

A428 Black Cat to Caxton Gibbet improvements

TR010044

Volume 6

6.3 Environmental Statement

Appendix 7.5: Updated Arboricultural Impact Assessment Report -
Part 2

Regulation 5(2)(a)

Planning Act 2008

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

October 2021

Infrastructure Planning

Planning Act 2008

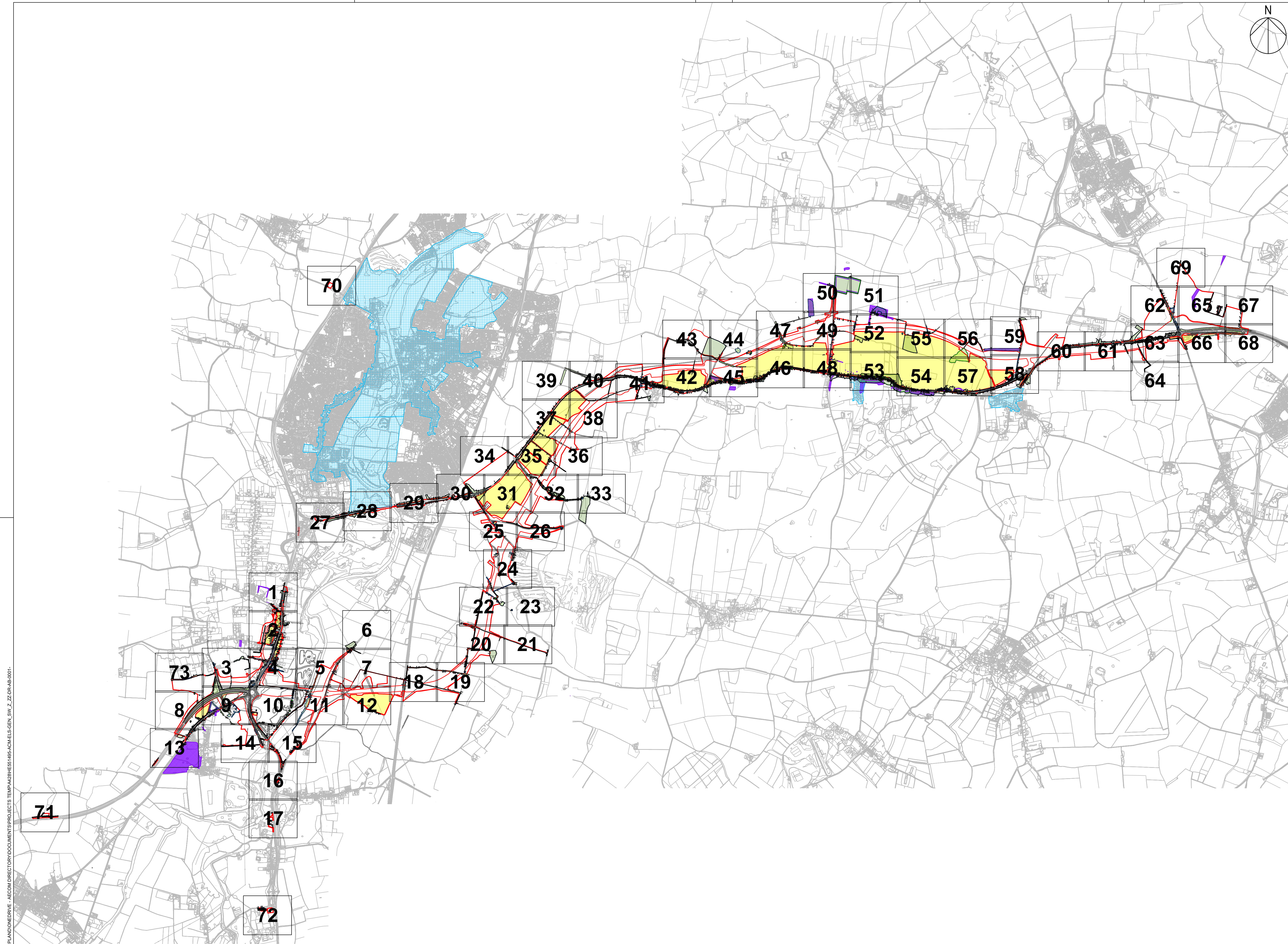
**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**A428 Black Cat to Caxton Gibbet
improvements
Development Consent Order 202[]**

**Appendix 7.5: Updated Arboricultural Impact
Assessment Report - Part 2**

Regulation Reference:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010044
Application Document Reference	TR010044/APP/6.3
Author	A428 Black Cat to Caxton Gibbet improvements Project Team, National Highways

Version	Date	Status of Version
Rev 1	26 February 2021	DCO Application
Rev 2	5 October 2021	Deadline 3



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DCO SUBMISSION	AW	28-05-21	P02
First Issue	TF	27-11-20	P01
Revision Details	By	Date	Suffix
Purpose of issue	Check		

DCO APPLICATION	
Client	Working on behalf of
Highways England	highways england
Woodlands	
Manton Lane	
Manton Industrial Estate	
Bedford	
MK41 7LW	
Project Title	

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

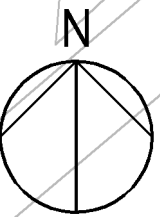
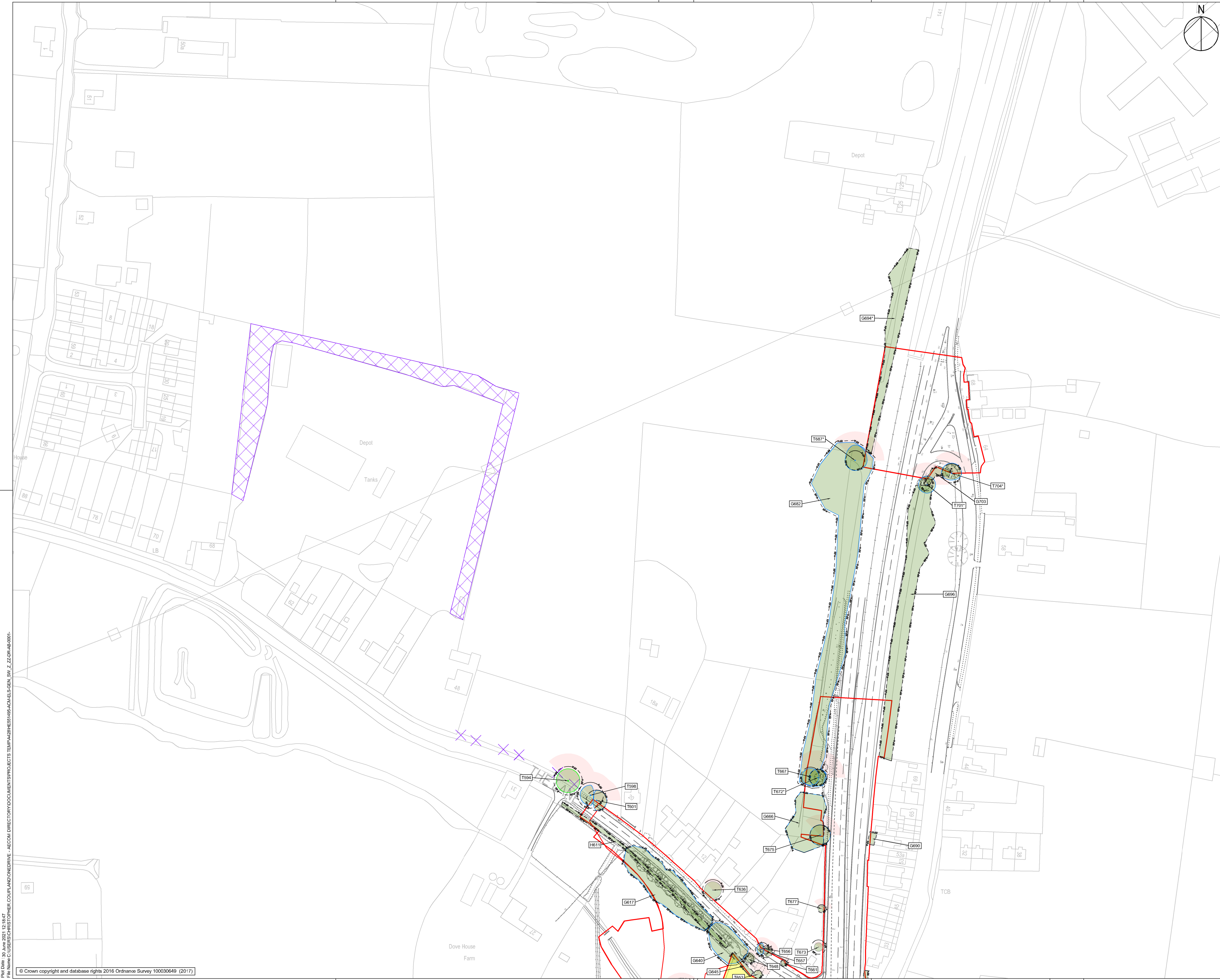
TREE CONSTRAINTS PLAN OVERVIEW

Designed	Drawn	Checked	Approved	Date
TF	CC	TF	AW	28.05.2021
Internal Project No.	Suitability			
60541541	D7			
Scale @ A1	Zone			
---	General			

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Drawing Number	1 Originator	1 Volume	Rev
HE551495 -ACM	-ELS	-	P02
GEN_SW_Z_ZZ	-DR	-AB-0001	
Location	1 Type	1 Role	1 Number



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CONSTRUCTION

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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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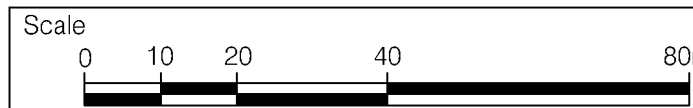
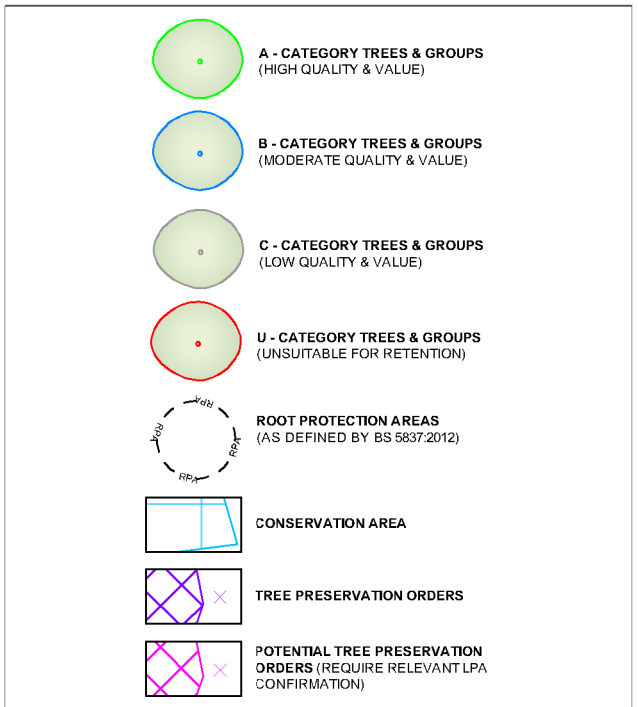
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KEY



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	Check		

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

**TREE CONSTRAINTS PLAN
SHEET 1 OF 73**

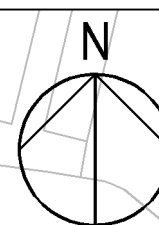
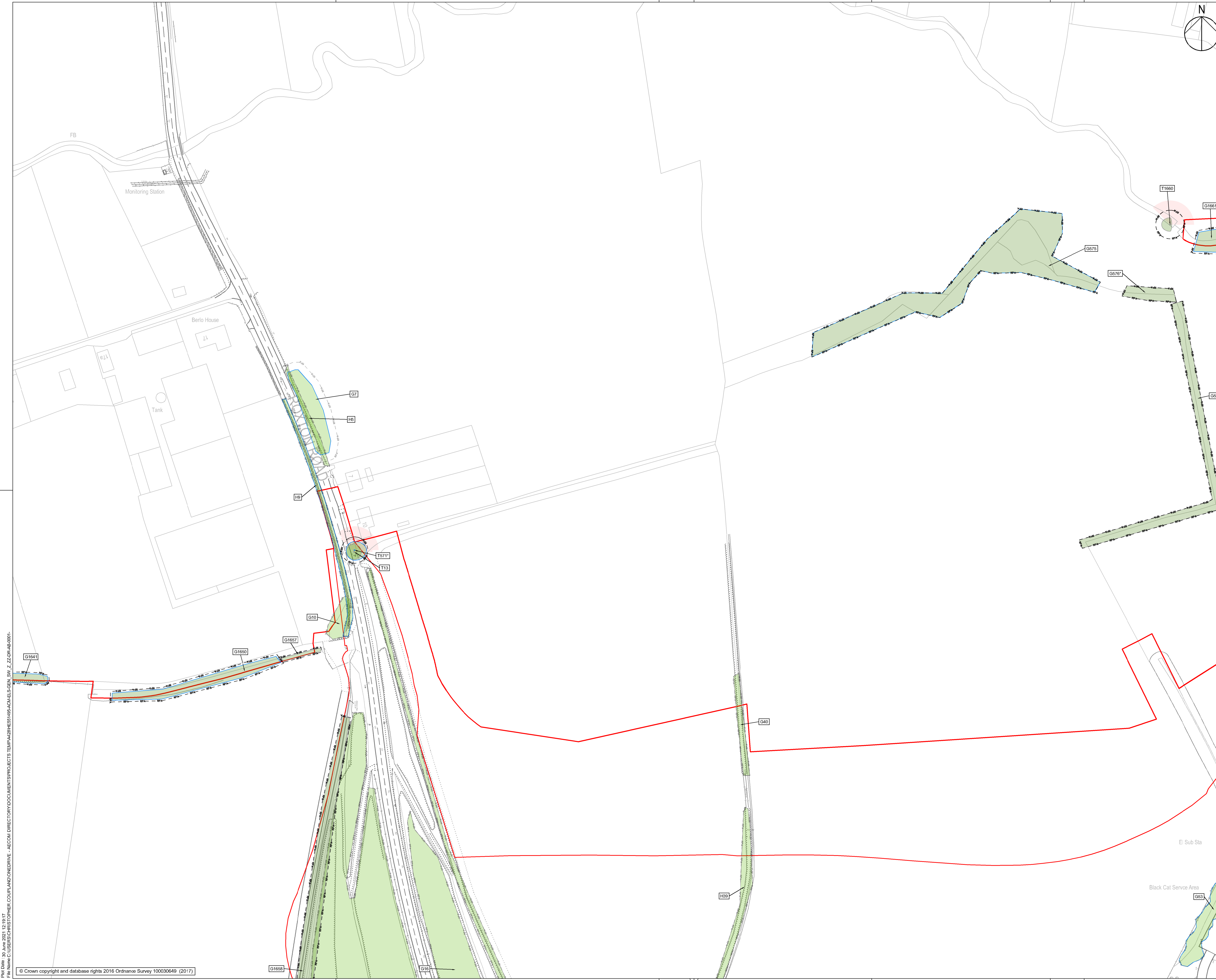
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Internal Project No. 60541541	Suitability D7	Zone General		
Scale @ A1 1:1000				

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Location	Type	Role	Number



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- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (RELEVANT TO PA CONFIRMATION)

Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	28-05-21	P02
	TF		
First Issue	AW	27-11-20	P01
	TF		
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 3 OF 73

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Interna Project No. 60541541			Suitability D7	
Scale @ A1 1:500			Zone General	

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Location	Type	Role	Number

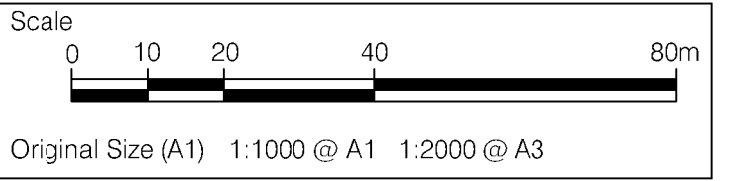
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

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TREE CONSTRAINTS PLAN SHEET 4 OF 73

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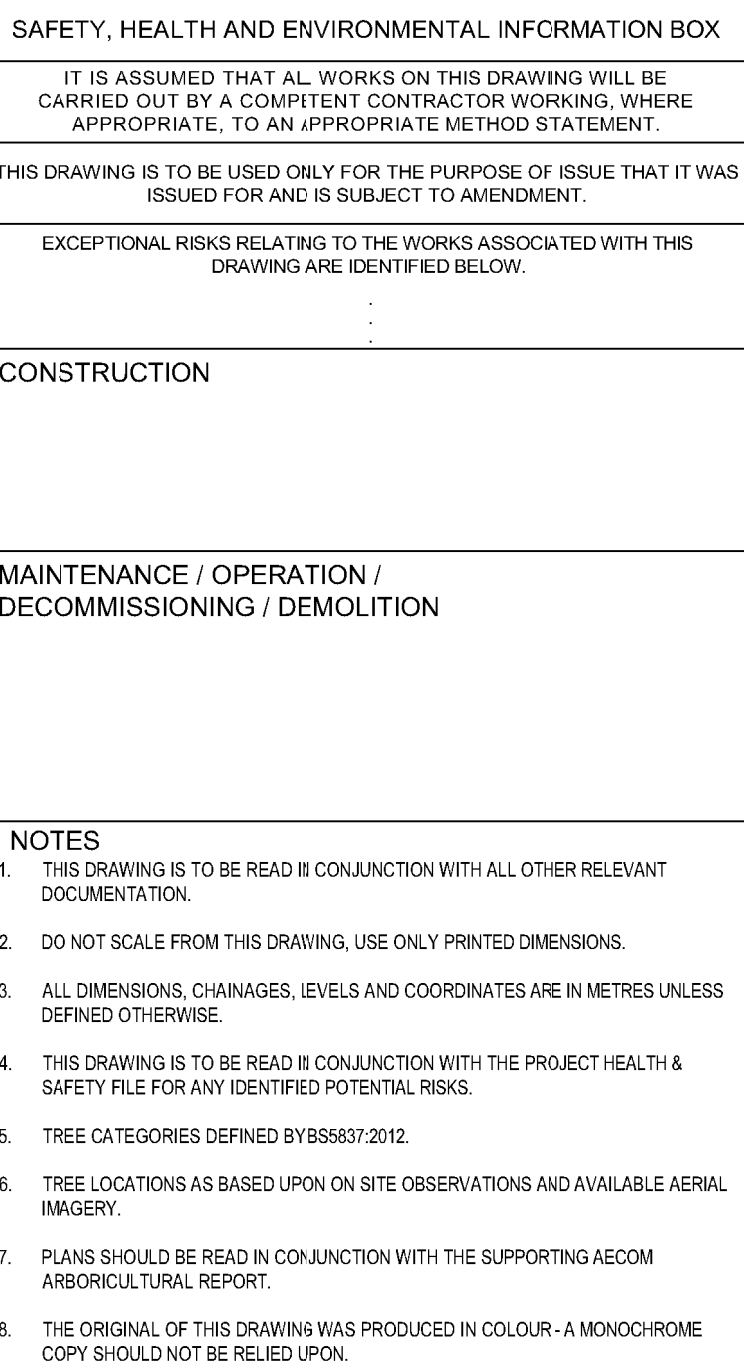
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TREE CONSTRAINTS PLAN
SHEET 5 OF 73

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Interneta Project No. 60541541			Suitability D7	
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Drawing Number			Rev
Highways England PIN	I Originator	I Volume	P02
HE551495	-ACM	-ELS -	
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Location	I Type	I Role	I Number



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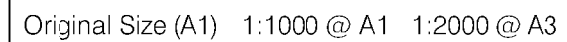
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(AS DEFINED BY BS 5637:2012)

CONSERVATION AREA

TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION ORDERS
(REQUIRE PRESERVATION APPLICATIONS FOR CONFIRMATION)



Purpose of issue

DCO APPLICATION

Working on behalf of



highway
england

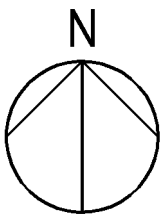
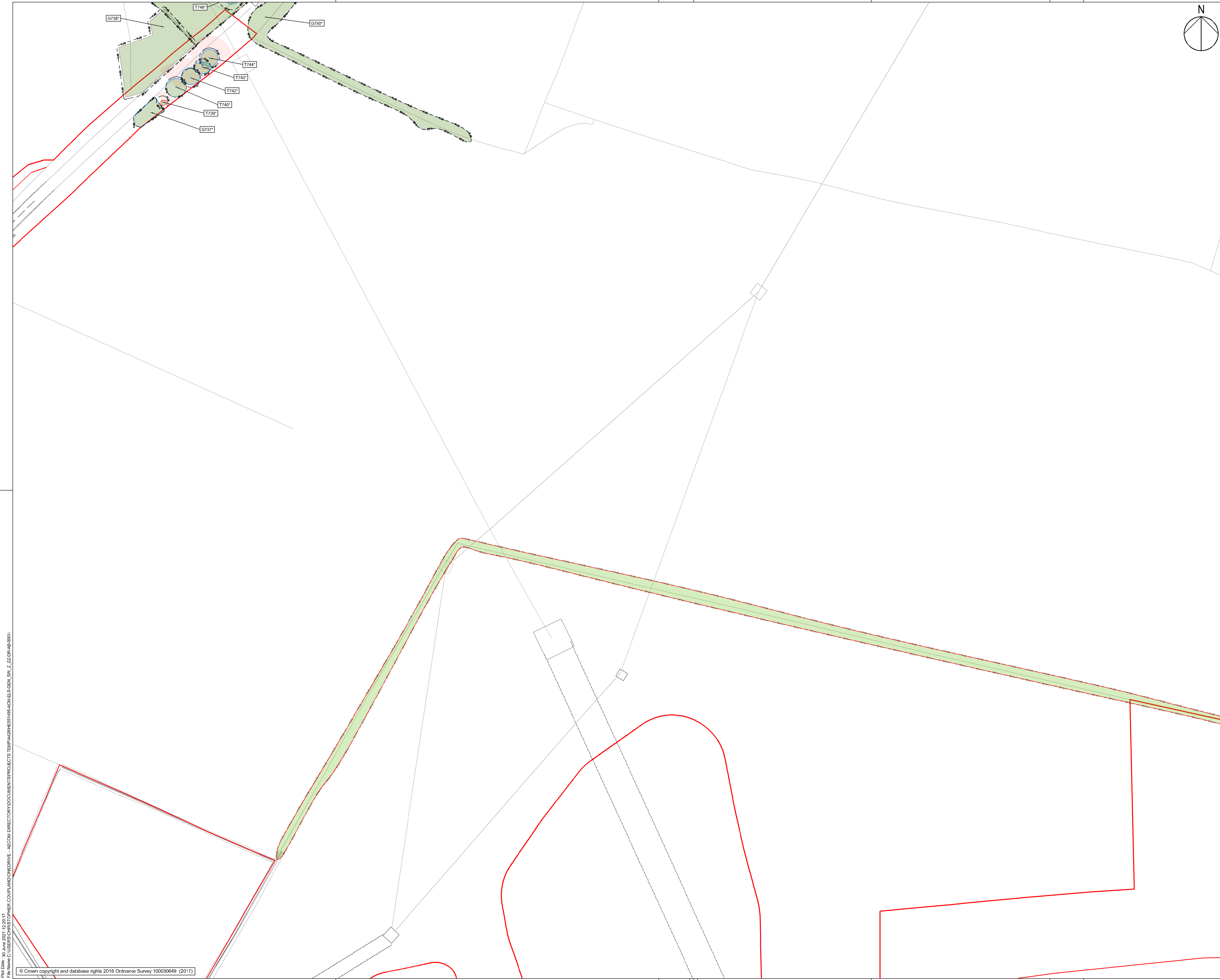
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TREE CONSTRAINTS PLAN
SHEET 6 OF 73

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Highways England PIN			I Originator		I Volume
HE551495			-ACM		-ELS
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Location			I Type		I Role I Number



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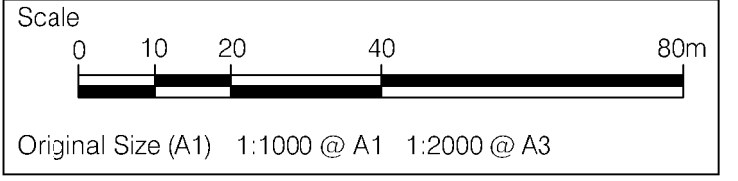
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TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION ORDERS
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Working on behalf of
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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN
SHEET 7 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 0541541			Suitability D7	
Scale @ A1 :500			Zone General	

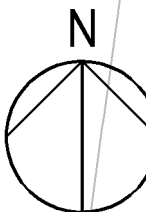
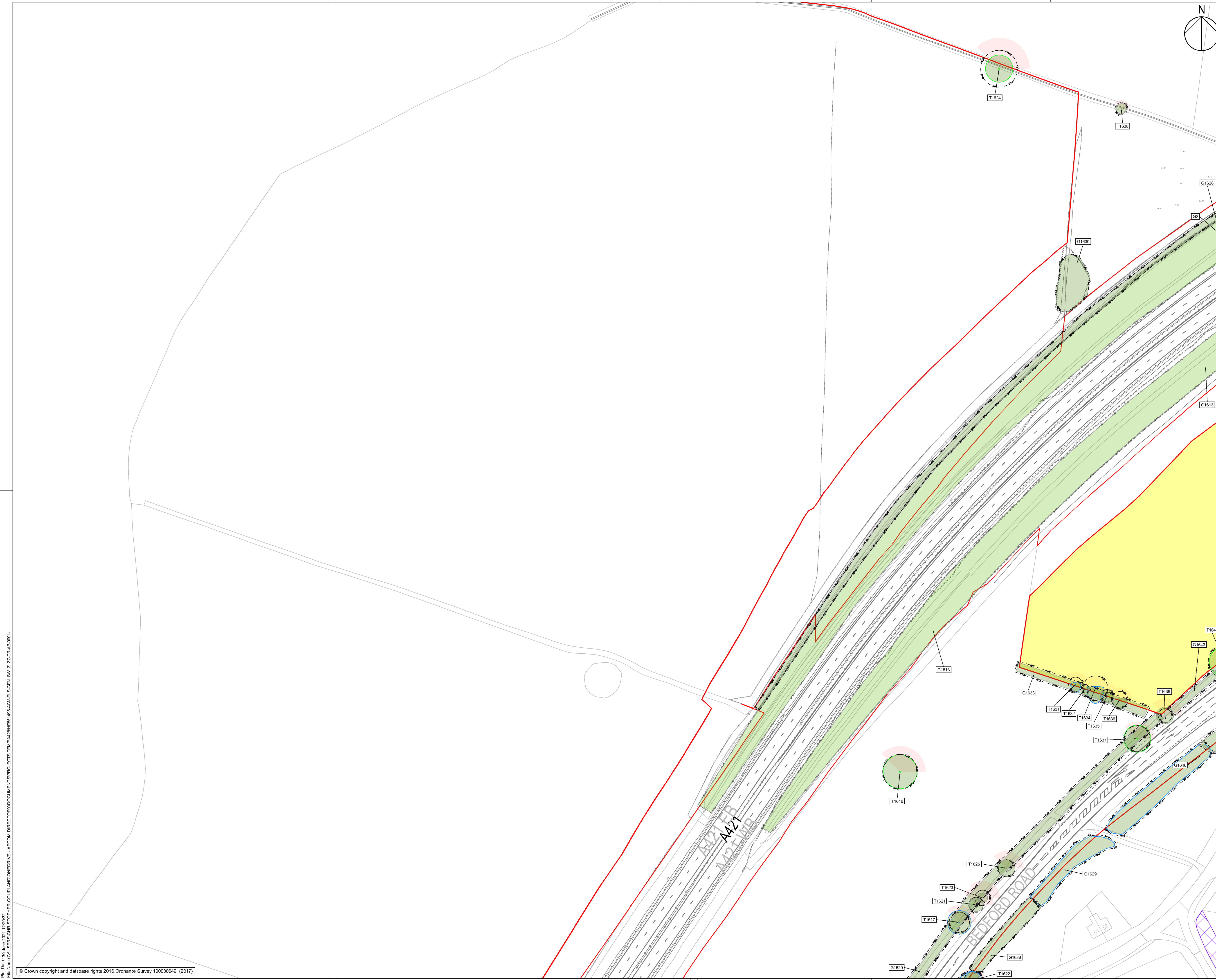
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
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Rev: 30 June 2021 12:07
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KEY

- A - CATEGORY TREES & GROUPS (HIGH QUALITY & VALUE)
- B - CATEGORY TREES & GROUPS (MODERATE QUALITY & VALUE)
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- ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)
- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (RELEVANT FOR CONFIRMATION)

Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	28-05-21	P02
First Issue	AW	27-11-20	P01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Working on behalf of
highways england

Drawing Title

TREE CONSTRAINTS PLAN SHEET 8 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541	Suitability D7			
Scale @ A1 1:500	Zone General			

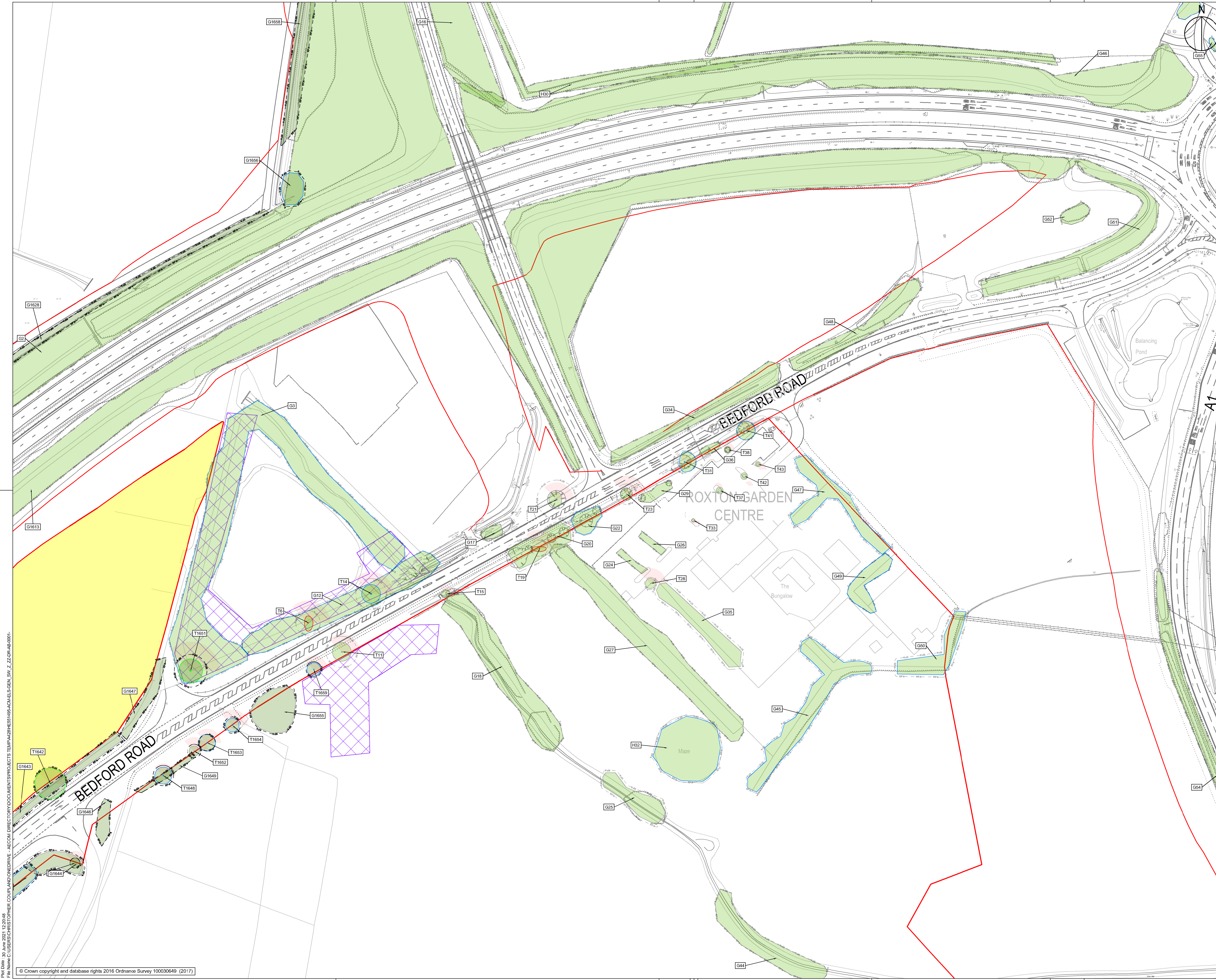
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
GEN_SW_Z_ZZ_DR_AB_0009			
Location	Type	Role	Number

Rev Date: 30 Jun 2021 12:20:32
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\HE551495-ACM\ELS-GEN_SW_Z_ZZ-DR-AB-0001-



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CONSTRUCTION

MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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U - CATEGORY TREES & GROUPS (UNSUITABLE FOR RETENTION)

ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)

CONSERVATION AREA

TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION ORDERS (RELEVANT TO THE PROPOSED DEVELOPMENT)

Scale

0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client: Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN
SHEET 9 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

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Drawing Number
Highways England PIN

HE551495

ACM

EL5

GEN_SW_Z_ZZ

DR

AB

0010

Location

Type

Role

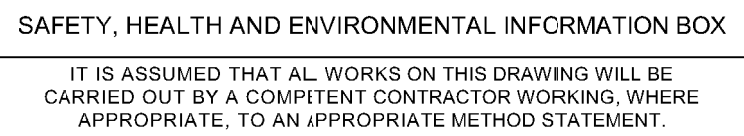
Number

Rev

P02

Plot Date: 30 Jun 2021 12:20:48
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\ME51495-ACM\EL5\GEN_SW_Z_ZZ\DR-AB-0010

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The diagram illustrates the five categories of trees and groups based on quality and value, and the root protection areas for retention. It is organized into two main sections: a vertical column of five circles on the left and a corresponding list of categories on the right, followed by a section on root protection areas at the bottom.

Categories of Trees and Groups:

- A - CATEGORY TREES & GROUPS (HIGH QUALITY & VALUE):** Represented by a green circle with a green dot in the center.
- B - CATEGORY TREES & GROUPS (MODERATE QUALITY & VALUE):** Represented by a blue circle with a blue dot in the center.
- C - CATEGORY TREES & GROUPS (LOW QUALITY & VALUE):** Represented by a light green circle with a green dot in the center.
- U - CATEGORY TREES & GROUPS (UNDESIRABLE FOR RETENTION):** Represented by a red circle with a red dot in the center.

ROOT PROTECTION AREAS (AS DEFINED BY §5 56/57,2012)

Below the categories, a circular diagram shows the "ROOT PROTECTION AREAS" defined by §5 56/57,2012. The circle is divided into four quadrants, each labeled with a number: 1 (top-left), 2 (top-right), 3 (bottom-right), and 4 (bottom-left). The areas are separated by dashed lines.

CONSERVATION AREA

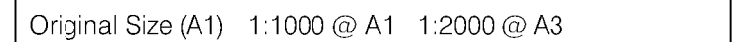
Below the root protection areas, a rectangular diagram shows the "CONSERVATION AREA". It is a rectangle with a blue border and a light blue fill.

TREE PRESERVATION ORDERS

Below the conservation area, a rectangular diagram shows "TREE PRESERVATION ORDERS". It is a rectangle with a blue border and a light blue fill, with a red 'X' drawn over it.

POTENTIAL TREE PRESERVATION ORDERS (REQUIRE RELEVANT AKA CONFIRMATION)

Below the tree preservation orders, a rectangular diagram shows "POTENTIAL TREE PRESERVATION ORDERS (REQUIRE RELEVANT AKA CONFIRMATION)". It is a rectangle with a blue border and a light blue fill, with a red 'X' drawn over it.



DCO APPLICATION

Working on behalf of



highways
england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN
 SHEET 10 OF 73

Interna Project No. 60541541	Suitability D7
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Scale @ A1
1:500

Zone
General

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Drawing Number

Highways England PIN	Originator	Volume
HE551495	-ACM	-ELS -

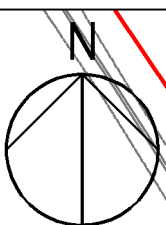
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Rev

P02

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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 11 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541			Suitability D7	
Scale @ A1 1:500			Zone General	

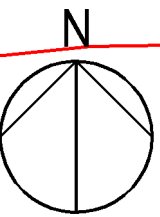
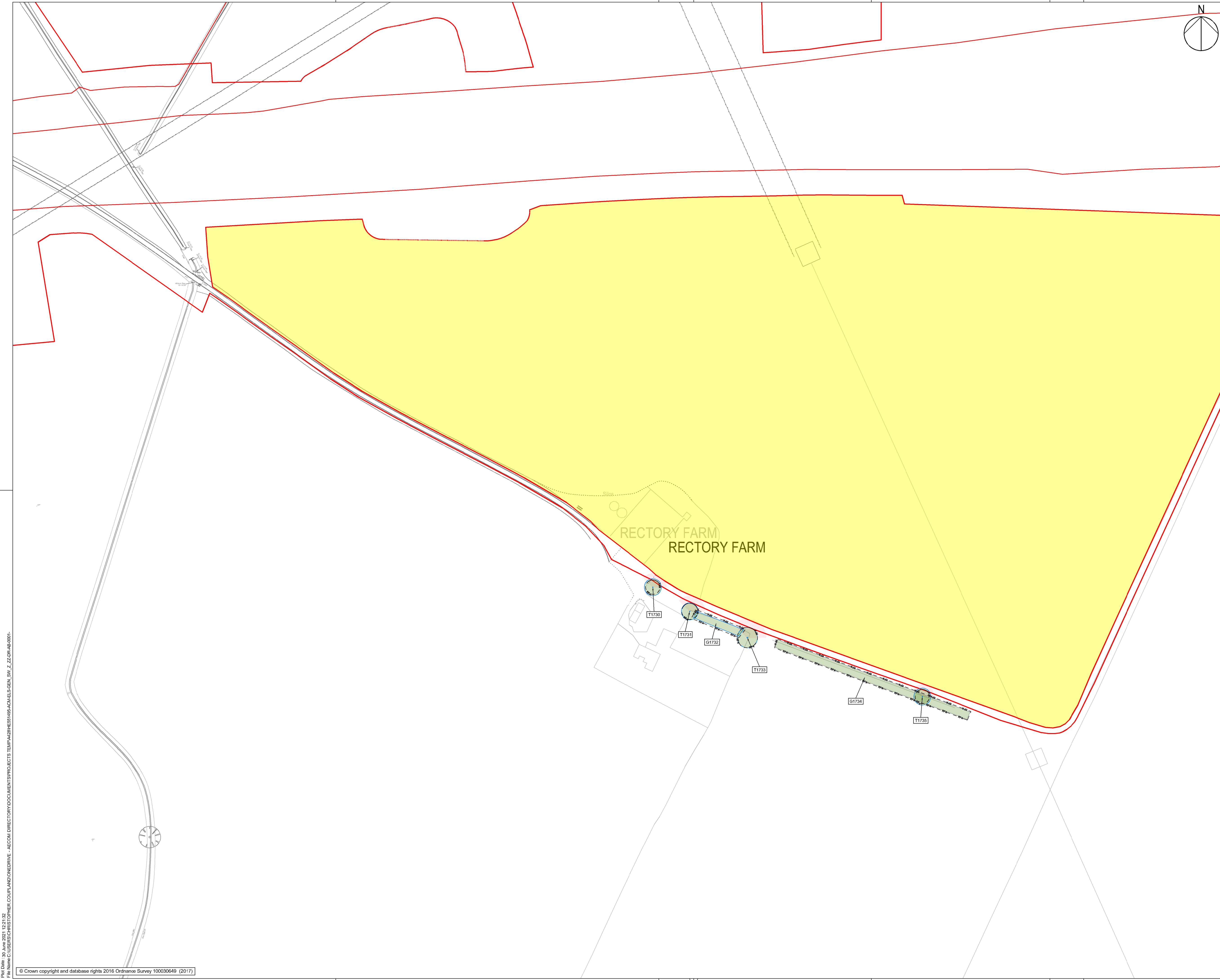
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Drawing Number HE551495	ACM	ELS	P02
SW_Z_ZZ	DR	AB	0012
Location	Type	Role	Number

Plt Date: 30 June 2021 12:21:17
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\HE551495-ACM-ELS-GEN_SW_Z_ZZ-DR-AB-0001-



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CONSTRUCTION

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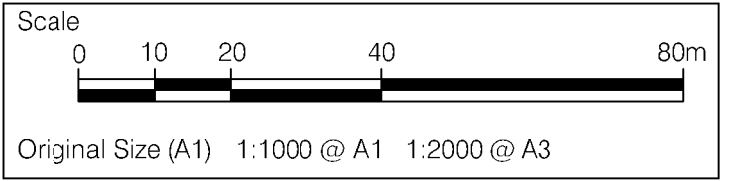
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- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (REQUIRE RELEVANT LPA CONFIRMATION)



DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 12 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541			Suitability D7	
Scale @ A1 :500			Zone General	

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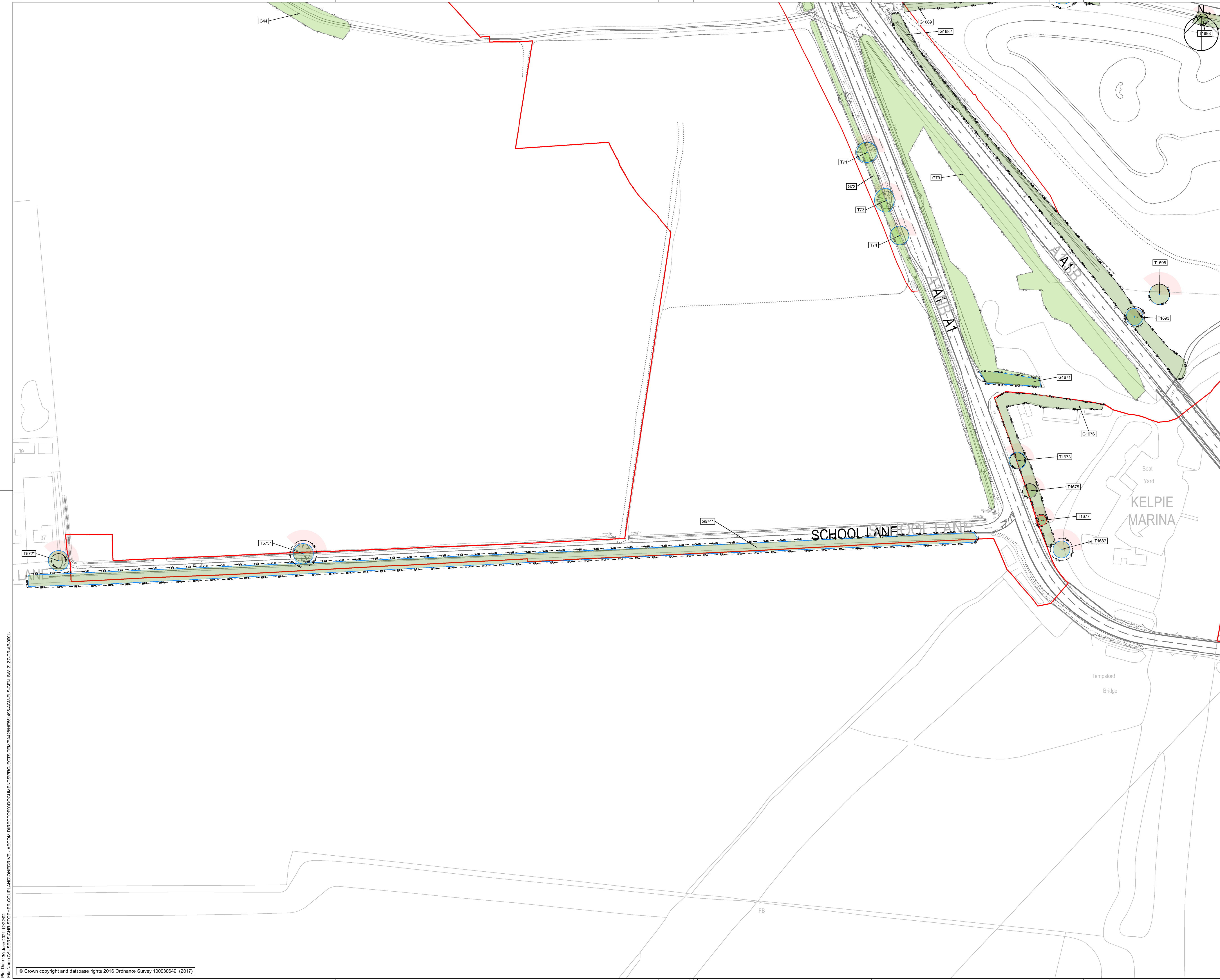
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Drawing Number HE551495	Highways England PIN ACM	Originator EL5	Volume -	Rev P02
Location GEN_SW_Z_ZZ	Type DR	Role AB	Number 0013	

Rev: 30 Jun 2021 12:21:02
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\MEH\A428\A428\GEN_SW_Z_ZZ\DR-AB-0001-



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ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)

CONSERVATION AREA

TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION ORDERS (RELEVANT FOR CONFIRMATION)

Scale

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Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	28-05-21	P02
First Issue	TF		
	AW	27-11-20	P01
	TF		
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
 highways england

Drawing Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN SHEET 14 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541		Suitability D7		
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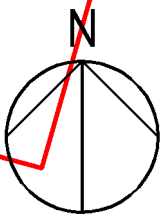
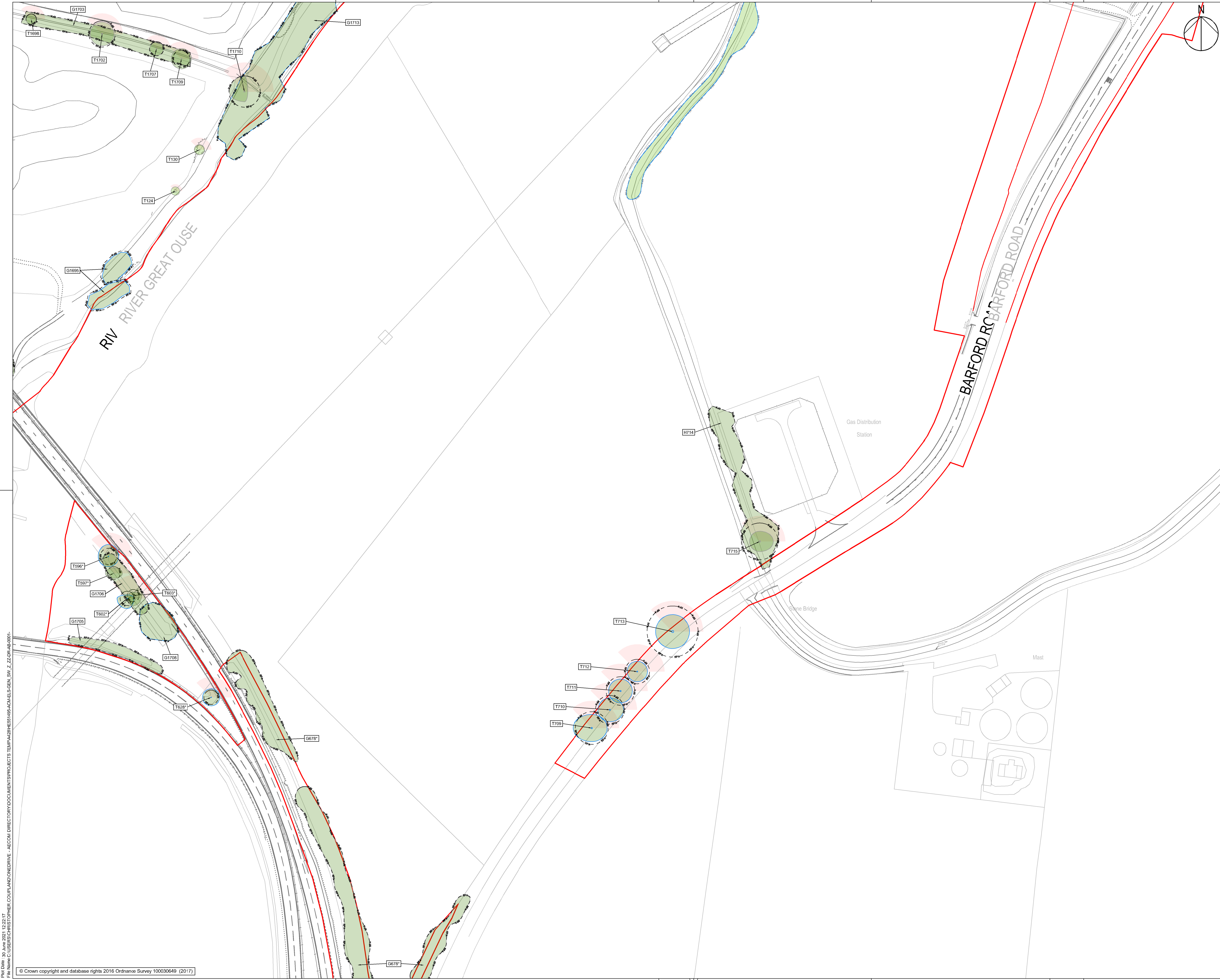
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Drawing Number HE551495	ACM	ELS	P02
GEN_SW_Z_ZZ-DR-AB-0015			
Location	Type	Role	Number

PLU Date: 30 Jun 2021 12:22:02
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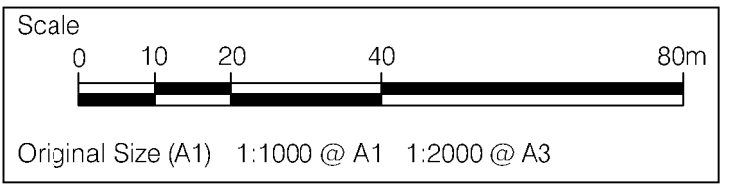
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DCO SUBMISSION	AW	28-05-21	P02
	TF		
First Issue	AW	27-11-20	P01
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DCO APPLICATION

Client:
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highways england

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN SHEET 15 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541			Suitability D7	
Scale @ A1 :500			Zone General	

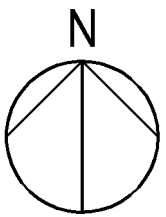
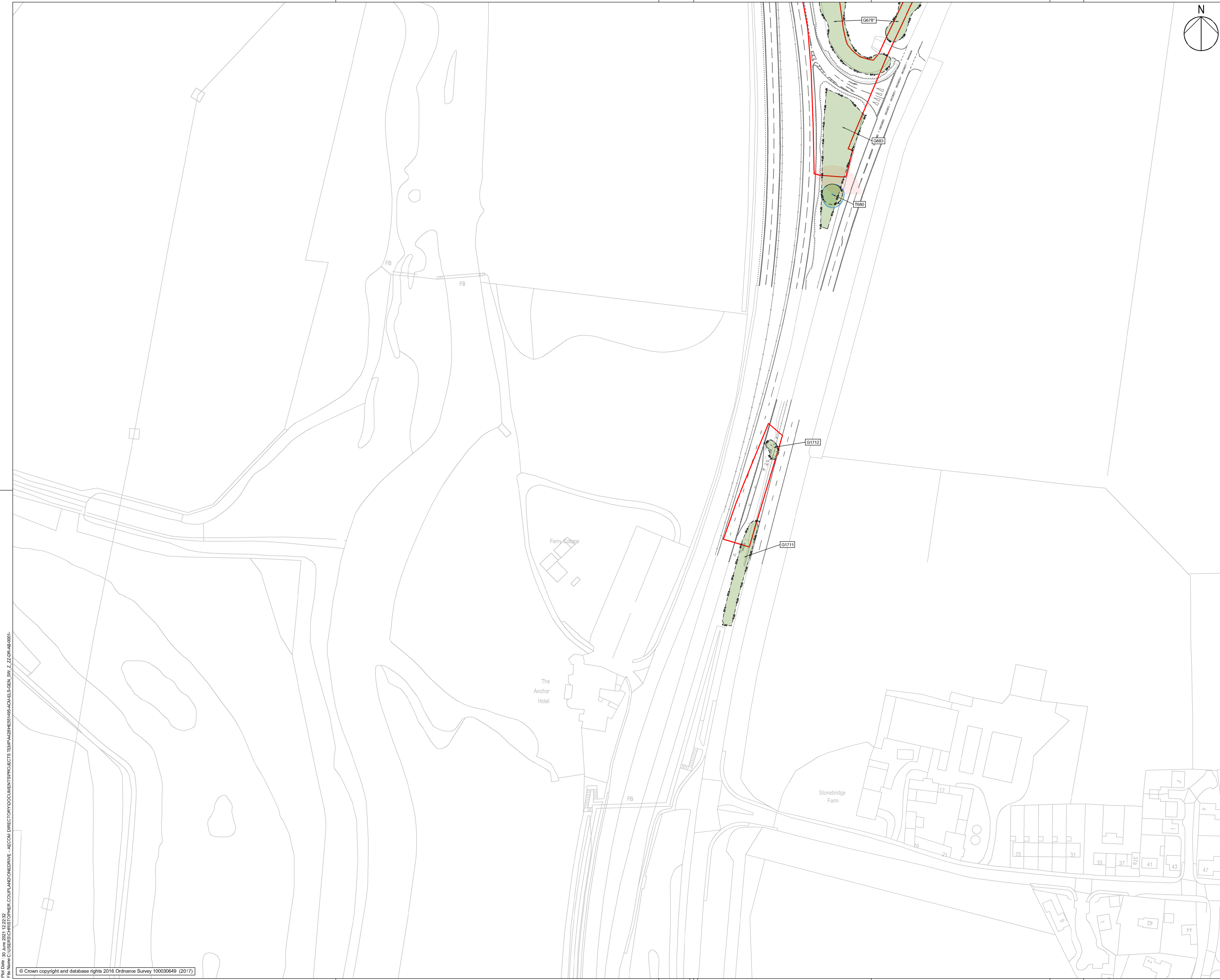
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Registered office: Midpoint, Alencon Link,
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Drawing Number HE551495	Originator ACM	Volume ELS	Rev P02
Location GEN_SW_Z_ZZ	Type DR	Role AB	Number 0016

Rev: 30 Jun 2021 12:27
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\HE551495\ACM\ELS\GEN_SW_Z_ZZ\DR-AB-0016



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CONSTRUCTION	
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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION	

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KEY

A - CATEGORY TREES & GROUPS
(HIGH QUALITY & VALUE)

B - CATEGORY TREES & GROUPS
(MODERATE QUALITY & VALUE)

C - CATEGORY TREES & GROUPS
(LOW QUALITY & VALUE)

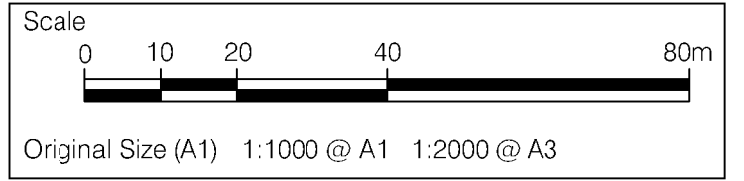
U - CATEGORY TREES & GROUPS
(UNSUITABLE FOR RETENTION)

ROOT PROTECTION AREAS
(AS DEFINED BY BS 5837:2012)

CONSERVATION AREA

TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION
ORDERS (POTENTIAL PRESERVATION
CONFIRMATION)



DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of

highways
england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 16 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interneta Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

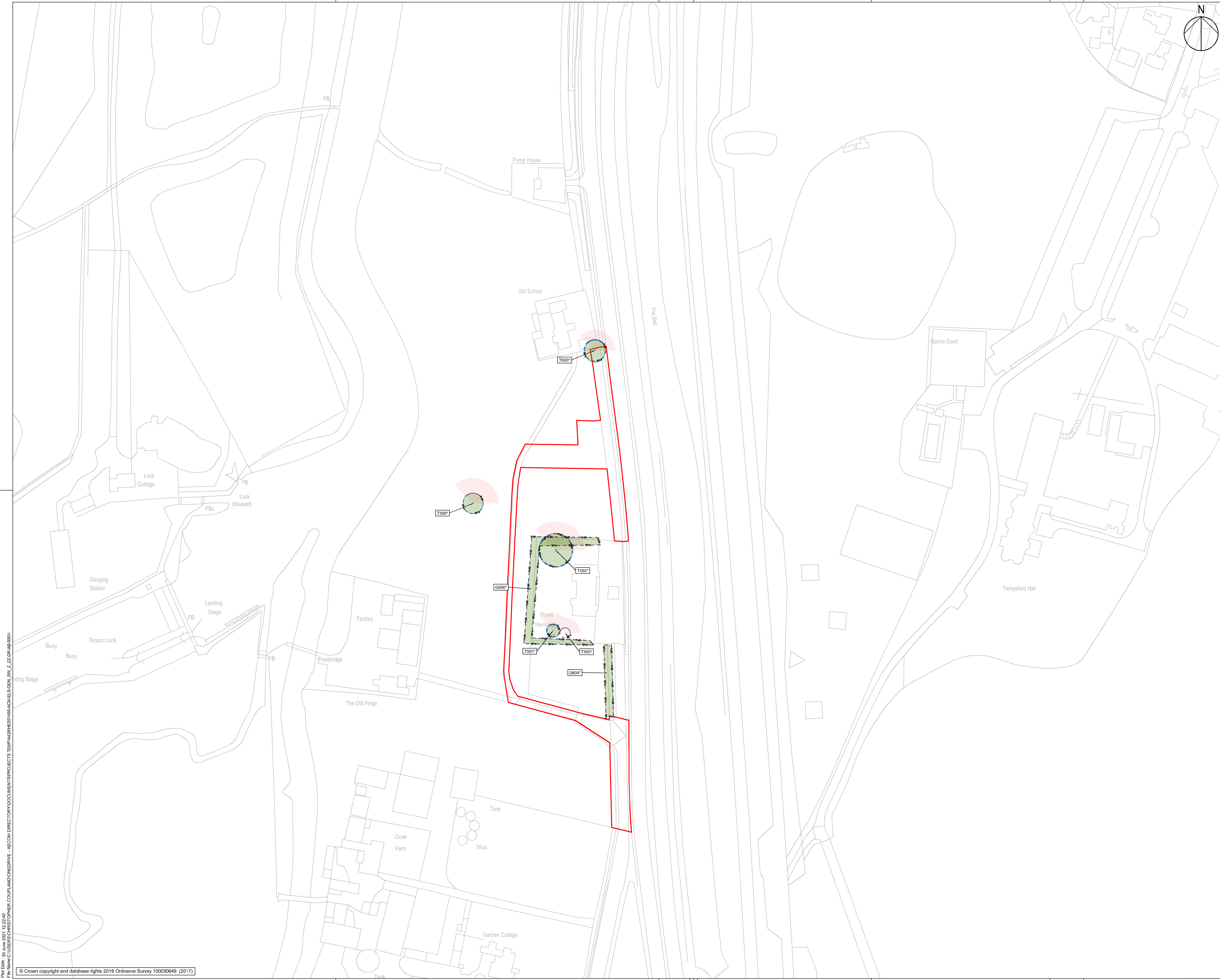
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
GEN_SW_Z_ZZ_DR_AB_0017			
Location	Type	Role	Number

Plot Date: 30 Jun 2021 12:23:29
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\HE551495-ACM-ELS-GEN_SW_Z_ZZ-DR-AB-0001-



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Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 17 OF 73

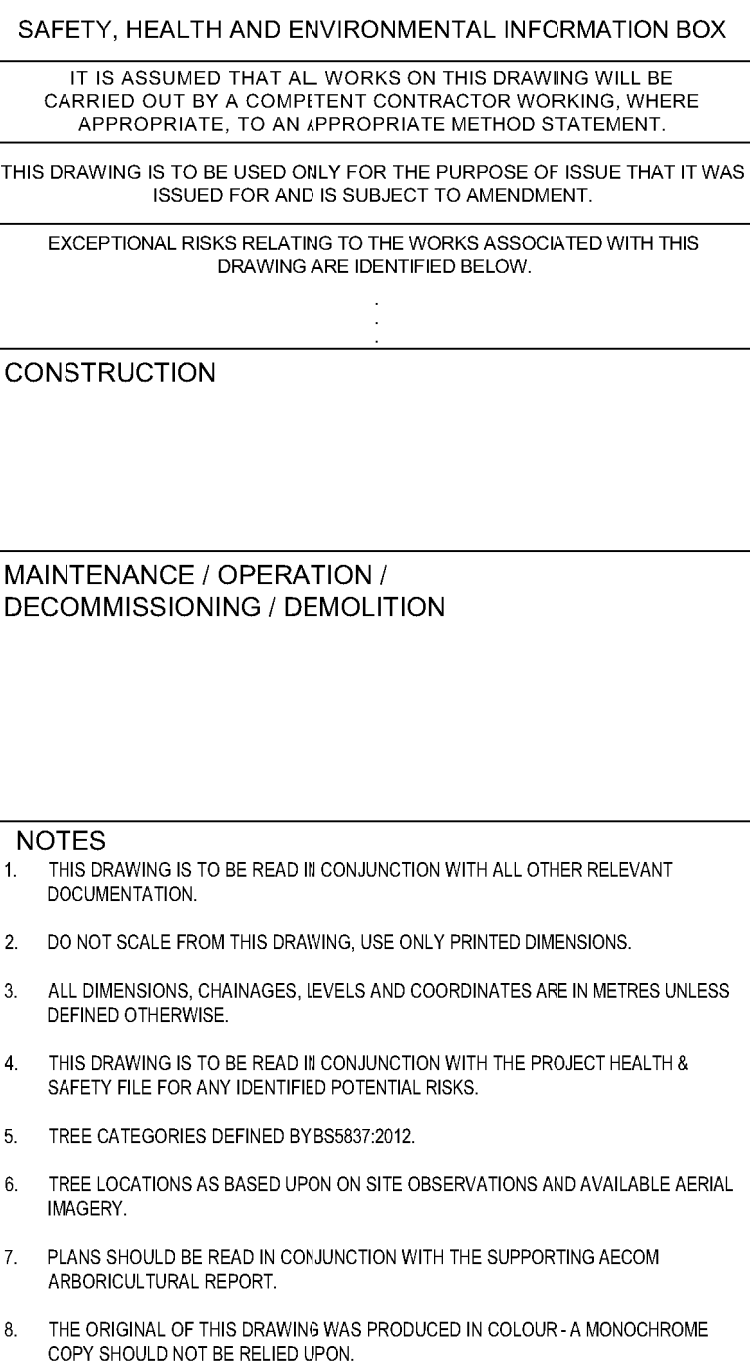
Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541	Suitability D7	Zone General	THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.	


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Drawing Number HE551495	Originator ACM	Volume ELS	Rev P02
Location GEN_SW_Z_ZZ	Type DR	Role AB	Number 0018

File Path: 30 June 2021 12:25:06
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\MEHS\456\ACM\EL\GEN_SW_Z_ZZ\DR-AB-0001-



- Scale
- 
- Original Size (A1) 1:1000 @ A1 1:2000 @ A3

Purpose of issue

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of



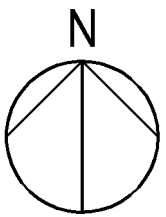
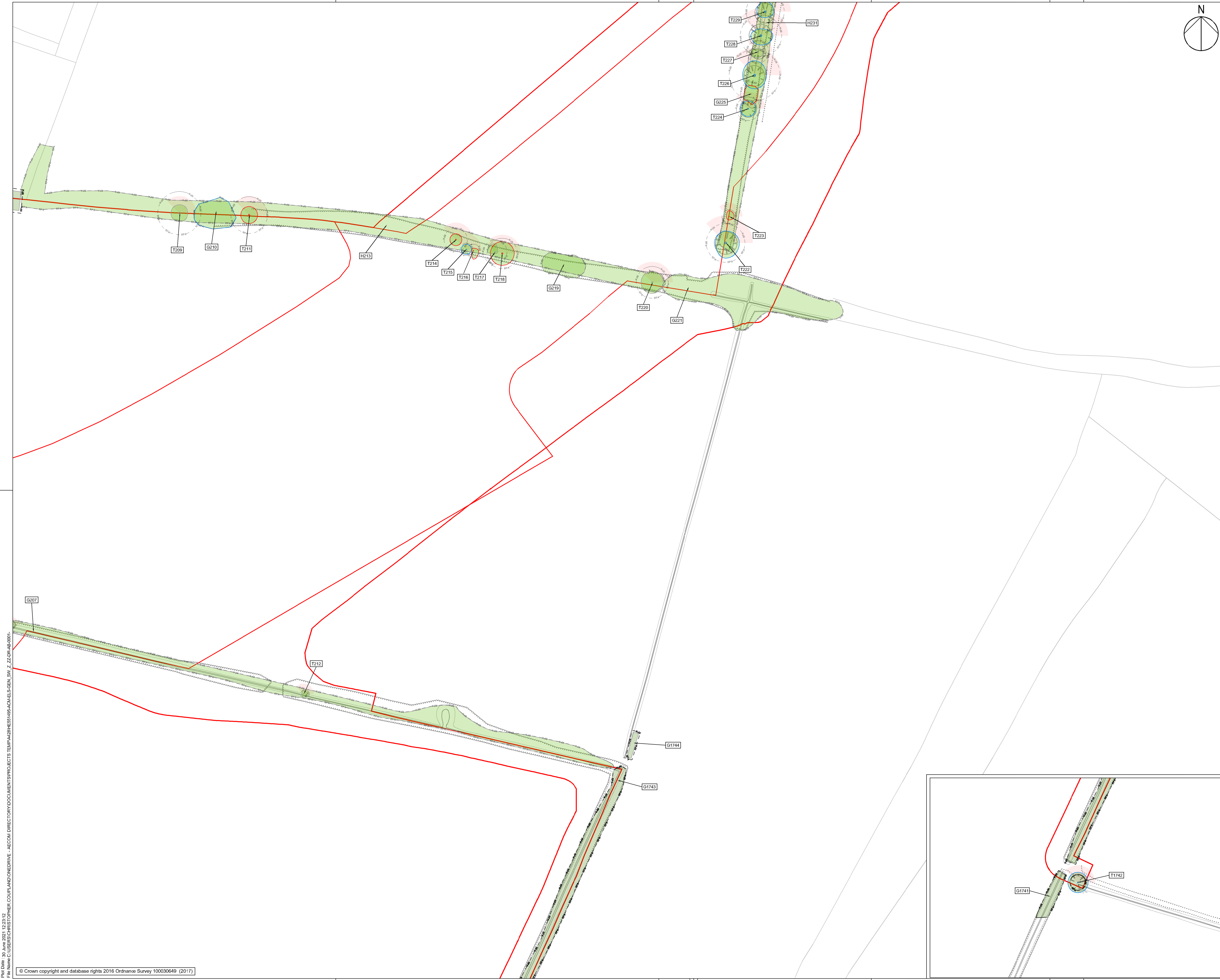
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Drawing Title

TREE CONSTRAINTS PLAN
SHEET 18 OF 73

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Drawing Number				Rev	
Highways England PIN		I Originator		I Volume	
HE551495		-ACM		-ELS -	
GEN_SW_Z_ZZ		-DR		-AB-0019	
Location		I Type		I Role I Number	



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CONSTRUCTION

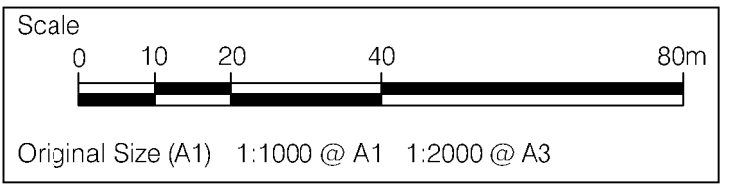
MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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DCO SUBMISSION	AW	28-05-21	P02
First Issue	TF		
	AW	27-11-20	P01
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN SHEET 19 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541	Suitability D7	Zone General		
Scale @ A1 1:1000				

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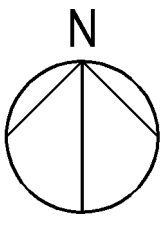
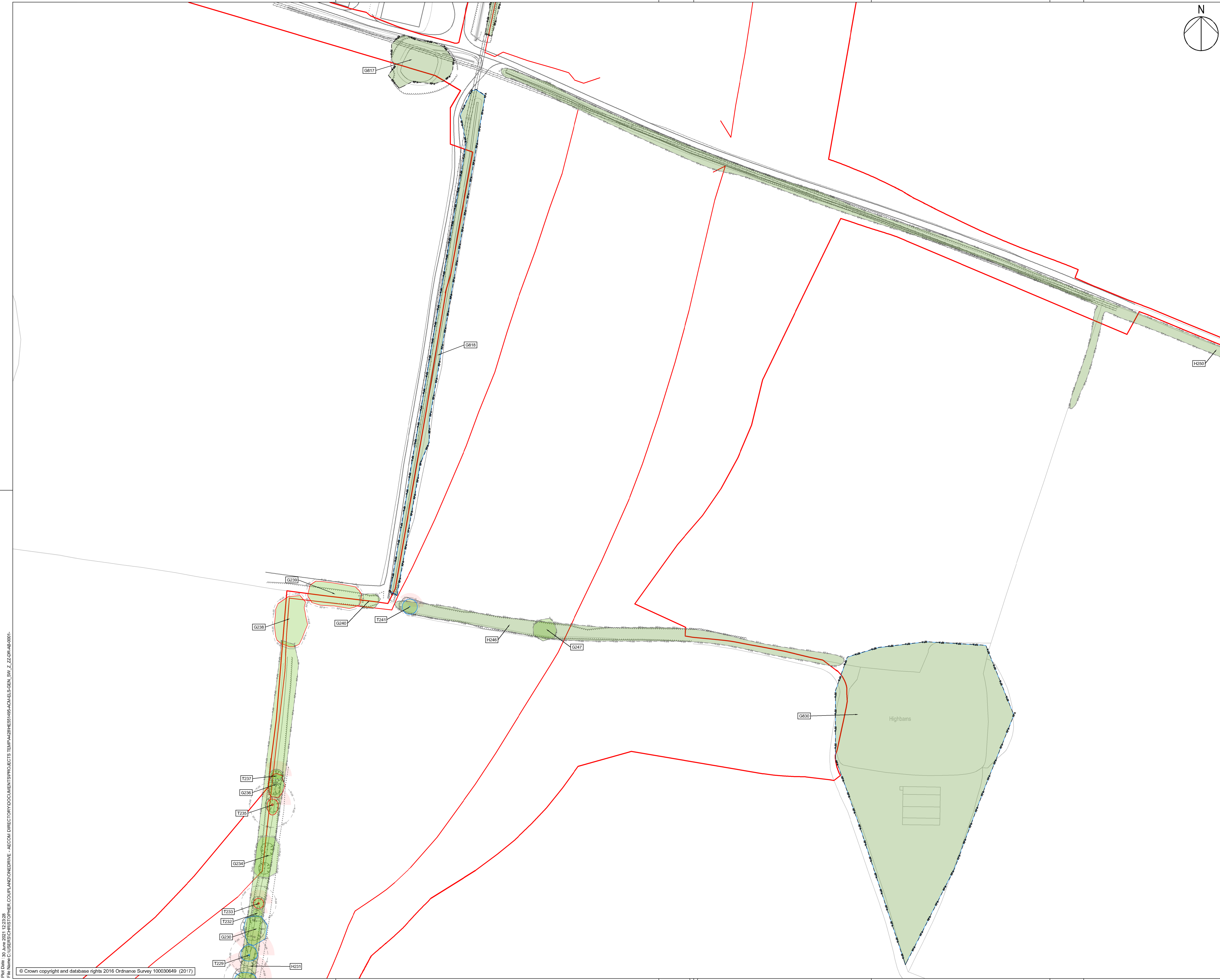
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Drawing Number HE551495 - ACM - ELS - GEN_SW_Z_ZZ - DR - AB - 0020	Rev P02
Location	Type Role Number

Plot Date: 30 Jun 2021 12:25:02
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\MEH51495-ACM-ELS-GEN_SW_Z_ZZ-DR-AB-0001-



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Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 20 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 605411541		Suitability D7		
Scale @ A1 1:500		Zone General		

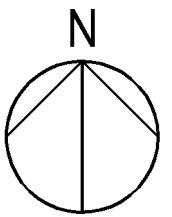
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Drawing Number HE551495 GEN_SW_Z_ZZ-DR-AB-0021	Originator ACM	Volume ELS	Rev P02
Location	Type	Role	Number

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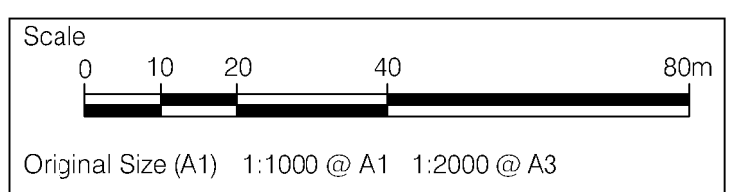


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DCO SUBMISSION	AW TF	28-05-21	P02
First Issue	AW TF	27-11-20	P01
Revision Details	By Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
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Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 21 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

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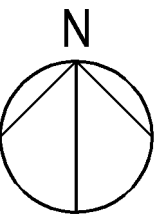
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
Location GEN_SW_Z_ZZ-DR-AB-0022		Type DR	Role AB

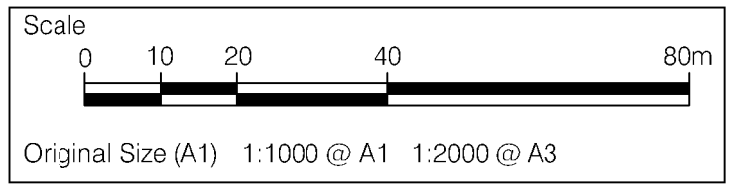


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A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN SHEET 22 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

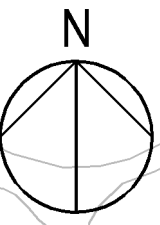
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
GEN_SW_Z_ZZ-DR-AB-0023			
Location	Type	Role	Number

Plt Date: 30 Jun 2021 12:25:57
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\HE551495-ACM-ELS-GEN_SW_Z_ZZ-DR-AB-0023



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CONSTRUCTION

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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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5. TREE CATEGORIES DEFINED BY BS5837:2012.

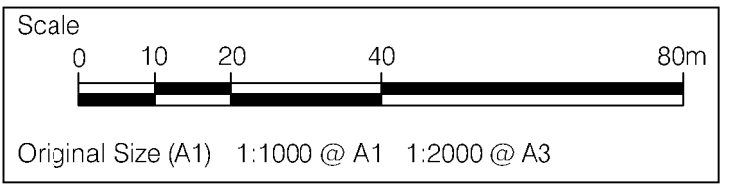
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KEY

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- B - CATEGORY TREES & GROUPS (MODERATE QUALITY & VALUE)
- C - CATEGORY TREES & GROUPS (LOW QUALITY & VALUE)
- U - CATEGORY TREES & GROUPS (UNSUITABLE FOR RETENTION)
- ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)
- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (PENDING RELEVANT P.A. CONFIRMATION)



DCO SUBMISSION	AW TF	28-05-21	P02
First Issue	AW TF	27-11-20	P01
Revision Details	By Check	Date	Suffix

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

TREE CONSTRAINTS PLAN SHEET 23 OF 73

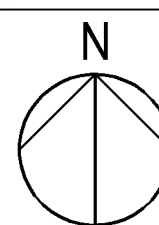
Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interna Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

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Drawing Number HE551495	Originator ACM	Volume ELS	Rev P02
GEN_SW_Z_ZZ-DR-AB-0024			
Location			Type Role Number



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CONSTRUCTION

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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

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- C - CATEGORY TREES & GROUPS (LOW QUALITY & VALUE)
- U - CATEGORY TREES & GROUPS (UNSUITABLE FOR RETENTION)
- ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)
- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (RELEVANT FOR CONSIDERATION)

Scale
0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 24 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 605411541		Suitability D7		
Scale @ A1 1:500		Zone General		

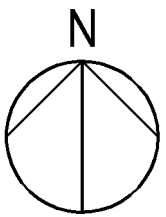
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Drawing Number HE551495	ACM	ELS	P02
Location GEN_SW_Z_Z	DR	AB	0025
Originator	Volume	Rev	
Type	Role	Number	

Rev: 30 June 2021 12:24:23
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\HE551495-ACM-ELS-GEN_SW_Z_Z-DR-AB-0001-



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CONSTRUCTION

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MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

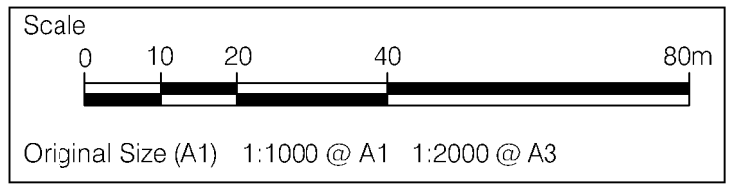
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- CONSERVATION AREA
- TREE PRESERVATION ORDERS
- POTENTIAL TREE PRESERVATION ORDERS (REQUIRE RELEVANT PPA CONFIRMATION)



DCO SUBMISSION	AW TF	28-05-21	P02
First Issue	AW TF	27-11-20	P01
Revision Details	By Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

**TREE CONSTRAINTS PLAN
SHEET 26 OF 73**

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Internals Project No. 60541541		Suitability D7		
Scale @ A1 1:500		Zone General		

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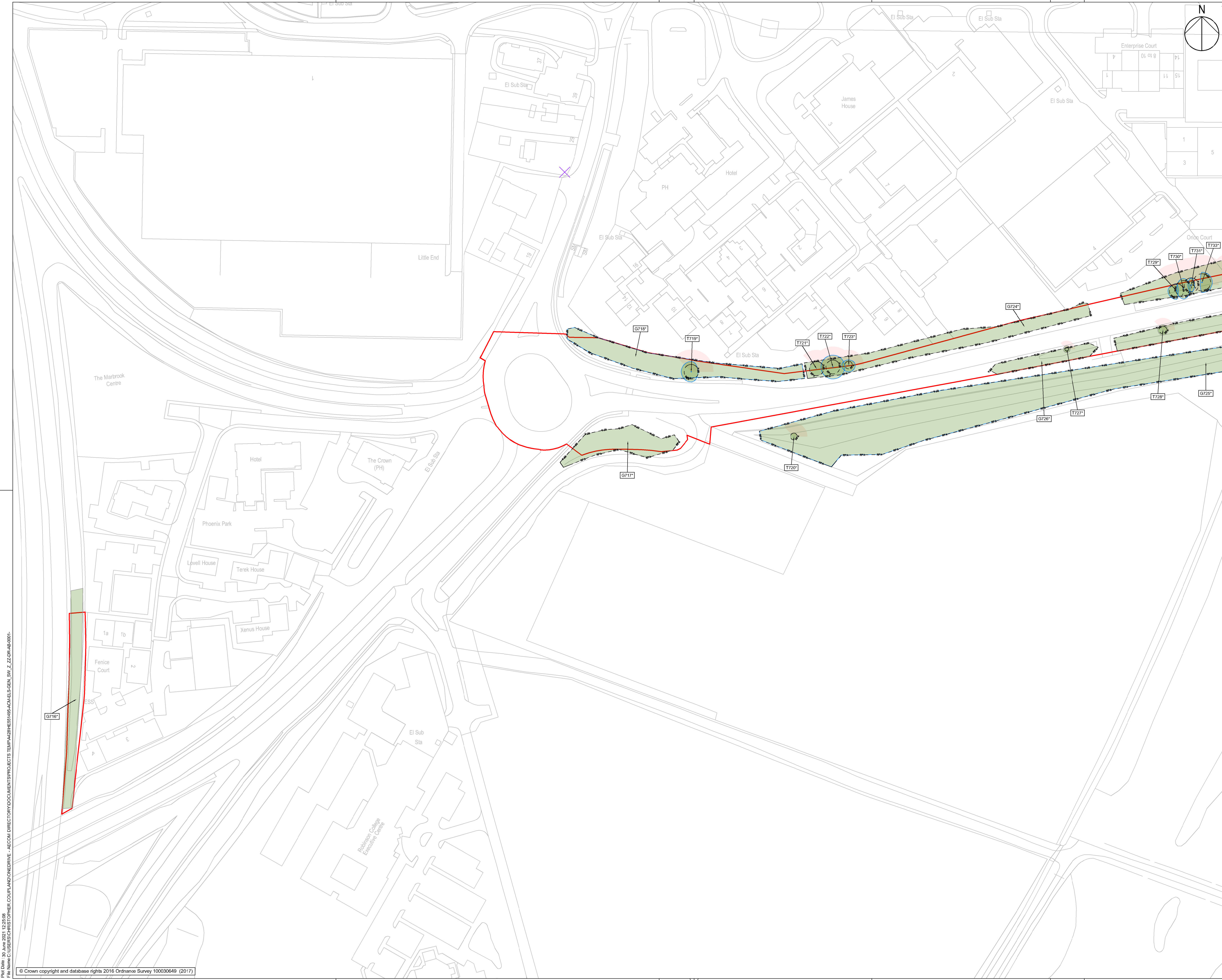
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Drawing Number Highways England PIN HE551495	Originator ACM	Volume ELS	Rev P02
Location GEN_SW_Z_ZZ-DR-AB-0027			Type 1

PLU Date: 30 Jun 2021 12:25:02
File Name: C:\Users\joshua\Documents\PROJECTS\TEMP\A428\ME5\456\A428\EL5\GEN_SW_Z_ZZ-DR-AB-0001-



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C - CATEGORY TREES & GROUPS (LOW QUALITY & VALUE)

U - CATEGORY TREES & GROUPS (UNSUITABLE FOR RETENTION)

ROOT PROTECTION AREAS (AS DEFINED BY BS 5837:2012)

CONSERVATION AREA

TREE PRESERVATION ORDERS

POTENTIAL TREE PRESERVATION ORDERS (POTENTIAL PRESERVATION CONFIRMATION)

Scale

0 10 20 40 80m

Original Size (A1) 1:1000 @ A1 1:2000 @ A3

DCO SUBMISSION	AW	TF	28-05-21	P02
First Issue	AW	TF	27-11-20	P01
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client:
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of

highways england

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

TREE CONSTRAINTS PLAN SHEET 27 OF 73

Designed TF	Drawn CC	Checked TF	Approved AW	Date 28.05.2021
Interneta Project No. 60541541		Suitability D7		
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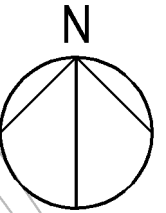
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Drawing Number Highways England PIN	Originator	Volume	Rev
HE551495	ACM	ELS	P02
GEN_SW_Z_Z	DR	AB	0028
Location	Type	Role	Number

File Path: 30 June 2021 12:25:08
File Name: C:\Users\jordan\Documents\PROJECTS\TEMP\A428\HE551495-ACM\ELS-GEN_SW_Z_Z\DR-AB-0001-

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The diagram illustrates the four categories of trees and groups based on their quality and value, and the associated protection measures:

- A - CATEGORY TREES & GROUPS** (HIGHEST QUALITY & VALUE): Represented by a green circle with a green dot in the center.
- B - CATEGORY TREES & GROUPS** (MODERATE QUALITY & VALUE): Represented by a blue circle with a blue dot in the center.
- C - CATEGORY TREES & GROUPS** (LOW QUALITY & VALUE): Represented by a light green circle with a black dot in the center.
- U - CATEGORY TREES & GROUPS** (UNDESIRABLE FOR RETENTION): Represented by a red circle with a red dot in the center.

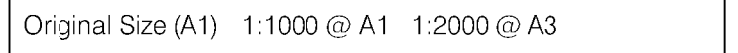
Below the categories, a circular diagram shows the **ROOT PROTECTION AREAS** (AS DEFINED BY BS 5837:2012). The circle is divided into three concentric zones:

- Innermost zone:** Labeled "Tree Protection Zone".
- Middle zone:** Labeled "Tree Protection Zone".
- Outermost zone:** Labeled "Tree Protection Zone".

Below the root protection areas, two diagrams illustrate the protection measures:

- CONSERVATION AREA:** A rectangular area with a blue border and a blue diagonal line.
- TREE PRESERVATION ORDERS:** A rectangular area with a purple border and a purple diagonal line.

Below the preservation orders, a diagram illustrates the **POTENTIAL TREE PRESERVATION ORDERS (TO REQUIRE RELEVANT PARTY CONFIRMATION)**. It shows a rectangular area with a pink border and a pink diagonal line.

DCO APPLICATION

Working on behalf of



highways
england

Drawing Title

TREE CONSTRAINTS PLAN
SHEET 28 OF 73

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Drawing Number			Rev
Highways England PIN	I Originator	I Volume	
HE551495	-ACM	-ELS -	P02
GEN_SW_Z_ZZ -DR-AB-0029			
Location	I Type	I Role	I Number

