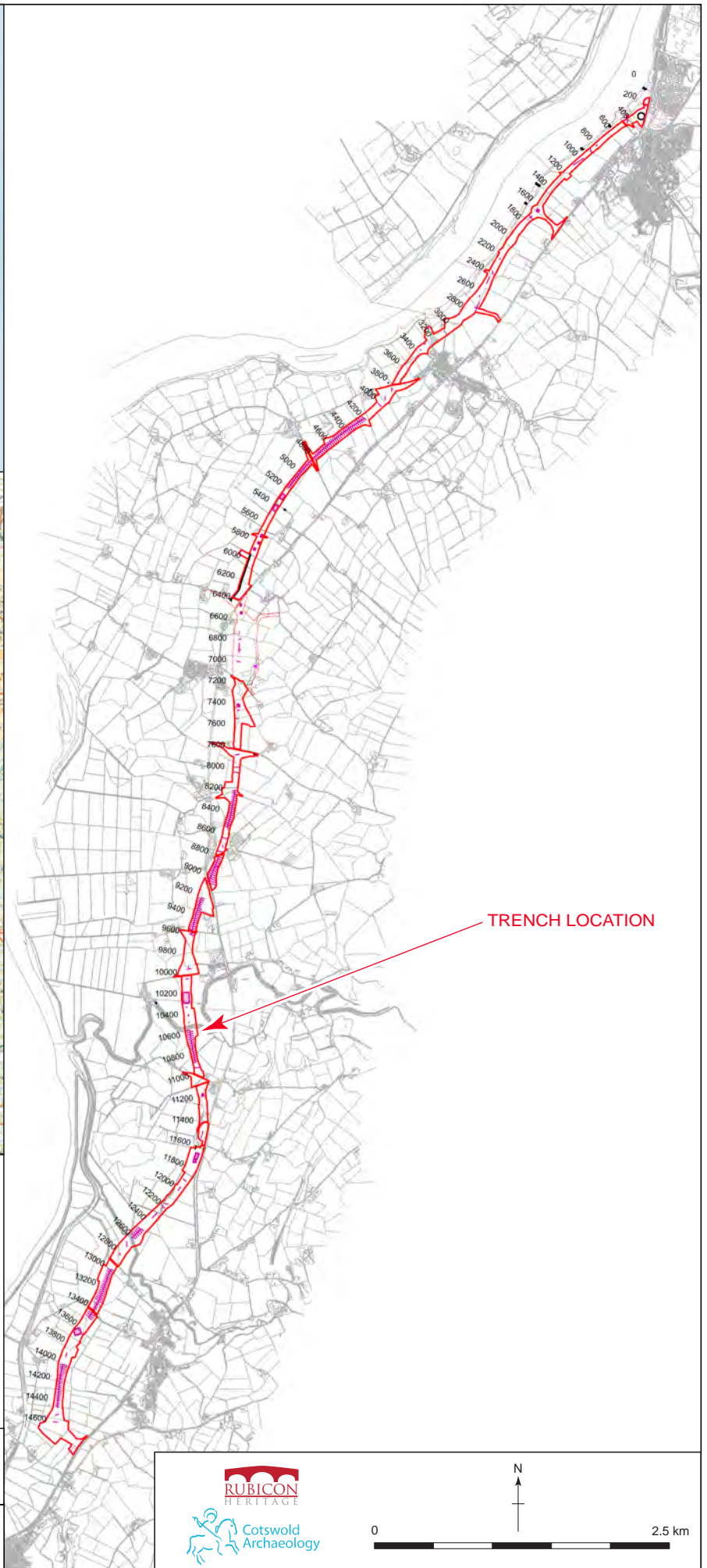


- LEGEND**
- PROPOSED SCHEME
 - SETTLEMENTS
 - NORTHERN IRELAND BOUNDARY

Client

Project

REPRODUCED FROM ORDNANCE SURVEY OF NORTHERN IRELAND'S DATA WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT AND DATABASE RIGHTS NIMA ES&LA214. UNAUTHORISED REPRODUCTION INFRINGES © CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS



0 2.5 km

Figure 1 - Section 1 of proposed development

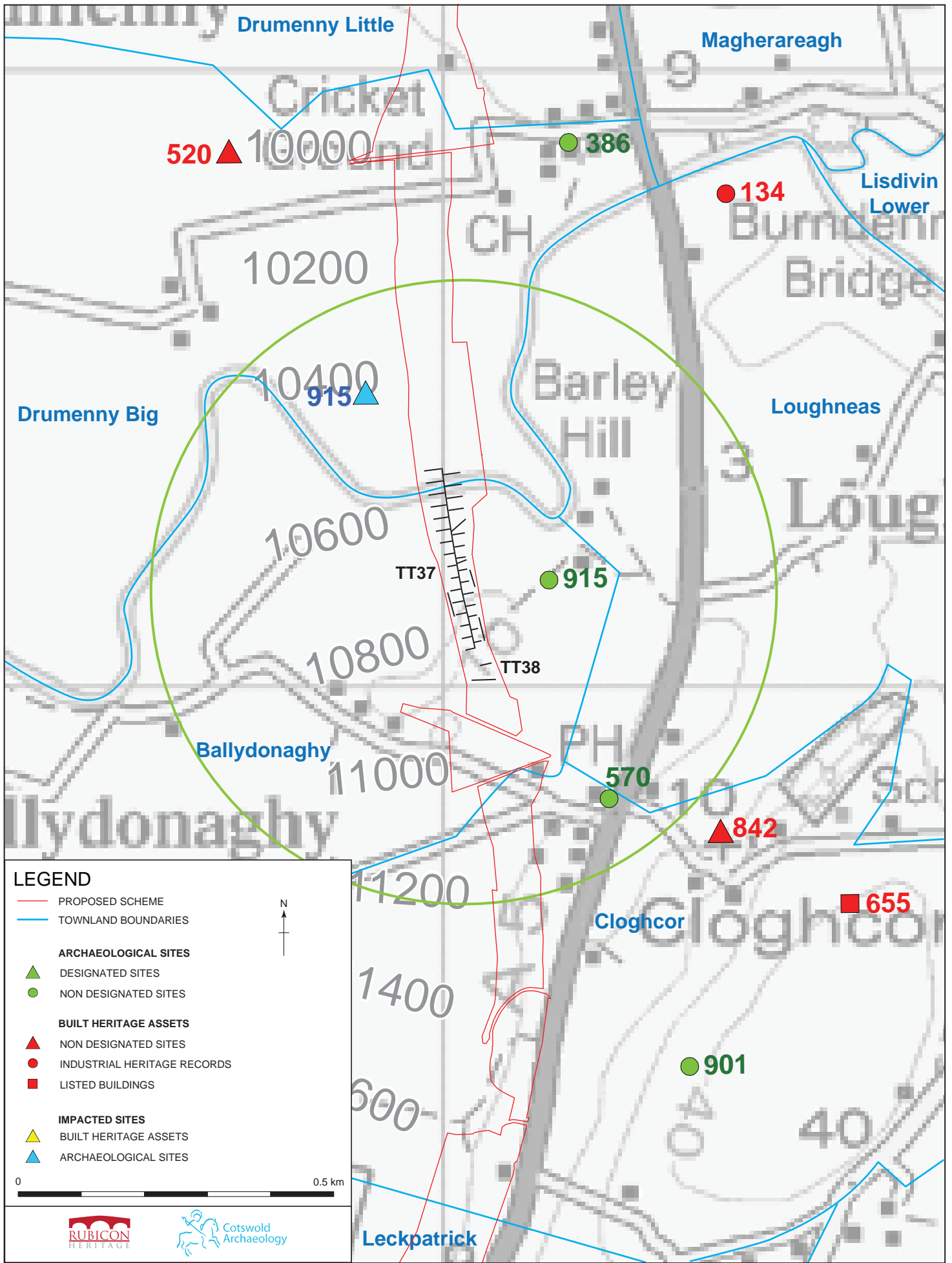


Figure 2 -Archaeological and built heritage assets within 1km of TT037 and TT038

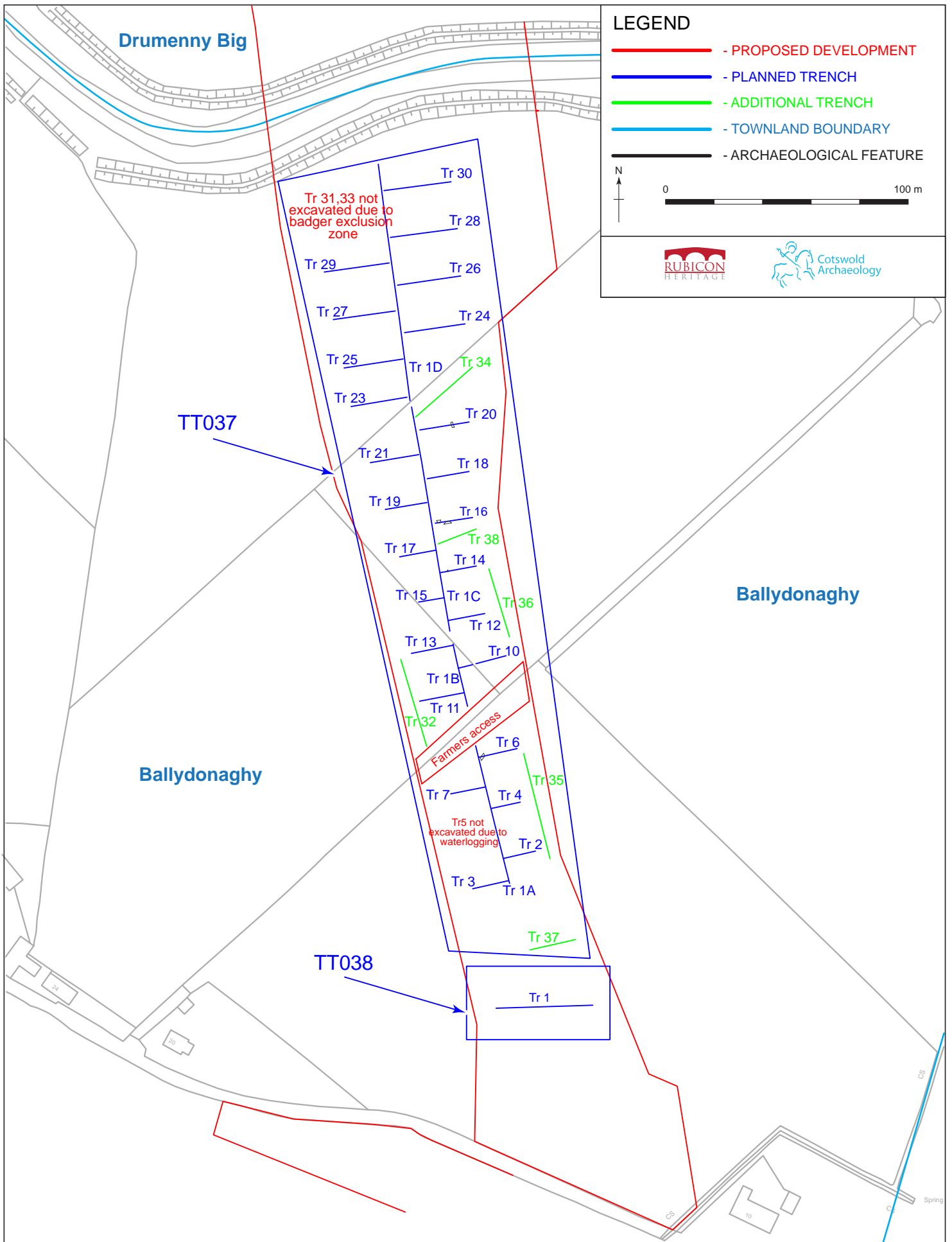


Figure 3 -TT 037; TT 038; Trench Plans

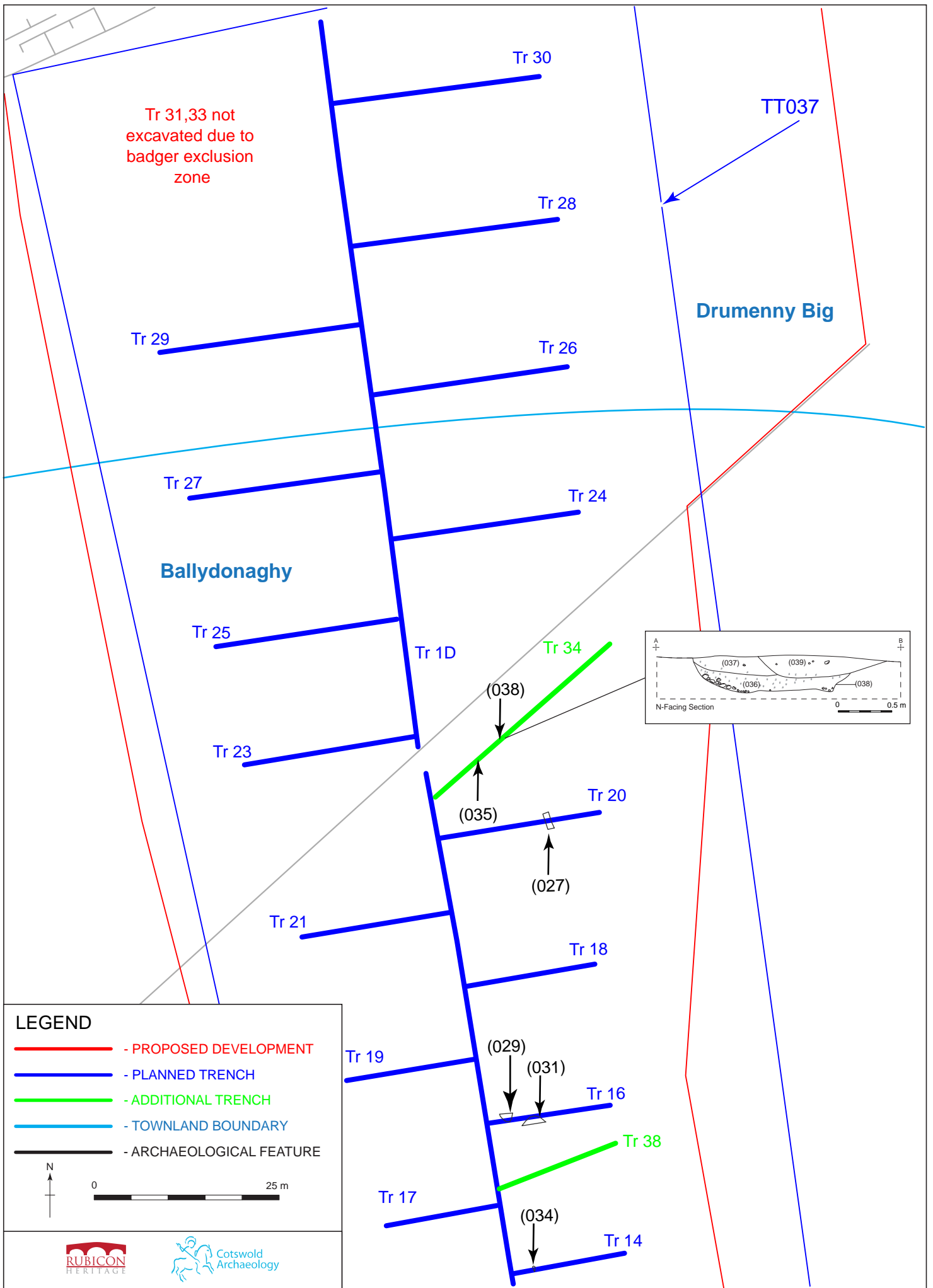


Figure 4a - Archaeological Features identified in TT 037

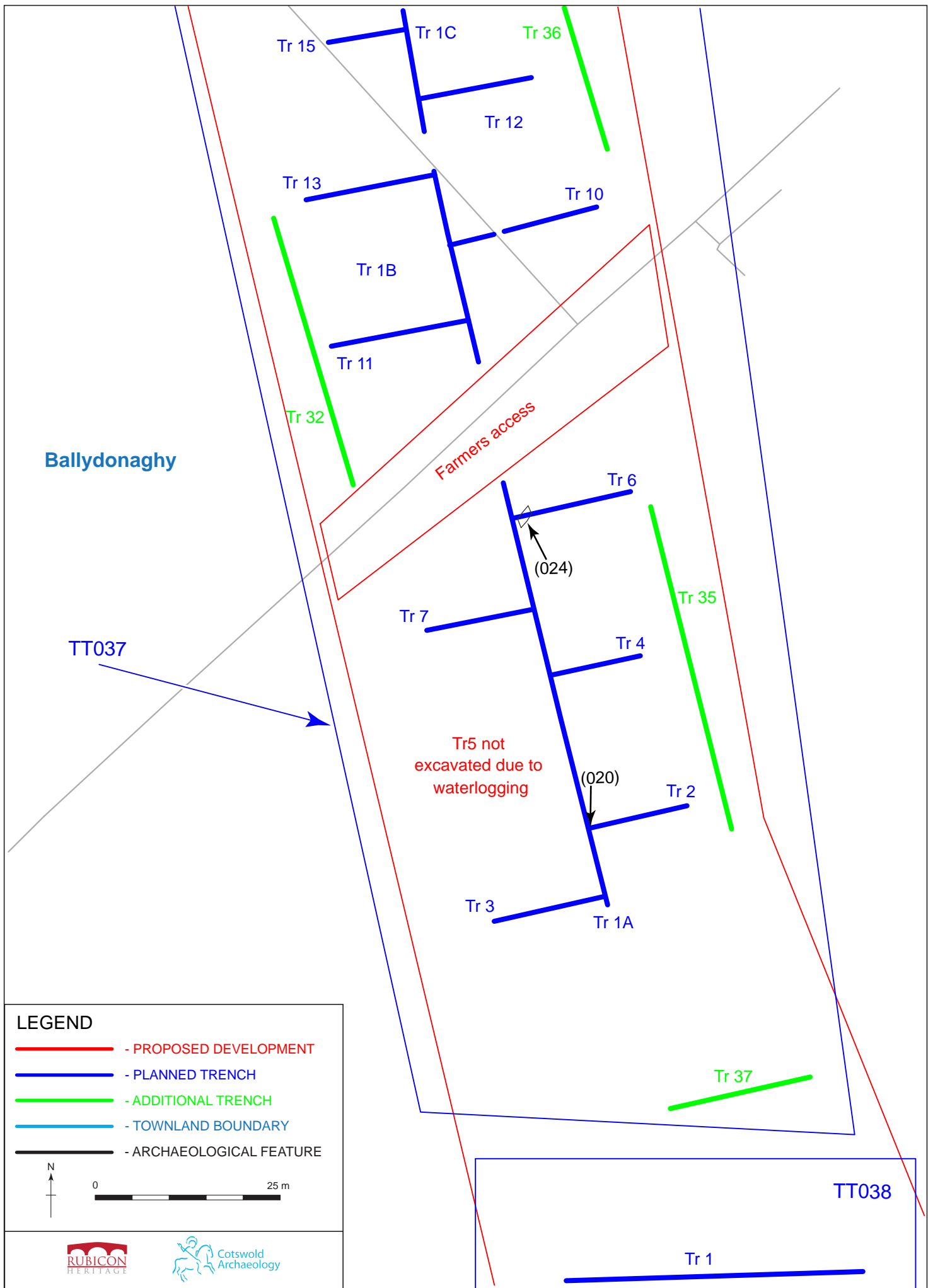


Figure 4b - Archaeological Features identified in TT 037; TT 038



PLATE 1: TT037 mid excavation



PLATE 2: Hearth (021), stake-hole (022); mid excavation



PLATE 3: Burnt spread (029); mid excavation



PLATE 4: Ditch (027); mid excavation



PLATE 5: Pit (031); mid excavation



PLATE 6: Scorched deposit (034); mid excavation



Cotswold
Archaeology



A5 Western Transport Corridor

Section 1

New Buildings – South of Strabane

Assessment Report

Evaluation Trenching of TT040; 041; 042; 043



Director: Brian O'Hara

Report Author: Mandy Stephens

Licence No: AE/13/13E



TABLE OF CONTENTS

1 INTRODUCTION 1

2 CIRCUMSTANCES AND DATES OF FIELDWORK.....1

3 OBJECTIVES AND METHODOLOGY 2

4 ARCHAEOLOGICAL BACKGROUND 2

5 FACTUAL DATA: Results of Trial Trenching.....3

6 FACTUAL DATA: Results of archaeological investigation5

7 STATEMENT OF POTENTIAL5

LIST OF TABLES

Table 1: Archaeological Background

Table 2: Trench Register

LIST OF FIGURES

Figure 1: Section 1 of proposed development.

Figure 2: Archaeological and built heritage assets within 1km of TT040; 041; 042; 043

Figure 3: TT040; 041; 042; 043 Trench Plans

LIST OF PLATES

Plate 1: TT040 under excavation

Plate 2: TT041 under excavation

Plate 3: TT042 under excavation

Plate 4: TT043 under excavation

1 INTRODUCTION

CotswoldRubicon have been retained by Mouchel, on behalf of The Department for Regional Development, Roads Service, to carry out a programme of archaeological evaluation along the route of the proposed new A5 Western Transport Corridor. The proposed development comprises the construction of offline dual carriageway extending for 37 km (Figure 1).

An excavation license for the purpose of undertaking archaeological assessment of designated areas of the proposed road corridor was issued by the Northern Ireland Environment Agency (NIEA), under the terms of the Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995 and in compliance with policies BH1 – BH4 of Planning Policy Statement 6 (PPS6).

License **AE/13/13E** was issued to Brian O’Hara of CotswoldRubicon by the NIEA-HMU to conduct archaeological evaluations in these pre-determined locations along Section 1 of the road corridor, New Buildings – Strabane, Counties Londonderry and Tyrone respectively (Figure 2).

. This report outlines the results of trial trenching at TT040; 041; 042; 043 in the townland of Leckpatrick, Co. Tyrone. .

2 CIRCUMSTANCES AND DATES OF FIELDWORK

Archaeological fieldwork was carried out at TT005 (Ch. 1825 – Ch. 1850); TT006 (Ch. 2310 – Ch. 2340) and TT007 (Ch. 2450 – Ch. 2500) between the 22 and 25 February 2013 (Figure 1; Plates 1 -3). The trench layout was designed by Mouchel and formed part of the contract documents for the Phase 1 works. During design each block of trial trenches were numbered consecutively (Figure 3) and these numbers have been retained for Phase 1 work for ease of recording and presentation.

Site conditions necessitated amendments to the planned locations of a number of trenches and Strip and Map Areas. All amendments to the originally planned excavations, including additional excavations and any omissions, were undertaken by agreement with and under direction from Mouchel’s Senior Archaeologist.

3 OBJECTIVES AND METHODOLOGY

The objective of the evaluation was to provide information about the recorded and unrecorded archaeological resource within the road corridor, including its presence/absence, character, extent, date, integrity, state of preservation and quality, in accordance with the Standard and Guidance for Archeological Field Evaluation (IfA 2008). This information will enable NIEA and Mouchel to identify and assess the particular significance of any heritage asset, consider the impact of the proposed development upon it and design a strategy to mitigate the effect of the scheme.

The removal of topsoil during the evaluation was conducted using a 360° tracked machine fitted with a 1.9 m wide ditching (toothless) bucket under constant archaeological supervision. Assessment methodology at this time did not include investigation of identified features. As a result, minimum depths for these features are currently unknown.

Written, drawn and photographic records were made using CotswoldRubicon standard method on *pro forma* record sheets. Ordnance Datum levels and feature locations were recorded using GPS.

Any artefacts, materials and each category of data recovered during the test excavation were treated in accordance with the requirements and standards set by the following:

- *Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995*
- *Excavation Standards Manual EHS - HMU*
- *Management of Archaeological Projects (2nd Ed.) (MAP 2) English Heritage*
- *Standard and Guidance for Archaeological Field Evaluations IFA*
- *Guidelines for Archaeologists IAI*
- *A5 WTC Archaeological Investigation: Specification (Works Information Folder 4 of 8)*

4 ARCHAEOLOGICAL BACKGROUND

The Environmental Impact Statement (EIS) undertaken for the proposed road scheme (Chapter 9; http://www.a5wtc.com/Environmental_Statement.aspx) identified the following sites in the townland of Leckpatrick within the vicinity of TT040; 041; 042; 043: a tree lined avenue (Ref. 900), and three further sites 174, 898 and 899 that are not referenced in the EIS gazetteer (see Figure 2).

Archaeological monuments listed in the NISMR for Leckpatrick townland are listed in tabular form below (Table 1)...

The road corridor was also partially assessed by a geophysical survey (Areas 65 and 66; Durham University 2012). Potential archaeological features indicated by that survey have proved to be modern in date and agricultural in character.

EIS Ref.	Townland	SMR	Site Type	Period
900	Leckpatrick		Tree lined avenue running in a northeast/south-west direction for c.50m, possibly related to the brick field.	?post-medieval
	Leckpatrick	<u>TYR</u> <u>002:018</u>	Church & Graveyard: Magherynelec, Kylpatrick	? medieval
	Leckpatrick	<u>TYR</u> <u>002:042</u>	Battle site: Battle of the Fords, Northern Crossing, 1689	post-medieval
	Leckpatrick	<u>TYR</u> <u>005:500</u>	Canal: Strabane Canal	post-medieval/modern

Table 1: Archaeological Background

5 FACTUAL DATA: Results of Trial Trenching

The results of the test trenching are presented in tabular form below:

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description
11980	40	TT040	35	1.9	0.4	NW-SE	Topsoil: mid to dark red-brown clayey silt Natural subsoil: orange brown stony silt Features identified: no Finds & samples: no
12100	41	TT041	40	1.9	0.35	NE-SW	Topsoil: mid grey-brown clayey silt Natural subsoil: orange brown stony silt Features identified: no Finds & samples: no

12270	42	TT042	30	1.9	0.4	E-W	Topsoil: mid red-brown silt Natural subsoil: orange brown stony silt Features identified: no Finds & samples: no
12320	43	TT043	15m	1.9	0.4	E-W	Topsoil: mid grey-brown silt Natural subsoil: orange brown sandy silt Features identified: no Finds & samples: no
12320	43	TT043A	10	1.9	0.4	N-S	Topsoil: mid grey-brown silt Natural subsoil: orange brown sandy silt Features identified: no Finds & samples: no

Table 2: Trench Register

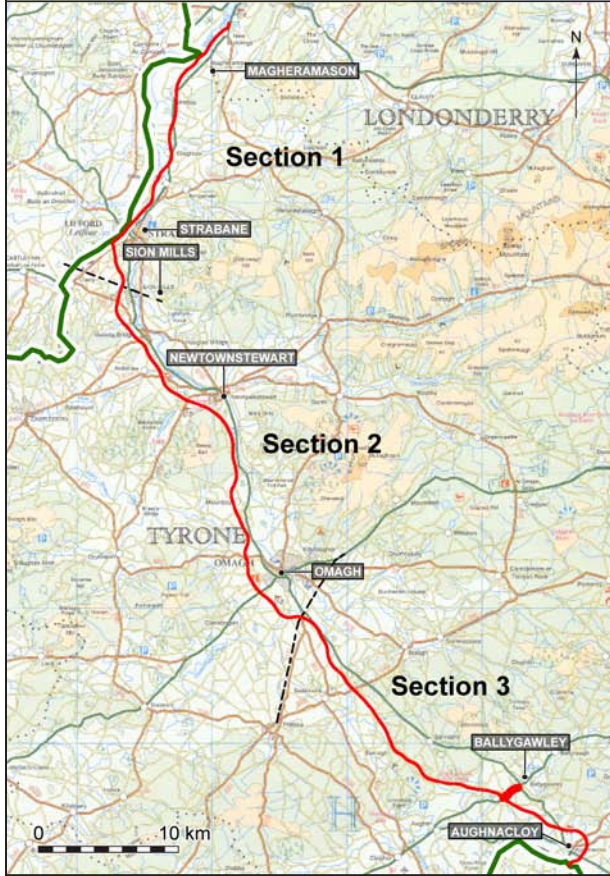
6 FACTUAL DATA: Results of archaeological investigation

No features or deposits of archaeological significance were identified during the course of this evaluation.

7 STATEMENT OF POTENTIAL

No features or deposits of archaeological significance were identified during the course of this evaluation.

No further archaeological investigations are required.

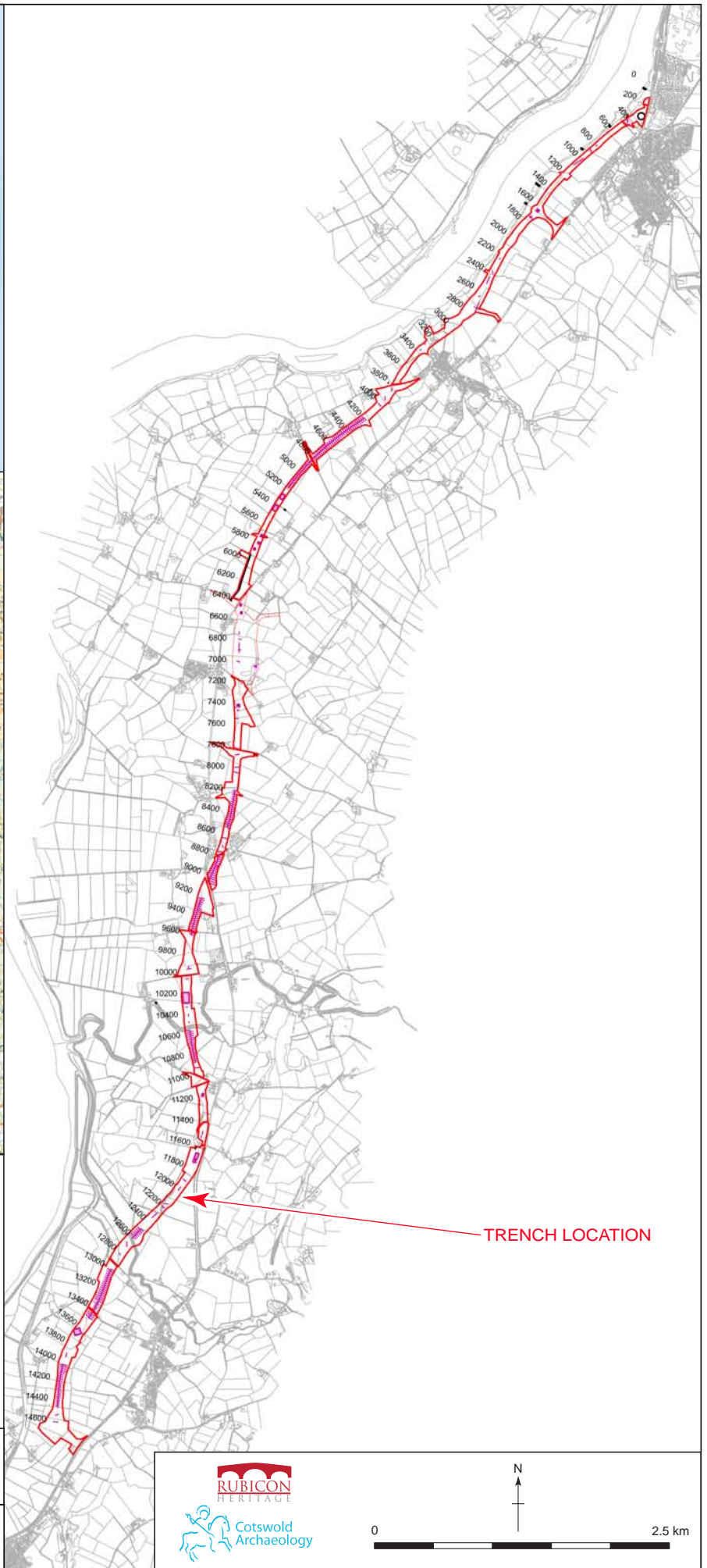


- LEGEND**
- PROPOSED SCHEME
 - SETTLEMENTS
 - NORTHERN IRELAND BOUNDARY

Client

Project

REPRODUCED FROM ORDNANCE SURVEY OF NORTHERN IRELAND'S DATA WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT AND DATABASE RIGHTS NIMA ES&LA214. UNAUTHORISED REPRODUCTION INFRINGES © CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS



0 2.5 km

Figure 1 - Section 1 of proposed development

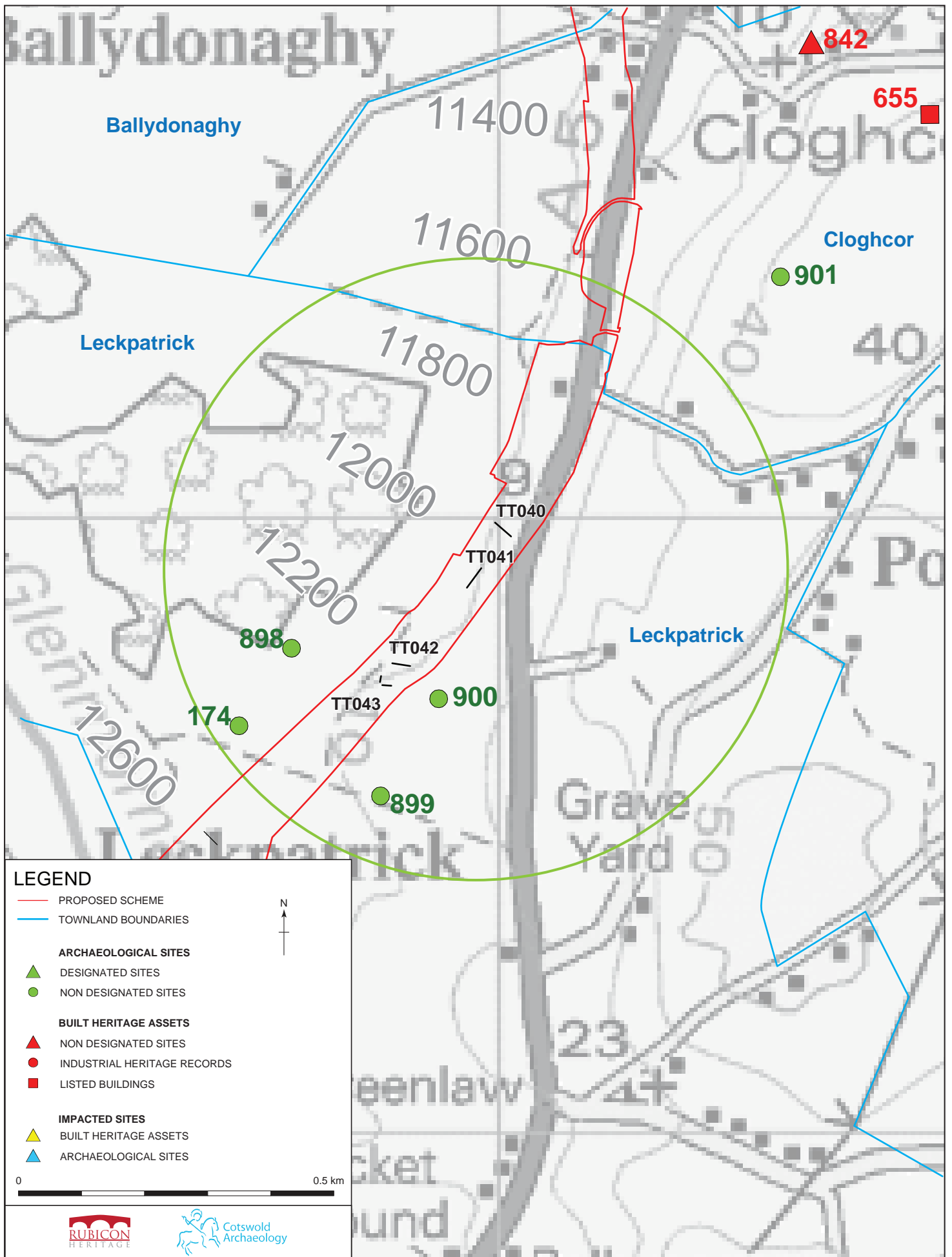


Figure 2 - Archaeological and built heritage assets within 1km of TT040; TT041; TT042 and TT043

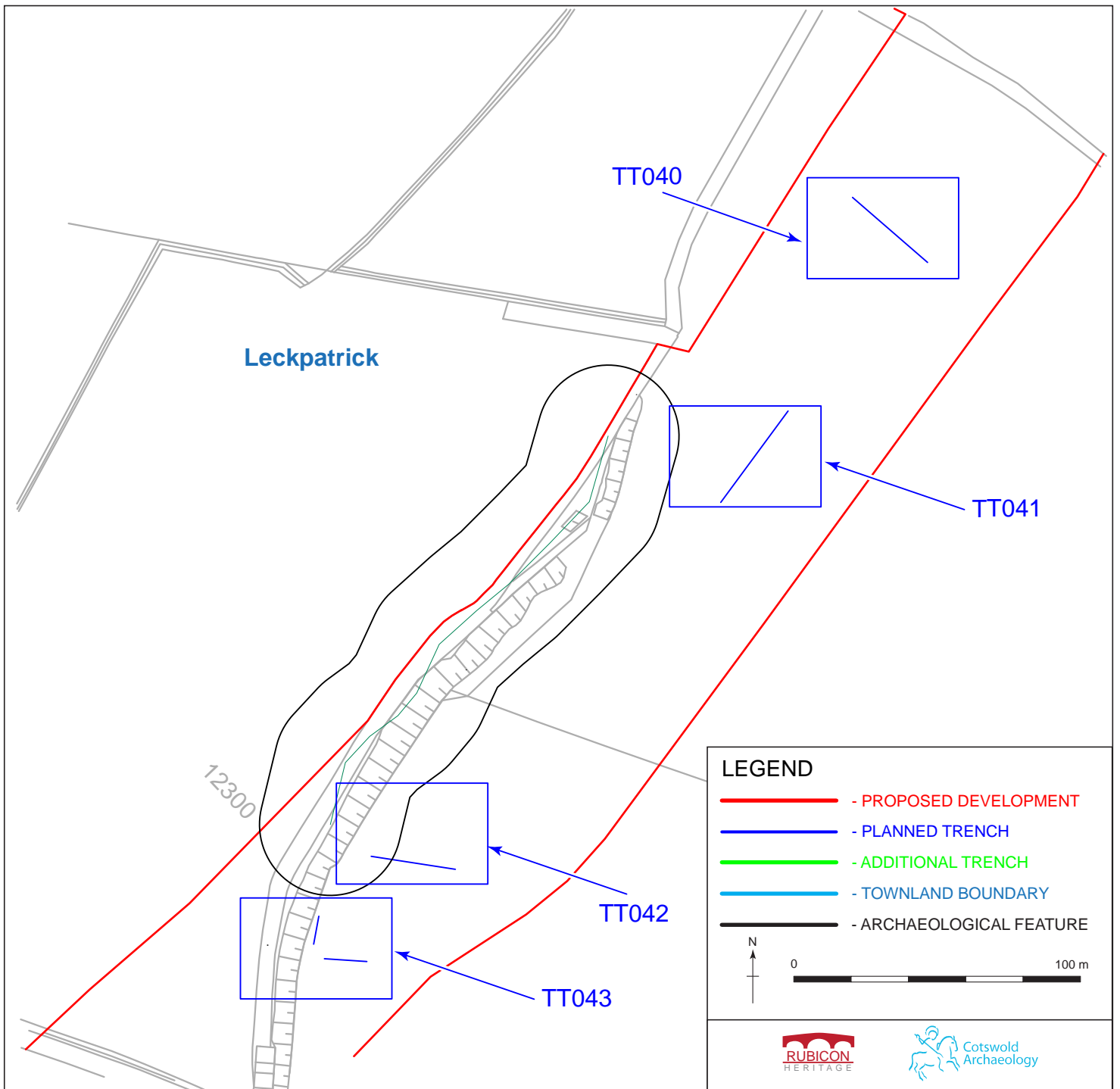


Figure 3 - TT040; TT041; TT042 and TT043 trench plan



PLATE 1: TT040 under excavation



PLATE 2: TT041 under excavation



PLATE 3: TT042 under excavation



PLATE 4: TT043 under excavation



Cotswold
Archaeology



A5 Western Transport Corridor

Section 1

New Buildings – South of Strabane

Assessment Report

Evaluation Trenching of TT050; 051; 052



Director: Brian O'Hara

Report Author: Mandy Stephens

Licence No: AE/13/13E



TABLE OF CONTENTS

1	INTRODUCTION	1
2	CIRCUMSTANCES AND DATES OF FIELDWORK.....	1
3	OBJECTIVES AND METHODOLOGY	1
4	ARCHAEOLOGICAL BACKGROUND.....	2
5	FACTUAL DATA: Results of Trial Trenching.....	4
6	FACTUAL DATA: Recorded Features.....	11
7	STATEMENT OF POTENTIAL	12
8	PROPOSED RESOLUTION	12

LIST OF TABLES

Table 1: Archaeological Background

Table 2: Trench Register

Table 3: Context Register

LIST OF FIGURES

Figure 1: Section 1 of the proposed development

Figure 2: Archaeological and built heritage assets within 1km of TT050, TT051 and TT052

Figure 3: TT 050; TT 051 and TT052; Trench Plans

Figure 4a & b: Archaeological Features identified in TT050

LIST OF PLATES

Plate 1: TT050 mid excavation

Plate 2: Pit (006); mid excavation

Plate 3: Pit (009); mid excavation

Plate 4: Hearth (011); mid excavation

Plate 5: Pit (012); mid excavation

Plate 6: Pit (012); mid excavation

1 INTRODUCTION

CotswoldRubicon, in association with Cotswold Archaeology, have been retained by Mouchel on behalf of The Department for Regional Development, Roads Service to carry out a program of archaeological evaluation along the route of the proposed new A5 Western Transport Corridor. The proposed development comprises the construction of offline dual carriageway extending for 37 km.

This document is an interim statement of results and relates to Section 1, New Buildings – South of Strabane in counties Tyrone and Londonderry (Figure 1).

An excavation license for the purpose of undertaking archaeological assessment of designated areas of the proposed route was issued by the Northern Ireland Environment Agency, under the terms of the Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995 and in compliance with policies BH1 – BH4 of Planning Policy Statement 6 (PPS6).

License AE/13/13E was issued to Brian O'Hara of CotswoldRubicon by the NIEA-HMU to conduct archaeological evaluations in pre determined locations along Section 1 of the route.

This report outlines the results of trial trenching at TT050; TT051 and TT052 in the townland of Desert, Co. Tyrone (Figure 2).

2 CIRCUMSTANCES AND DATES OF FIELDWORK

Field work was carried out at trench groups TT050 (Ch. 14070 – Ch. 14525), TT051 (Ch. 14540 – Ch. 14575) and TT052 (Ch. 14625 – Ch. 14645) at the southern end of the route between 06 February and 07 February 2013 (Figure 1). The trench layout was designed by Mouchel and formed part of the contract documents for the Phase 1 works. During design each block of trial trenches were numbered consecutively, ie TT050.1; TT051.2 (Figure 3) and these numbers have been retained for Phase 1 work for ease of recording and presentation.

3 OBJECTIVES AND METHODOLOGY

The objective of the evaluation was to provide information about the recorded and unrecorded archaeological resource within the road corridor, including its presence/absence, character, extent, date, integrity, state of preservation and quality, in accordance with the Standard and Guidance for Archeological Field Evaluation (IfA 2008). This information will enable NIEA and Mouchel to identify

and assess the particular significance of any heritage asset, consider the impact of the proposed development upon it and design a strategy to mitigate the effect of the scheme.

The removal of topsoil during test trenching was conducted using a 360° tracked machine fitted with a 1.9 m wide ditching (toothless) bucket under constant archaeological supervision.

Written, drawn and photographic records were made using CotswoldRubicon standard method on *pro forma* record sheets. Ordnance Datum levels and feature locations were recorded using GPS.

Any artefacts, materials and each category of data recovered during the test excavation were treated in accordance with the requirements and standards set by the following:

- *Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995*
- *Excavation Standards Manual EHS - HMU*
- *Management of Archaeological Projects (2nd Ed.) (MAP 2) English Heritage*
- *Standard and Guidance for Archaeological Field Evaluations IFA*
- *Guidelines for Archaeologists IAI*
- *A5 WTC Archaeological Investigation: Specification (Works Information Folder 4 of 8)*

4 ARCHAEOLOGICAL BACKGROUND

The Environmental Impact Statement (EIS) undertaken for the proposed road scheme (Chapter 9; http://www.a5wtc.com/Environmental_Statement.aspx) identified three sites in the vicinity of TT050; 051 and TT052. These are all post medieval in date and include a bridge (Ref. 548) and two vernacular buildings (Ref. 827; Ref. 848) shown on Figure 2.

The townland name *Desert* often indicates the presence a monastic house, however there are no archaeological monuments listed in the NISMR for the townland. Records for adjacent townlands are listed in tabular form below. These include prehistoric cist burials, a rath and a battle site. The Strabane Canal, a scheduled monument, is also recorded (Table 1).

The road corridor was also partially assessed by a geophysical survey (Durham University 2012). Geophysical areas 11, 12 and 13 correspond with the location of these trenches. The location of TT050 has not been subject to geophysical assessment. Geophysical Areas 12 and 13 correspond with the location of TT051 and TT052. The survey recorded potentially disturbed ground in Area 12 and potential soil filled features in Area 13.

Townland	SMR	Site Type	Period
Desert; Woodend; Greenlaw;	TYR005:500	Canal	Modern
Woodend	TYR005:016	Five Cist Burials	Bronze Age
Ballymagorry	TYR005:005	Rath	Early Medieval
Ballydonaghy; Greenlaw	TYR002:042	Battle Site: Battle Of The Fords, Northern Crossing, 1689	Early Modern

Table 1: Archaeological Background

5 FACTUAL DATA: Results of Trial Trenching

Archaeological test trenching was carried out on Section 1 between 06 February and 07 February 2013. Excavation details are listed in tabular form below.

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
14070 - 14525	50	TT050.1a	Centre	1.9	0.45	N-S	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.2					Trench not excavated: located within exclusion zone	
14070 - 14525	50	TT050.3		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sand Features identified: yes Finds & samples: no	Pit (009)
14070 - 14525	50	TT050.4		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.5		1.9	0.15	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sand Features identified: yes Finds & samples: no	Pit (006)
14070 - 14525	50	TT050.6		1.9	0.5	E-W	Topsoil: mid grey brown silty sand Natural subsoil: mid orange gravelly sand Features identified: yes Finds & samples: no	Hearth (011)
14070 -	50	TT050.7		1.9	0.2	E-W	Topsoil: mid grey brown silty clay	

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
14525							Natural subsoil: mid orange gravelly sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.8		1.9	0.35	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.9		1.9	0.2	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly sandy clay Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.10		1.9	0.35	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.11		1.9	0.2	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.12		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.13		1.9	0.2	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
14070 - 14525	50	TT050.14		1.9	0.33	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.15		1.9	0.25	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey silt Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.16		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.17		1.9	0.18	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange clayey sand Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.18					Trench not excavated: area fenced off	
14070 - 14525	50	TT050.1b		1.9	0.25	N-S	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly clay Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.19			0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange gravelly clay Features identified: no Finds & samples: no	

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
14070 - 14525	50	TT050.20		1.9	0.32	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.21		1.9	0.5	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.22		1.9	0.4	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid orange brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.23		1.9	0.5		Topsoil: mid grey brown silty clay Natural subsoil: mid orange brown gravelly clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.24					Trench not excavated: exclusion zone	
14070 - 14525	50	TT050.25					Trench not excavated: exclusion zone	
14070 - 14525	50	TT050.1c		1.9	0.45	N-S	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: yes Finds & samples: no	Pit (012); Stakehole (014)

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
14070 - 14525	50	TT050.26					Trench not excavated: exclusion zone	
14070 - 14525	50	TT050.27					Trench not excavated: exclusion zone	
14070 - 14525	50	TT050.28		1.9	0.45	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.29		1.9	0.4	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.30		1.9	0.4	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.31		1.9	0.4	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.32		1.9	0.25	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no	

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
							Finds & samples: no	
14070 - 14525	50	TT050.33		1.9	0.25	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.34		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.35		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.36		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.37		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.38		1.9	0.3	E-W	Topsoil: mid grey brown silty clay	

Chainage	Trench Group	Trench No.	Length (m)	Width (m)	Depth (m)	Orientation	Description	Feature Interpretation
							Natural subsoil: mid brown clayey sand with gravel inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.39		1.9	0.4	E-W	Topsoil: mid grey brown silty clay Natural subsoil: grey clay with peaty inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.40		1.9	0.3	E-W	Topsoil: mid grey brown silty clay Natural subsoil: grey clay with peaty inclusions Features identified: no Finds & samples: no	
14070 - 14525	50	TT050.41		1.9	0.65	E-W	Topsoil: mid grey brown silty clay Natural subsoil: grey clay with peaty inclusions Features identified: no Finds & samples: no	
14540 - 14575	51	TT051		1.9	0.28	NE - SW	Topsoil: mid grey clayey silt Natural subsoil: loose orange brown silt Features identified: no Finds & samples: no	
14625 - 14645	52	TT052					Trench not excavated: exclusion zone	

Table 2: Trench Register

6 FACTUAL DATA: Recorded Features

All of the identified archaeological remains were located in TT050. Three pits, one stakehole and a hearth were identified, described below (Table 3; Plates 1 – 6). Two of the pits (006); (009) and hearth (011) are located in close proximity and may be related features. Pit (012) was identified in seeming isolation to the north of that group. Feature locations are shown on Figure 4:

Tr No.	Context no.	Context Type	Chainage	Length (m)	Width (m)	Depth (m)	Context Description	Feature Interpretation
TT50.05	3	Fill	14070 - 14525	0.45	0.44	0.03	Moderately compact; grey brown, clayey silt, freq. charcoal inclusions.	Upper fill of pit (006)
TT50.05	4	Fill	14070 - 14525	0.45	0.44	0.02	Moderately compact; orange silt, freq. Charcoal inclusions.	Mid fill of pit (006)
TT50.05	5	Fill	14070 - 14525	0.45	0.44	0.02	Moderately compact; mid to dark grey brown, clayey silt, freq. Charcoal inclusions.	Base fill of pit (006)
TT50.05	6	Cut	14070 - 14525	0.45	0.44	0.07	Sub-circular; gentle break of slope, top; gradual sides.	Pit
TT50.03	7	Fill	14070 - 14525	1.6	1.1	0.18	Mid brown gravelly sand; freq. pebble inclusions; occ. charcoal flecks	Upper fill of pit (009)
TT50.03	8	Fill	14070 - 14525	1.6	1.1	0.09	Loose, dark brown clayey silt; moderate charcoal flecks	Lower fill of pit (009)
TT50.03	9	Cut	14070 - 14525	1.6	1.1	0.27	Irregular; NE-SW; sharp break of slope top; steep sides; sharp break of slope base	Pit
TT50.06	10	Fill	14070 - 14525	0.55	0.55	0.12	Loose, dark brown - black charcoal rich silt; moderate inclusions of scorched orange clay	Fill of hearth (011)
TT050.6	11	Cut	14070 - 14525	0.55	0.55	0.12	Irregular in plan; not excavated	Hearth
TT050.01c	12	Cut	14070 - 14525	1.2	1.16	0.2	Irregular; N-S; gentle break of slope, top; gradual sides; gradual break of slope, base.	Pit
TT050.01c	13	Fill	14070 - 14525	1.2	1.16	0.2	Irregular; firm; mid grey brown clayey silt; occ. Charcoal flecks	Fill of pit (012)

Tr No.	Context no.	Context Type	Chainage	Length (m)	Width (m)	Depth (m)	Context Description	Feature Interpretation
TT050.01c	14	Cut	14070 - 14525	0.1	0.1		Circular; possibly associated with pit (012)	Stake-hole
TT050.01c	15	Fill	14070 - 14525	0.1	0.1		Mid grey brown clayey silt; freq. Charcoal flecks	Fill of stake-hole (014)

Table 3: Context Register

7 STATEMENT OF POTENTIAL

The results of the test excavation at the proposed development site indicate that archaeological features or deposits are present at the site and are potentially significant.

Three pits, one stakehole and a hearth of unknown date were identified (Figure 3). Pit (012) and associated stakehole (014) were identified in seeming isolation to the north of the other group of features and will be recorded as Desert A.

Two of the pits (006); (009) and hearth (011) are located in close proximity and may be related features. This site will be recorded as Desert B.

Hearth (011) and charcoal rich deposits in pit (006) might indicate past industrial activity at the site, related to processes such as charcoal production or metalworking, or possibly domestic activity related to nearby settlement in antiquity.

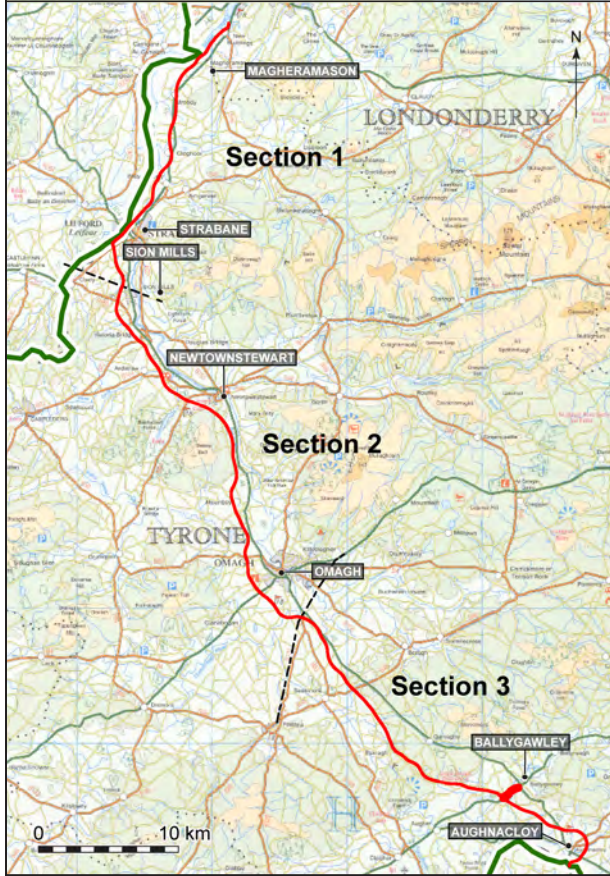
At *Desert A* there is high potential for pit (012) and stakehole (014) to be related to each other, and so there is also high potential that additional features may be present in proximity to them. This area of potential constitutes approximately 400 m² (Figure 4a).

There is high potential for related archaeological features to be present within 10 m of the pits and hearth at *Desert B*; there is also high potential that additional features may be present in proximity to them. This area of potential would constitute an area of 2000 m² (Figure 4b).

8 PROPOSED RESOLUTION

In order to fully investigate record and characterise these features, areas around these groups of features should be mechanically stripped, sufficient to expose their full limits and determine if any other related

archaeological features lie in proximity. A programme of archaeological hand excavation should then be undertaken to fully record all identified archaeological features and deposits.



- LEGEND**
- PROPOSED SCHEME
 - SETTLEMENTS
 - NORTHERN IRELAND BOUNDARY

Client

Project

REPRODUCED FROM ORDNANCE SURVEY OF NORTHERN IRELAND'S DATA WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT AND DATABASE RIGHTS NIMA ES&LA214. UNAUTHORISED REPRODUCTION INFRINGES © CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS

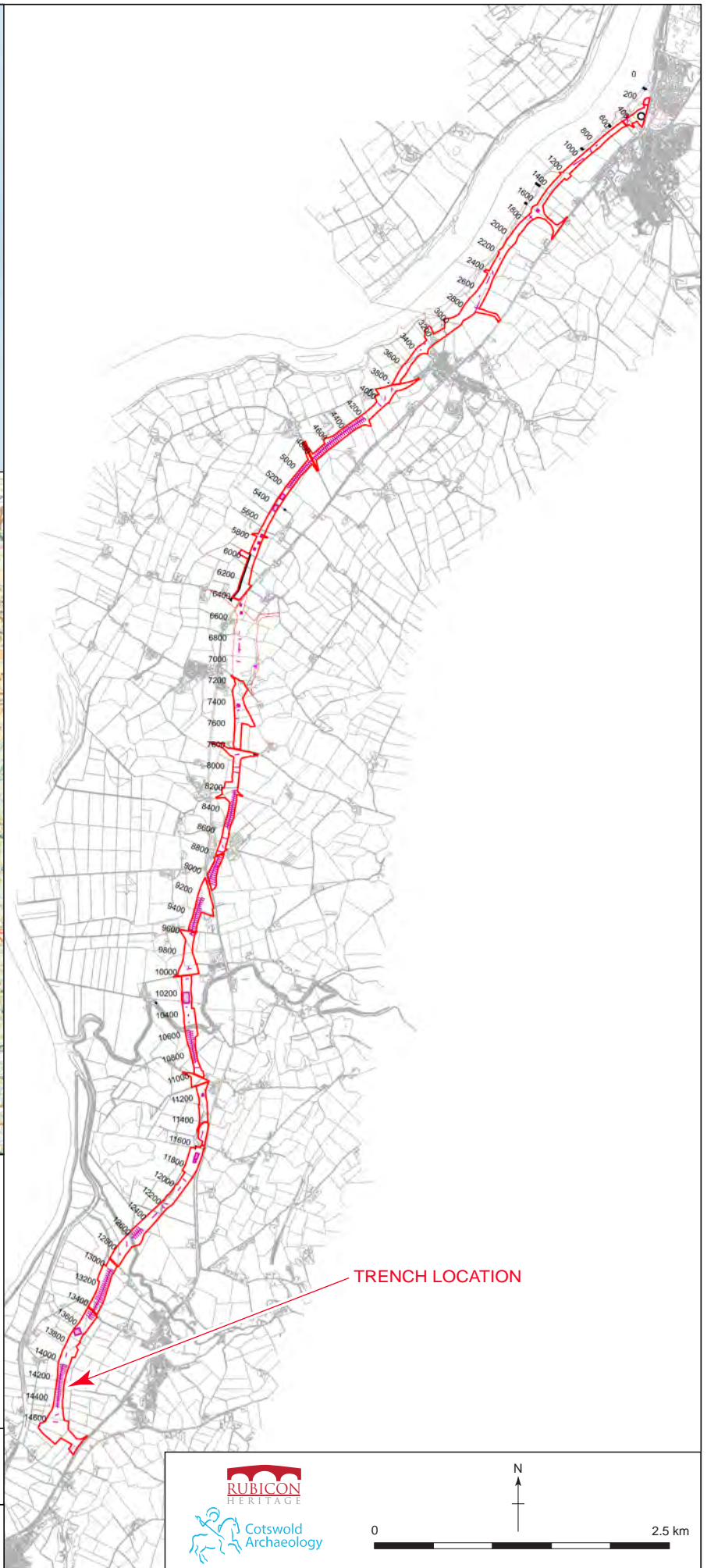


Figure 1 - Section 1 of proposed development

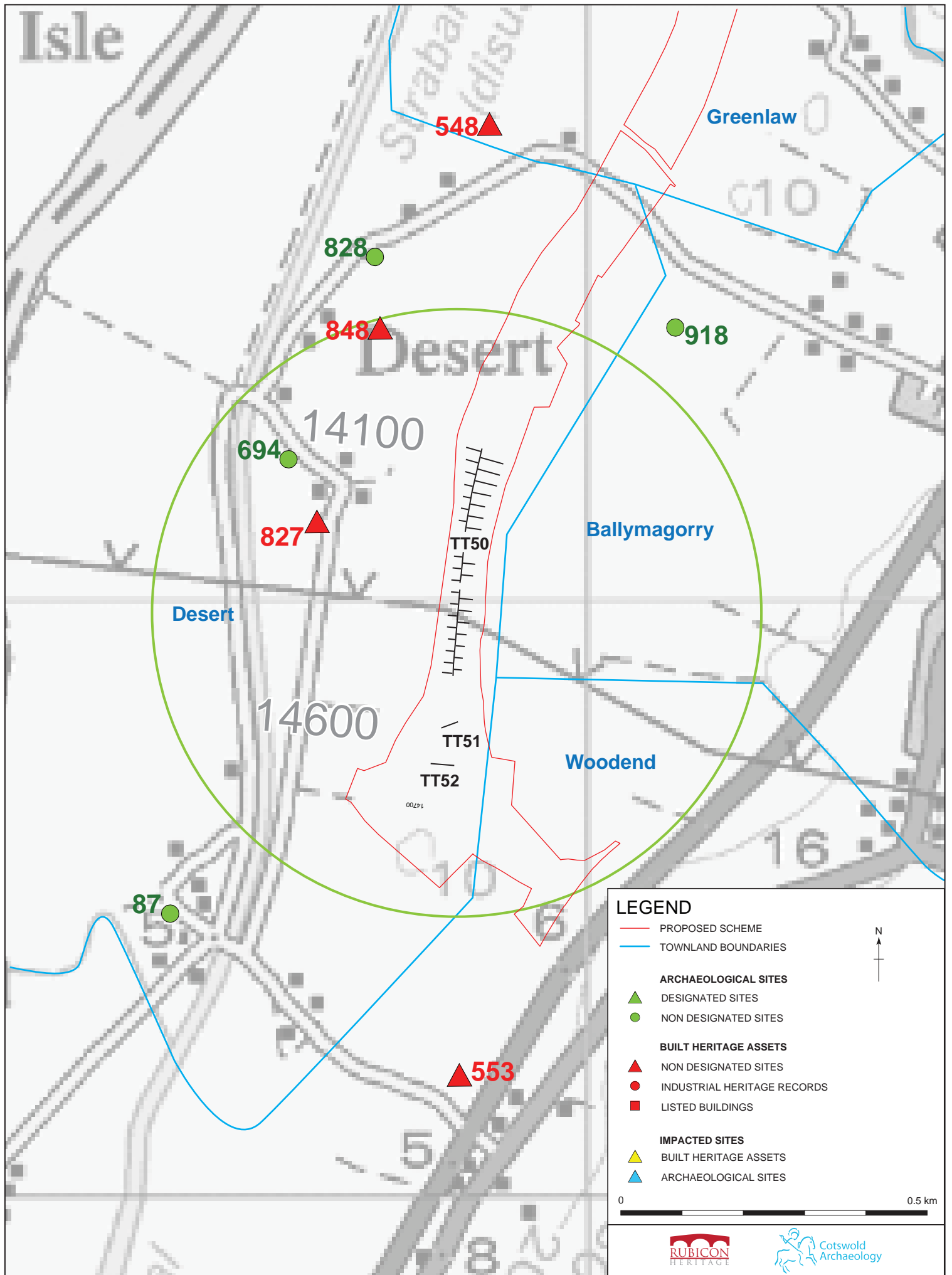


Figure 2 -Archaeological and built heritage assets within 1km of TT050, TT051 and TT052

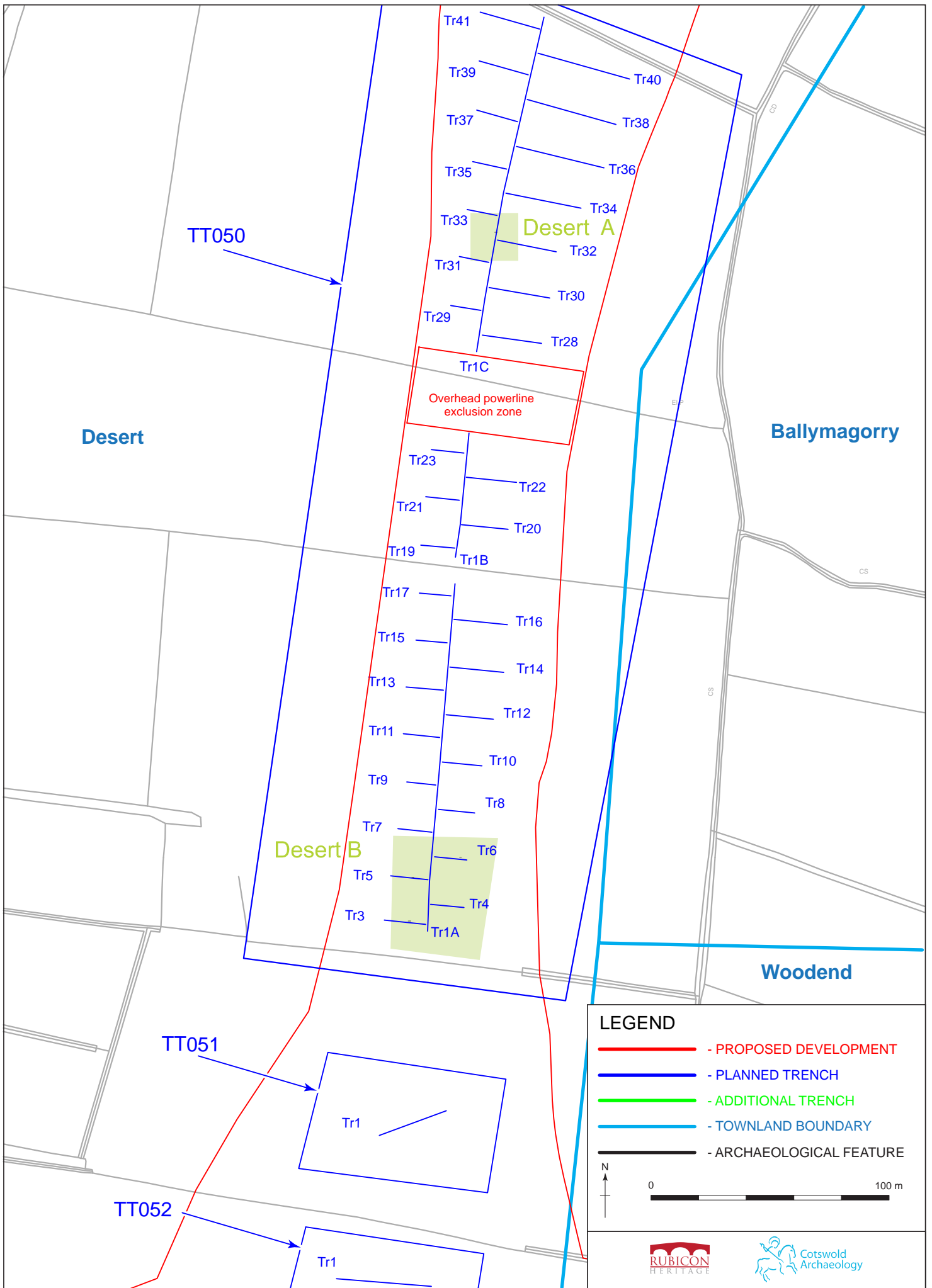


Figure 3 -TT 050; TT 051 and TT052; Trench Plans

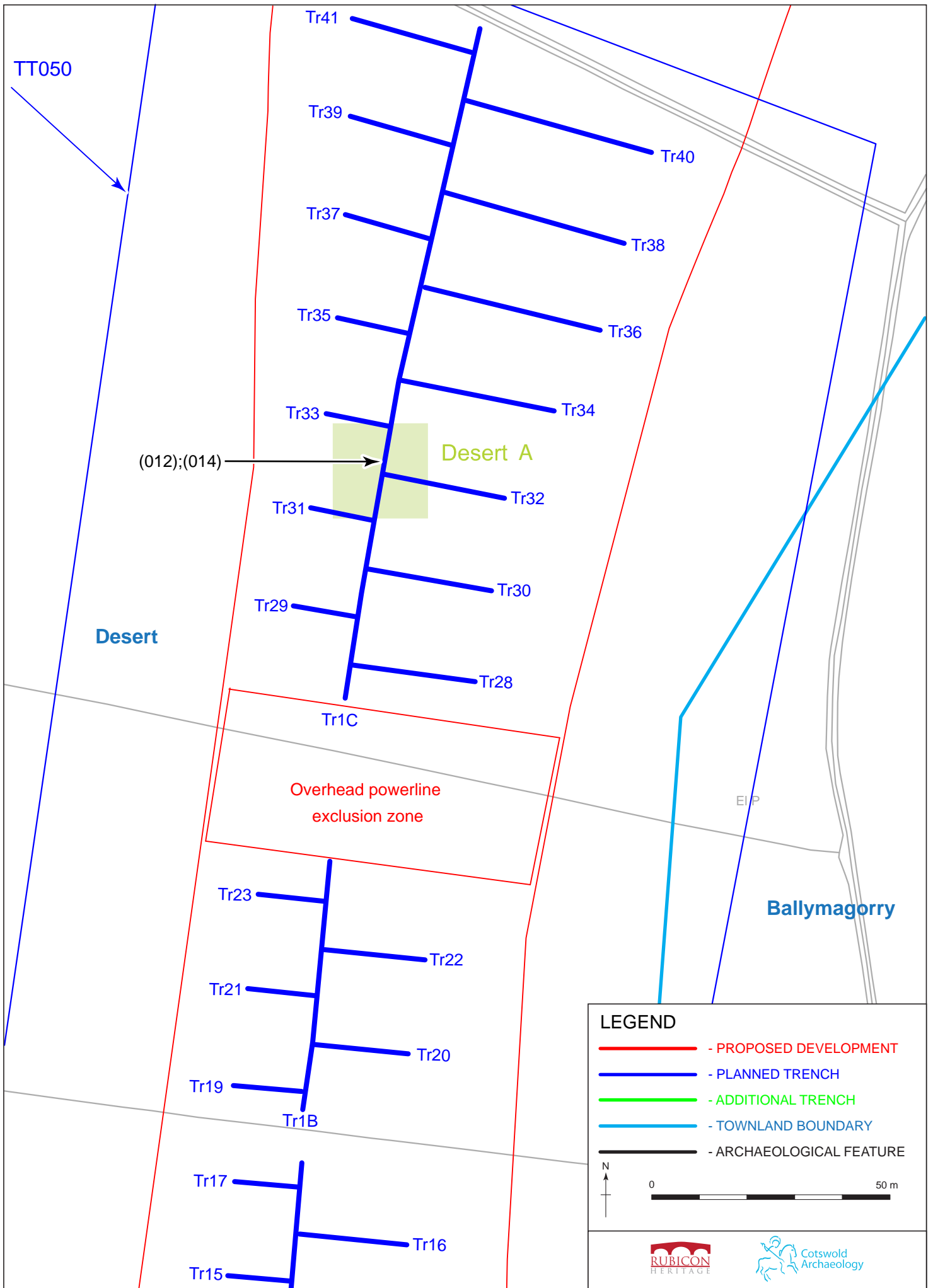


Figure 4a - Archaeological Features identified in TT050

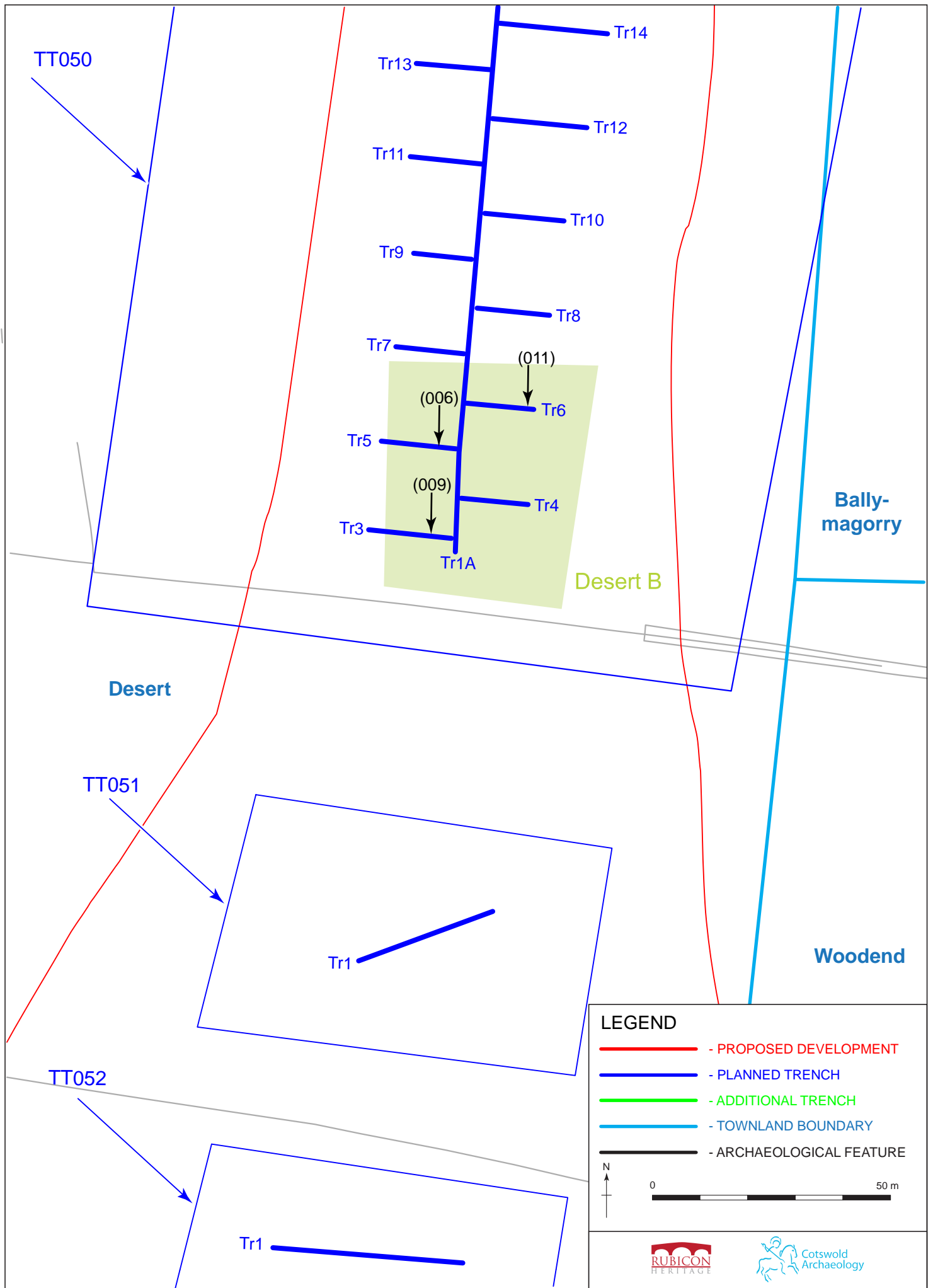


Figure 4b - Archaeological Features identified in TT050



PLATE 1: TT050 mid excavation

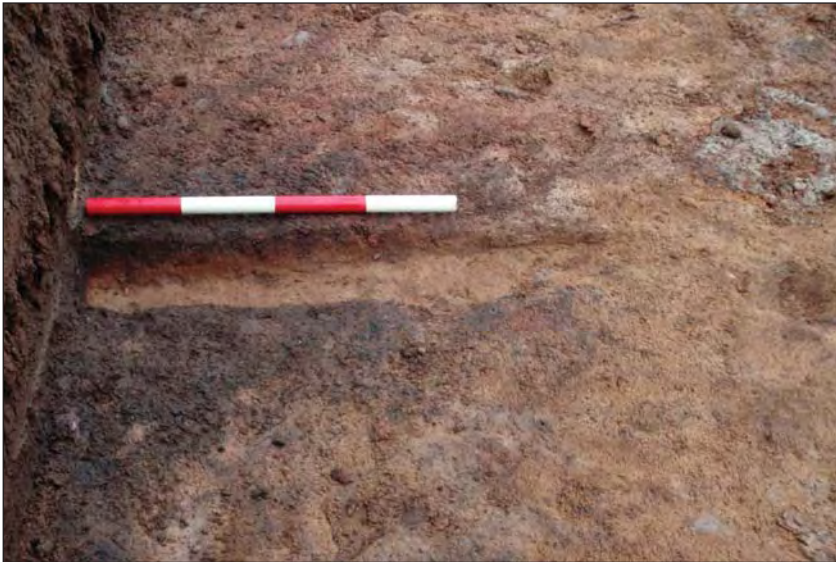


PLATE 2: Pit (006); mid excavation



PLATE 3: Pit (012); mid excavation



PLATE 4: Hearth (011); mid excavation



PLATE 5: Pit (009); mid excavation



PLATE 6: Pit (009); mid excavation