

A46 Newark Bypass

TR010065/APP/6.3

6.3 Environmental Statement

Appendix 7.4 Arboricultural Impact Assessment

Part 5

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009

Volume 6

April 2024

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009**

A46 Newark Bypass

Development Consent Order 202[x]

ENVIRONMENTAL STATEMENT

APPENDIX 7.4 ARBORICULTURAL IMPACT ASSESSMENT

PART 5

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010065
Application Document Reference	TR010065/APP/6.3
Author:	A46 Newark Bypass Project Team, National Highways

Version	Date	Status of Version
Rev 1	April 2024	DCO Application

Contents

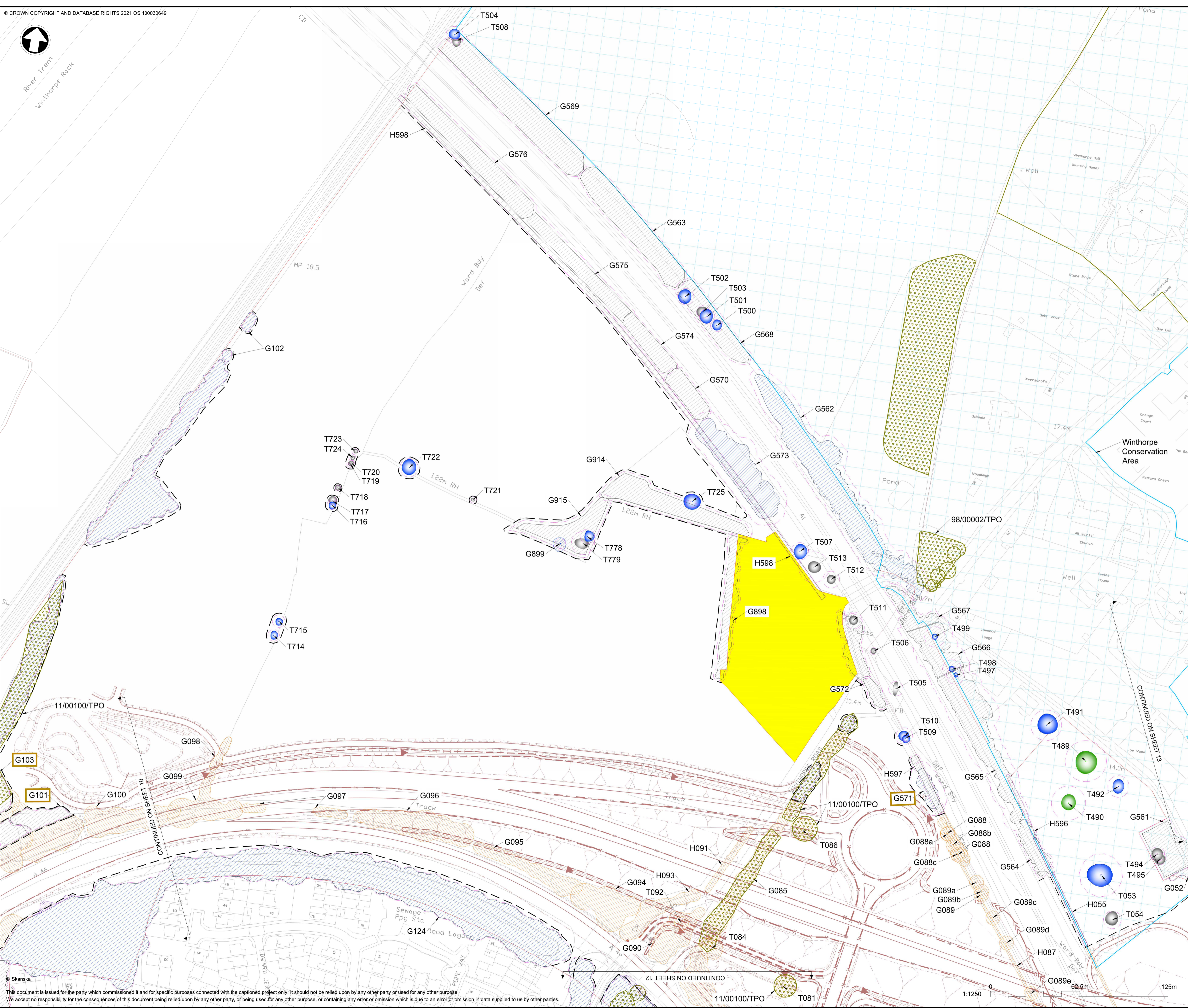
E. Appendix: Drawings

E.2 Tree protection plans (sheet 11-21)

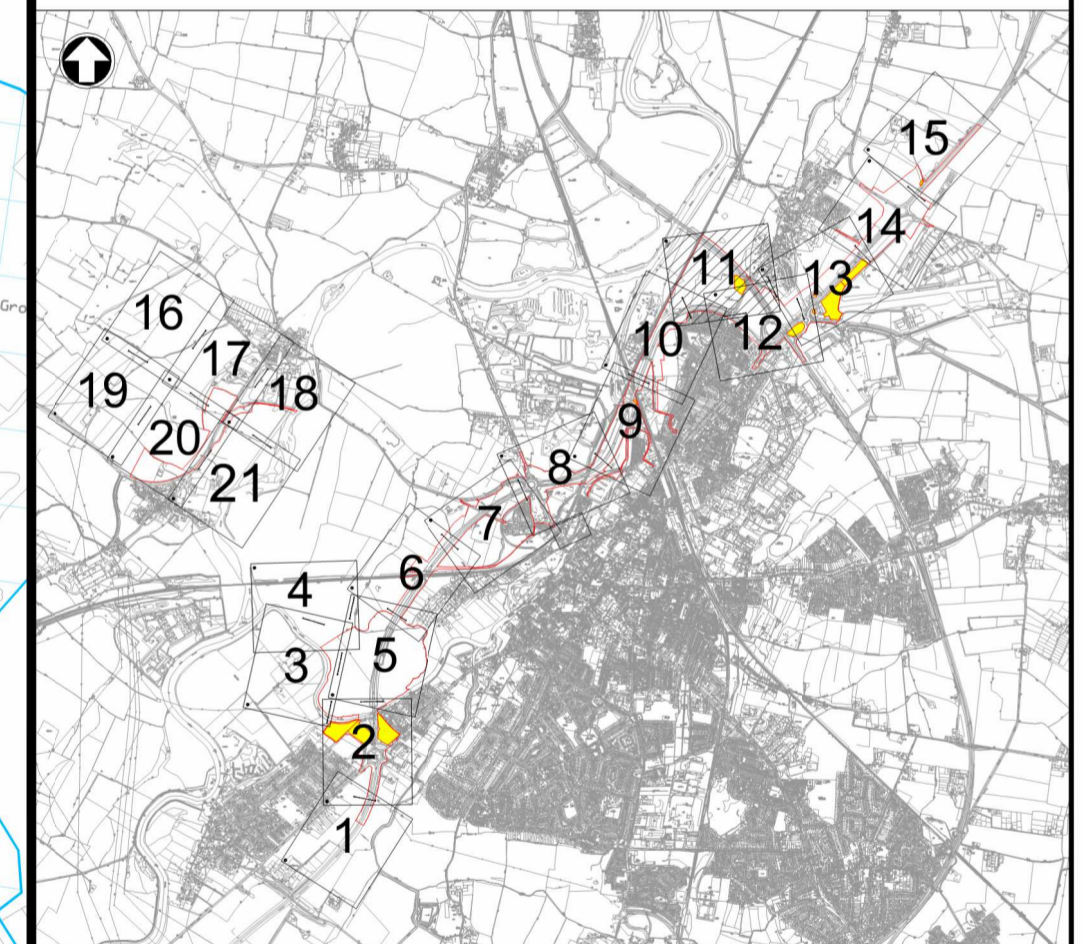
F. Appendix: Tree protection measures



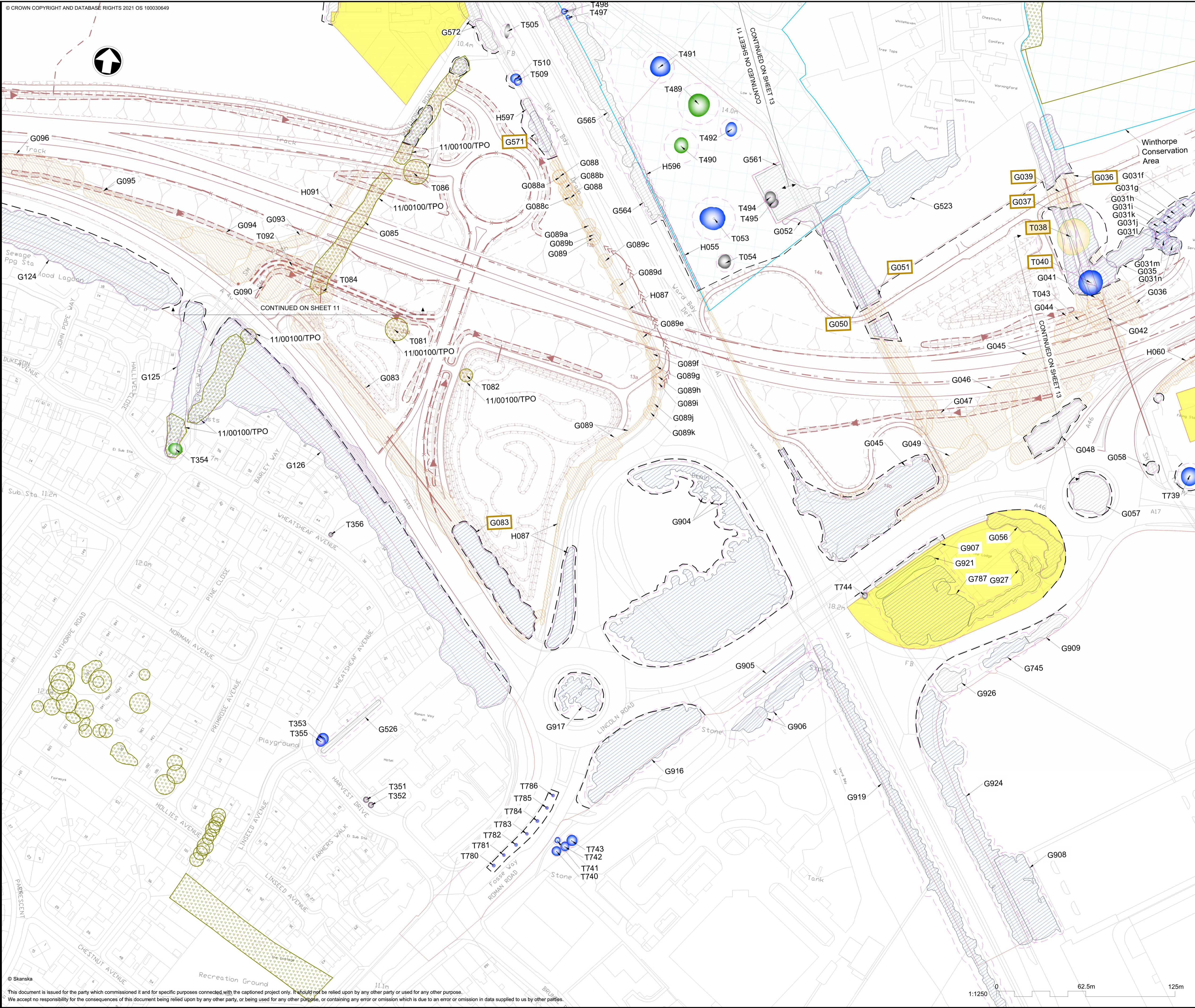
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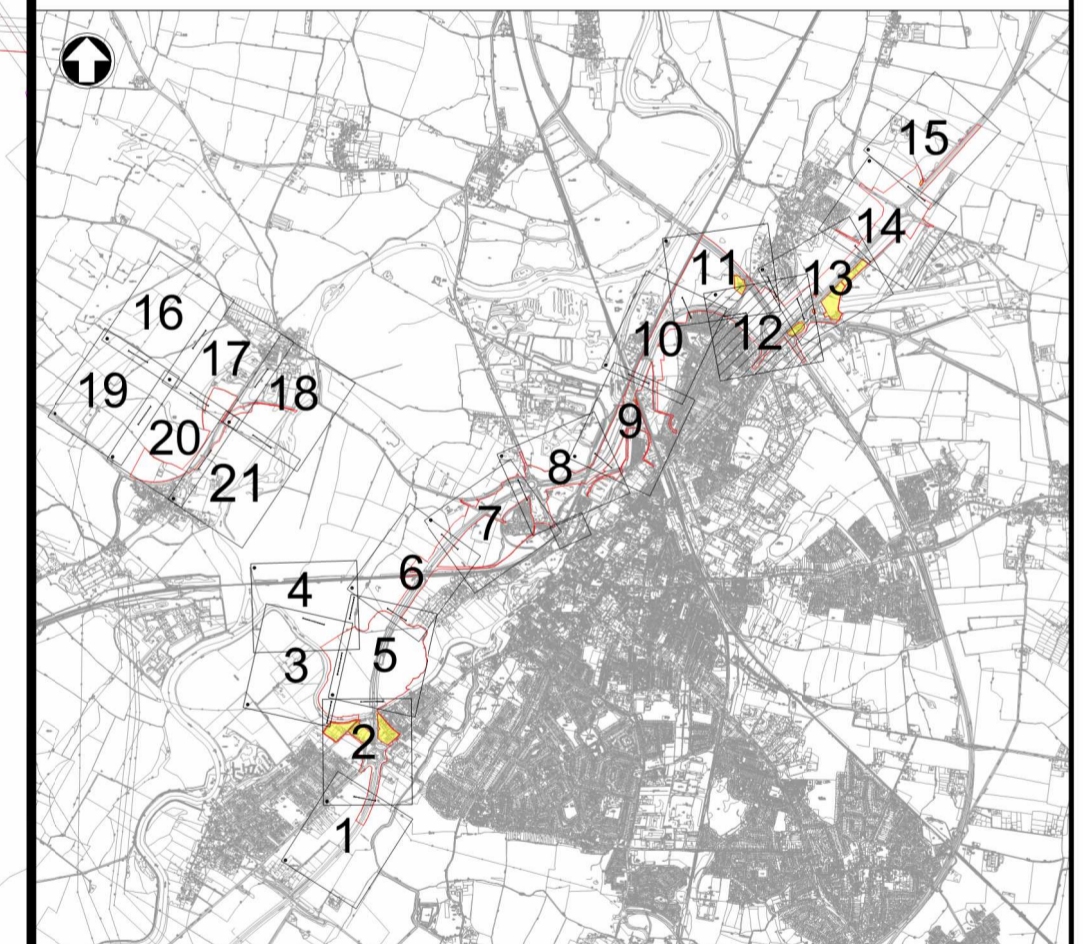
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REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
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PURPOSE OF ISSUE					
DCO APPLICATION					
DEVELOPMENT CONSENT ORDER NUMBER					
TR010065					
PROJECT TITLE					
A46 NEWARK BYPASS					
DRAWING TITLE					
Appendix E.2 Tree Protection Plan Sheet 11 of 21					
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CONWI_CONW		DR	LS	30211	REVISION
LOCATION		TYPE	ROLE	NUMBER	C01



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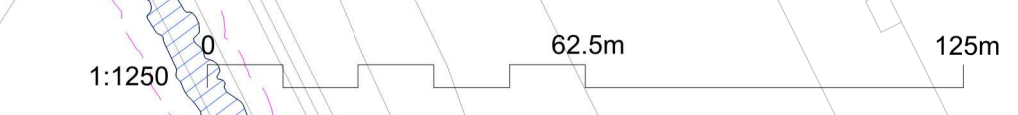
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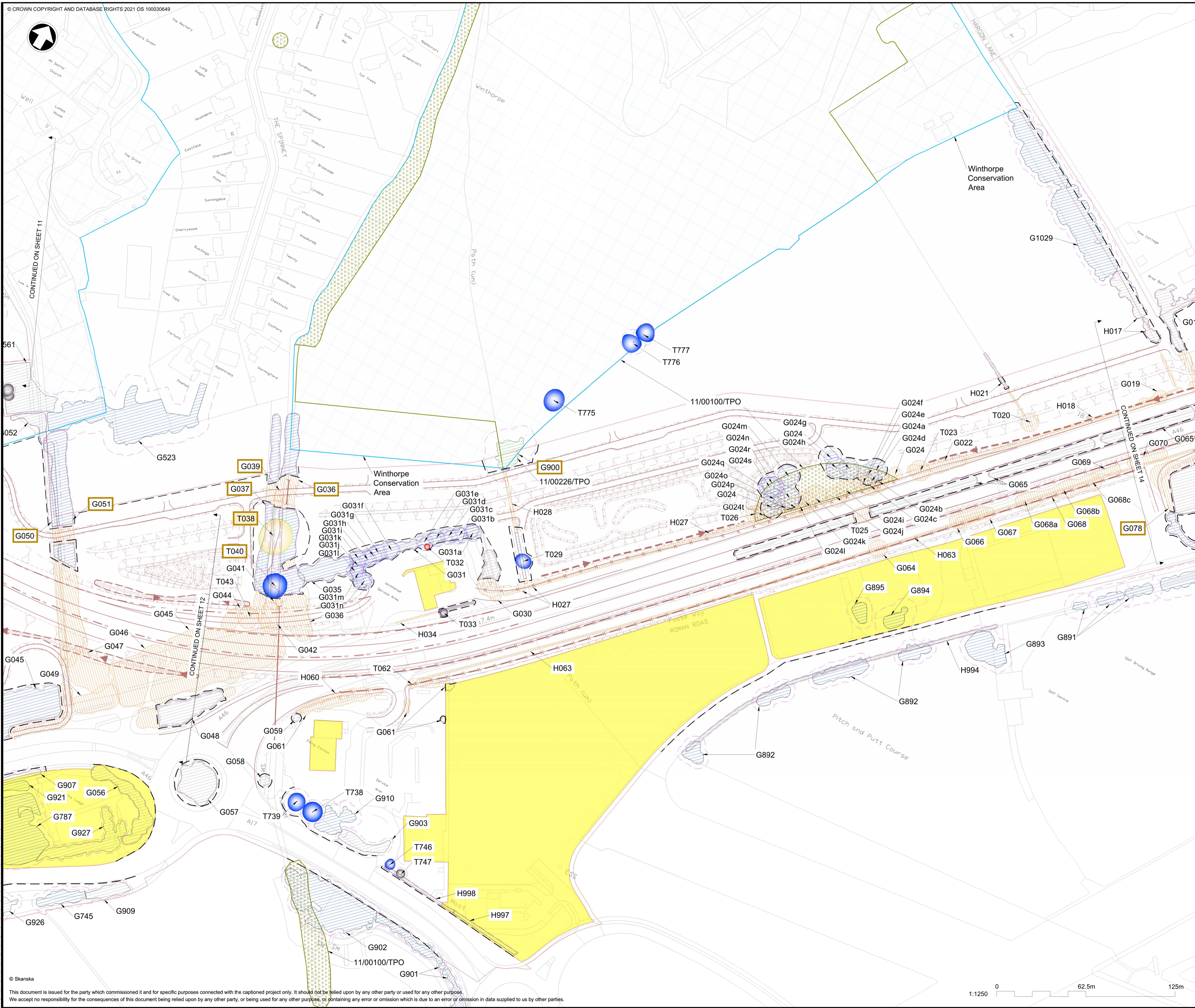
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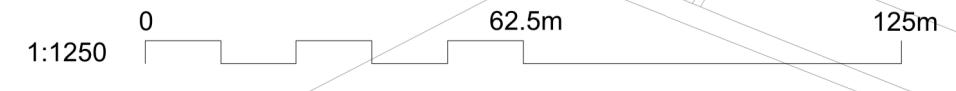
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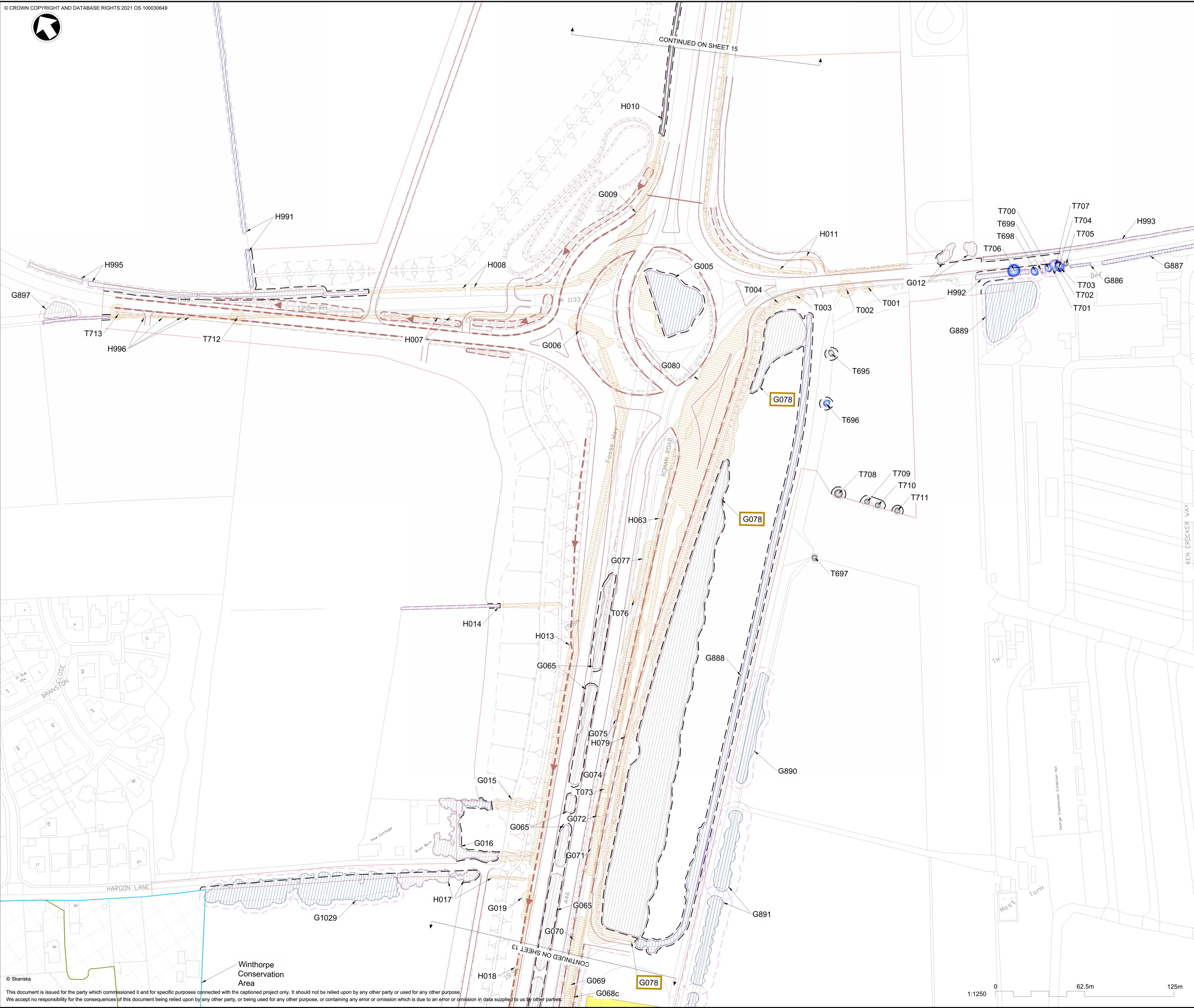
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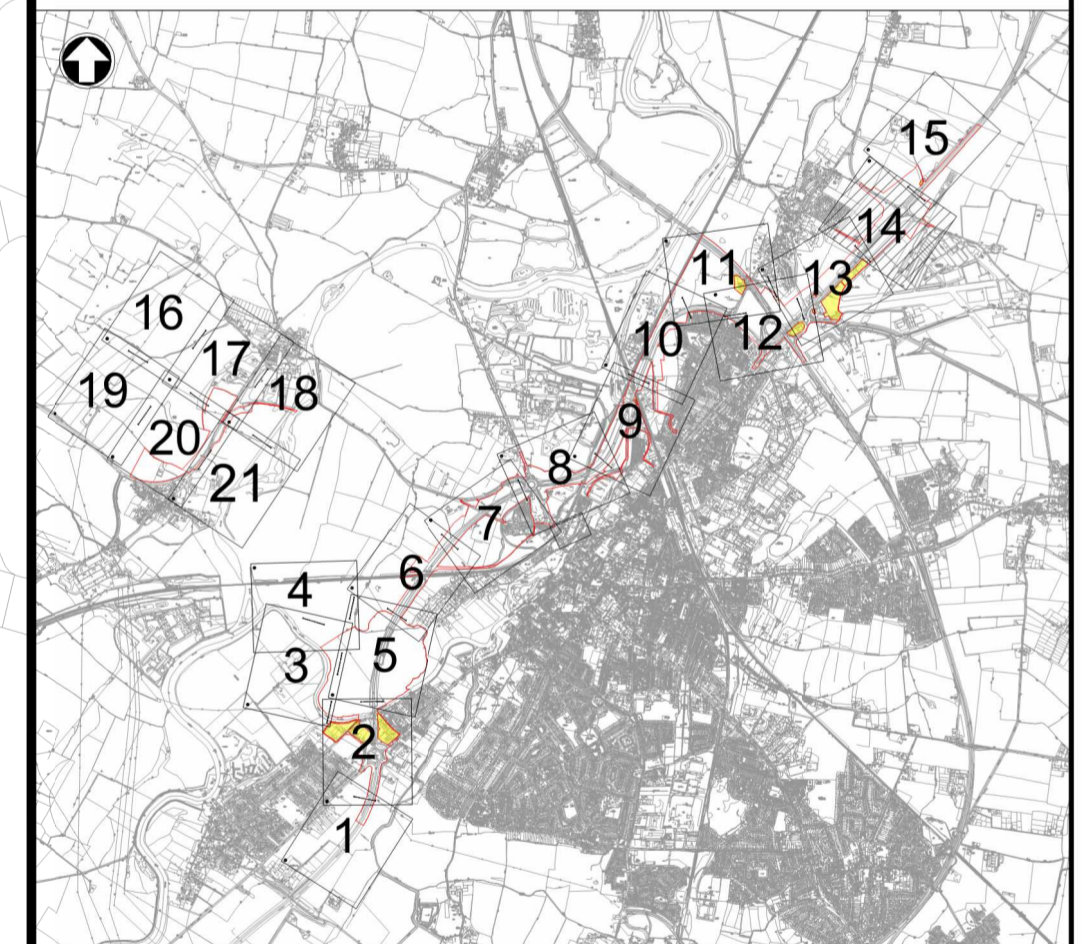
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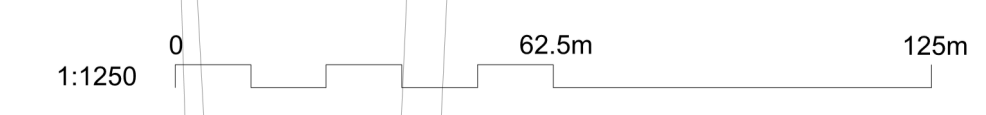
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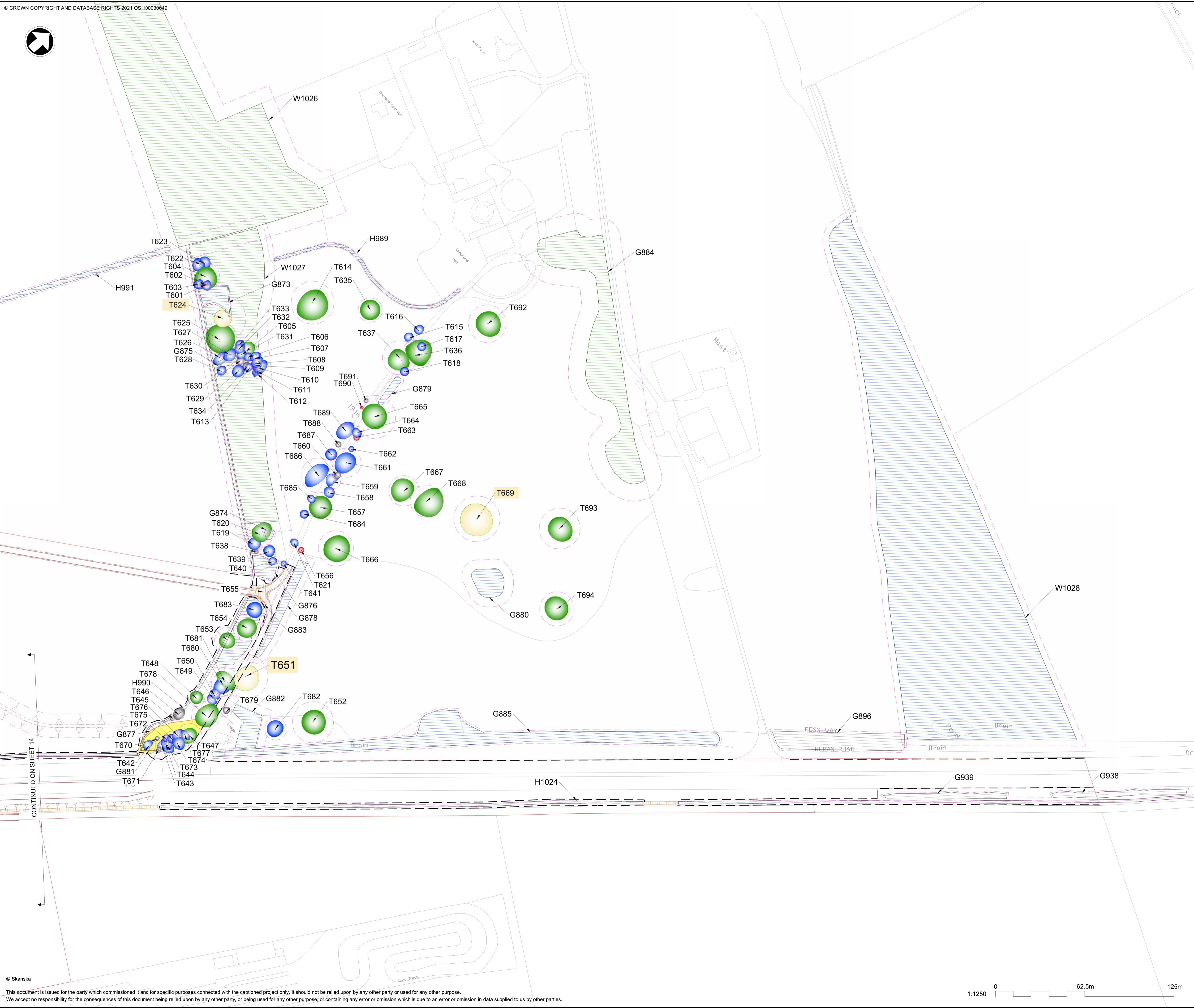
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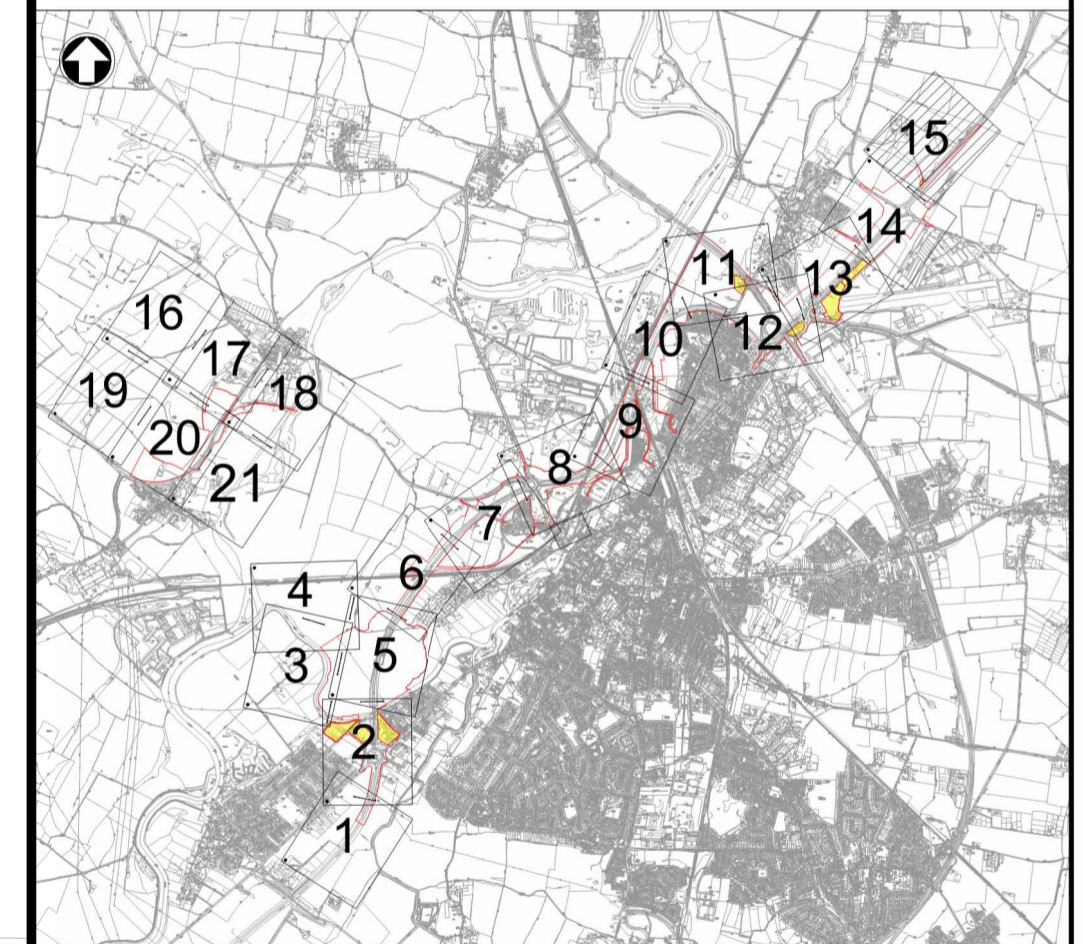
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CONWI_CONW	DR	LS	30214	REVISION	C01		
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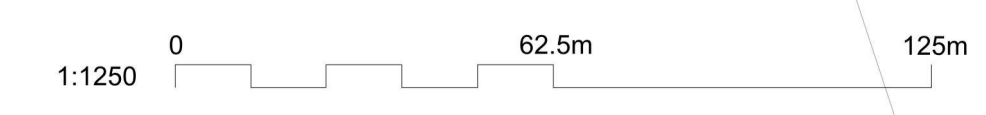
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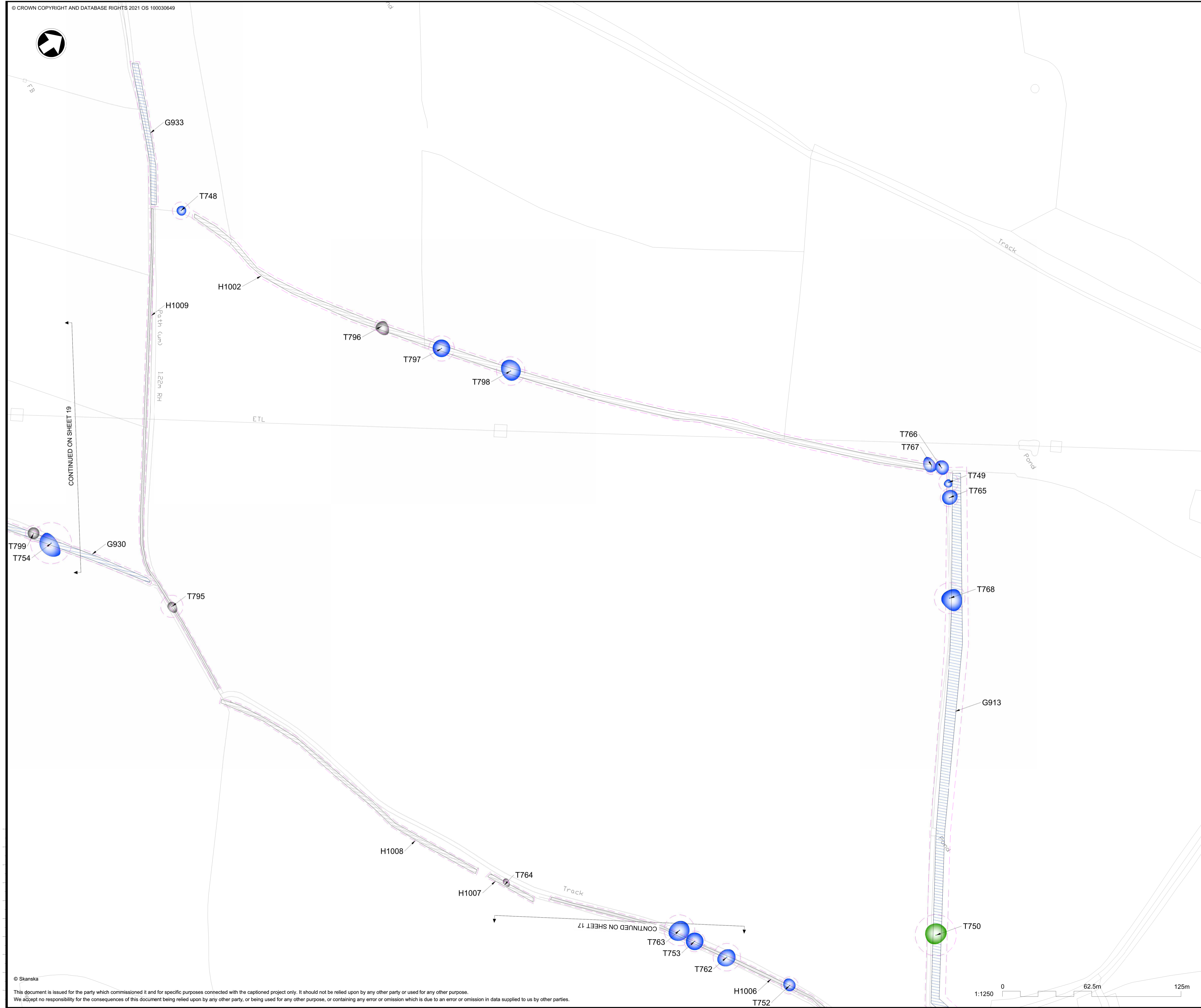
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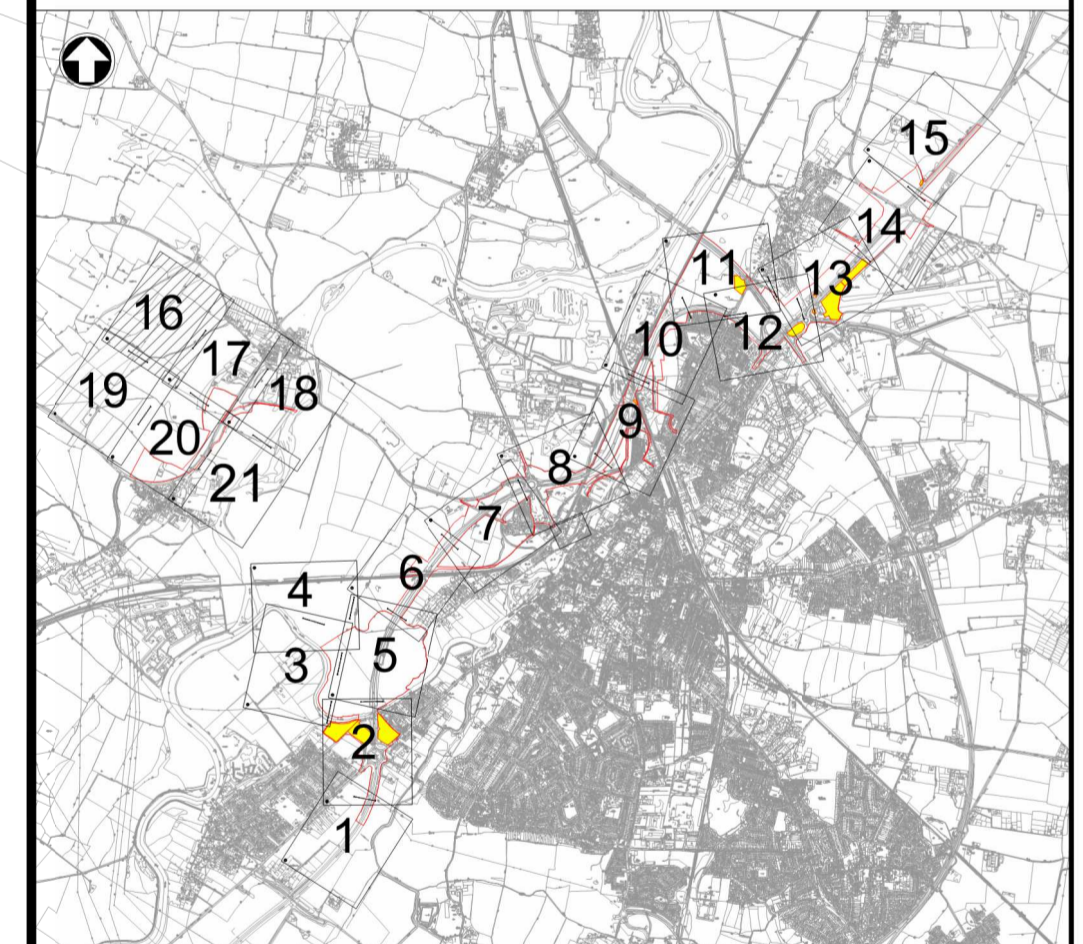




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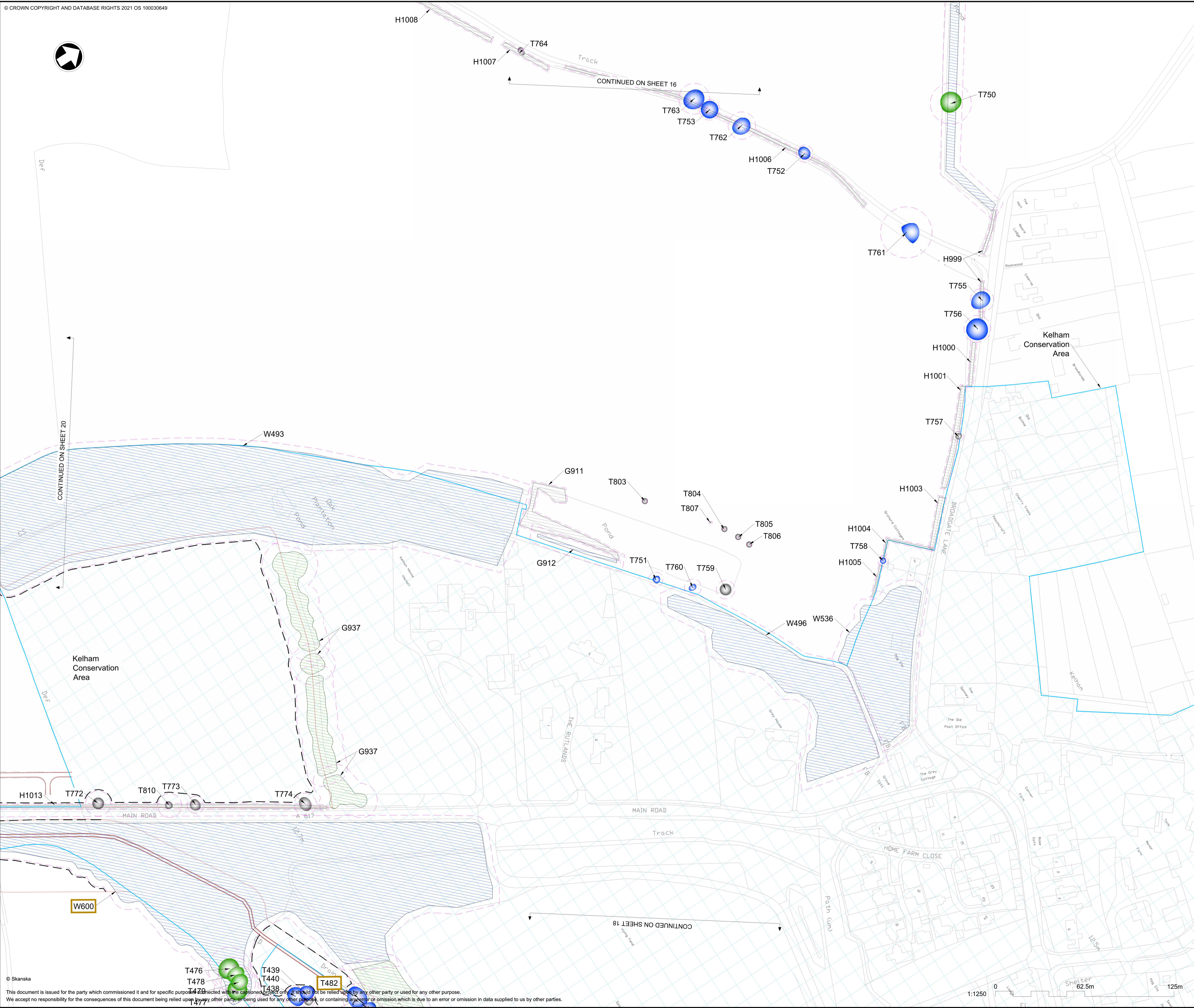
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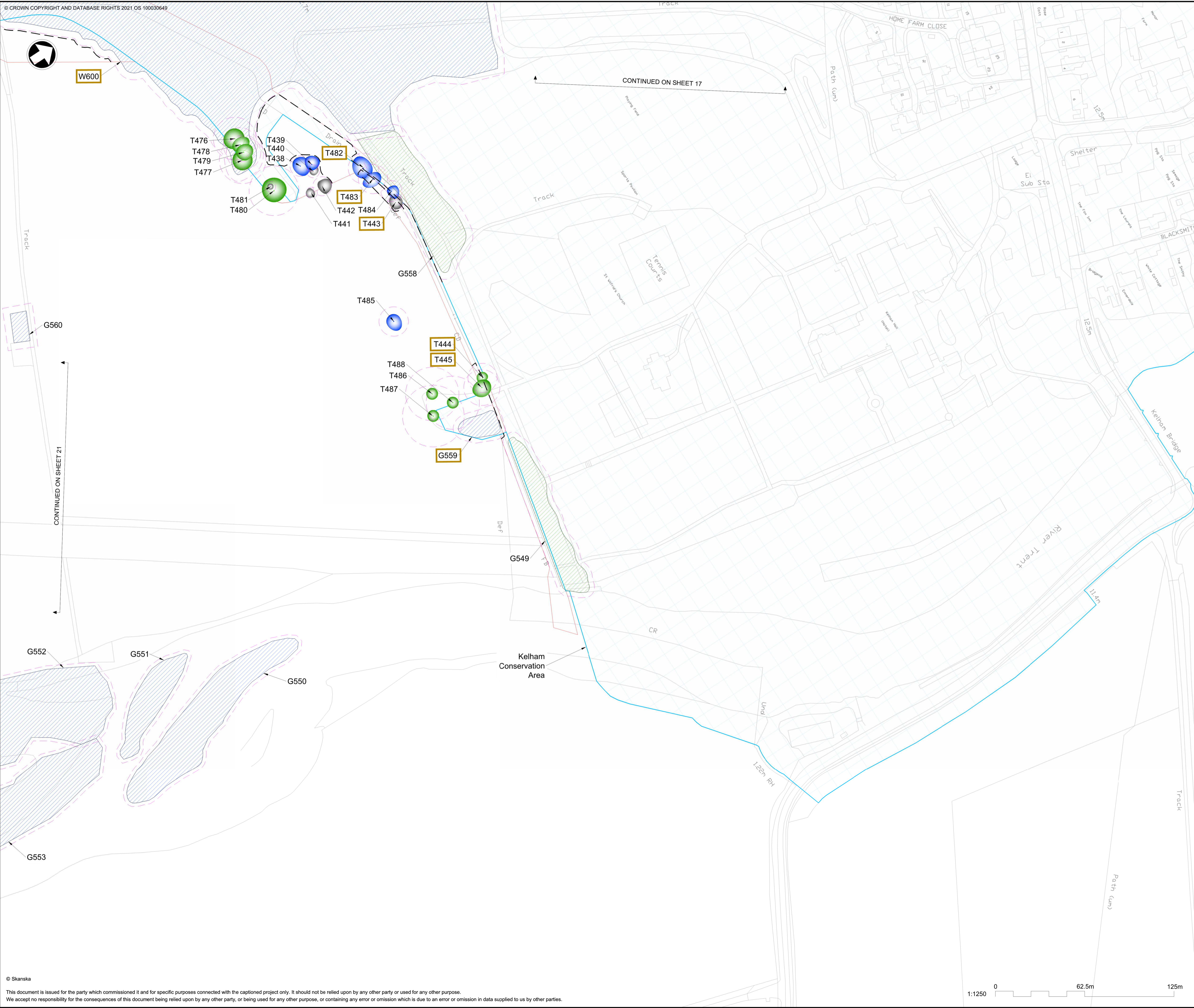




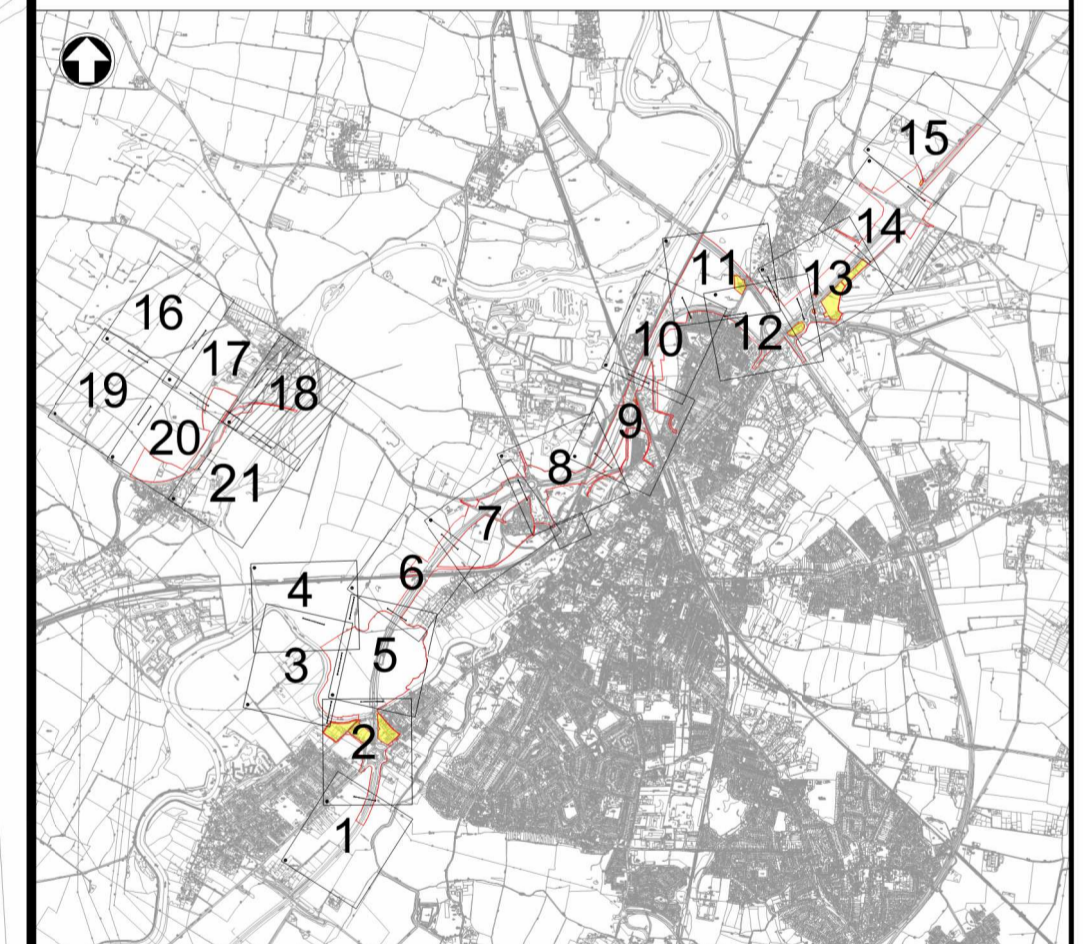
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DRAWING TITLE					
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LOCATION		TYPE	ROLE	NUMBER	C01



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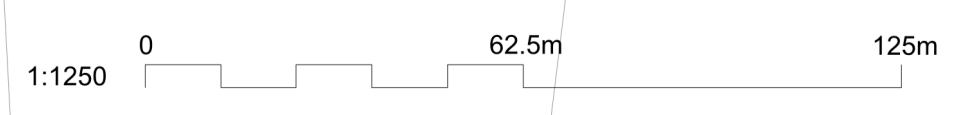
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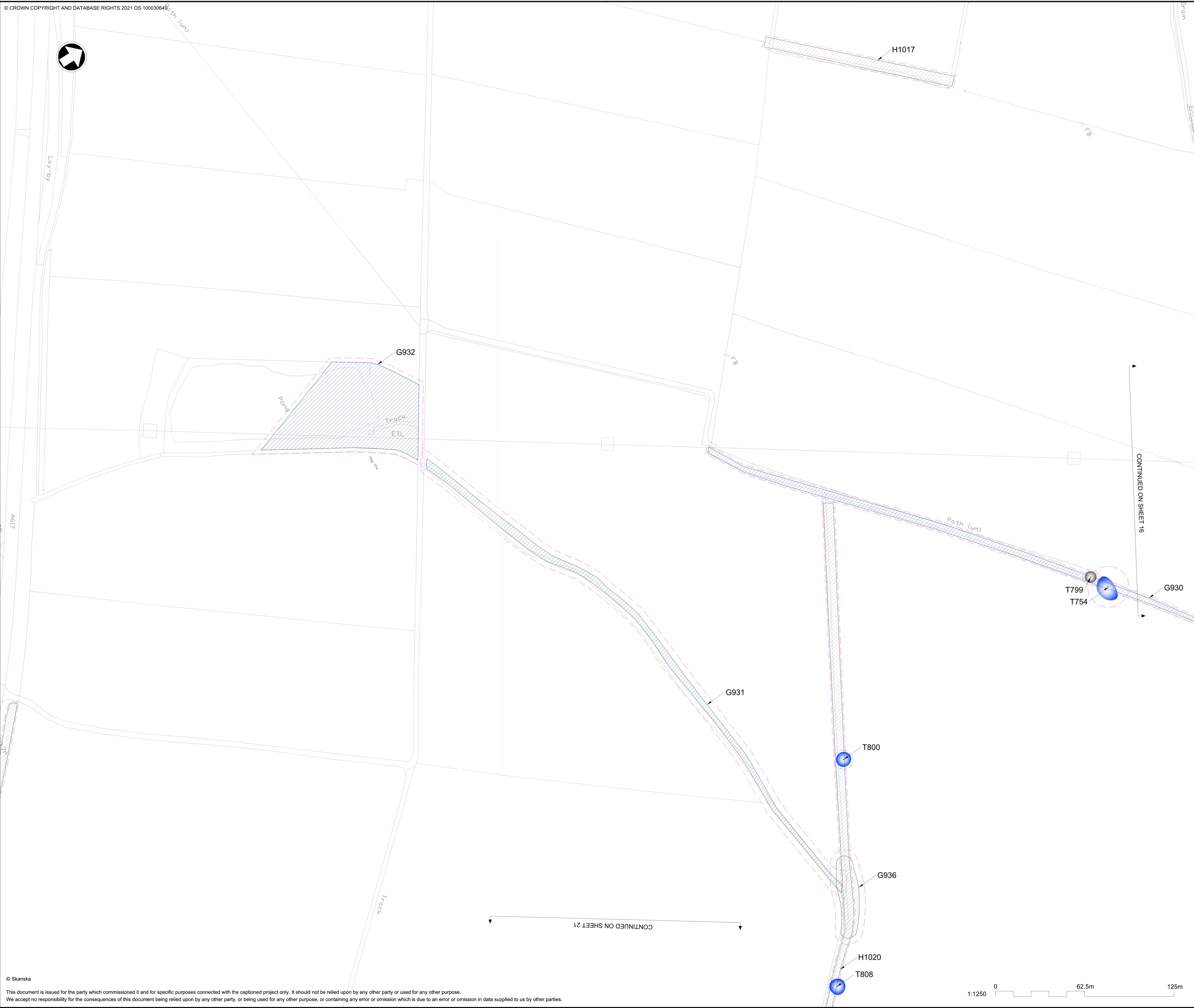
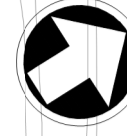
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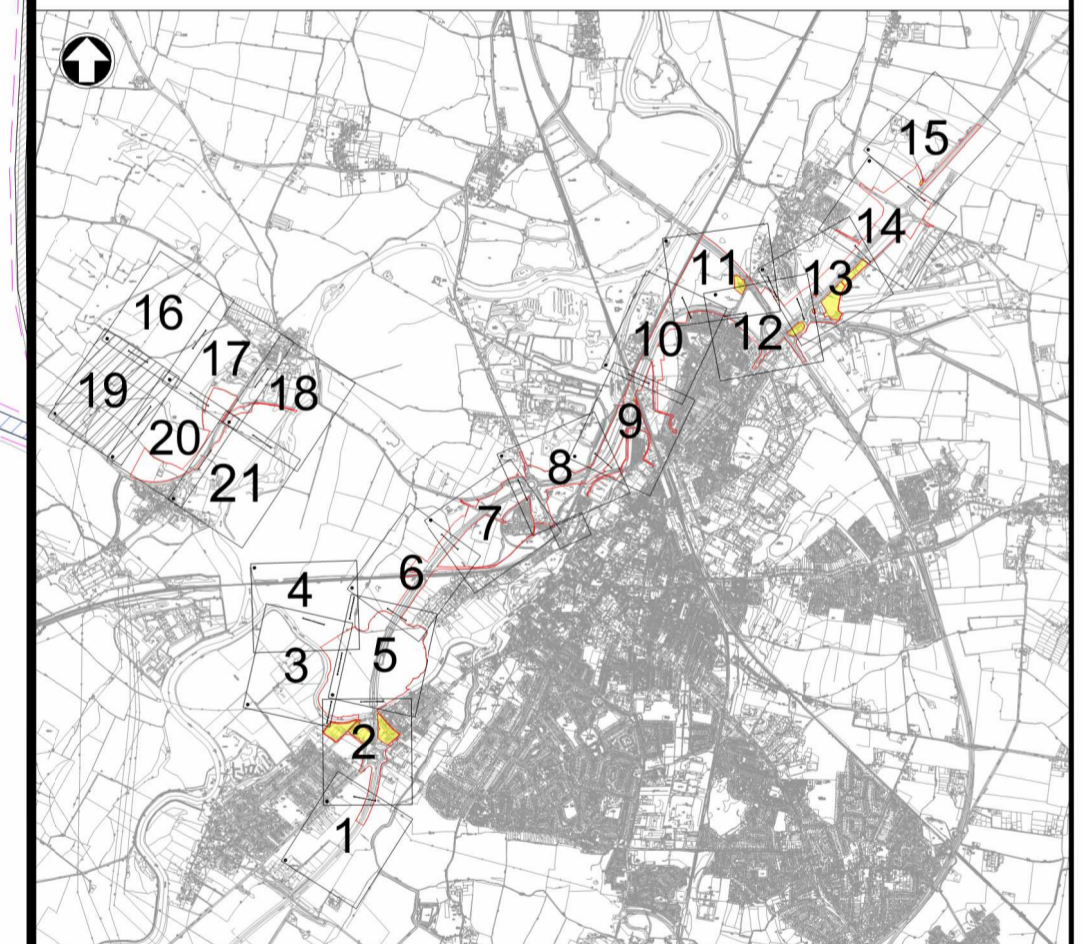
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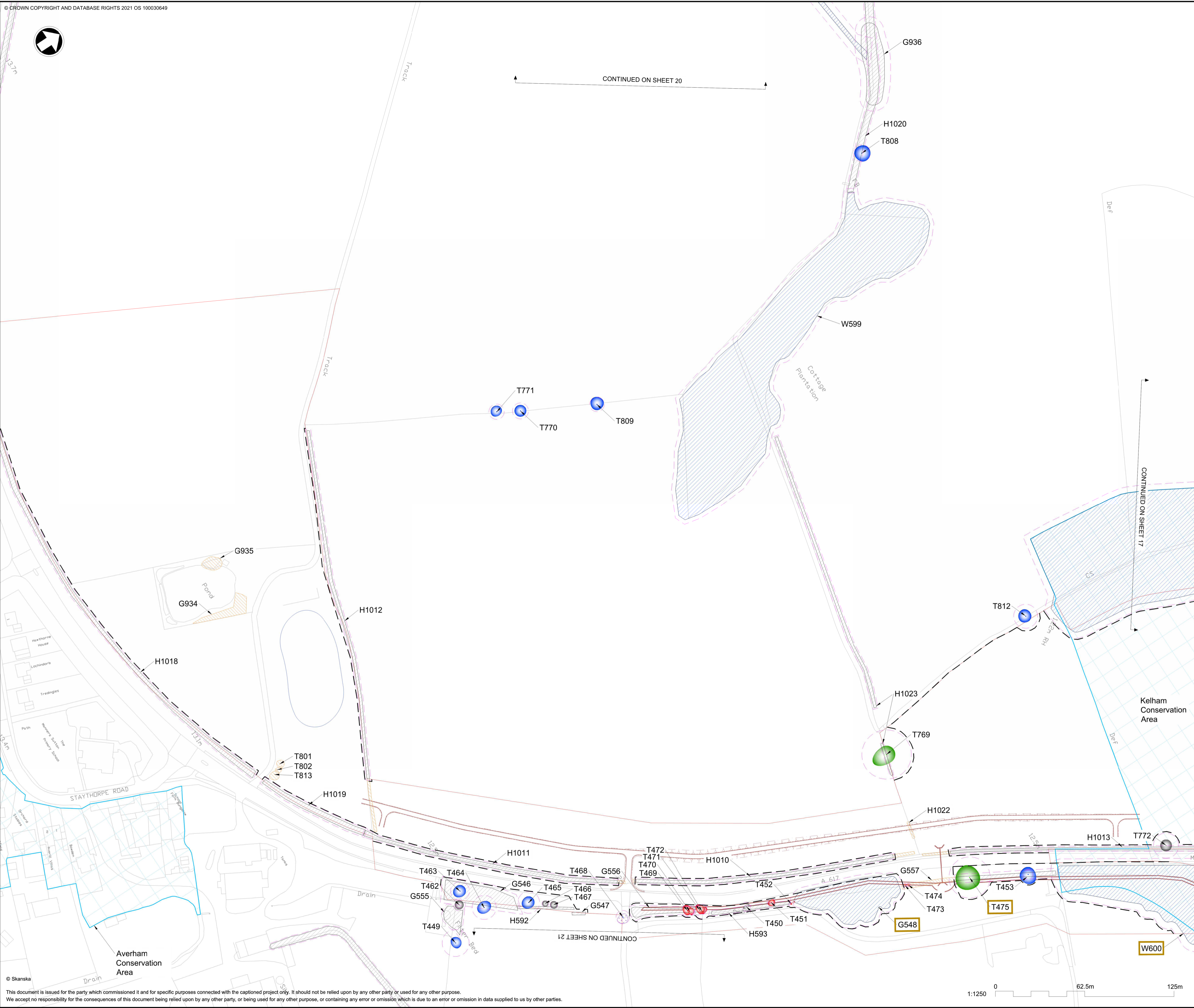
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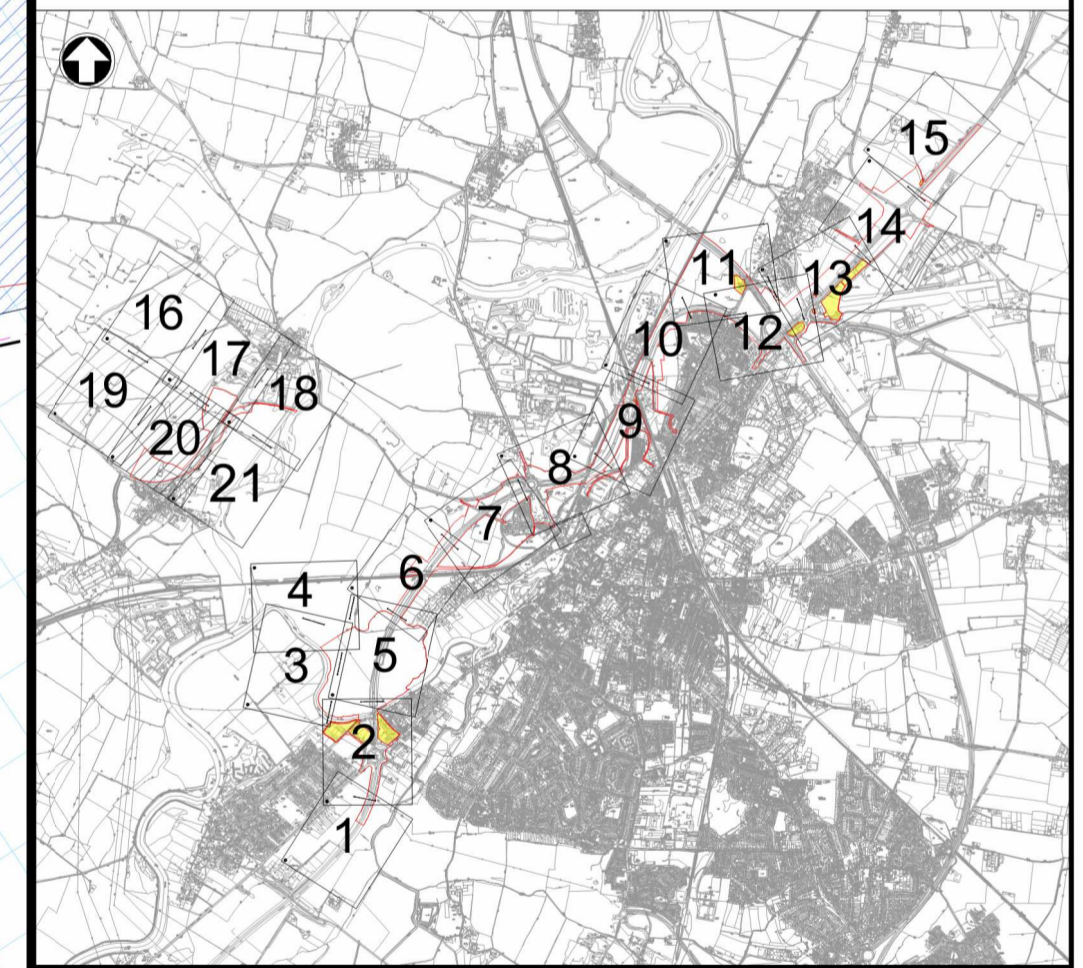
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Tree Protection Plan
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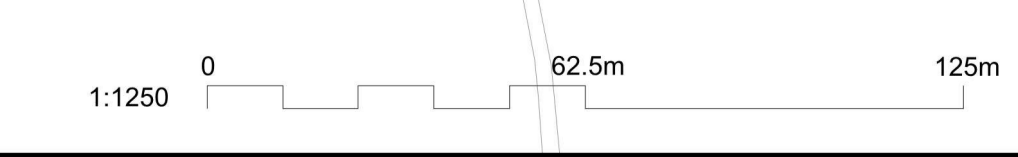
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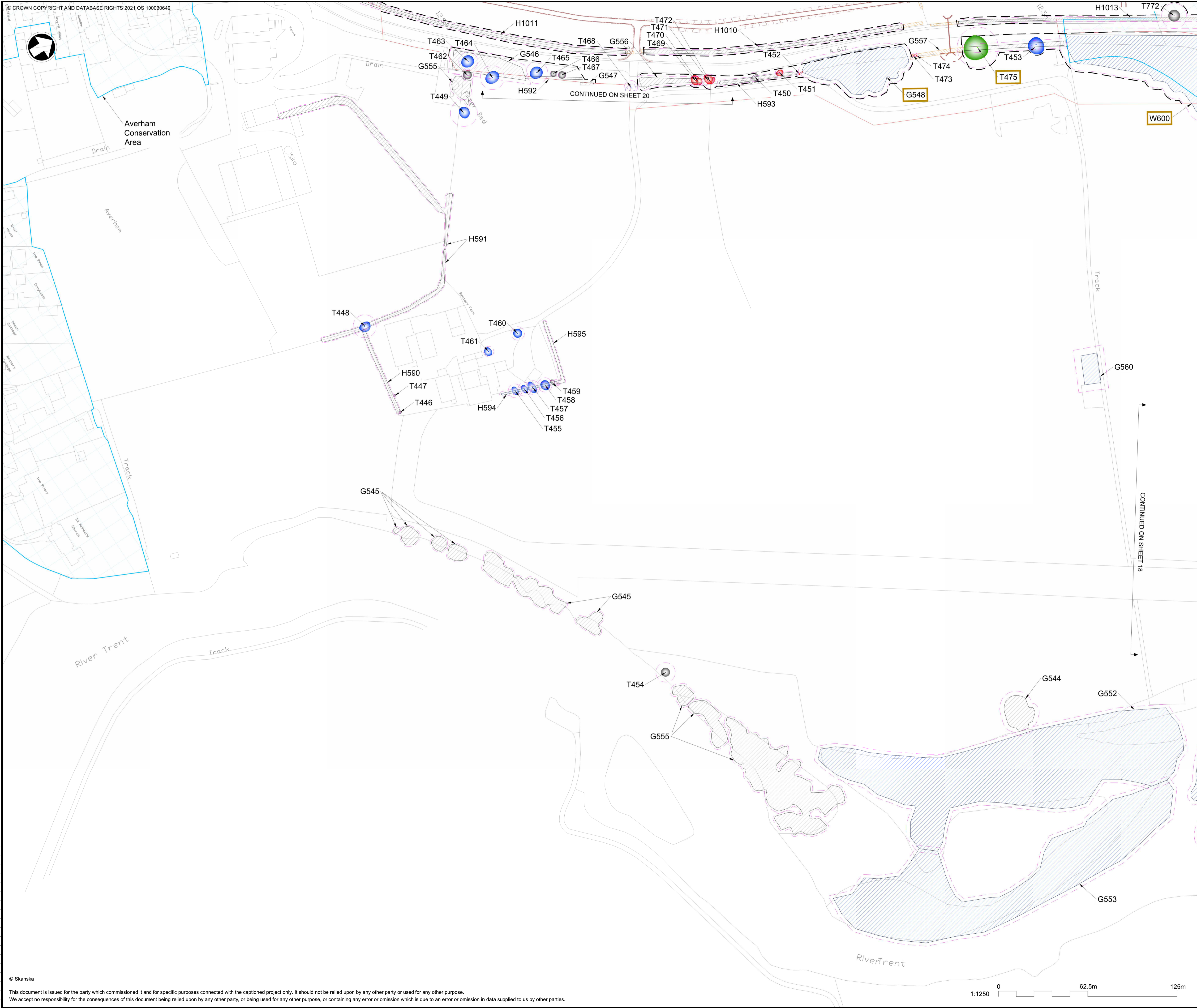
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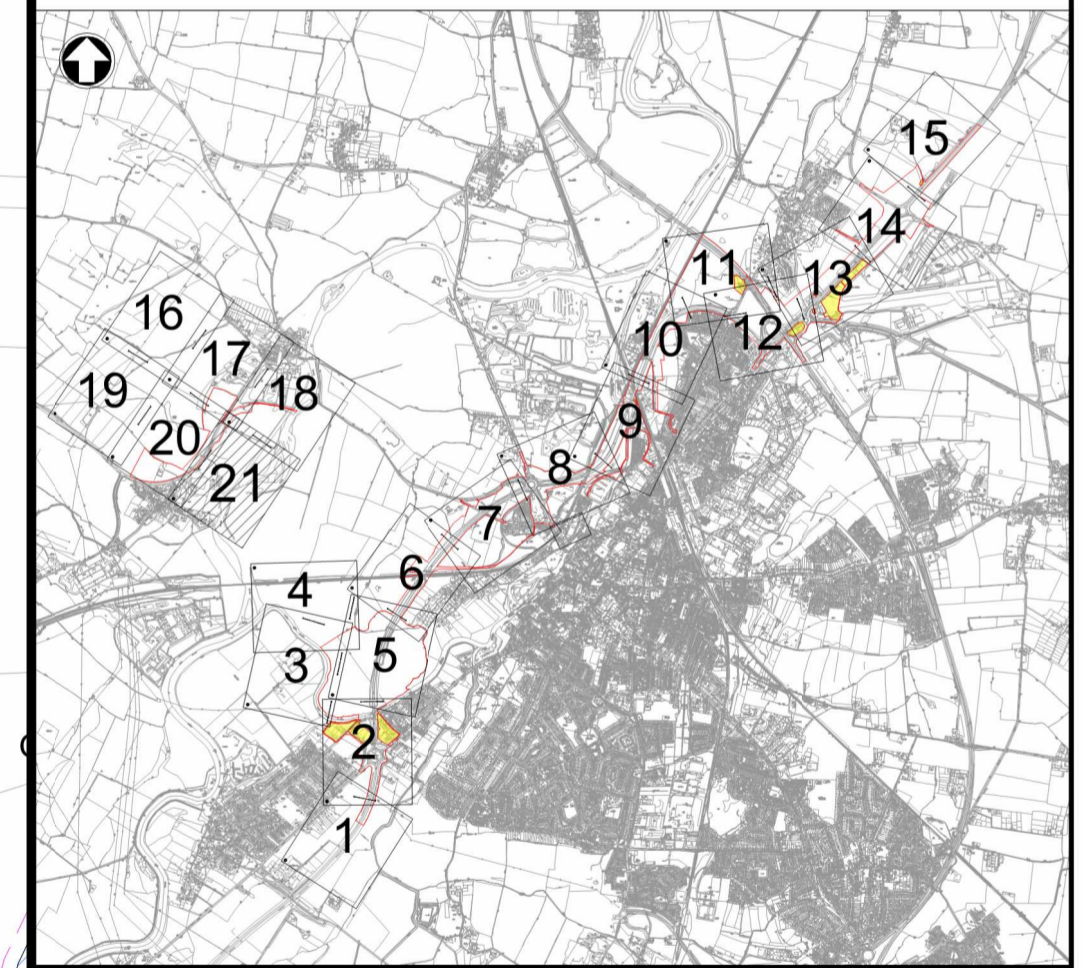
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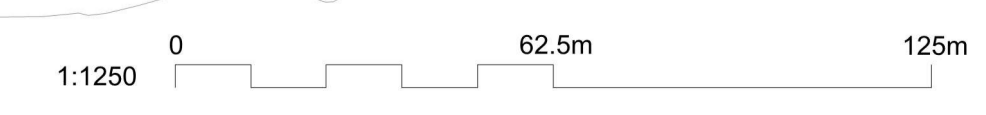
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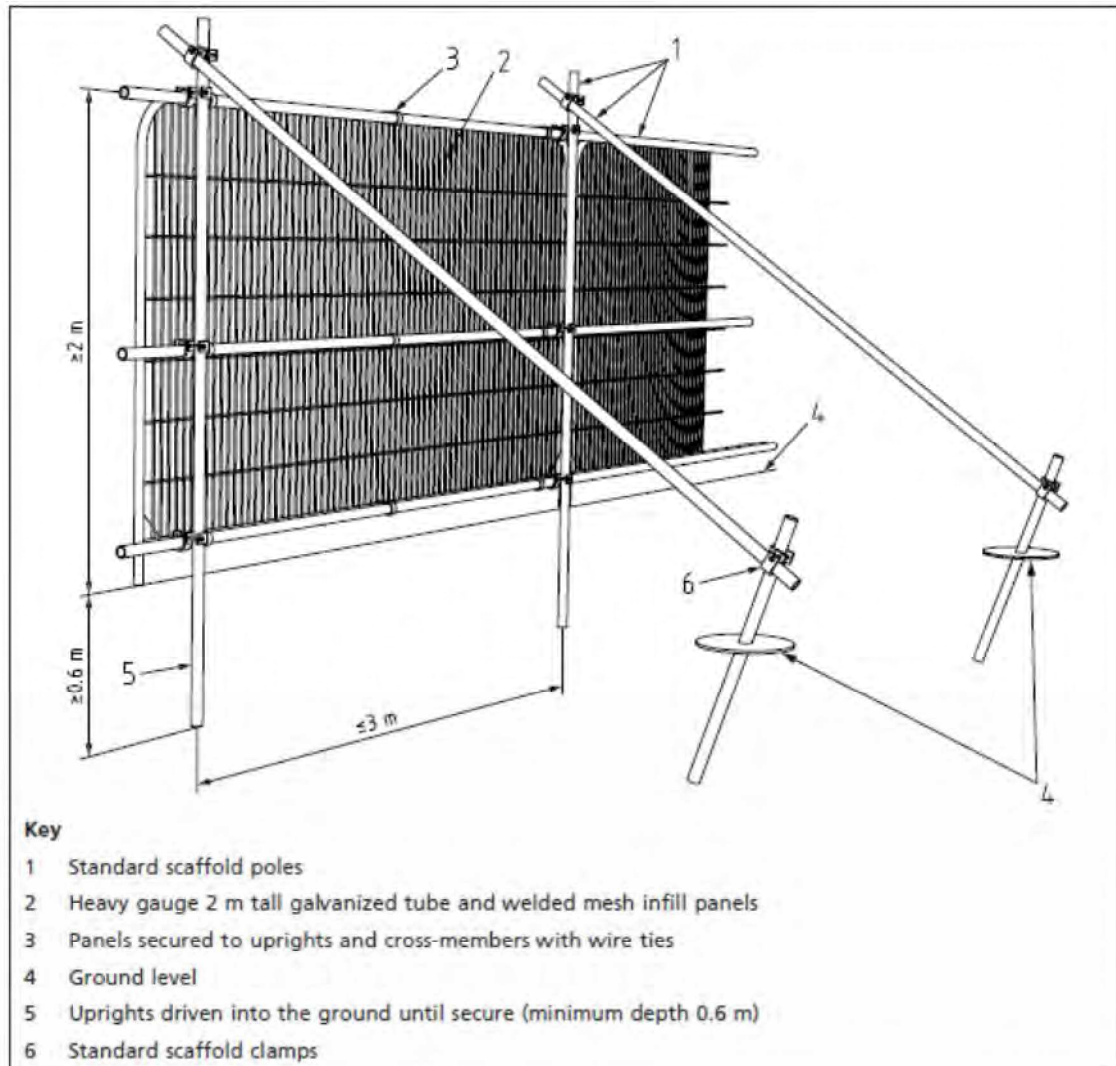
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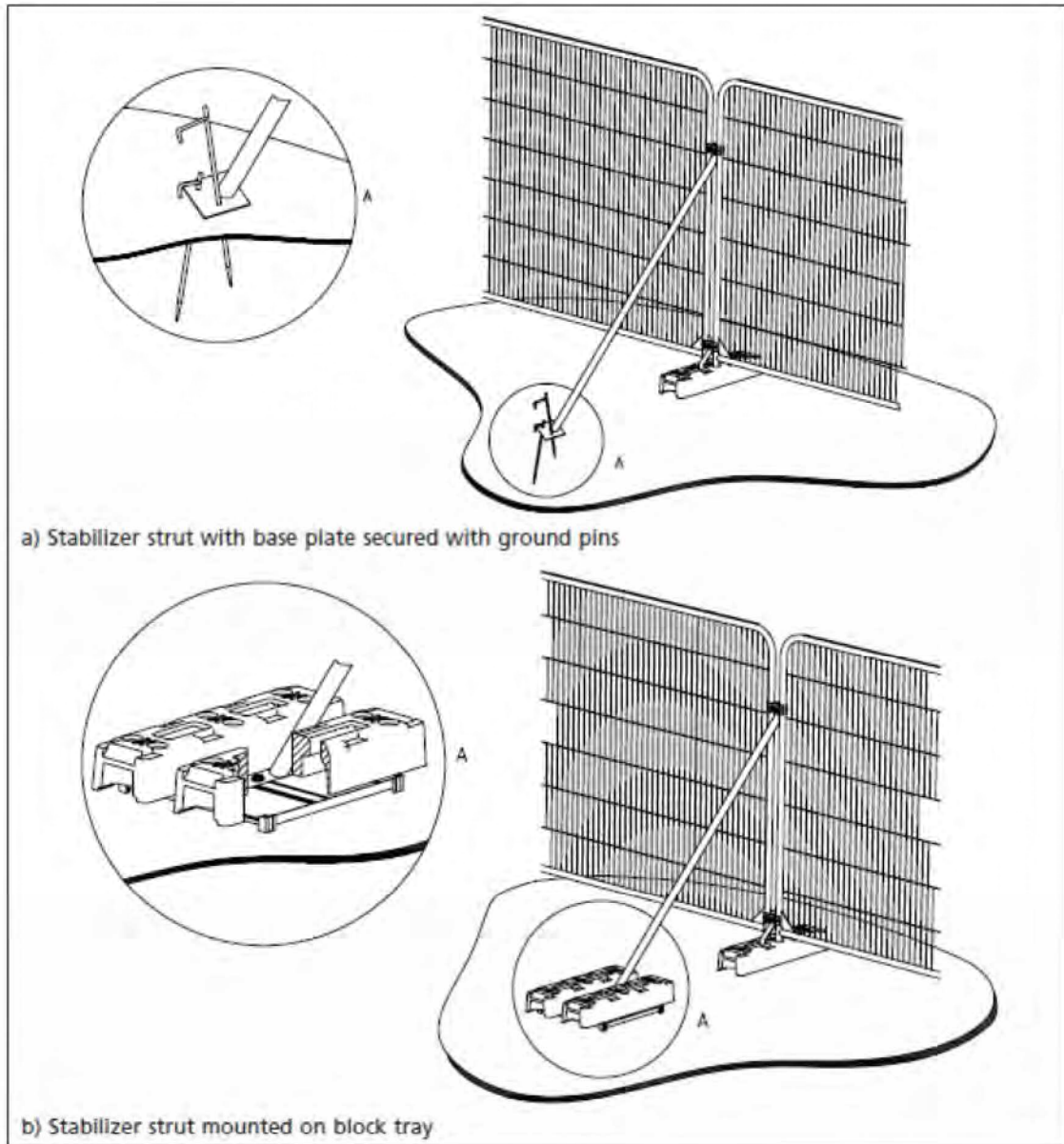
F. Appendix: Tree protection measures

F.1.0.1 Figures F-1, F-2, and F-3 provide an illustrated specification of the tree protection barriers and a written specification of the ground protection measures, as recommended in *BS 5837:2012*.

Appendix Figure F-1: Extract from BS5837:2012 Default specification for protection barrier



Appendix Figure F-2: Extract from BS5837:2012 Examples of ground stabilising systems



Appendix Figure F-3: Extract from BS5837:2012 Ground protection during demolition and construction

6.2.3.2 Where the set-back of the tree protection barrier would expose unmade ground to construction damage, new temporary ground protection should be installed as part of the implementation of physical tree protection measures prior to work starting on site.

6.2.3.3 New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

NOTE The ground protection might comprise one of the following:

- a) *for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile membrane;*
- b) *for pedestrian-operated plant up to a gross weight of 2 t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane;*
- c) *for wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.*

6.2.3.4 The locations of and design for temporary ground protection should be shown on the tree protection plan and detailed within the arboricultural method statement (see 6.1).

6.2.3.5 In all cases, the objective should be to avoid compaction of the soil, which can arise from the single passage of a heavy vehicle, especially in wet conditions, so that tree root functions remain unimpaired.