



Connah's Quay Low Carbon Power

Environmental Statement Volume IV Appendix 5-A: Environmental Screening of Accommodation Works

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Prepared for:
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Table of Contents

1.	Introduction	1
2.	Approach	2
3.	Environmental Screening Exercise	3
3.2	Port of Mostyn (M1).....	3
3.3	A548 from Port of Mostyn to Greenfield (S1 - S5).....	3
3.4	Tir Glas Roundabout (S6).....	4
3.5	A548 through Flint to Chester Road Roundabout (S7- S10)	5
3.6	AIL Access (S11 - S12).....	5
3.7	North Road to the A548 (S13-S15).....	6
3.8	Connah's Quay North (S16)	7
3.9	Potential Environmental Effects.....	8
4.	Conclusion	14
	Annex A Location of the Accommodation Works (Figure 3-1: Order Limits (EN010166/APP/6.3)).....	15
	Annex B – Accommodation Works Tree Constraints Plan	16

Tables

Table 3-1:	Potential Accommodation Works within Port of Mostyn	3
Table 3-2:	Areas Under Consideration from Port of Mostyn to Greenfield	4
Table 3-3:	Areas Under Consideration for Tir Glass Roundabout.....	4
Table 3-4:	Areas Under Consideration from Flint to Chester Road Roundabout	5
Table 3-5:	Areas Under Consideration for the AIL Access	6
Table 3-6:	Areas Under Consideration from North Road to the A548	6
Table 3-7:	Areas Under Consideration for Connah's Quay North	7
Table 3-8:	Summary of the potential environmental effects	8

1. Introduction

- 1.1.1 This appendix supports **Chapter 5: Construction management and Programme (EN010166/APP/6.2.5)** and describes the environmental screening exercise of the Accommodation Works required to facilitate the delivery of Abnormal Indivisible Loads (AILs) during the construction period for the Connah's Quay Low Carbon Power project (hereafter referred to as the Proposed Development).
- 1.1.2 This exercise identifies if the Accommodation Works have the potential to result in significant effects on the Environment, therefore noting where further assessment of these works is required in the **Environmental Statement (ES)**.
- 1.1.3 The Accommodation Works comprise of the following locations (the Accommodation Works Areas), and are further detailed in Section 3 and shown in **Annex A (Figure 3-1: Order Limits (EN010166/APP/6.3))**:
- *Port of Mostyn: comprising the area within the existing Port of Mostyn;*
 - *A548 from Port of Mostyn to Greenfield: comprising of the route of the existing highway along the A548 between the entrance to the Port of Mostyn and the village of Greenfield and the immediate entrance of the existing Port of Mostyn;*
 - *Tir Glas Roundabout: limited to Tir Glas roundabout on the A548 between Greenfield and Whelston;*
 - *A548 through Flint to Chester Road Roundabout: comprising the route of the existing highway along the A548 through Flint and includes the Chester Road roundabout;*
 - *AIL Access: comprises a section of the A548 Chester Road adjacent to the Main Development Area Access Works Area;*
 - *Connah's Quay North: comprising of the existing jetty at Connah's Quay North, including marine and terrestrial components, and the access road from North Road/River Road; and*
 - *North Road to the A548: comprising of the North Road from the entrance to Connah's Quay North to the A548 Weighbridge Road roundabout.*

2. Approach

- 2.1.1 This screening exercise outlines the location and description of each of the Accommodation Works and provides a commentary on potential environmental effects, considering embedded mitigation detailed in the **Framework Construction Environmental Management Plan (CEMP) (EN010166/APP/6.5)** and the **Framework Construction Traffic Management Plan (CTMP) (EN010166/APP/6.6)**. Any further required assessment is detailed and referenced, as appropriate.
- 2.1.2 It can be reasonably determined that some of the environmental topics, as outlined in the main ES, can be scoped without further consideration. These topics are listed below along with the justification for not considering them as part of this screening exercise:
- *socio-economics, recreation and tourism* – it is not anticipated the Accommodation Works, including any road closures, would be extensive enough to result in impacts to local and regional businesses as much of the proposed works are temporary, with full road closures being kept to a minimum in accordance with the **Framework CTMP (EN010166/APP/6.6)**. There is no potential for significant environmental effects in relation to socio-economics, recreation and tourism;
 - *climate change* – the small scale nature of the Accommodation Works mean that greenhouse gas emissions would be minimal and that emissions would not be in excess of any usual highway maintenance. There is no potential for significant environmental effects in relation to climate change;
 - *materials and waste* – it is not anticipated that the Accommodation Works will result in significant materials and waste impacts owing to the small scale and temporary nature of the works, which are unlikely to exceed beyond general maintenance and upgrades. There is no potential for significant environmental effects in relation to materials and waste;
 - *major accidents and disasters* – it is not anticipated that the Accommodation Works have the potential to result in a major accident or disaster or are particularly vulnerable to such an event. There is no potential for significant environmental effects in relation to major accidents and disasters; and
 - *marine environment* – no Accommodation Works are within the marine environment and as such there is no potential for any effects to arise on marine receptors.

3. Environmental Screening Exercise

- 3.1.1 This section considers each of the terrestrial environmental topics that were scoped into the Environmental Impact Assessment (EIA), except for the topics that were screened out in Section 2.
- 3.1.2 The location and nature of the works under consideration for each of the Accommodation Works is described below from section 3.2 to 3.7. The potential environmental effects are screened in section 3.9.

3.2 Port of Mostyn (M1)

Location

- 3.2.1 The Port of Mostyn is an existing operational commercial deep-water port that lies adjacent to the existing Mostyn navigational channel with access to the Irish Sea

Description

- 3.2.2 **Table 3-1** presents an overview of the areas currently under consideration for Accommodation Works at the Port of Mostyn.

Table 3-1: Potential Accommodation Works within Port of Mostyn

Location	Satellite Area National Grid Reference	Nature of Accommodation Works under consideration
M01	316138, 380361	Minor works (removal of gate post and tree works) in the vicinity of Port Level Crossing to provide the necessary swept path for AILs.

3.3 A548 from Port of Mostyn to Greenfield (S1 - S5)

Location

- 3.3.1 This area comprises the route of the existing highway along the A548 between the entrance to the Port of Mostyn and the village of Greenfield and the immediate entrance of the existing Port of Mostyn, an existing operational commercial deep-water port that lies adjacent to the existing Mostyn navigational channel with access to the Irish Sea. The entrance gate and North Wales Main Line included within the Order limits are limited to areas of hardstanding.
- 3.3.2 Roadside vegetation varies throughout this section and includes overhanging trees and grass verges. In some locations trees line both sides of the A548. Various industrial and residential properties are passed on this route, but no private property is included within the Order limits.

Description

- 3.3.3 **Table 3-2** presents an overview of the areas currently under consideration for Accommodation Works from Port of Mostyn to Greenfield.

Table 3-2: Areas Under Consideration from Port of Mostyn to Greenfield

Road Section	Satellite Area National Grid Reference	Nature of Accommodation Works under consideration
S01	316138, 380361	Tree works at PoM exit. Trees covered by Tree Preservation Order (TPO) will be avoided/protected as far as reasonably practicable. Protection measures at Port Level crossing to protect rails (e.g. temporary placement of protection plates over rails during ALL movements).
S02	317021, 379526	Tree works. Temporary lifting and replacement of telecommunications cables crossing the carriageway.
S03	317910, 379019	Tree works.
S04	318034, 378873	Tree works.
S05	318662, 378314	Tree works.

3.4 Tir Glas Roundabout (S6)

Location

- 3.4.1 This area is limited to Tir Glas roundabout on the A548 between Greenfield and Whelston. The island of the roundabout comprises grassland and flowers with larger vegetation, including trees, on the verges on the edge of the roundabout. Pavements are included around the edge of the roundabout.

Description

- 3.4.2 **Table 3-3** presents an overview of the areas currently under consideration for Accommodation Works for Tir Glas Roundabout.

Table 3-3: Areas Under Consideration for Tir Glass Roundabout

Road Section (S)	Satellite Area National Grid Reference	Nature of Accommodation Works under consideration
S06	320213, 377001	Tree and temporary works to roundabout (TPO trees to be avoided/protected as far as reasonably practicable).

3.5 A548 through Flint to Chester Road Roundabout (S7- S10)

Location

- 3.5.1 This area comprises the route of the existing highway along the A548 through Flint and includes the Chester Road roundabout. On approach to Flint from the north, the A548 is lined with overhanging trees on both sides of the highway, through Flint itself there is limited vegetation, but there are some areas of grass verge and a number of street trees. Chester Road roundabout has a raised grassed island with ornamental planting. The roundabout has grass verges and a number of hedges present.

Description

- 3.5.2 **Table 3-4** presents an overview of the areas currently under consideration for Accommodation Works from Flint to Chester Road Roundabout.

Table 3-4: Areas Under Consideration from Flint to Chester Road Roundabout

Road Section (S)	Satellite Area National Grid Reference	Nature of Accommodation Works under consideration
S07	324145, 373417	Tree works (west of Flint conservation area).
S08	324370, 373217	Temporary removal and reinstatement of street furniture and signage (within Flint Conservation Area), limited to central reservation/avoiding removal of pavement barriers. Trees within conservation area to be avoided/protected as far as reasonably practicable.
S09	325287, 372414	Temporary removal and reinstatement of street furniture and signage (east of Flint Conservation Area). Temporary earthworks to lower part of central island of roundabout or to widen entry/exit carriageway(s).
S10	327083, 371226	Temporary removal and reinstatement of central reservation.

3.6 AIL Access (S11 - S12)

Location

- 3.6.1 This area comprises a section of the A548 Chester Road adjacent to the MDA Access Works Area and a wooded verge on Kelsterton Road adjacent to the Kelsterton Road/A548 Chester Road.

Description

- 3.6.2 **Table 3-5** presents an overview of the areas currently under consideration for Accommodation Works for the AIL Access.

Table 3-5: Areas Under Consideration for the AIL Access

Section (S)	Satellite Area National Grid Reference	Nature of Accommodation Works under consideration
S11	327532, 371019	Tree Works
S12	329829, 371897	Roundabout accommodation works (Adopted Highway)

3.7 North Road to the A548 (S13-S15)

Location

- 3.7.1 This area comprises North Road from the entrance to Connah's Quay North to the A548 Weighbridge Road roundabout. The highway is typically bound by a grass verge with some areas of overhanging trees.

Description

- 3.7.2 **Table 3-6** presents an overview of the areas currently under consideration for Accommodation Works from North Road to the A548.

Table 3-6: Areas Under Consideration from North Road to the A548

Section (S)	Satellite Area National Grid Reference	Nature of accommodation works under consideration
S13	329926, 371651	Carriageway works (Unclassified Road).
S14	329987, 370743	Carriageway works (private road network) within Deeside Industrial Estate.
S15	329901, 370850	Carriageway works (private road network) within Deeside Industrial Estate, including works to temporarily demount and re-mount gates/posts at the security entrance or otherwise facilitate AIL passage.

3.8 Connah's Quay North (S16)

Location

- 3.8.1 This area comprises the existing jetty at Connah's Quay North, including marine and terrestrial components, and the access road from North Road/River Road. The marine components comprise use of a small section the Dee Estuary and existing jetty infrastructure (including a piled concrete retaining wall). The terrestrial component comprises hardstanding areas and some limited areas of vegetation. On approach to North Road/River Road, vegetation is more abundant comprising grassland and wooded areas.

Description

- 3.8.2 **Table 3-7** presents an overview of the areas currently under consideration for Accommodation Works for Connah's Quay North.

Table 3-7: Areas Under Consideration for Connah's Quay North

Section (S)	Satellite Area National Grid Reference	Nature of accommodation works under consideration
S16	329052, 370608	<p>Connah's Quay North in-river and quayside area.</p> <p>Works may include (subject to refinement following further technical assessment and landowner engagement):</p> <p><i>Within the Dee Estuary (marine environment)</i> <u>No works are proposed.</u></p> <p>The full width of the Dee Estuary was included within the Order Limits for ES to allow for temporary berthing of vessel on river bed, if required, during low tide.</p> <p>Dee Estuary at Connah's Quay North is a statutory designated ecological site.</p> <p><i>Works at quayside</i> Connection to moorings. Either placement of mobile cranes (for heavy lift) or placement of temporary link span for roll on roll off (Ro-Ro). Activity would take place within the existing commercial offloading facility.</p>

3.9 Potential Environmental Effects

Table 3-8: Summary of the potential environmental effects

Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
Air Quality	The Accommodation Works would be undertaken over a short period. Following the implementation of measures in the Framework CEMP (EN010166/APP/6.5) there is no potential for significant air quality effects to arise during these works.						No
Noise and Vibration	The Accommodation Works would be undertaken over a short period. Following the implementation of measures in the Framework CEMP (EN010166/APP/6.5) there is no potential for significant noise and vibration effects to arise during these works.						No
Traffic and Transport	It is anticipated The Accommodation Works would be undertaken under temporary partial road closures. In accordance with the Framework CTMP (EN010166/APP/6.6) advanced notification would be provided of any upcoming temporary traffic measures.						Further consideration provided in ES Volume II Chapter 5: Construction Management and Programme (EN010166/APP/6.2.5) and in Framework CTMP (EN010166/APP/6.6)

Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
Terrestrial and Aquatic ecology	A desk top study has been undertaken and habitats present along the route are limited to:						No, however a
	Woodland and individual trees	Grassland; Woodland and individual trees	Woodland and individual trees	Woodland and individual trees	Dee Estuary	Woodland and individual trees	Tree Survey of the route has been undertaken to identify tree constraints. The
	Cropland	Woodland and individual trees	Hedgerows	Grassland	Urban habitats (such as industrial buildings).	Grassland	Tree
	Hedgerows	Scrub.	Grassland	Urban habitats (such as houses, gardens and industrial buildings)	It is understood that this would involve the intensification of use of an existing quay and activities that have occurred here previously	Urban habitats (such as houses, gardens and industrial buildings)	Constraints Plan for the
	Grassland		Urban habitats (such as houses, gardens and industrial buildings)	Urban habitats (such as houses, gardens and industrial buildings)			Accommodation Works Areas is presented in
	Urban habitats (such as houses, gardens and industrial buildings)						Annex B.
	The Accommodation Works would be controlled by the measures detailed in the Framework CEMP (EN010166/APP/6.5) . Measures relevant to these works include:						
	<ul style="list-style-type: none"> • Pre-commencement surveys (such as bat surveys on impacted trees and buildings); • Presence of an Ecological Clerk of Works (ECoW) on site for works such as (but not limited to) vegetation clearance and pruning of trees; • Precautionary methods of work; and 						

Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
	<ul style="list-style-type: none"> Protected Species Licences would be obtained from Natural Resources Wales (NRW) (where applicable) <p>There is no potential for significant terrestrial and aquatic ecological effects to arise from these works.</p> <p>A Tree Survey of the route has been undertaken to identify tree constraints. The Tree Constraints Plan for the Accommodation Works Areas is presented in Annex B.</p>						
Water Environment and flood risk	<p>There is no potential to affect flood risk as there are no permanent changes to the existing highway.</p> <p>The Accommodation Works would be minimal and it is not considered there is any potential to effect surface or groundwater quality following the implementation of measures in the Framework CEMP (EN010166/APP/6.5).</p>			<p>There is no potential to affect flood risk as there are no permanent changes to the existing highway.</p> <p>Following the implementation of measures outlined in the Framework CEMP (EN010166/APP/6.5) it is not considered there is any potential to affect the water environment.</p>		No	
Geology and Ground Conditions	<p>Following the implementation of measures outlined in the Framework CEMP (EN010166/APP/6.5) it is not considered there is any potential to affect geology and ground conditions.</p>						No
			Earthworks to Chester Road roundabout				

Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
			are expected to be temporary and should be reinstated to baseline, causing no significant effects.				
Landscape and Visual Amenity	<p>The works to trees will be minimal and are unlikely to result in any screening issues. No significant landscape and visual effects would arise.</p> <p>In relation to trees, depending on the dimensions of AIL, some trees would likely require pruning works to trim back overhanging branches. Tree loss, as far as reasonably practicable, will be avoided. A Tree Survey of the route has been undertaken to identify tree constraints. The Tree Constraints Plan for the Accommodation Works Areas is presented in Annex B.</p>				<p>No impacts to vegetation. Changes to views from A548 may be present however these will be temporary. Any changes to landscape character are expected to be negligible owing to existing jetty and</p>	<p>No proposed impacts to trees. Any impacts to views resulting from the Accommodation Works are not likely to be significant due to the small scale nature of the works.</p>	<p><i>A548 from Port of Mostyn to Greenfield, Tir Glas Roundabout, A548 through Flint to Chester Road Roundabout, AIL Access:</i> Yes, a Tree Survey of the route has been undertaken to identify tree constraints. The Tree Constraints</p>

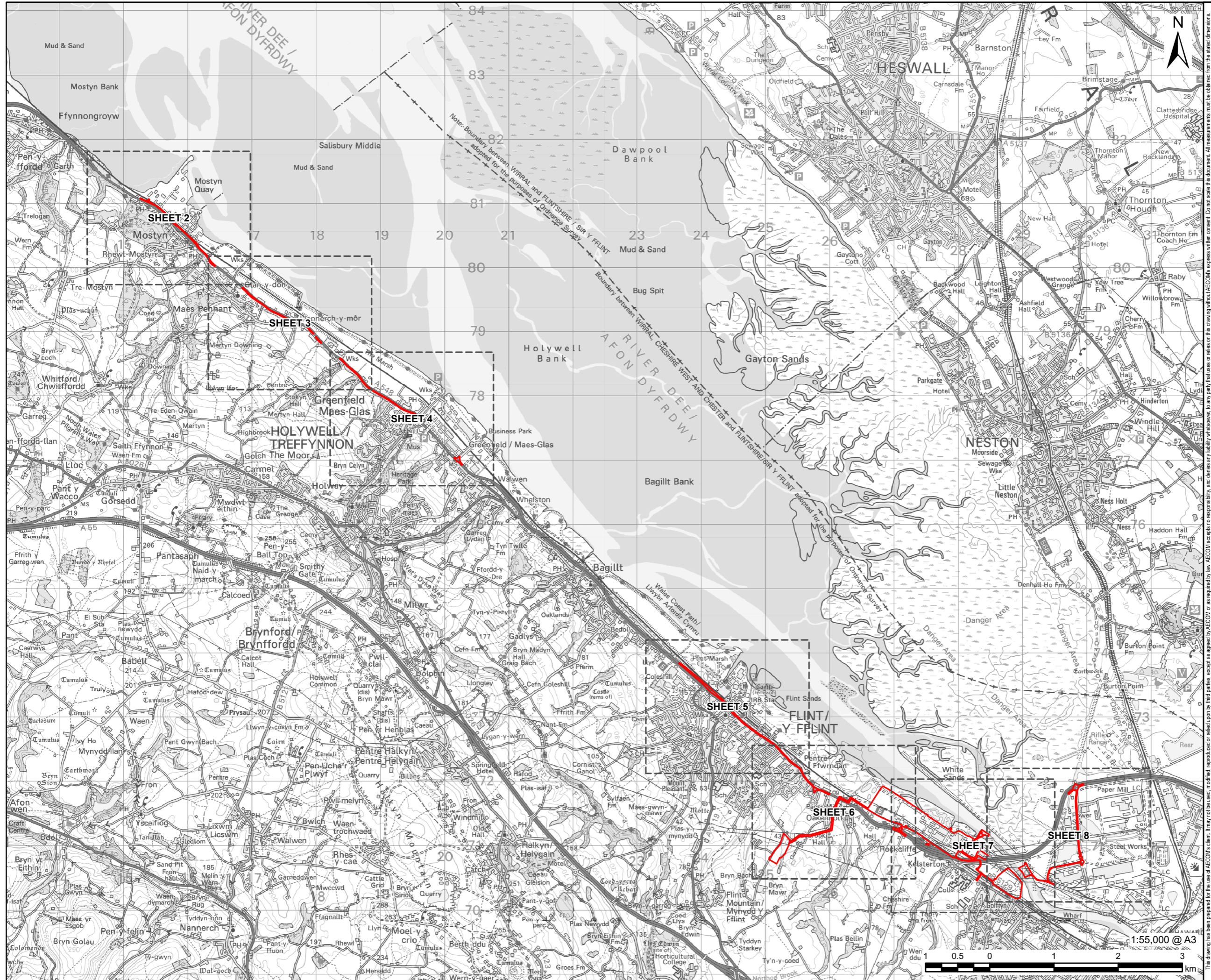
Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
					associated infrastructure.		<p>Plan for the Accommodation Works Areas is presented in Annex B.</p> <p><i>Connah's Quay North and North Road to the A548 – No.</i></p>
Terrestrial Heritage	<p>Three Grade II Listed Buildings are located in the proximity to this Accommodation Works. Due to the temporary nature of the highway works, these assets are not expected to be impacted.</p>	<p>There are no historical designated assets within the vicinity of the proposed Accommodation Works.</p>	<p>One Grade II Listed Building is located directly adjacent to the Accommodation works, with several other similar assets located within 100m of the Accommodation works. Due to the temporary nature of the highway</p>		<p>There are no historical designated assets within the vicinity of the proposed Accommodation Works.</p>		No

Topic	<i>A548 from Port of Mostyn to Greenfield</i>	<i>Tir Glas Roundabout</i>	<i>A548 through Flint to Chester Road Roundabout</i>	<i>AIL Access</i>	<i>Connah's Quay North</i>	<i>North Road to the A548</i>	Further assessment required?
			works, these assets are not expected to be impacted.				
Human Health	The Accommodation Works would be undertaken over a short period. Following the implementation of measures in the Framework CEMP (EN010166/APP/6.5) there is no potential for significant air quality effects to arise during these works.						

4. Conclusion

- 4.1.1 Following a review of the required Accommodation Works it is concluded that no significant environmental effects are expected to occur, and thus all topics can be screened out of requiring further assessment. However, additional work was undertaken relating to Arboriculture (see **Annex B**).
- 4.1.2 Further information relating to general traffic and transport impacts are included within **ES Chapter 5: Construction Management and Programme (EN010166/APP/6.2.5)**, and the extent of traffic provisions are shown on the **Access, Streets, Rights of Way, and Rights of Navigation Plans (EN010166/APP/2.6)** and the **Traffic Regulation Measures plans (EN010166/APP/2.7)**. Additional details of proposed Accommodation Works would be submitted to the relevant highway authority and approved prior to the commencement of any works on site.

Annex A Location of the Accommodation Works (Figure 3-1: Order Limits (EN010166/APP/6.3))



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LEGEND
 Order limits

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ISSUE PURPOSE
 Environmental Statement

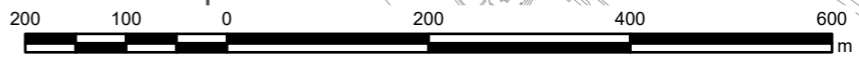
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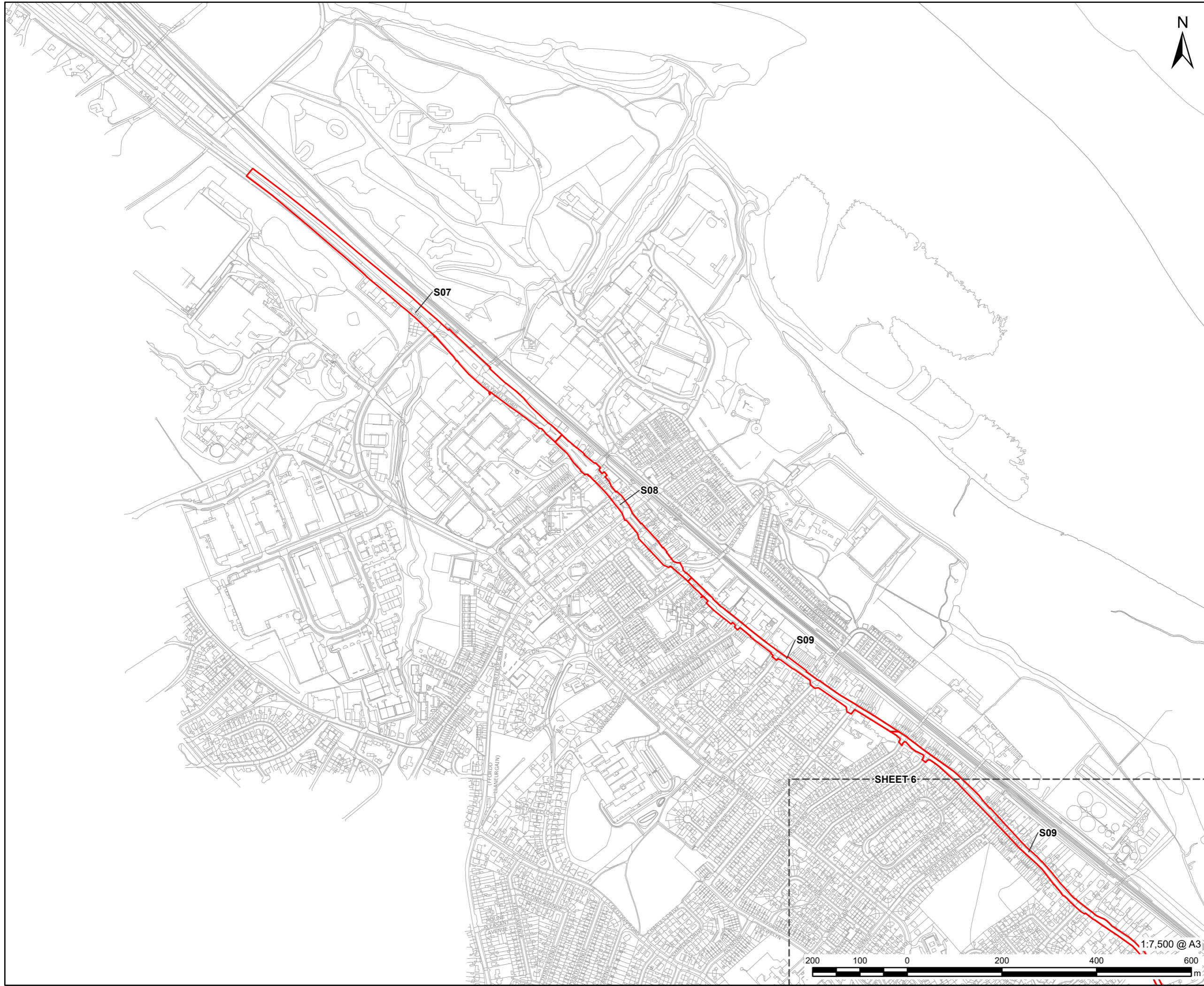
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FIGURE NUMBER
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Sxx Accommodation Work Area

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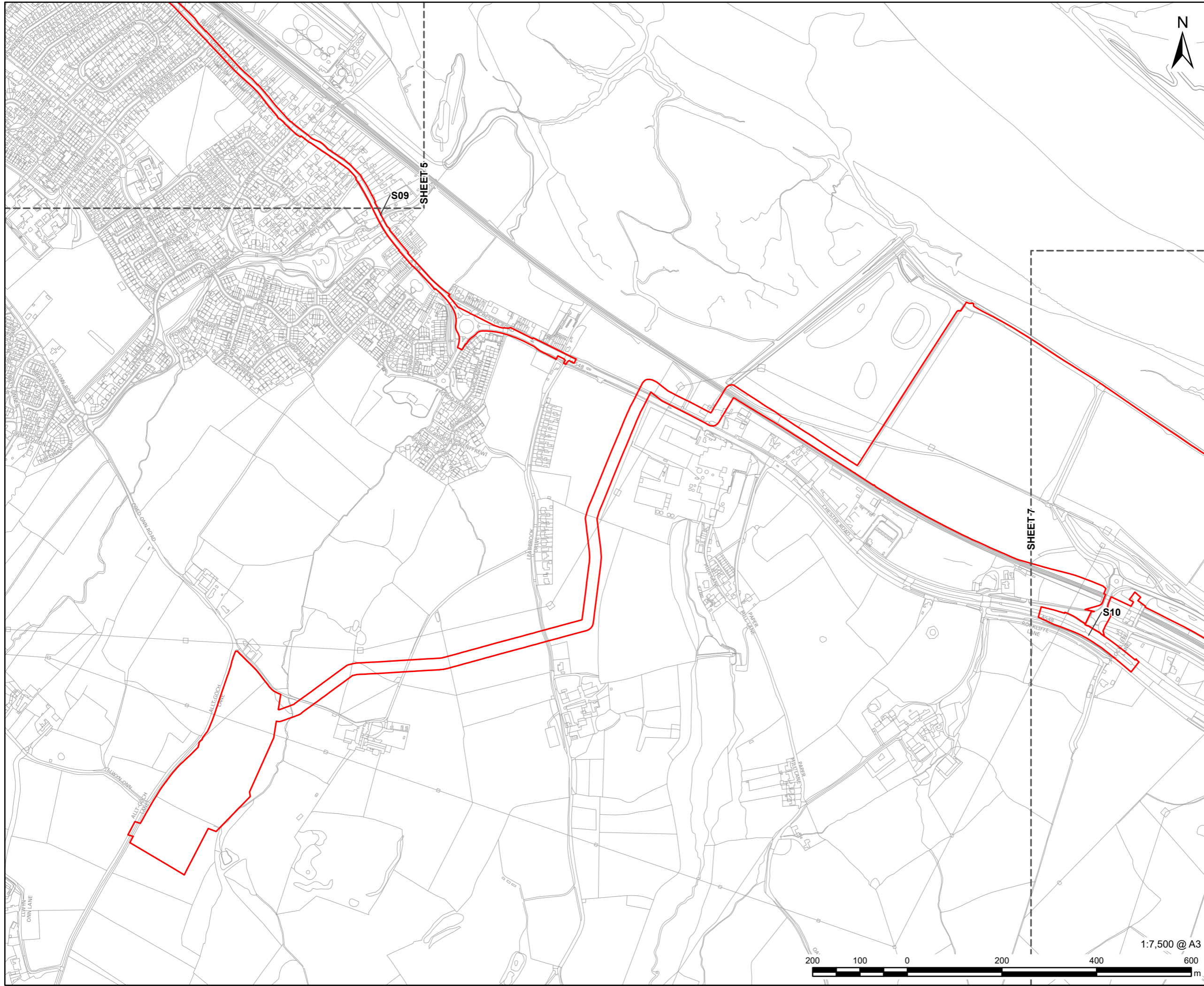
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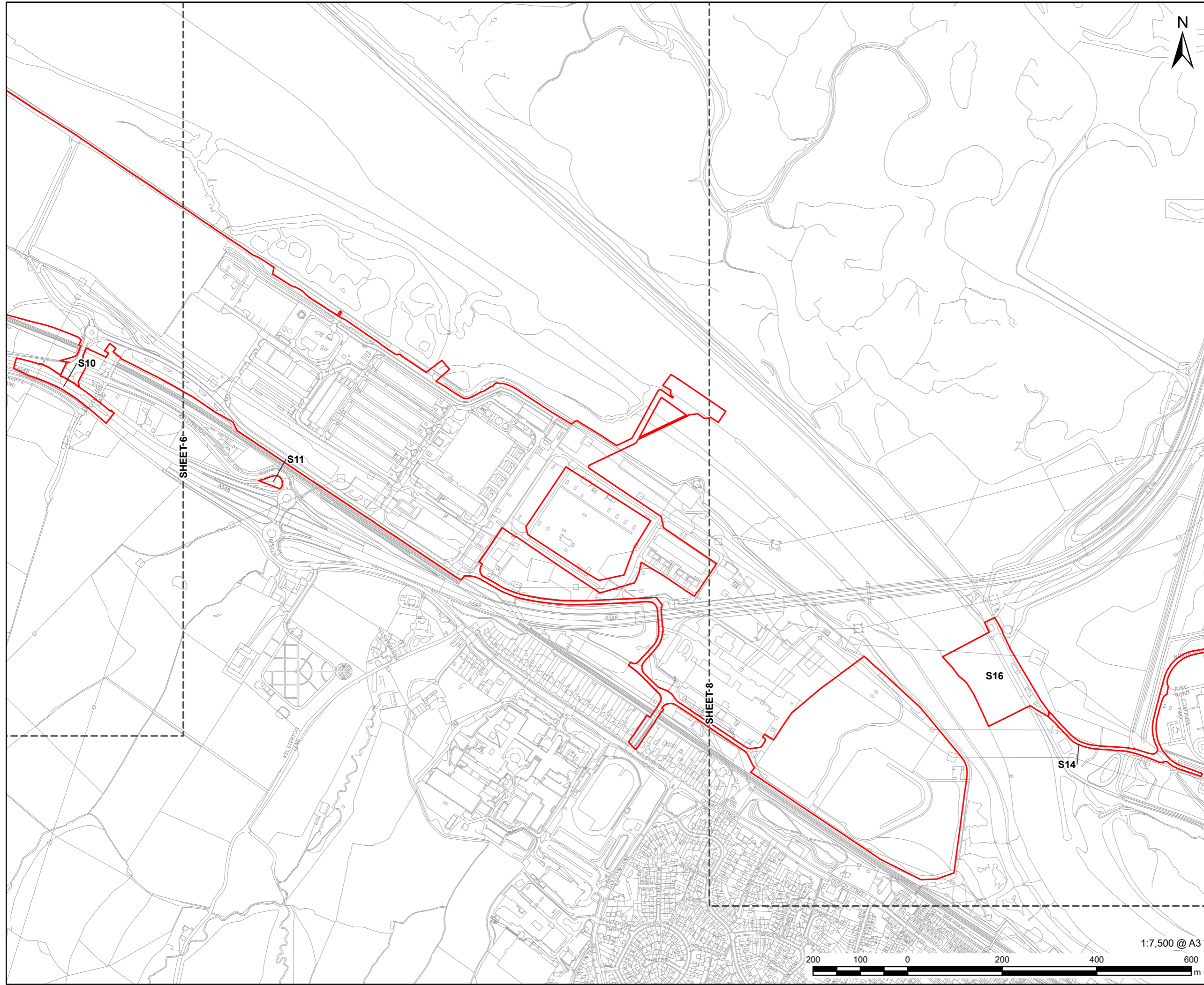
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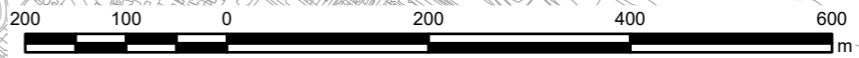


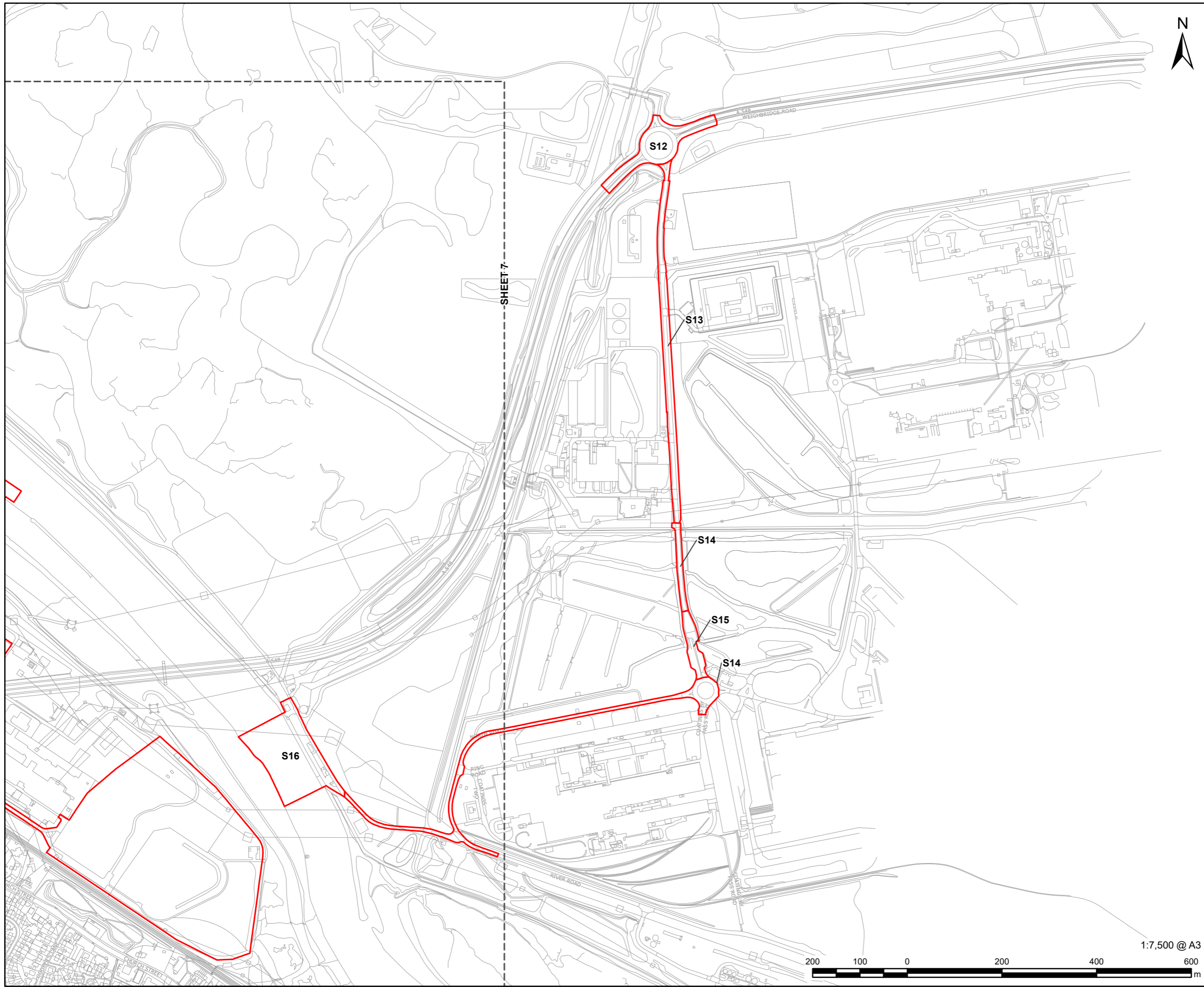
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Order limits

Sxx Accommodation Work Area

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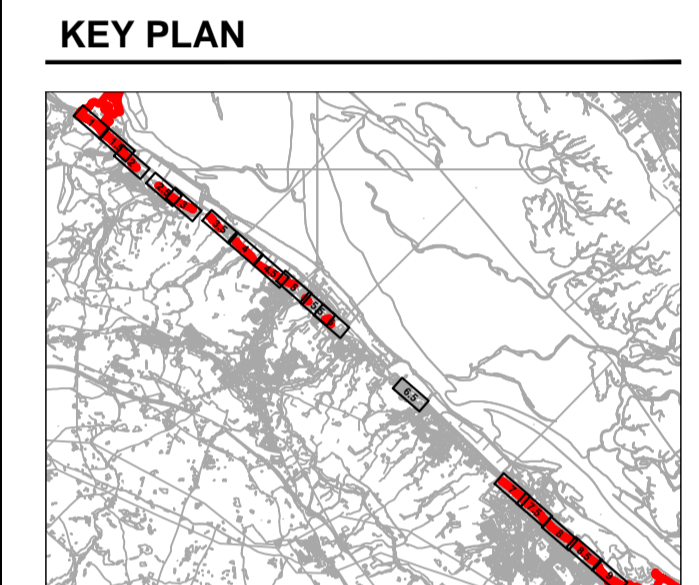
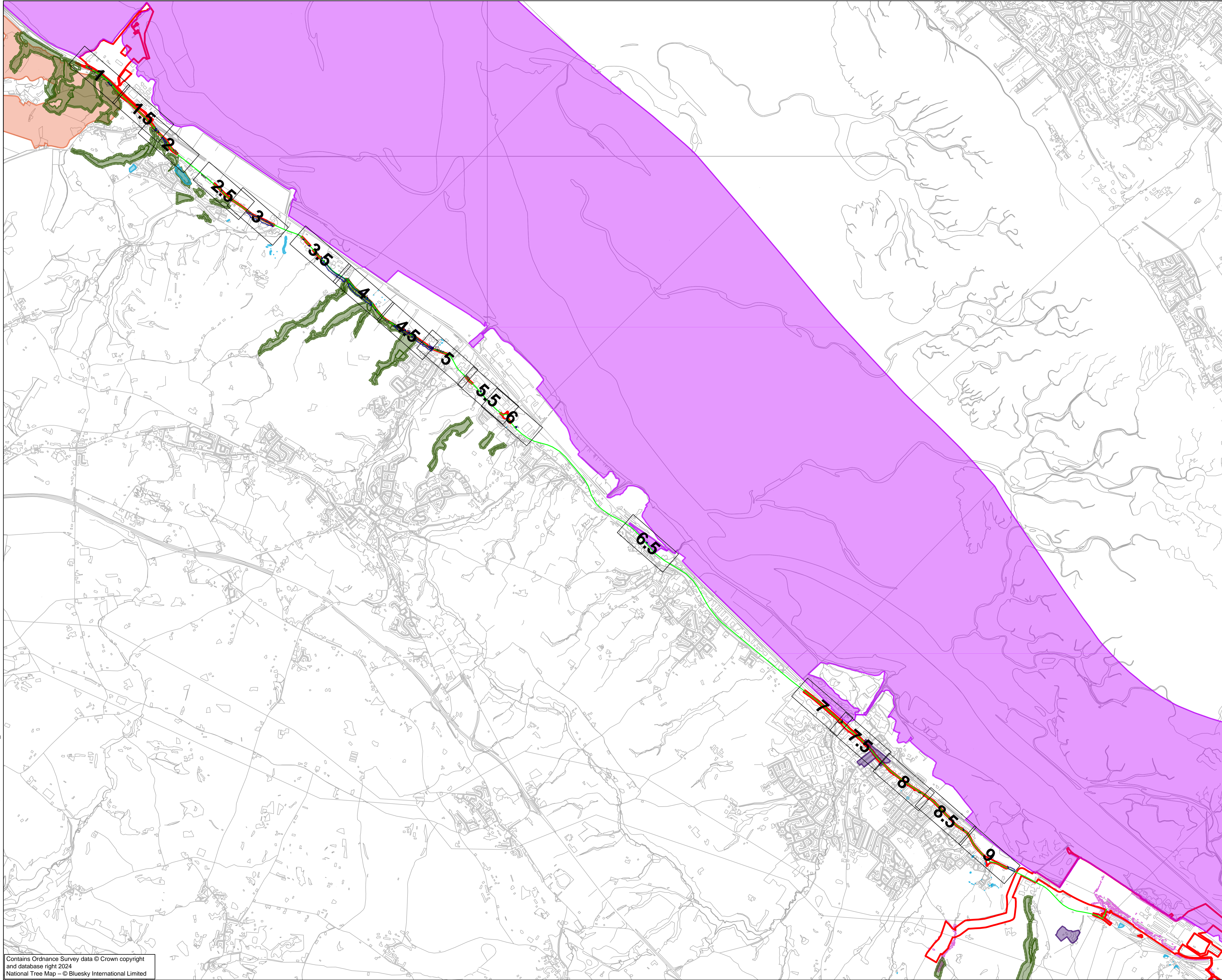
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Annex B – Accommodation Works Tree Constraints Plan



KEY

FEATURE ID TAGS	DESCRIPTION
TM	(A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'Y' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
GENERAL SURVEY AREAS	
(Green circle)	A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
(Blue circle)	B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
(Light green circle)	C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
(Red circle)	U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
(White circle)	ROOT PROTECTION AREAS (RPA) (AS DEFINED BY BS 5837:2012)
(Pink circle)	BLUESKY NATIONAL TREE MAP DATA (WITH APPROXIMATE RPA'S GENERATED BY AECOM)
(Green shaded area)	ANCIENT WOODLAND W/50M BUFFER (ORIGINAL RESOURCES (ING AND) CULTURAL RESOURCES W/50M)
(Orange shaded area)	AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
(Purple shaded area)	SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
(Blue shaded area)	CONSERVATION AREA (AS PER WILTSHIRE COUNTY COUNCIL)
(Blue star)	TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION

DRAWING STATUS
ISSUE

PROJECT NUMBER
 60717119

SHEET TITLE
 HIGH LEVEL TREE CONSTRAINTS PLAN (SHEET 00)

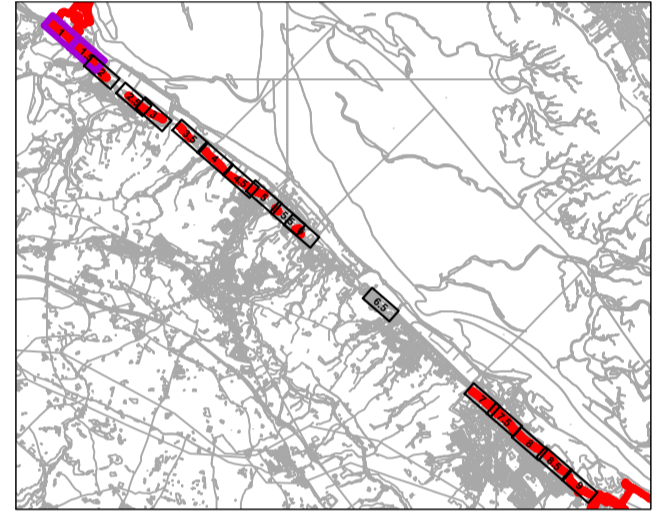
SHEET NUMBER **REV.**
 60717119-ACM-XX-MN-AB-TCP-000 P01

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GENERAL NOTES

1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE / GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY, BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
4. PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBORECUCLTURAL REPORT
5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
6. THE HIGHEST SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPA'S GENERATED BY AECOM
8. DRAWING REFERENCES:
 Connahs Quay NTM Data.dwg
 Freevale DCO.dwg
 20250711_Designations.dwg

KEY PLAN



KEY

- FEATURE ID TAGS**
 (A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS**
 - A** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
 - B** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
 - C** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
 - U** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
 - ROOT PROTECTION AREAS (RPA)**
 (AS DEFINED BY BS 5837:2012)
 - BLUESKY NATIONAL TREE MAP DATA**
 (WITH APPROXIMATE RPA'S GENERATED BY AECOM)
 - ANCIENT WOODLAND WFSM BUFFER**
 (CONTAINING RESOURCES INCLUDING CULTURAL RESOURCES WALLS)
 - AREA OF PRIORITY HABITAT**
 (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST**
 (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA**
 (AS PER FLINTSHIRE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER**
 (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION

DRAWING STATUS
ISSUE

PROJECT NUMBER
 60717119

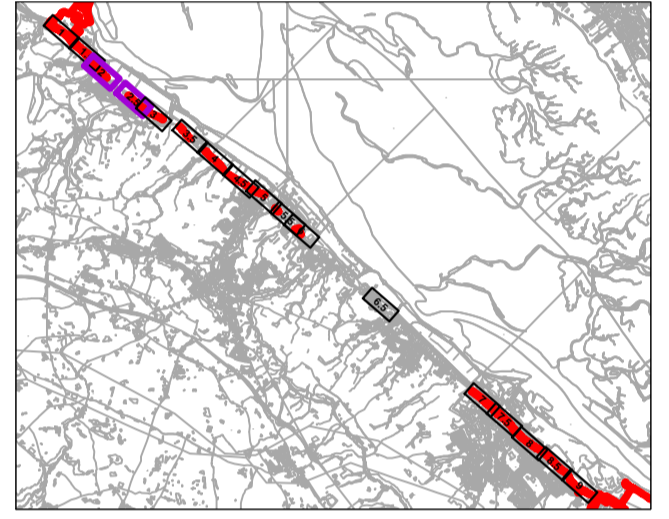
SHEET TITLE
 HIGH LEVEL TREE
 CONSTRAINTS PLAN
 (SHEET 01)

SHEET NUMBER **REV.**
 60717119-ACM-XX-MN-AB-TCP-001 P01



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KEY PLAN



KEY

FEATURE ID TAGS
 (A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)

- GENERAL SURVEY AREAS**
- A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (HIGH QUALITY & VALUE)
- B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (MODERATE QUALITY & VALUE)
- C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (LOW QUALITY & VALUE)
- U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (UNSUITABLE FOR RETENTION)
- ROOT PROTECTION AREAS (RPA)** (AS DEFINED BY BS 5837:2012)
- BLUESKY NATIONAL TREE MAP DATA** (WITH APPROXIMATE RPI'S GENERATED BY AECOM)
- ANCIENT WOODLAND W/5M BUFFER** (NATURAL RESOURCES ENGLAND AND NATURE RESOURCES WALES)
- AREA OF PRIORITY HABITAT** (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
- SITE OF SPECIAL SCIENTIFIC INTEREST** (AREA CLASSIFIED AS AN SSSI)
- CONSERVATION AREA** (AS PER FLINTSHIRE COUNTY COUNCIL)
- TREE PRESERVATION ORDER** (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

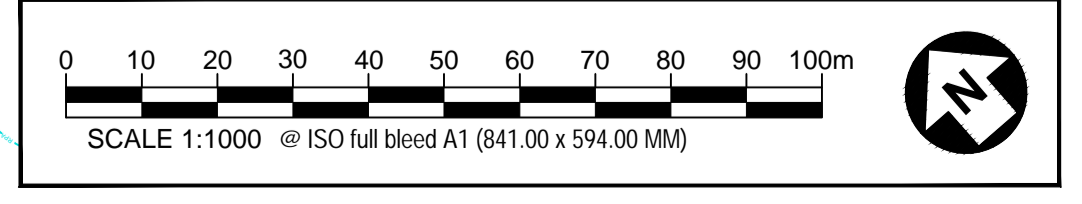
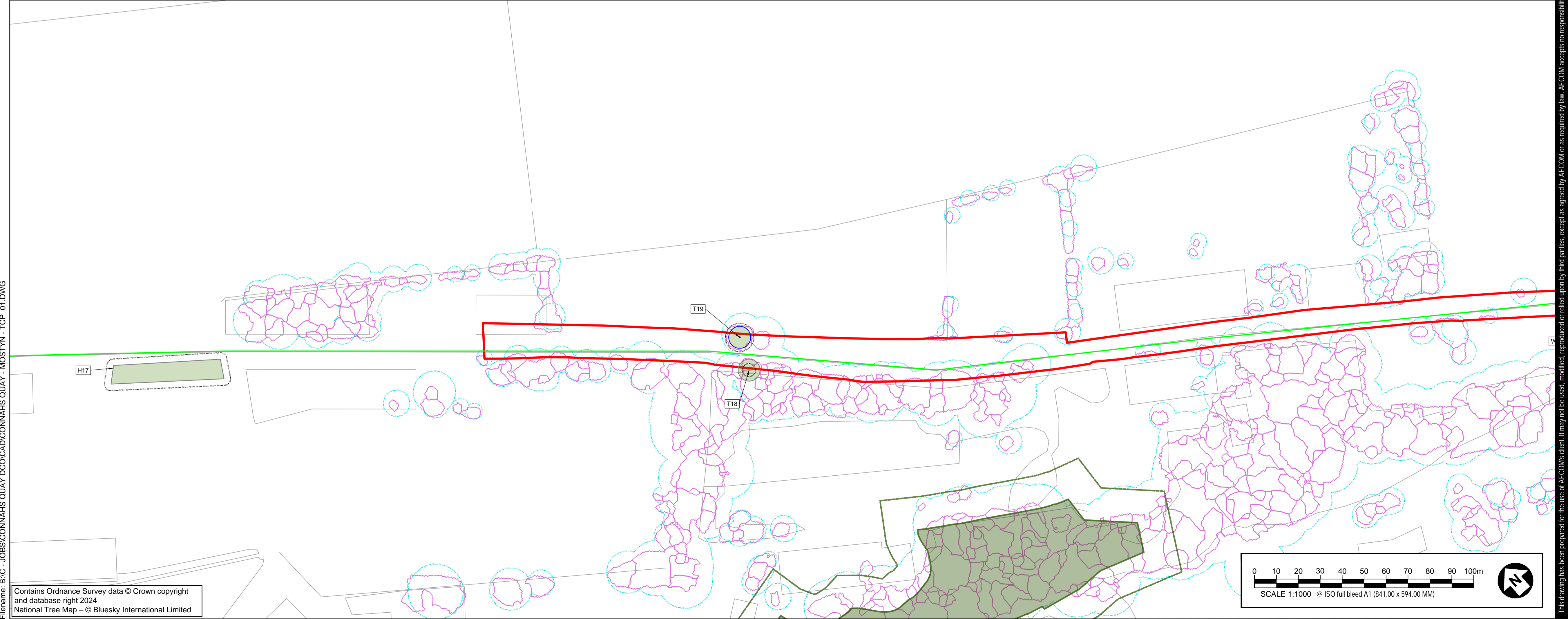
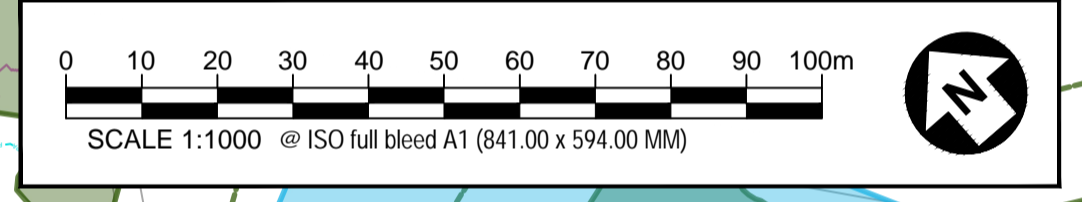
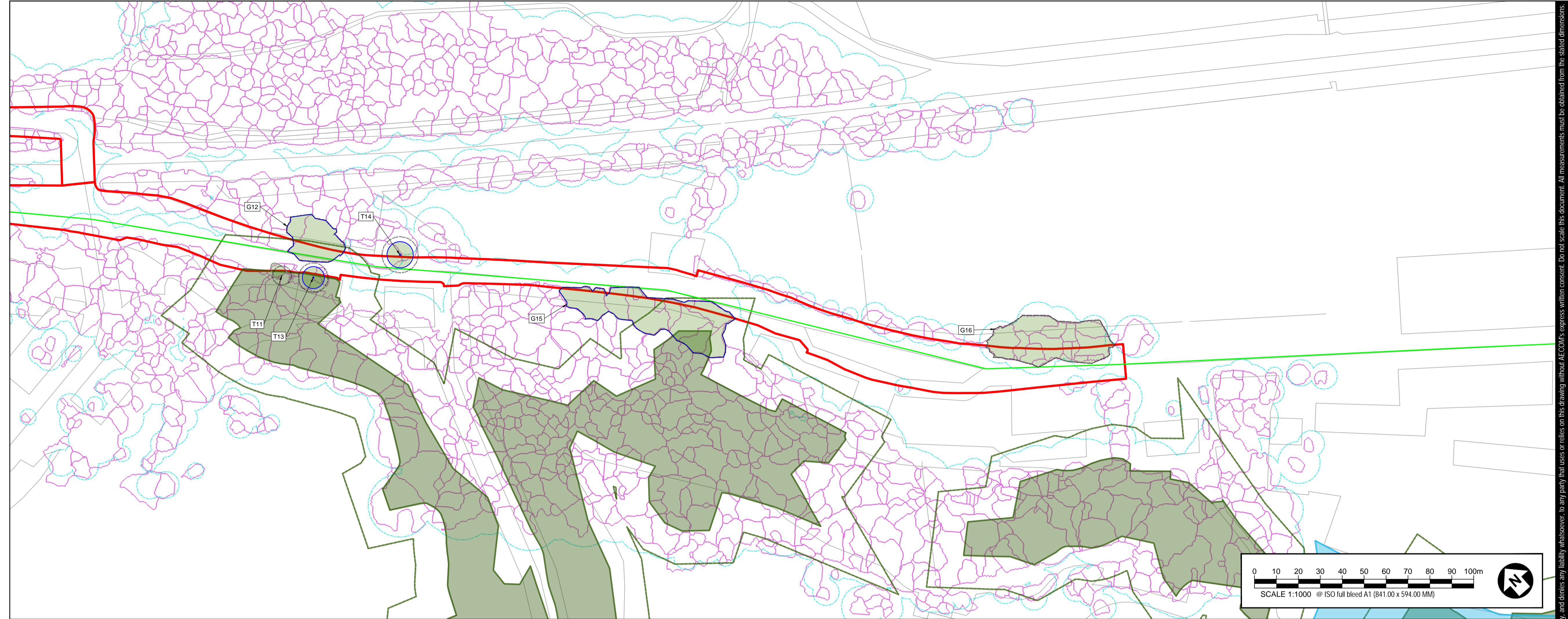
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VR		DATE DESCRIPTION

DRAWING STATUS
ISSUE

PROJECT NUMBER
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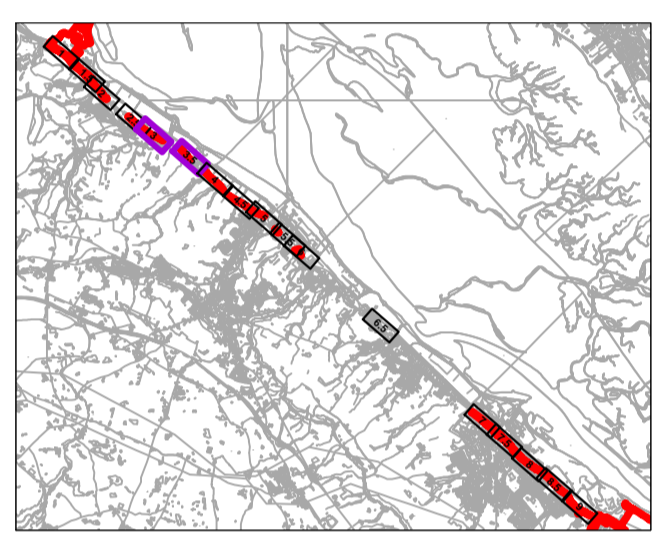
SHEET TITLE
 HIGH LEVEL TREE
 CONSTRAINTS PLAN
 (SHEET 02)

SHEET NUMBER **REV.**



1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
 2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
 3. * INDICATES A TREE / GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY; BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
 4. PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBORETOLOGICAL REPORT
 5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
 6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
 7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPS GENERATED BY AECOM
 8. DRAWING REFERENCES:
 Connahs Quay, NTM Data.dwg
 FieldLocsMap.dwg
 20250711_Designations.dwg

KEY PLAN



KEY

FEATURE ID TAGS
 (A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'W' A HEDGE, 'W' WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)

- A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
- B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
- C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
- U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
- ROOT PROTECTION AREAS (RPA) (AS DEFINED BY BS 5837:2012)
- BLUESKY NATIONAL TREE MAP DATA (WITH APPROXIMATE RPA'S GENERATED BY AECOM)
- ANCIENT WOODLAND W/50M BUFFER (CONTAINS RESOURCES (ENGLAND) AND CULTURAL RESOURCES WALLS)
- AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
- SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
- CONSERVATION AREA (AS PER FLINTSHIRE COUNTY COUNCIL)
- TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		

DRAWING STATUS

ISSUE

PROJECT NUMBER

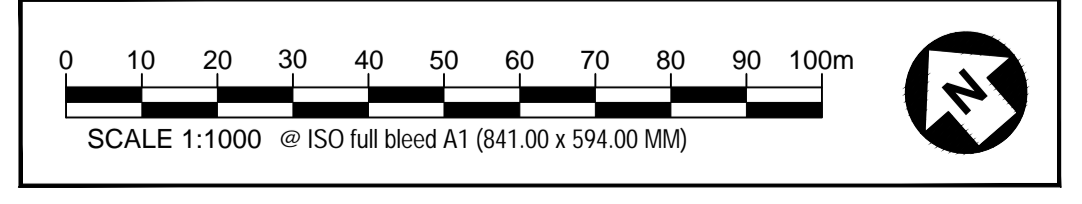
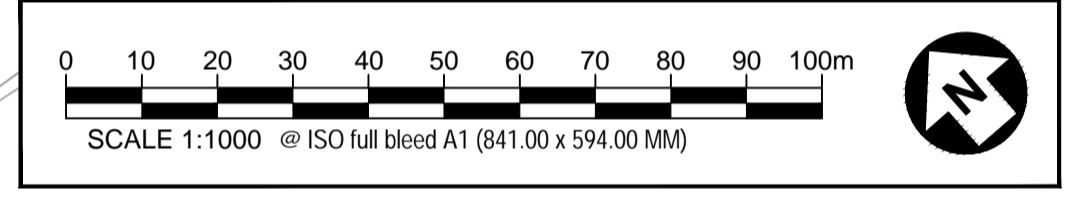
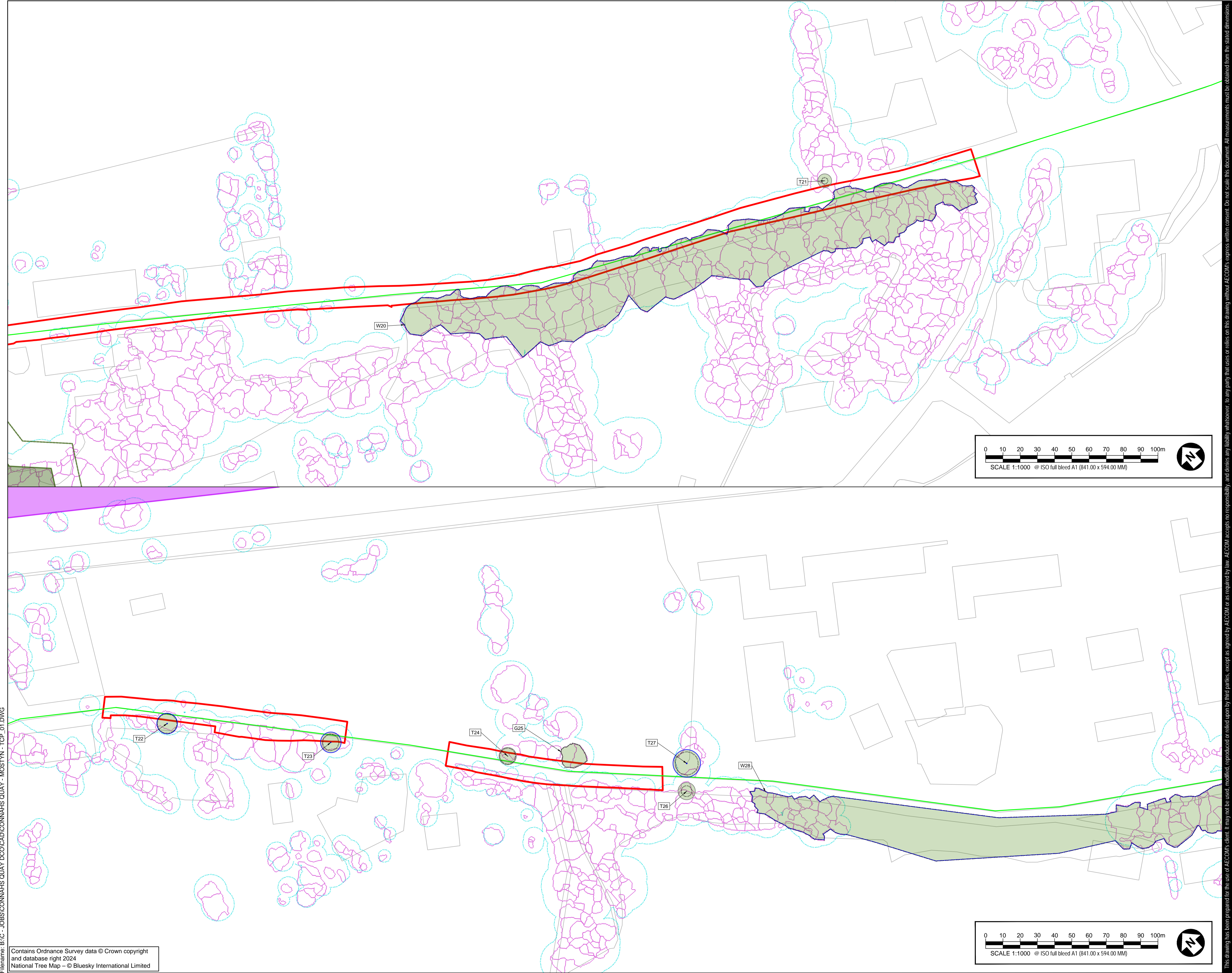
60717119

SHEET TITLE

HIGH LEVEL TREE CONSTRAINTS PLAN (SHEET 03)

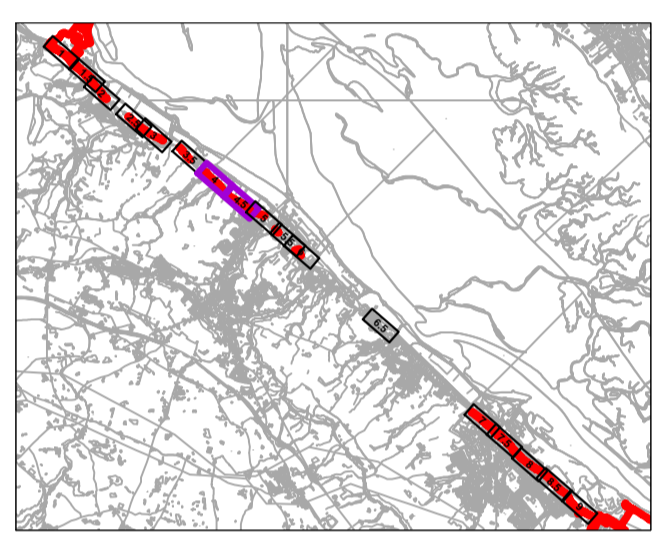
SHEET NUMBER **REV.**

60717119-ACM-XX-MN-AB-TCP-003 P01



1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY; BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
4. PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBORICULTURAL REPORT
5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPAs GENERATED BY AECOM
8. DRAWING REFERENCES:
Connahs Quay, NTM Data.dwg
Floodline.dwg
20250711_Designations.dwg

KEY PLAN



KEY

- FEATURE ID TAGS**
(A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'W' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS**
 - A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (HIGH QUALITY & VALUE)
 - B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (MODERATE QUALITY & VALUE)
 - C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (LOW QUALITY & VALUE)
 - U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND** (UNSUITABLE FOR RETENTION)
 - ROOT PROTECTION AREAS (RPA)** (AS DEFINED BY BS 5837:2012)
 - BLUESKY NATIONAL TREE MAP DATA** (WITH APPROXIMATE RPAs GENERATED BY AECOM)
 - ANCIENT WOODLAND WFSM BUFFER** (NATURAL RESOURCES ENGLAND AND NATURE RESOURCES WALES)
 - AREA OF PRIORITY HABITAT** (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST** (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA** (AS PER WYSHIRE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER** (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION

DRAWING STATUS

ISSUE

PROJECT NUMBER

60717119

SHEET TITLE

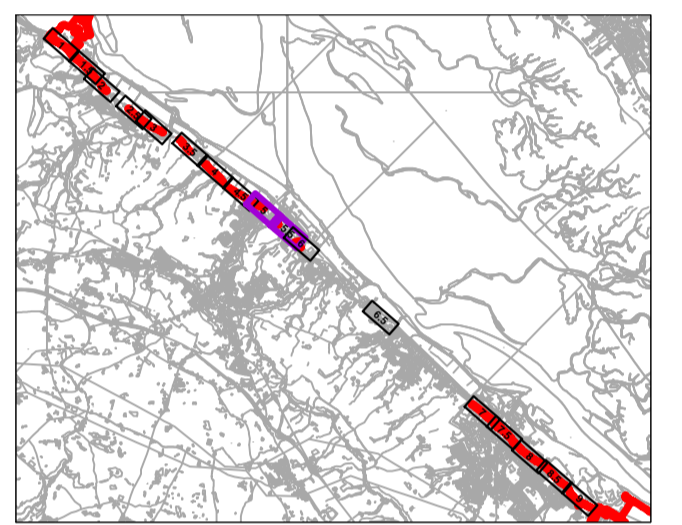
HIGH LEVEL TREE CONSTRAINTS PLAN (SHEET 04)

SHEET NUMBER **REV.**

60717119-ACM-XX-MN-AB-TCP-004 P01

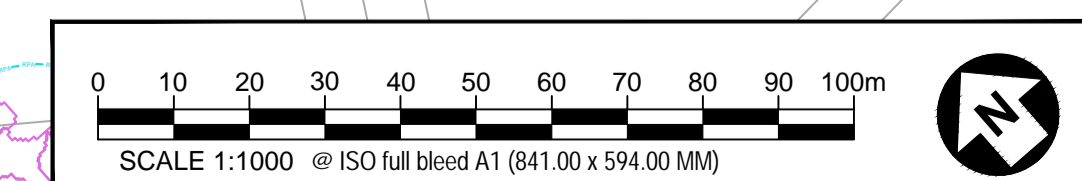
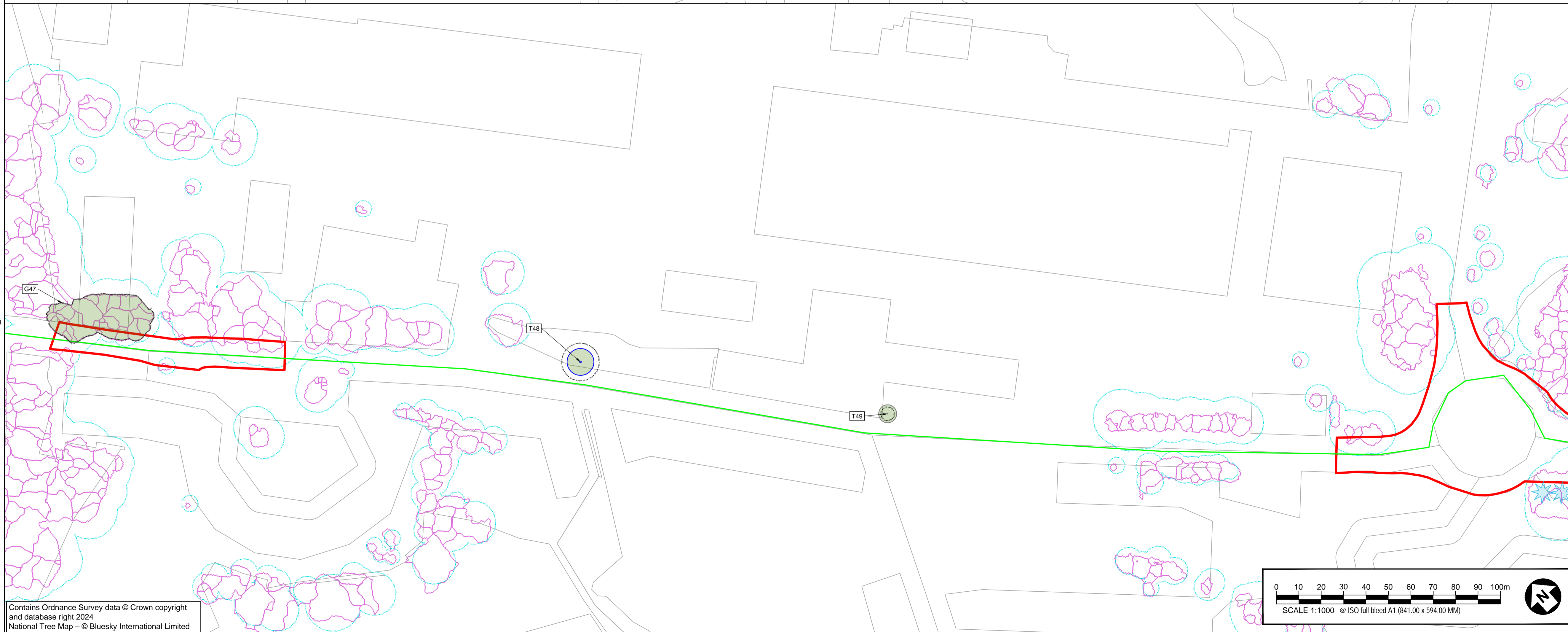
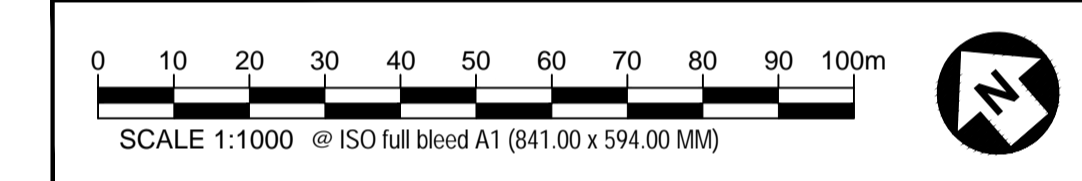
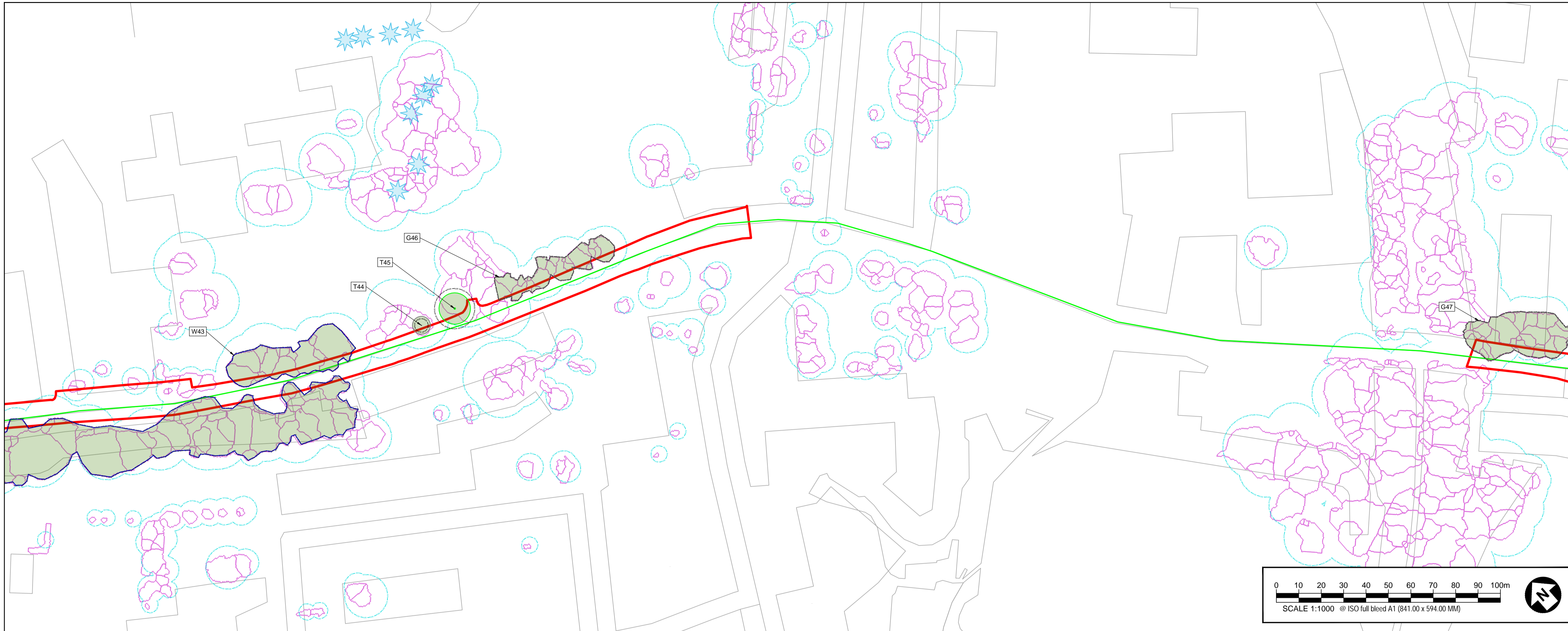


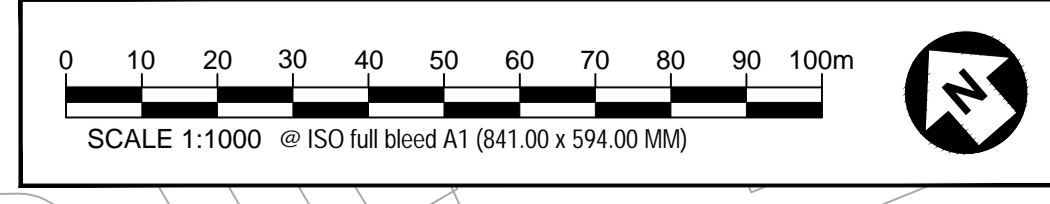
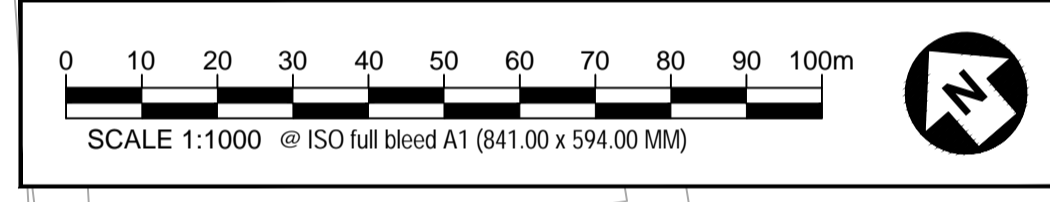
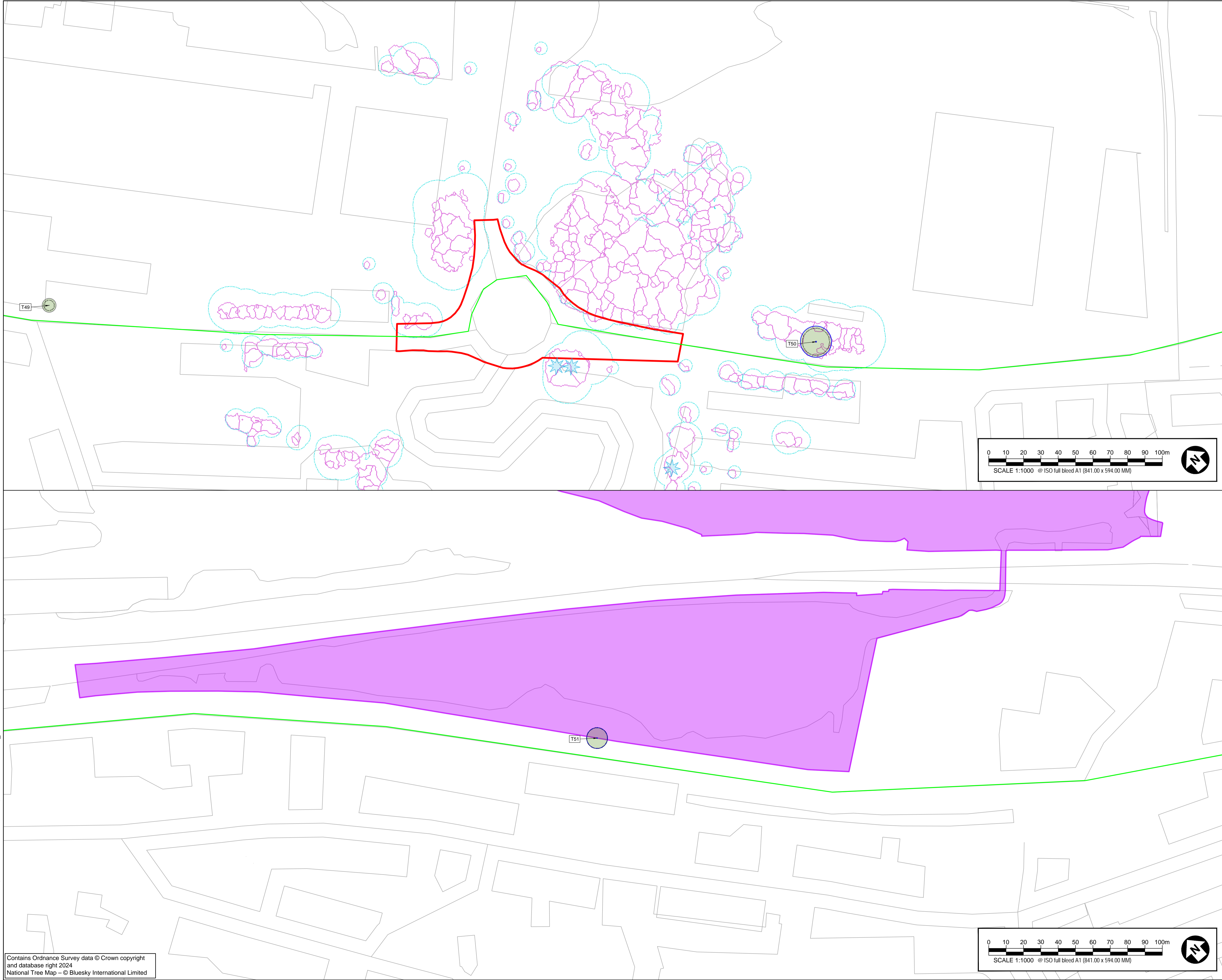
1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE / GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY; BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
4. PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBORICULTURAL REPORT
5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPIs GENERATED BY AECOM
8. DRAWING REFERENCES:
 Connahs Quay NTM Data.dwg
 FreevaleDCMap.dwg
 20250711_Designations.dwg



- FEATURE ID TAGS**
 (A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS**
 - A** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
 - B** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
 - C** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
 - U** CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
 - ROOT PROTECTION AREAS (RPA)** (AS DEFINED BY BS 5837:2012)
 - BLUESKY NATIONAL TREE MAP DATA** (WITH APPROXIMATE RPIs GENERATED BY AECOM)
 - ANCIENT WOODLAND 75M BUFFER** (CONTAINS RESOURCES ENGLAND AND NATURAL RESOURCES WALES)
 - AREA OF PRIORITY HABITAT** (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST** (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA** (AS SET BY SHROPSHIRE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER** (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION





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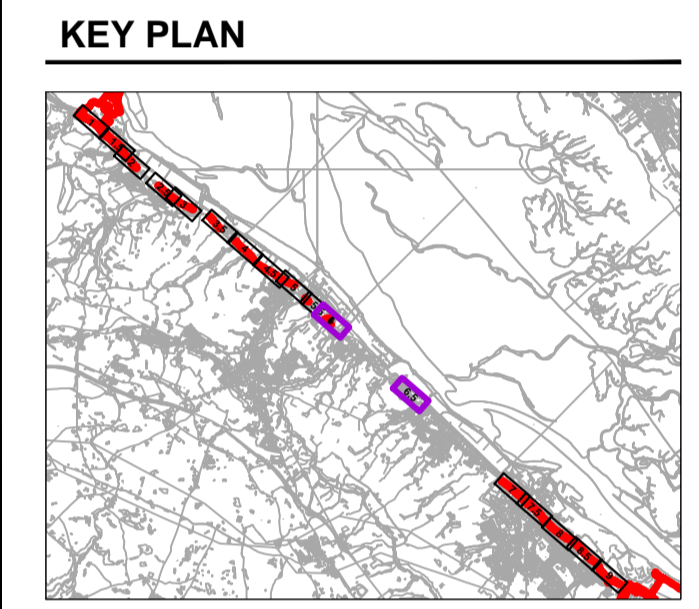
PROJECT
 CONNAHS QUAY DCO
 MOSTYN
 CLIENT

UNIPER

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 AECOM
 Plumer House, Third Floor,
 East Wing, Tallyour Road
 Plymouth, PL6 5DH
 Tel +44(0)1752 676700
 Fax +44(0)870 238 6023
 www.aecom.com

GENERAL NOTES

- TREE CATEGORIES AS DEFINED BY BS 5837:2012
- TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
- '*' INDICATES A TREE / GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY; BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
- PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBOCULTURAL REPORT
- THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR; A MONOCHROME COPY SHOULD NOT BE RELIED UPON
- THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
- CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA; TREE CANOPIES PROVIDED BY BLUESKY WITH WPM'S GENERATED BY AECOM
- DRAWING REFERENCES:
 Connahs Quay, NTM Data.dwg
 Foredge\OSMap.dwg
 20250711_Designations.dwg



KEY

FEATURE ID TAGS	DESCRIPTION
TM	(A PREFIX OR 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
GENERAL SURVEY AREAS	
Green circle	A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
Blue circle	B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
Light green circle	C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
Red circle	U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
White circle with red border	ROOT PROTECTION AREAS (RPA) (AS DEFINED BY BS 5837:2012)
Blue circle with red border	BLUESKY NATIONAL TREE MAP DATA (WITH APPROXIMATE RPA'S GENERATED BY AECOM)
Green shaded area	ANCIENT WOODLAND W/50M BUFFER (CONTAINS RESOURCES (ENGLAND) AND NATURAL RESOURCES W/50M)
Orange shaded area	AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
Purple shaded area	SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
Blue shaded area	CONSERVATION AREA (AS PER FLINTSHIRE COUNTY COUNCIL)
Star icon	TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		

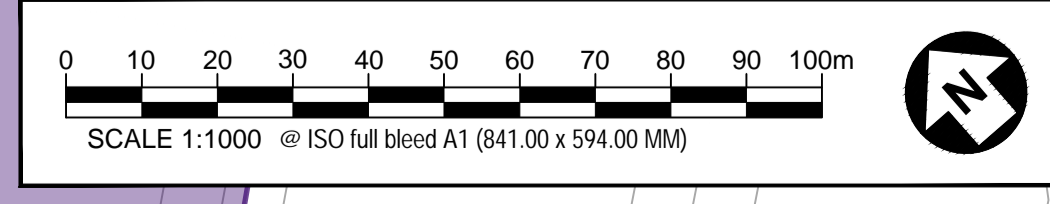
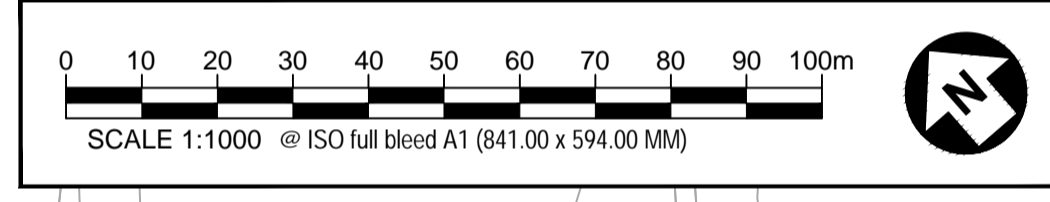
DRAWING STATUS
 ISSUE

PROJECT NUMBER
 60717119

SHEET TITLE
 HIGH LEVEL TREE
 CONSTRAINTS PLAN
 (SHEET 06)

SHEET NUMBER **REV.**
 60717119-ACM-XX-MN-AB-TCP-006 P01

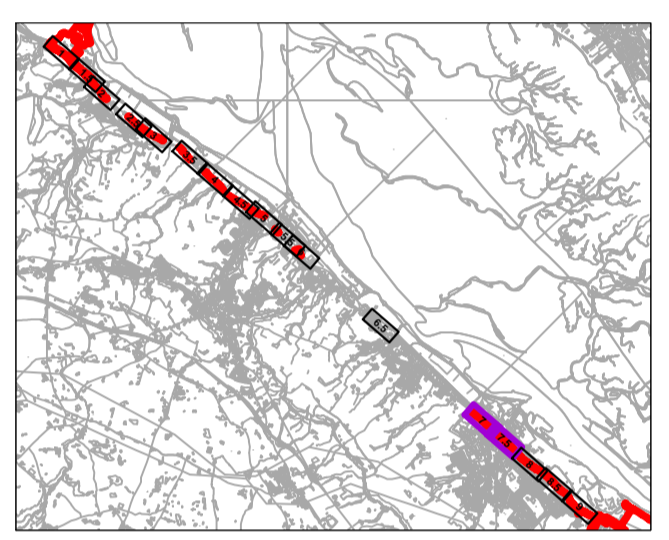
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GENERAL NOTES

1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES; BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE GROUP WHOSE POSITIONS ARE APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY; BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
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6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPAs GENERATED BY AECOM
8. DRAWING REFERENCES:
 Connahs Quay_NTM Data.dwg
 FieldLocsMap.dwg
 20250711_Designations.dwg

KEY PLAN



KEY

- FEATURE ID TAGS**
 (A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS**
- A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
 - B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
 - C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
 - U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITSABLE FOR RETENTION)
- ROOT PROTECTION AREAS (RPA)**
 (AS DEFINED BY BS 5837:2012)
- BLUESKY NATIONAL TREE MAP DATA**
 (WITH APPROXIMATE RPAs GENERATED BY AECOM)
- ANCIENT WOODLAND W/5M BUFFER (ORIGINAL RESOURCES (ENGLAND) AND NATURAL RESOURCES WALES)
 - AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA (AS PER FLINTSHIRE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION

DRAWING STATUS

ISSUE

PROJECT NUMBER

60717119

SHEET TITLE

HIGH LEVEL TREE CONSTRAINTS PLAN (SHEET 07)

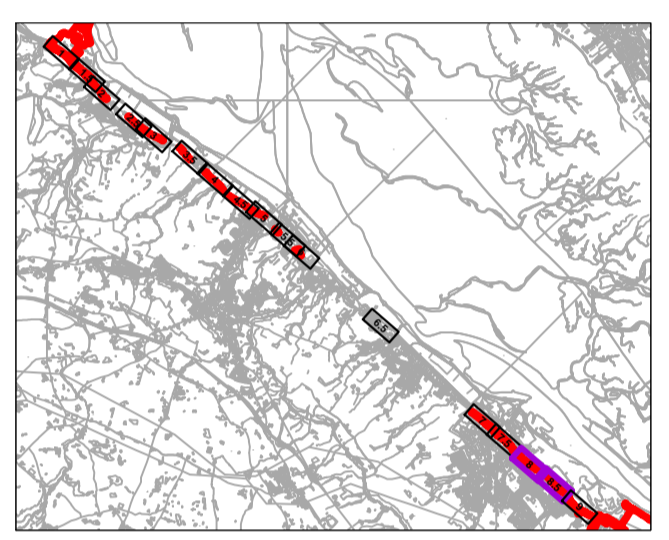
SHEET NUMBER **REV.**

60717119-ACM-XX-MN-AB-TCP-007 P01

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1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES BY BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY, BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
4. PLANS SHOULD BE READ IN CONJUNCTION WITH THE AECOM ARBORICULTURAL REPORT
5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE A548 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPS GENERATED BY AECOM
8. DRAWING REFERENCES:
Connahs Quay, NTM Data.dwg
Floodline/OSMap.dwg
20250711_Designations.dwg

KEY PLAN



KEY

- FEATURE ID TAGS**
(A PREFIX OF 'T' DENOTES A SINGLE TREE, 'G' A GROUP, 'H' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS**
 - A CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (HIGH QUALITY & VALUE)
 - B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
 - C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
 - U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
 - ROOT PROTECTION AREAS (RPA) (AS DEFINED BY BS 5837:2012)
 - BLUESKY NATIONAL TREE MAP DATA (WITH APPROXIMATE RPA'S GENERATED BY AECOM)
 - ANCIENT WOODLAND W/5M BUFFER (CONTAINS RESOURCES ENGLAND AND SCOTLAND RESOURCES W/5M)
 - AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA (AS PER DEVONSHIRE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		DATE DESCRIPTION

DRAWING STATUS

ISSUE

PROJECT NUMBER

60717119

SHEET TITLE

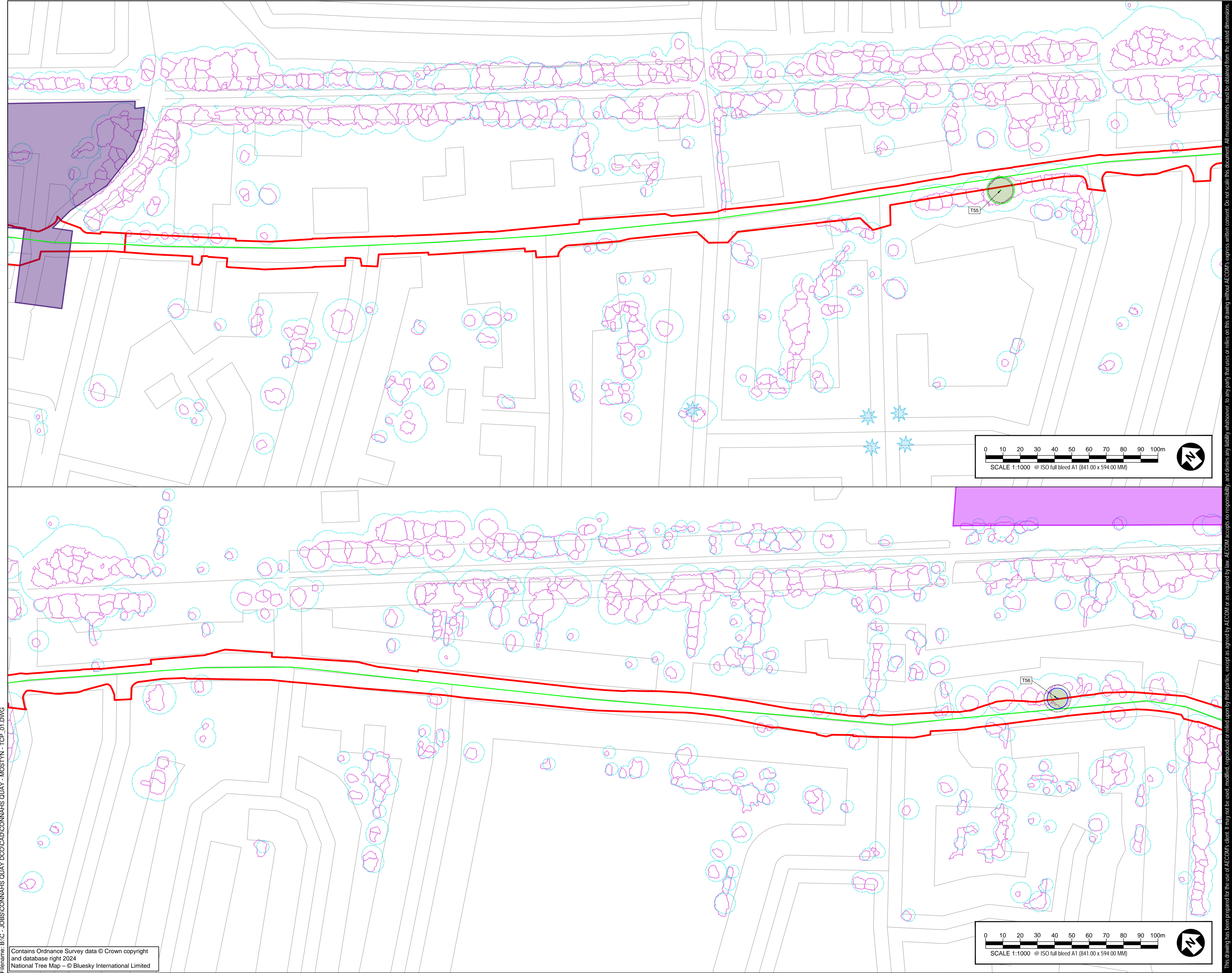
HIGH LEVEL TREE
CONSTRAINTS PLAN
(SHEET 08)

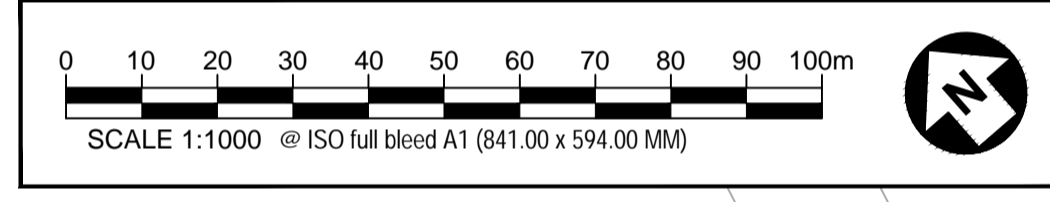
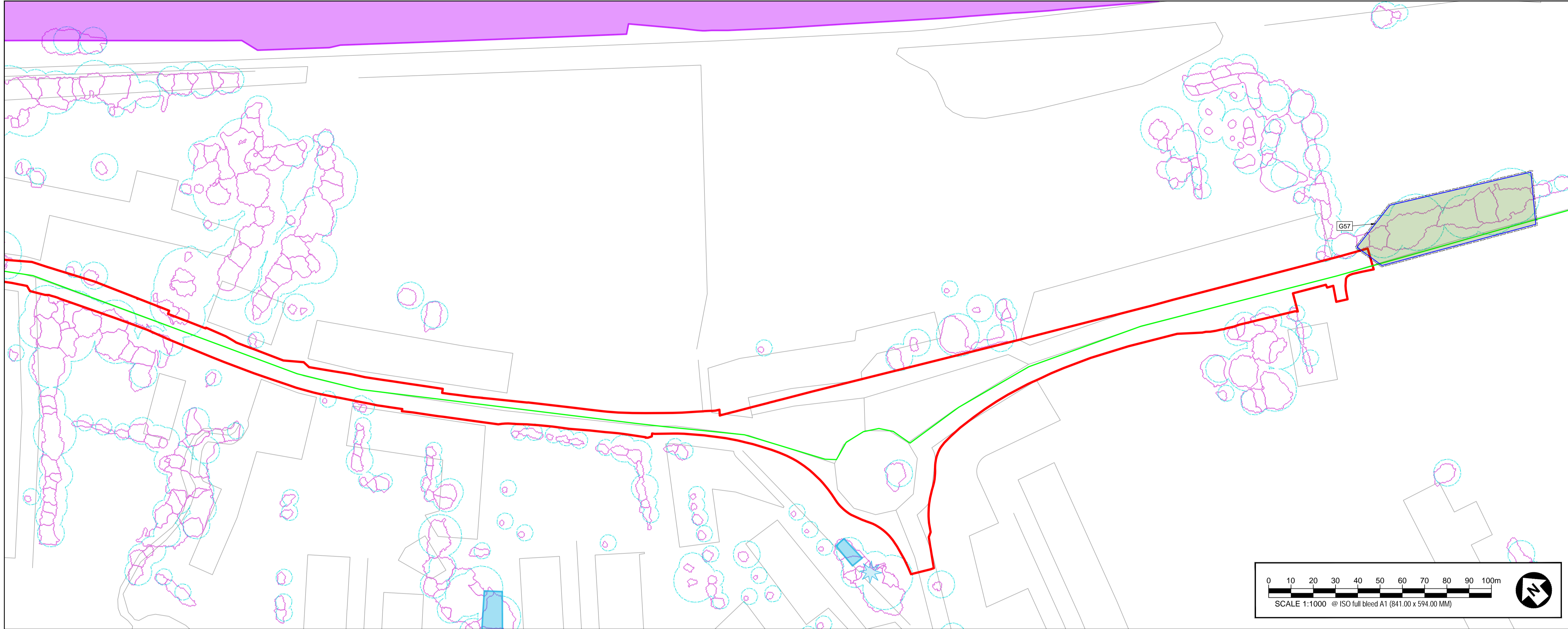
SHEET NUMBER

60717119-ACM-XX-MN-AB-TCP-008

REV.

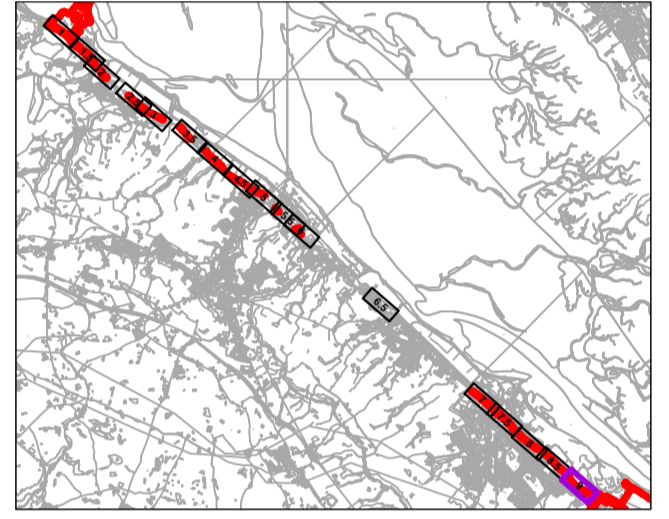
P01





1. TREE CATEGORIES AS DEFINED BY BS 5837:2012
2. TREE LOCATIONS ARE BASED ON AERIAL IMAGES BY BLUESKY INTERNATIONAL LTD NTM DATA AND GPS CO-ORDINATES FROM ON SITE WALKOVER
3. * INDICATES A TREE GROUP WHOSE POSITIONS APPROXIMATE AS BASED UPON AERIAL PHOTOGRAPHY, BLUESKY INTERNATIONAL LTD NTM DATA AND ON SITE OBSERVATIONS
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5. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON
6. THE HIGH LEVEL SURVEY OF POSSIBLE TREE CONSTRAINTS WAS CONDUCTED BETWEEN MOSTYN AND THE MAIN DEVELOPMENT AREA AT CONNAHS QUAY ALONG THE AS48 INCLUDING WITHIN THE SURVEY AREA BOUNDARIES SHOWN AS WELL AS THE CONNECTING AREAS
7. CONTAINS BLUESKY LTD NATIONAL TREE MAP DATA. TREE CANOPIES PROVIDED BY BLUESKY WITH RPS GENERATED BY AECOM
8. DRAWING REFERENCES:
 Connahs Quay, NTM Data.dwg
 FinescaleOSMap.dwg
 20250711_Designations.dwg

KEY PLAN



KEY

- FEATURE ID TAGS**
 (A PREFIX OR '1' DENOTES A SINGLE TREE, '2' A GROUP, 'N' A HEDGE, 'W' A WOODLAND, AND AN ASTERISK SUFFIX '*' MEANS THE FEATURE WAS PLOTTED INDICATIVELY)
- GENERAL SURVEY AREAS
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 - B CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (MODERATE QUALITY & VALUE)
 - C CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (LOW QUALITY & VALUE)
 - U CATEGORY TREE, GROUP, HEDGE, OR WOODLAND (UNSUITABLE FOR RETENTION)
 - ROOT PROTECTION AREAS (RPA) (AS DEFINED BY BS 5837:2012)
 - BLUESKY NATIONAL TREE MAP DATA (WITH APPROXIMATE RPS'S GENERATED BY AECOM)
 - ANCIENT WOODLAND W/50M BUFFER (NATURAL RESOURCES ENGLAND AND NATURAL RESOURCES WALES)
 - AREA OF PRIORITY HABITAT (CLASSIFIED AS AN AREA OF PRIORITY HABITAT)
 - SITE OF SPECIAL SCIENTIFIC INTEREST (AREA CLASSIFIED AS AN SSSI)
 - CONSERVATION AREA (AS PER FLETHURSE COUNTY COUNCIL)
 - TREE PRESERVATION ORDER (AREA COVERED BY A TREE PRESERVATION ORDER (TPO))

ISSUE/REVISION

NO	DATE	DESCRIPTION
P01	11.07.25	FIRST ISSUE
VR		

DRAWING STATUS

ISSUE

PROJECT NUMBER

60717119

SHEET TITLE

HIGH LEVEL TREE CONSTRAINTS PLAN (SHEET 09)

SHEET NUMBER **REV.**

60717119-ACM-XX-MN-AB-TCP-009 P01

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High Level Tree Survey Schedule

Plan Ref. No	Species Common Name (Scientific name)	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (m)				First Significant Branch & direction (m)	Canopy Clearance Height (m)	Physiological Condition	Life Stage	Structural Condition	Observations	Preliminary Management Recommendations (based on CA of 6m x 6m)	Estimated Remaining Contribution (yrs)	Category	Root Protection Area Radius (m)
				N	S	E	W										
G1	Ash (<i>Fraxinus excelsior</i>), Silver Birch (<i>Betula pendula</i>), Sycamore (<i>Acer pseudoplatanus</i>)	12	<150#	3	3	3	3	n/a	0	Good - Fair	SM	Good - Fair	A group of ash, birch and sycamore with minor branches overhanging CA.	Prune back to wall.	10+	C1,2	1.8m
T2	Sycamore (<i>Acer pseudoplatanus</i>)	8	250,250#	6	0.1	4	0.1	5.0/NE	5	Fair	SM	Fair	Sycamore on top of 2m retaining wall. Contact wounds at 5m over CA. Removal of limb would result in loss of tree.	Fell.	10+	C1	4.24m
T3	Sycamore (<i>Acer pseudoplatanus</i>)	8	160#	6	0.1	2	0.1	5.0/NE	5	Fair	SM	Fair	Sycamore on top of retaining wall, leaning significantly out over the road estimated 4 m clearance over kerbline. Low canopy over road.	Fell	10+	C1	1.92m
T4	Sycamore (<i>Acer pseudoplatanus</i>)	8	250,150,150#	6	0.1	6	0.1	5.0/NE	5	Fair	SM	Fair	Sycamore on top of retaining wall. Multi-stemmed from base. One-sided over road with canopy clearance circa 5m. Additionally, one stem likely within CA.	Remove one stem and crown lift canopy to 6m.	10+	C1	3.93m
T5	Sycamore (<i>Acer pseudoplatanus</i>)	4	160,160#	6	0.1	2	0.1	5.0/NE	5	Fair	SM	Fair	Sycamore with 2 small stems both growing over the road estimated at around 4.5/5m clearance over the centre of the road.	Fell two stems over the road.	10+	C1	2.72m
T6	Sycamore (<i>Acer pseudoplatanus</i>)	12	350,250#	5	5	5	5	5.0/NE	5	Good	SM	Good	Twin stem sycamore set back from top of retaining wall, one primary limb extending over road within CA.	Prune primary limb back to main stem.	10+	C1	5.16m
T7	Sycamore (<i>Acer pseudoplatanus</i>)	14	350,350,250#	7	7	7	7	5.0/NE	5	Good	EM	Good	Multi-stemmed sycamore 4-5 m back from retaining wall. Low limb overhanging CA.	Minor crown reduction back to wall alignment.	20+	B1	7.57m
T8	European Larch (<i>Larix decidua</i>)	14	450#	6	6	6	6	5.0/NE	1	Good	EM	Good	Larch set back from retaining wall approximately 2 m above road level. One limb extending over CA estimated at circa 5.5 m.	Crown lift by removing one limb.	20+	B1	5.4m
T9	Sycamore (<i>Acer pseudoplatanus</i>)	14	600#	7	7	7	7	5.0/NE	5	Good	EM	Good	Sycamore with large single stem 1.4 m above ground level behind retaining wall. Low canopy within CA.	Crown lift tertiary limbs only.	20+	B1	7.2m
T10	Sycamore (<i>Acer pseudoplatanus</i>)	9	280,280,280#	5	5	5	5	5.0/NE	3	Good	EM	Good	Multi stem sycamore on top of retaining wall. Tertiary branches within CA.	Crown lift as necessary.	20+	B1	5.82m
T11	Crack Willow (<i>Salix fragilis</i>)	8	360#	7	0.1	3	3		1	Fair	EM	Fair	Single stemmed crack willow with Ivy. Fairly one-sided out towards road.	Crown lift tertiary branches to provide 6m clearance.	10+	C1	4.32m
G12	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>)	12	<300#	5	5	5	5	n/a	2	Good - Fair	SM-EM	Good - Fair	Woodland group, consisting of mostly ash and sycamore, set back behind footpath. A number of trees with minor overhang into CA.	Prune back to kerbline.	20+	B1,2	3.6m
T13	Sycamore (<i>Acer pseudoplatanus</i>)	9	260,350,350#	5	5	5	5	5.0/NE	5	Good	EM	Good	Sycamore. Multi stemmed tree stem below road level. Low canopy in CA.	Crown lift tertiary branches to 6m within CA.	20+	B1	6.71m
T14	Sycamore (<i>Acer pseudoplatanus</i>)	14	260,260,260#	6	6	6	6	4.0/W	3	Good	EM	Good	Multi-stemmed sycamore around street lamp. Low canopy with minor contact wounds on minor limbs out over the road.	Crown lift and crown reduce to clear CA.	20+	B1	8.23m

High Level Tree Survey Schedule

Plan Ref. No	Species Common Name (Scientific name)	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (m)				First Significant Branch & direction (m)	Canopy Clearance Height (m)	Physiological Condition	Life Stage	Structural Condition	Observations	Preliminary Management Recommendations (based on CA of 6m x 6m)	Estimated Remaining Contribution (yrs)	Category	Root Protection Area Radius (m)
				N	S	E	W										
G15	Ash (<i>Fraxinus excelsior</i>), Silver Birch (<i>Betula pendula</i>), Sycamore (<i>Acer pseudoplatanus</i>), Hazel (<i>Corylus avellana</i>)	16	<350#	5	5	5	5	n/a	0	Good - Fair	SM-EM	Good - Fair	Mixed deciduous woodland group on slope away from road. Minor overhang over highway. Slightly more overhang over the pavement alignment but can be pruned back if necessary without detriment to the back of the kerfline.	Crown lift/ crown reduce to clear CA.	20+	B1,2	4.2m
G16	Crack Willow (<i>Salix fragilis</i>)	8	300	6	6	6	6	n/a	0	Good - Fair	SM-EM	Good - Fair	Multi stemmed willow with numerous limbs extending out over the CA.	Crown lift or reduce tertiary branches to clear CA.	10+	C1,2	3.6m
H17	Leyland Cypress (<i>X Cupressocyparis leylandii</i>)	10	<500#	3	3	3	3	n/a	3	Good	EM-M	Good - Fair	Maintained Leylandii hedge with foliage extending over footpath. Pruning back over pavement would disfigure hedge but could be carried out if necessary back to highway boundary line.	Crown reduce within highway boundary as necessary to clear necessary CA.	10+	C1,2	6m
T18	Ash (<i>Fraxinus excelsior</i>)	10	250#	5	5	5	5		2	Fair	SM	Fair	Ash with deadwood over highway. Ivy on stems and signs of ADB.	Remove deadwood and prune to provide clearance to CA. Inform owner to inspect due to ABD.	10+	C1,2	3m
T19	Sycamore (<i>Acer pseudoplatanus</i>)	10	300,260,260,2	5	5	5	5		0	Good - Fair	EM	Good - Fair	Sycamore within grass verge. Small branches extending into the CA.	Crown reduce to clear CA.	20+	B1,2	6.49m
W20	Sycamore (<i>Acer pseudoplatanus</i>), Ash (<i>Fraxinus excelsior</i>)	16	<450#	6	6	6	6	n/a	2	Good - Fair	SM-EM	Good - Fair	Woodland group consisting mainly of sycamore and ash. Minor overhang over CA.	Prune back tertiary branches only to clear CA.	20+	B1,2	5.4m
T21	Elm (<i>Ulmus sp</i>)	6	150#	4	4	4	4		1	Good - Fair	SM	Good - Fair	Elm in neighbouring business park. Tertiary limbs overhanging the road.	Remove tertiary limbs within CA to clear CA.	10+	C1,2	1.8m
T22	Sycamore (<i>Acer pseudoplatanus</i>)	14	260,260,300#	6	6	6	6		4	Good	EM	Good	Multi stem sycamore from steep bank behind hedge with limbs out over CA.	Crown lift to clear CA.	20+	B1,2	5.69m
T23	Sycamore (<i>Acer pseudoplatanus</i>)	12	390	6	6	6	6		2	Good	EM	Good	Single stem sycamore, forks at 1.5m. Two low limbs over CA.	Remove two low limbs within CA.	20+	B1,2	4.68m
T24	Ash (<i>Fraxinus excelsior</i>)	9	260,180,220	5	5	5	5		1	Good	EM	Good	Ash, multi stemmed from base likely within highway land. Limbs rubbing on street lamp, minor limbs over footpath and carriageway within CA.	Crown reduce to clear CA.	10+	C1,2	4.62m
G25	Ash (<i>Fraxinus excelsior</i>)	10	<500#	6	6	6	6	n/a	0.5	Good - Fair	SM-EM	Good - Fair	Ash with ivy growing behind street lamp with one limb around street lamp and extending into CA.	Cut back to clear CA.	10+	C1,2	6m
T26	Ash (<i>Fraxinus excelsior</i>)	8	260#	5	5	5	5		4	Good	SM	Fair	Ash stem leaning out towards road beneath street lamp.	Crown reduce to clear CA.	10+	C1,2	3.12m
T27	Sycamore (<i>Acer pseudoplatanus</i>)	10	350,250,250,2	8	8	8	8		2	Good - Fair	EM	Good - Fair	Sycamore with secondary and tertiary branches extending out into the CA.	Crown reduce to clear CA.	20+	B1,2	6.68m
W28	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>), Elm (<i>Ulmus sp</i>)	20	<500#	6	6	6	6	n/a	1	Good - Fair	EM-M	Good - Fair	Set back from road behind maintained hedge. Some minor branches extending into highway.	Crown reduce to clear CA.	20+	B1,2	6m
T29	Sycamore (<i>Acer pseudoplatanus</i>)	18	1000#	8	8	8	8	4.0/S	1	Good	M	Good	Mature sycamore beyond Highway land with secondary limbs extending out into likely CA.	Crown reduce to clear CA.	40+	A1,2	12m
W30	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>), Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>)	16	<400#	4	4	4	4	n/a	0	Good - Fair	EM-M	Good - Fair	Some minor limbs from mixed deciduous woodland overhanging the highway.	Crown lift to 6m to clear CA.	20+	B1,2	4.8m
T31	Ash (<i>Fraxinus excelsior</i>)	14	500#	6	6	6	6		4	Good	EM	Good - Fair	Ash with minor branches potentially encroaching into highway CA.	Crown reduce/lift to clear CA.	20+	B1,2	6m

High Level Tree Survey Schedule

Plan Ref. No	Species Common Name (Scientific name)	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (m)				First Significant Branch & direction (m)	Canopy Clearance Height (m)	Physiological Condition	Life Stage	Structural Condition	Observations	Preliminary Management Recommendations (based on CA of 6m x 6m)	Estimated Remaining Contribution (yrs)	Category	Root Protection Area Radius (m)
				N	S	E	W										
T32	Sycamore (<i>Acer pseudoplatanus</i>)	14	500#	6	6	6	6	5.0/S	4	Good	EM	Good - Fair	Sycamore with small branches likely within CA.	Crown reduce/lift to clear CA.	20+	B1,2	6m
T33	Sycamore (<i>Acer pseudoplatanus</i>)	14	500#	6	6	6	6	5.0/S	4	Good	EM	Good - Fair	Sycamore with numerous small branches extending out towards the road.	Crown reduce/lift to clear CA.	20+	B1,2	6m
G34	Ash (<i>Fraxinus excelsior</i>)	12	<250#	4	4	4	4	n/a	4	Good - Fair	SM	Good - Fair	Ash with foliage very close to road edge. Clipped back to typical height but small branches above this extending into the CA.	Crown reduce/lift to clear CA.	10+	C1,2	3m
W35	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>)	18	<500#	6	6	6	6	n/a	1	Good - Fair	EM-M	Good - Fair	Deciduous woodland on sloping land up from road. Some trees slightly leaning towards the highway and secondary limbs over-hanging the road.	Crown reduce/lift to clear CA.	20+	B1,2	6m
T36	Ash (<i>Fraxinus excelsior</i>)	10	180#	4	0.1	4	4		5	Good	SM	Poor	Ash with one spindly single stem leaning over the CA. Contact wound at about 4.5-5 m cutting into stem, not worthy of retention.	Fell.	10+	C1,2	2.16m
T37	Sycamore (<i>Acer pseudoplatanus</i>)	18	500,350#	8	8	8	8		4	Good	EM	Good - Fair	Sycamore with small primary limbs over CA.	Crown reduce/lift to clear CA.	20+	B1,2	7.32m
T38	Elm (<i>Ulmus sp</i>)	16	300#	4	4	4	4		4	Dead	EM	Dead	Dead tree, likely elm, supporting the limb of adjacent ash. Deadwood within clearance area.	Fell (Asap).	<10	U1,2	3.6m
T39	Ash (<i>Fraxinus excelsior</i>)	16	350#	0.1	0.1	0.1	10		8	Fair	EM	Poor	Ash. Stem appears to have moved but covered in ivy and no access so not fully inspected. One primary limb snapped out leaving large torn wound. Remaining limb supported through main fork of dead elm. Appears to have hazard beam split with canopy over the road. Precarious over the highway. Should be felled on safety grounds.	Fell (Asap).	<10	U1,2	4.2m
T40	Sycamore (<i>Acer pseudoplatanus</i>)	16	250,350#	8	8	8	8		4	Good	EM	Good - Fair	Sycamore with one primary limb over the road potentially within CA. Small diameter, less than 100mm.	Remove limb to clear CA.	20+	B1,2	5.16m
T41	Ash (<i>Fraxinus excelsior</i>)	16	600,500#	7	7	7	7		4	Fair	M	Fair	Ash, twin stemmed from base. No access ivy into crown. Low primary limb over highway small tertiary limbs also over clearance area.	Crown lift over CA. Likely remove first primary limb over highway back to main stem and some tertiary branches (Asap)	20+	B1,2	9.37m
W42	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>)	18	<500#	6	6	6	6	n/a	1	Good - Fair	EM-M	Good - Fair	Woodland with foliage close to highway edge.	Pruning of minor limbs only to achieve 6m CA.	20+	B1,2	6m
W43	Ash (<i>Fraxinus excelsior</i>), Beech (<i>Fagus sylvatica</i>), Sycamore (<i>Acer pseudoplatanus</i>)	18	<500#	6	6	6	6	n/a	2	Good - Fair	EM-M	Good - Fair	Trees along edge of field with minor branches overhanging CA.	Crown lift to clear CA.	20+	B1,2	6m
T44	Ash (<i>Fraxinus excelsior</i>)	10	250#	4	4	4	4		2	Fair	SM	Fair	Growing in field and leaning slightly towards road. Crown lifted in past but likely small limbs within CA.	Crown lift to clear CA.	10+	C1,2	3m

High Level Tree Survey Schedule

Plan Ref. No	Species Common Name (Scientific name)	Estimated Height (m)	Stem Diameter (mm)	Canopy Spread (m)				First Significant Branch & direction (m)	Canopy Clearance Height (m)	Physiological Condition	Life Stage	Structural Condition	Observations	Preliminary Management Recommendations (based on CA of 6m x 6m)	Estimated Remaining Contribution (yrs)	Category	Root Protection Area Radius (m)
				N	S	E	W										
T45	Horse Chestnut (<i>Aesculus hippocastanum</i>)	18	750#	7	7	7	7		4	Good	M	Good	Horse chestnut with canopy extending out over road.	Crown reduce/lift to clear CA.	40+	A1,2	9m
G46	Ash (<i>Fraxinus excelsior</i>)	6	<150#	2	2	2	2	n/a	1	Good - Fair	Y	Good - Fair	Ash with minor overhanging branches, some with contact wounds.	Crown lift/reduce to provide 6m CA.	10+	C1,2	1.8m
G47	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>)	12	<250#	6	6	6	6	n/a	2	Good - Fair	SM	Good - Fair	Multi stemmed ash and sycamore in informal space covered in Ivy. One stem circa 180mm diameter leaning out over the highway. .	Fell leaning stem and crown lift sycamore to provide 6m CA	10+	C1,2	3m
T48	Sycamore (<i>Acer pseudoplatanus</i>)	18	350,350,250,350#	6	6	6	6		3	Good	M	Good	Multi stem from base with Ivy into crown. Small branches extending out over the highway although widened highway at this point. Pruning likely not necessary.		20+	B1,2	8.38m
T49	Ash (<i>Fraxinus excelsior</i>)	9	250#	4	4	4	4		3	Good	SM	Fair	Ash stem covered in ivy growing out towards the road. Minor branches in CA. Crown lift/reduce to provide 6m CA.	Crown lift/reduce to provide 6m CA	10+	C1,2	3m
T50	Hybrid black poplar (<i>Populus x canadensis</i>)	20	650#	9	9	9	9	4.0/S	0	Good	EM	Good - Fair	Large poplar with secondary limbs beyond lamp post (No. 400) into CA.	Crown lift / crown reduce to provide 6m CA.	20+	B1,2	7.8m
T51	Willow (<i>Salix sp</i>)	12	500#	6	6	6	6		0	Good	EM	Good	Willow with canopy extending into road.	Crown reduce/lift to clear CA.	20+	B1,2	6m
T52	London plane (<i>Platanus x acerifolia</i>)	20	750#	9	9	9	9		2	Good	M	Good	Large, mature London plane within central reservation. Canopy overhanging eastern carriageway.	Crown reduce back to kerblines to provide CA.	40+	A1,2	9m
T53	London plane (<i>Platanus x acerifolia</i>)	20	750#	9	9	9	9		2	Good	M	Good	London plane with minor tertiary limbs over the eastbound carriageway.	Crown reduce to clear CA.	40+	A1,2	9m
T54	Crack Willow (<i>Salix fragilis</i>)	12	350,350#	5	5	5	5		2	Good	EM	Good - Fair	Willow with two primary limbs extending towards the road. Crown reduce to kerblines to achieve CA.	Crown reduce to kerblines to achieve CA.	20+	B1,2	5.94m
T55	London plane (<i>Platanus x acerifolia</i>)	16	600#	8	8	8	8	6.0/W	3	Good	EM	Good	London plane with tertiary branches over carriageway.	Crown lift to 6m over highway to provide CA.	40+	A1,2	7.2m
T56	Beech (<i>Fagus sylvatica</i>)	12	650#	6	6	6	6		1	Good	M	Good - Fair	Beech with canopy towards road. Potentially secondary limbs over highway CA, to be confirmed. If ALL to overhang kerb pruning will be required. Crown lift/ reduce to provide necessary CA.	Crown lift/ reduce to provide necessary CA.	20+	B1,2	7.8m
G57	Ash (<i>Fraxinus excelsior</i>), Sycamore (<i>Acer pseudoplatanus</i>)	9	550	6	6	6	6	n/a	3	Good	SM	Good	A group of ash and sycamore mostly behind kerblines but some tips of tertiary branches extending into CA. Crown reduce to provide necessary CA.	Crown reduce to provide necessary CA.	20+	B1,2	6.6m

