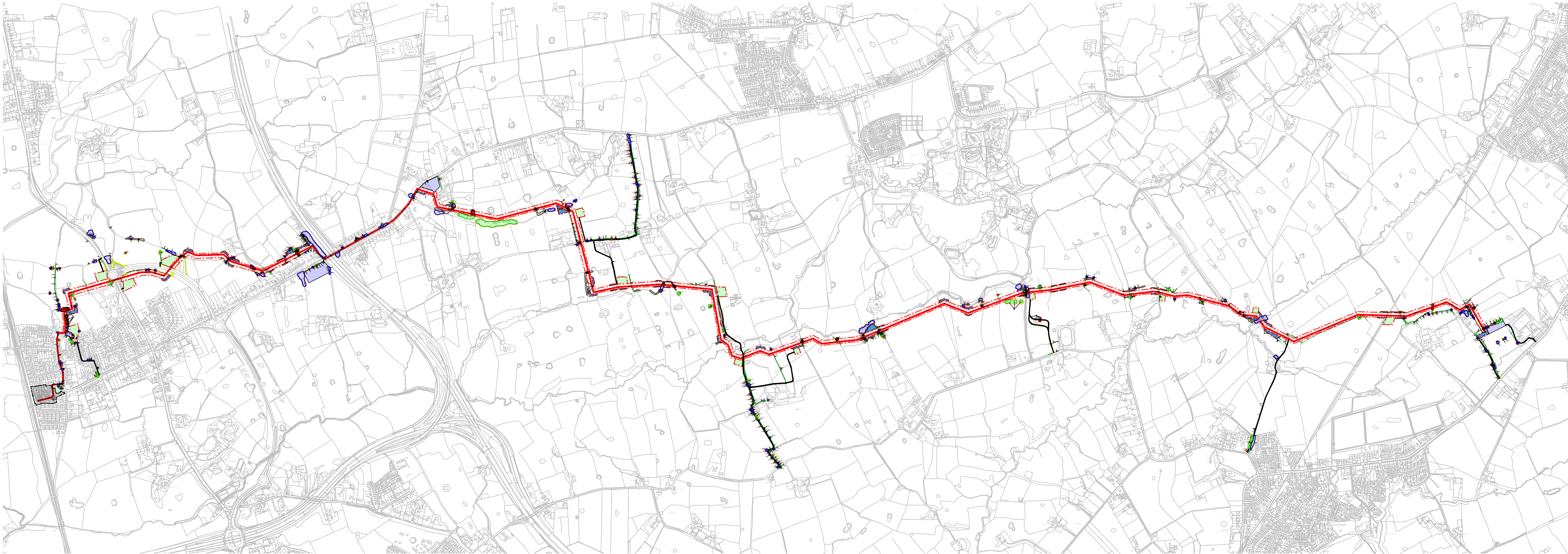




KEY
(This drawing must be reproduced in colour)

T1/G1 Trees

H1 Hedgerow

Root Protection Area (RPA)

Tree Preservation Order

Approximate Location of Planted Whips and Saplings

Pipeline Route

Access Routes

Compounds and Working Areas

Trees and hedgerow to be retained and protected

Category A
(High quality)

Category B
(Moderate quality)

Category C
(Low quality)

Category U
(May be retained for habitat value)

Hedgerow
(Not categorised)

Retained Planted Whips and Saplings

Proposed tree and hedgerow works

Trees to be removed
(Canopy outline denotes tree quality category)

Hedgerow to be removed

Planted Whips and Saplings to be removed

Trees to be crown lifted to 5m
(Canopy outline denotes tree quality category)

NOTES:
This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).
No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.
Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data (Appendix A).
Trees between Douglas and the M6 motorway are protected by TPO10010001. A schedule of features (the First Schedule of the Order) is available for the TPO, but as definitive mapping is required within the Tree Drawing and some mapping materials are not available, trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

Table 2. Tree Works 'Effects': Removed Canopy Areas (ha), Feature Numbers and BS5837 Quality Categories

	Category A		Category B		Category C		Category U		Not Categorised	
	No. Features	Area (ha)	No. Features	Area (ha)	No. Features	Area (ha)	No. Features	Area (ha)	No. Features	Length (m)
Trees	7	0.1157	121	0.1316	87	0.0210	15	0.0278		
Groups	1	0.0646	42	0.3346	47	0.2361	1	0.0000		
Woodlands	0	0	0	0	0	0	0	0		
Hedges									48	1369
TOTAL	8	0.1803	163	0.4662	134	0.2571	16	0.0278		
% of existing		12.21%		13.9600		20.5400		33.94%		14.91%



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A	Updated Working Areas and New Table	HEE	RMG	03.12.20
Rev	Description	Drawn	Approved	Date

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Project

Broughton WTW to White Bull WTW
Raw Water Main

Title

Drawing 3: Tree Works Site Overview

Drawing Number

D8462.021

Scale

1:13,000 @ A1

Date

13/11/2020

Drawn

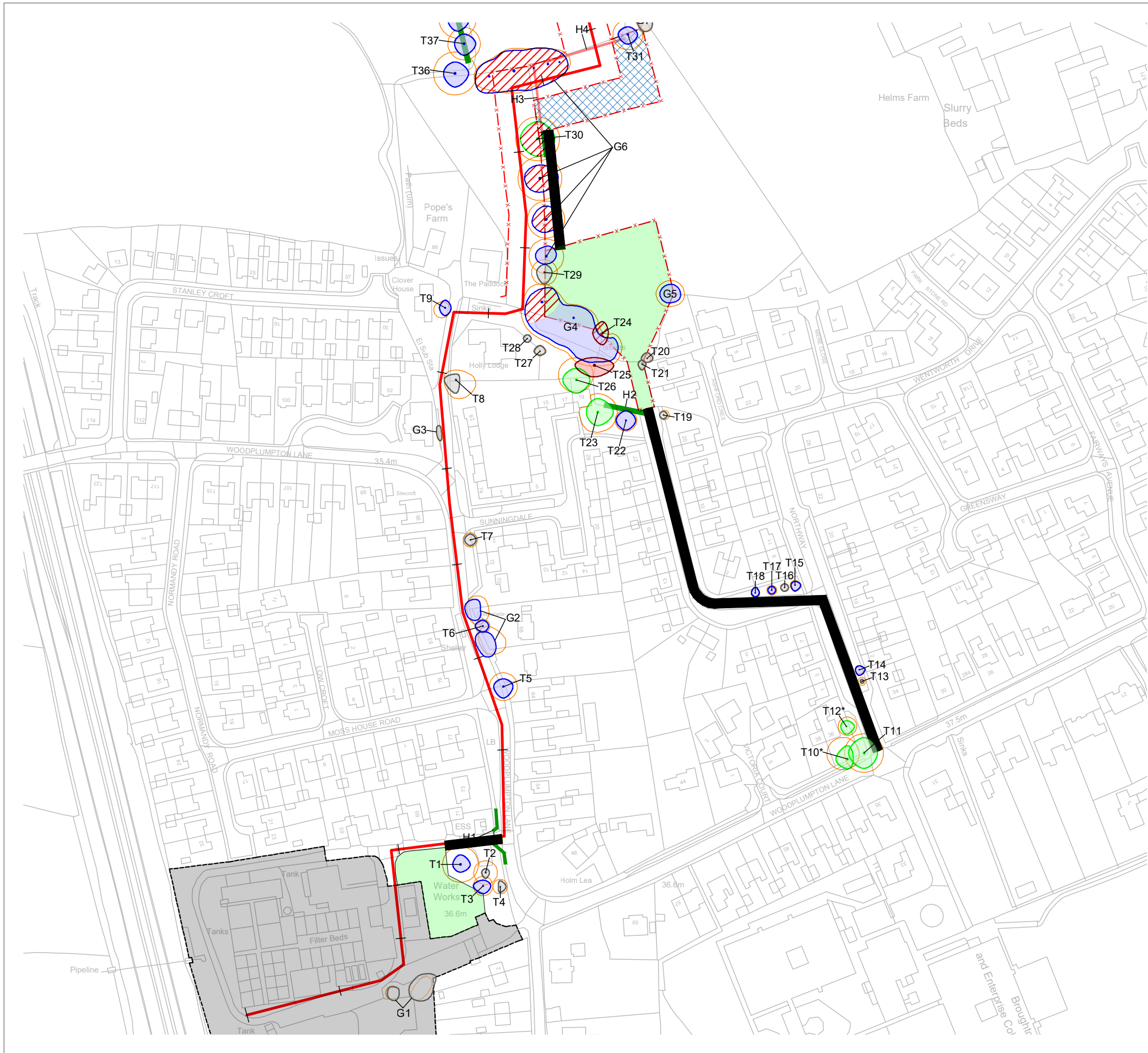
HEE

Checked

RMG

Approved

RMG



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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Rev	Description	Drawn	Approved	Date
A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020



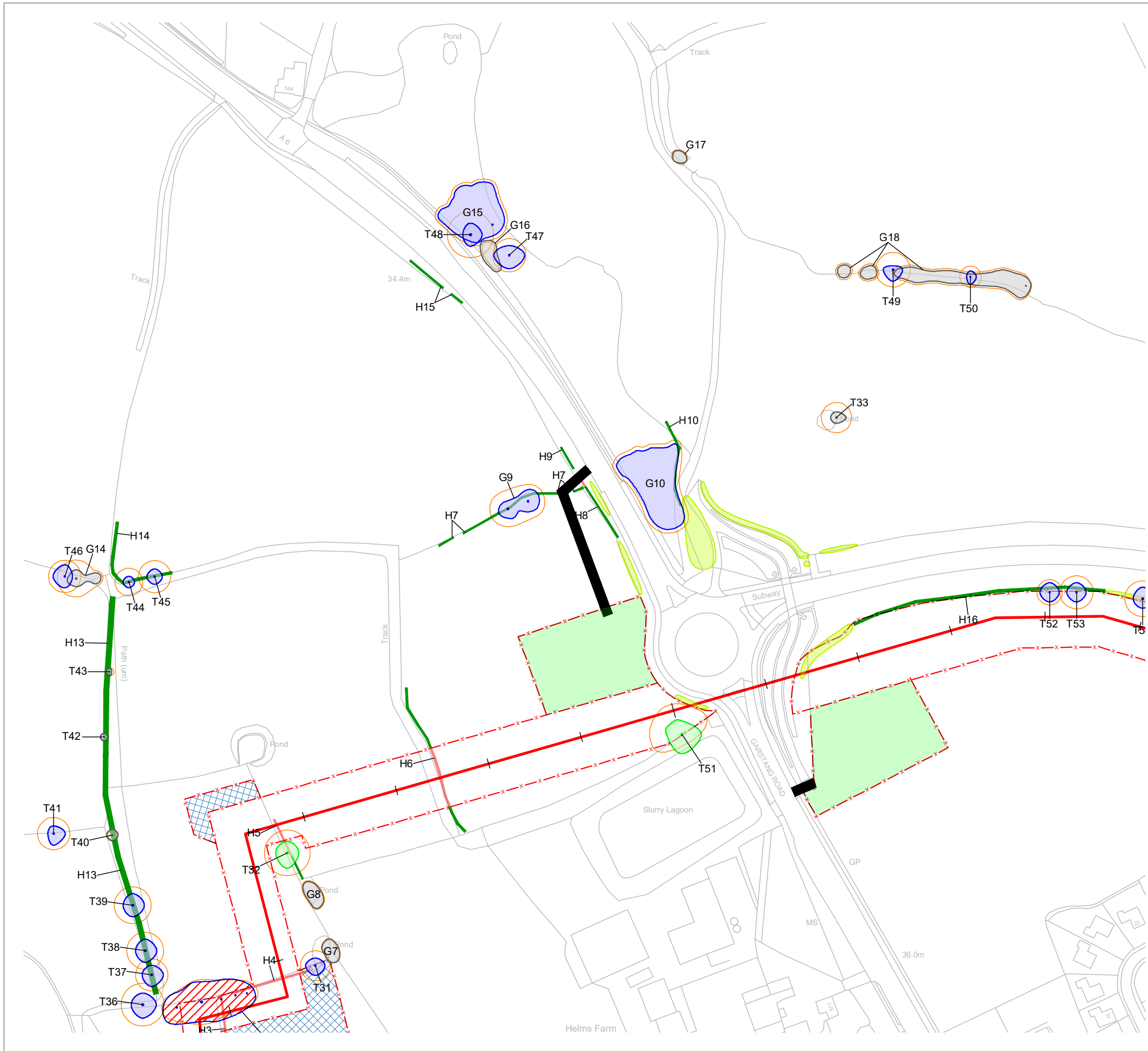
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Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 1 of 19

Drawing Number
D8462.022

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:
This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).
No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.
Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.
Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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Rev	Description	Drawn	Approved	Date
A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020



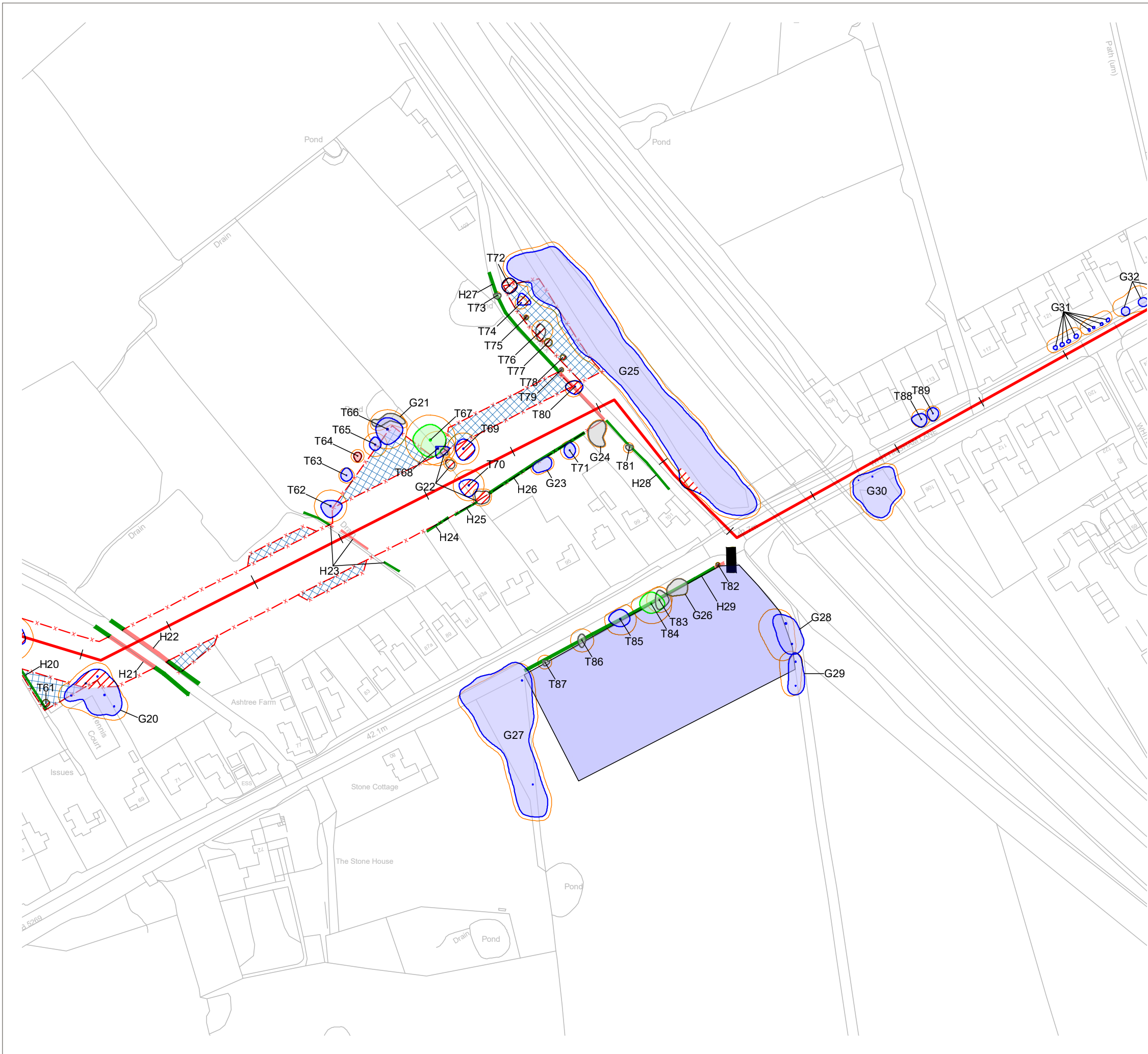
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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 2 of 19

Drawing Number
D8462.023

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date



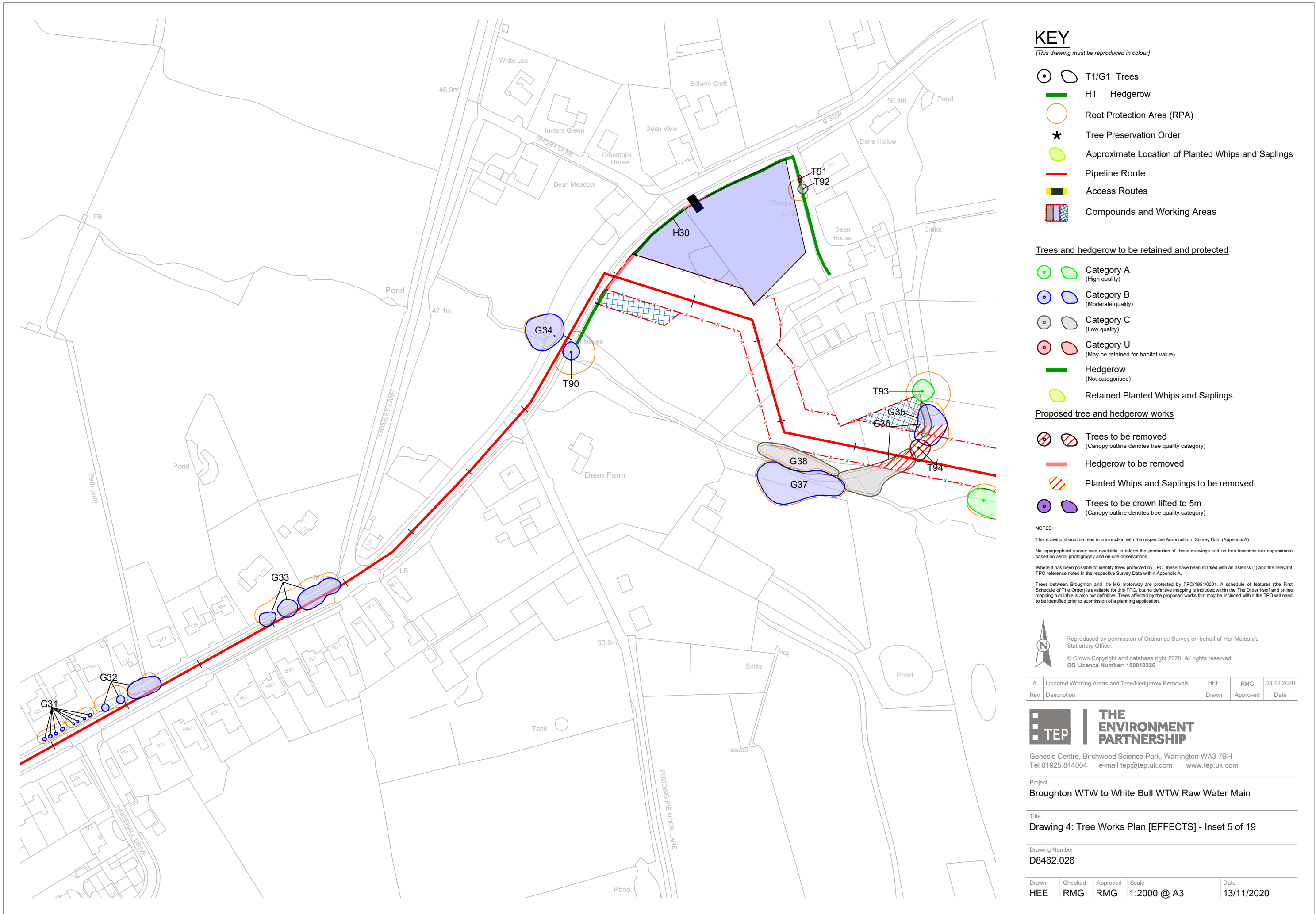
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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 4 of 19

Drawing Number
D8462.025

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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Rev	Description	Drawn	Approved	Date



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Project

Broughton WTW to White Bull WTW Raw Water Main

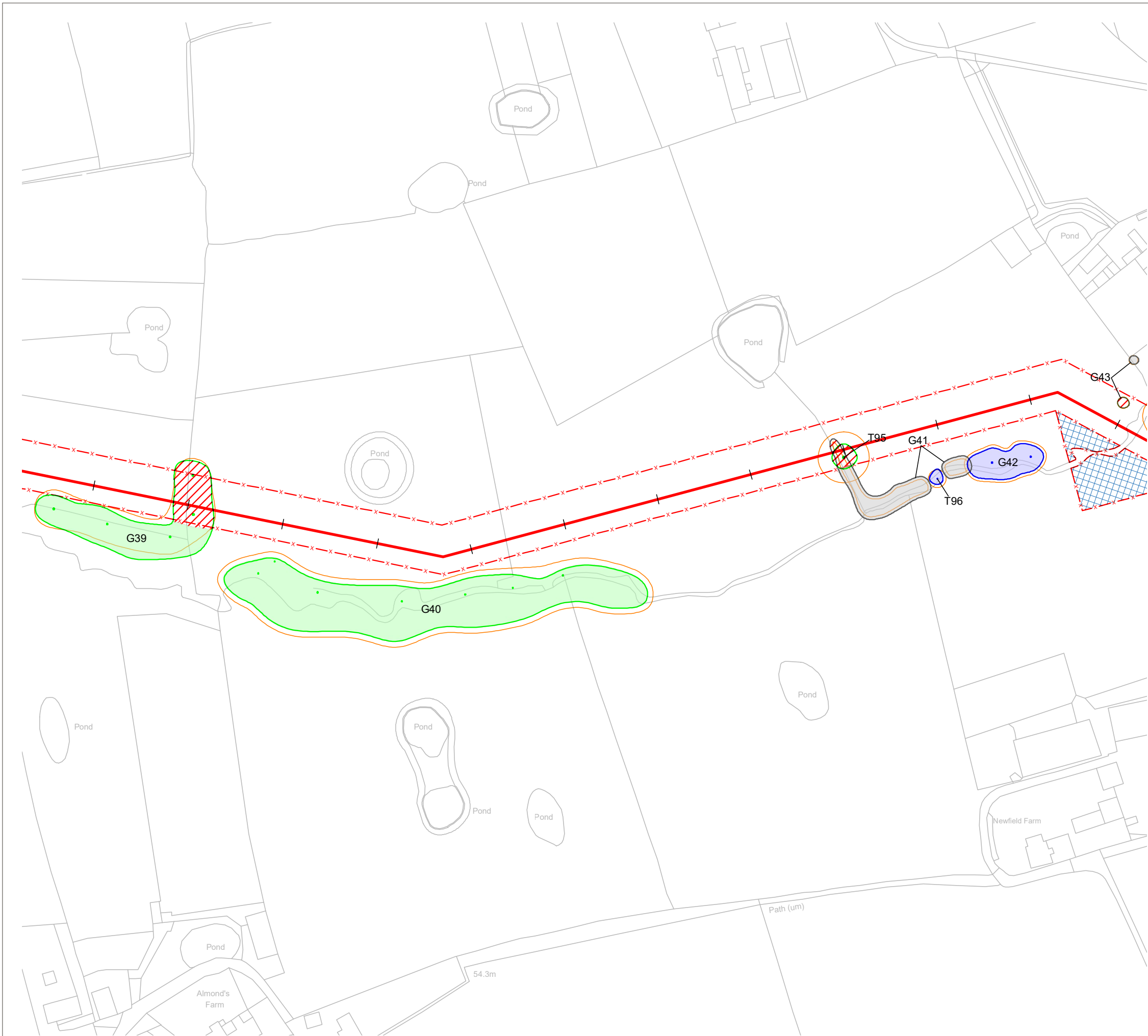
Title

Drawing 4: Tree Works Plan [EFFECTS] - Inset 5 of 19

Drawing Number

D8462.026

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date



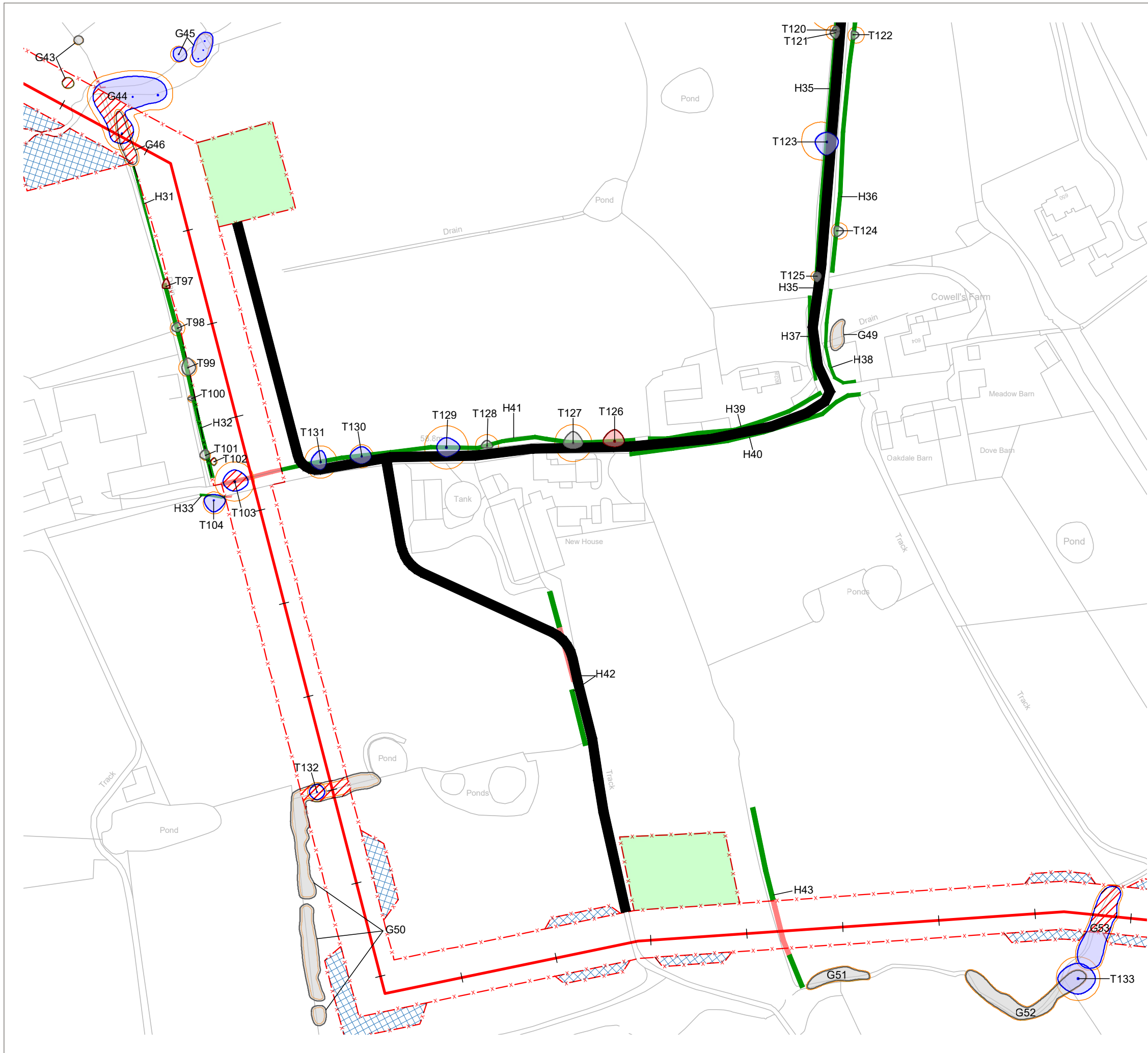
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Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 6 of 19

Drawing Number
D8462.027

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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Rev	Description	Drawn	Approved	Date



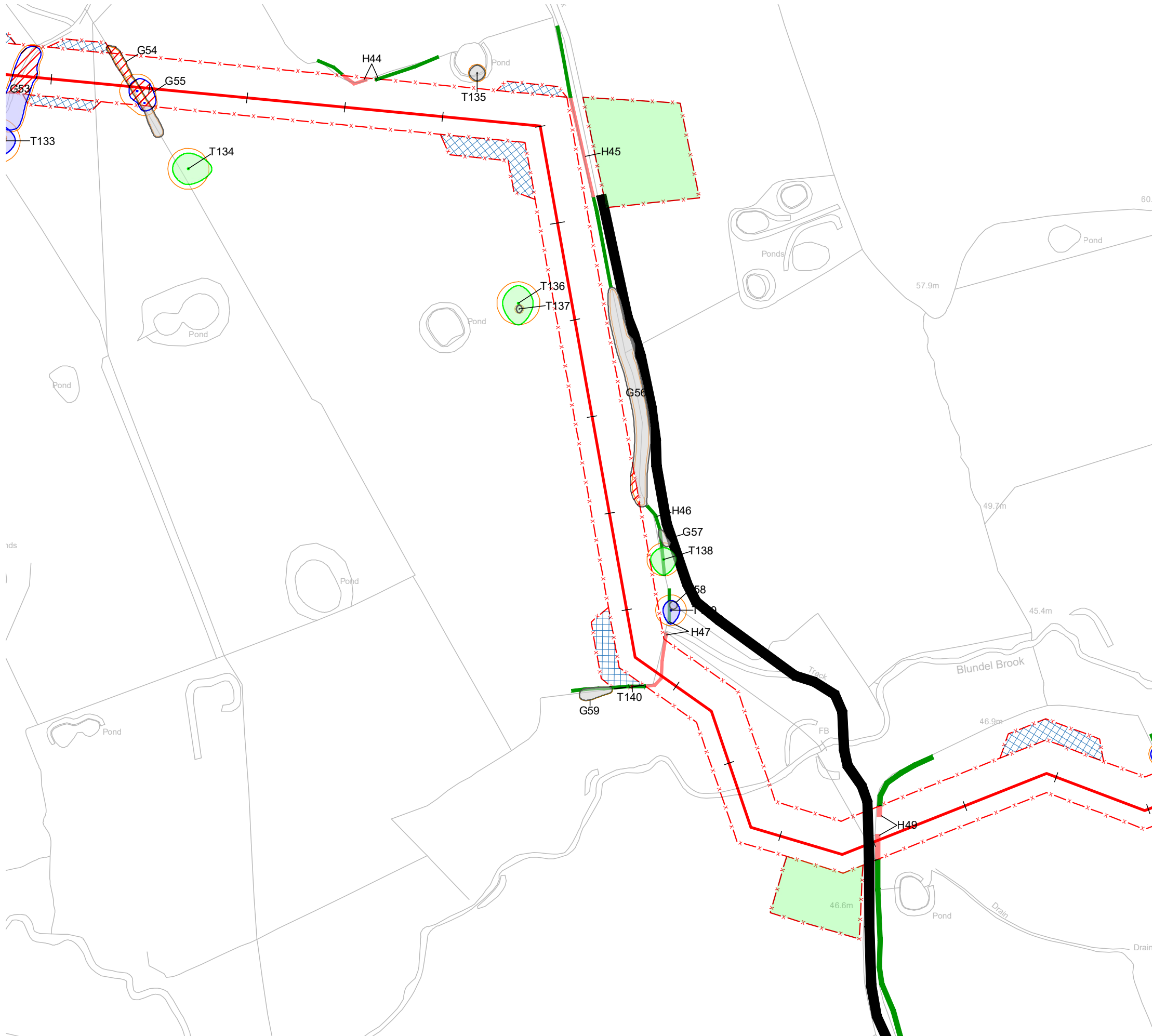
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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 7 of 19

Drawing Number
D8462.028

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date

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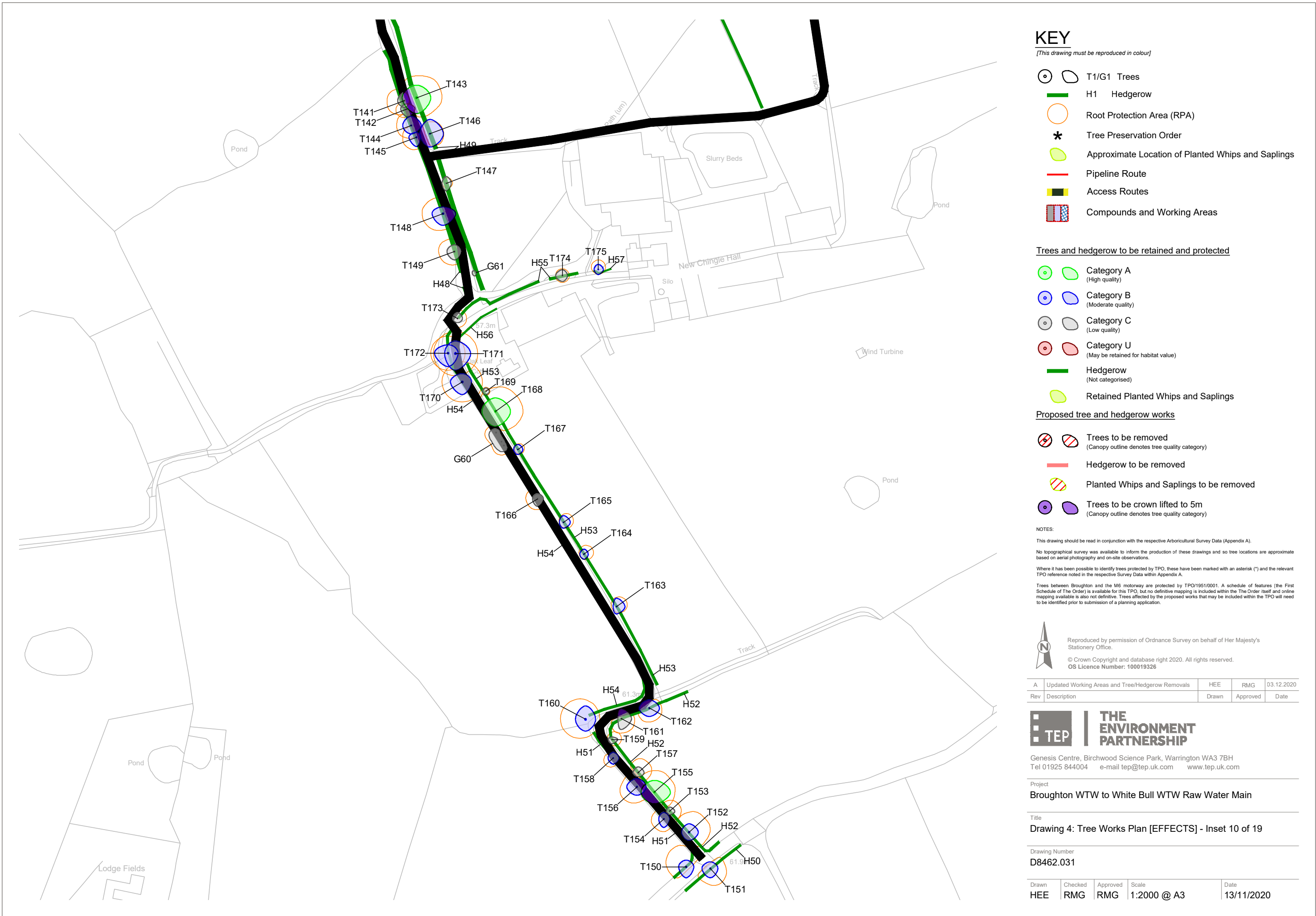
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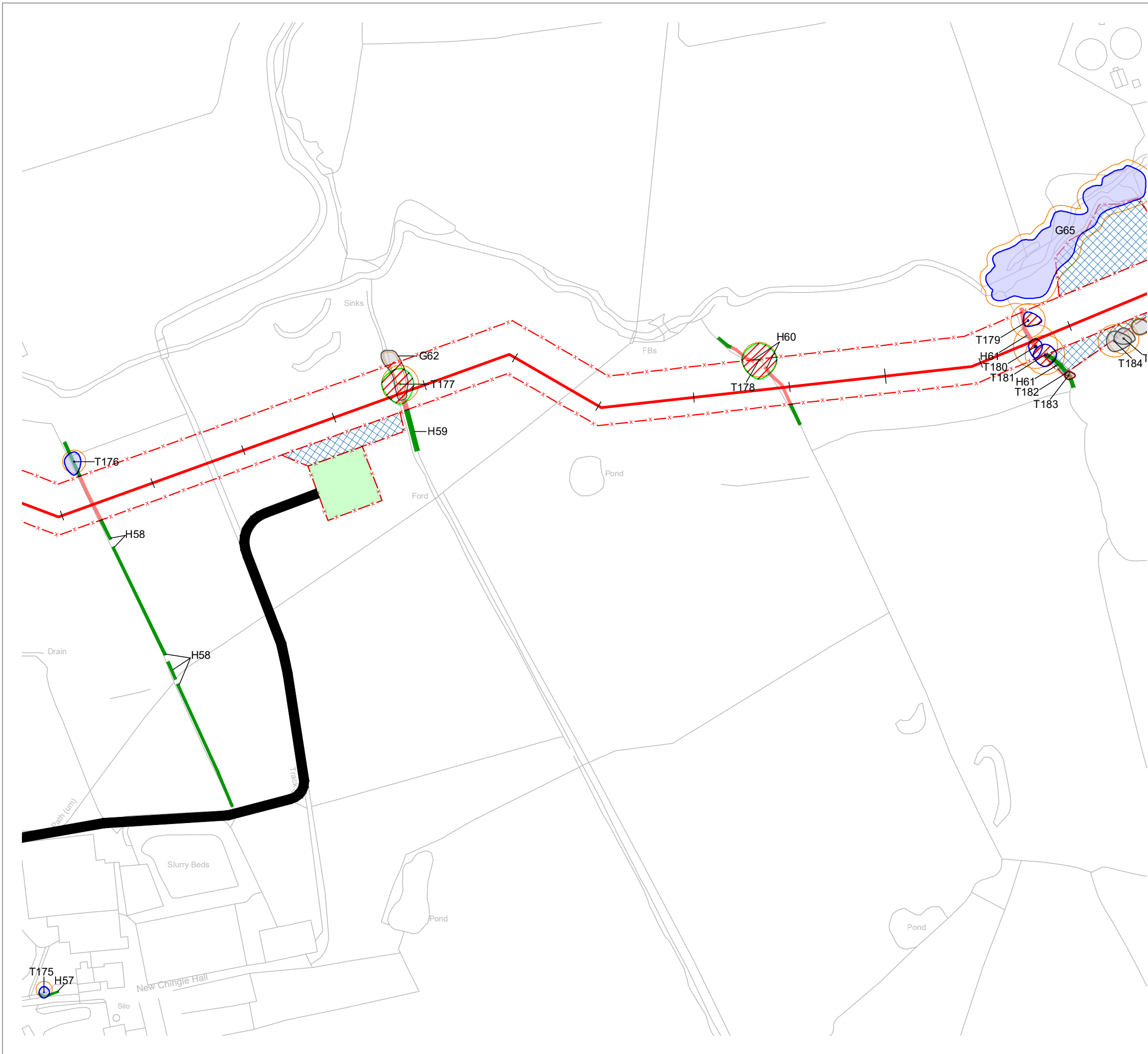
Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 9 of 19

Drawing Number
D8462.030

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020





KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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A Updated Working Areas and Tree/Hedgerow Removals		HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date



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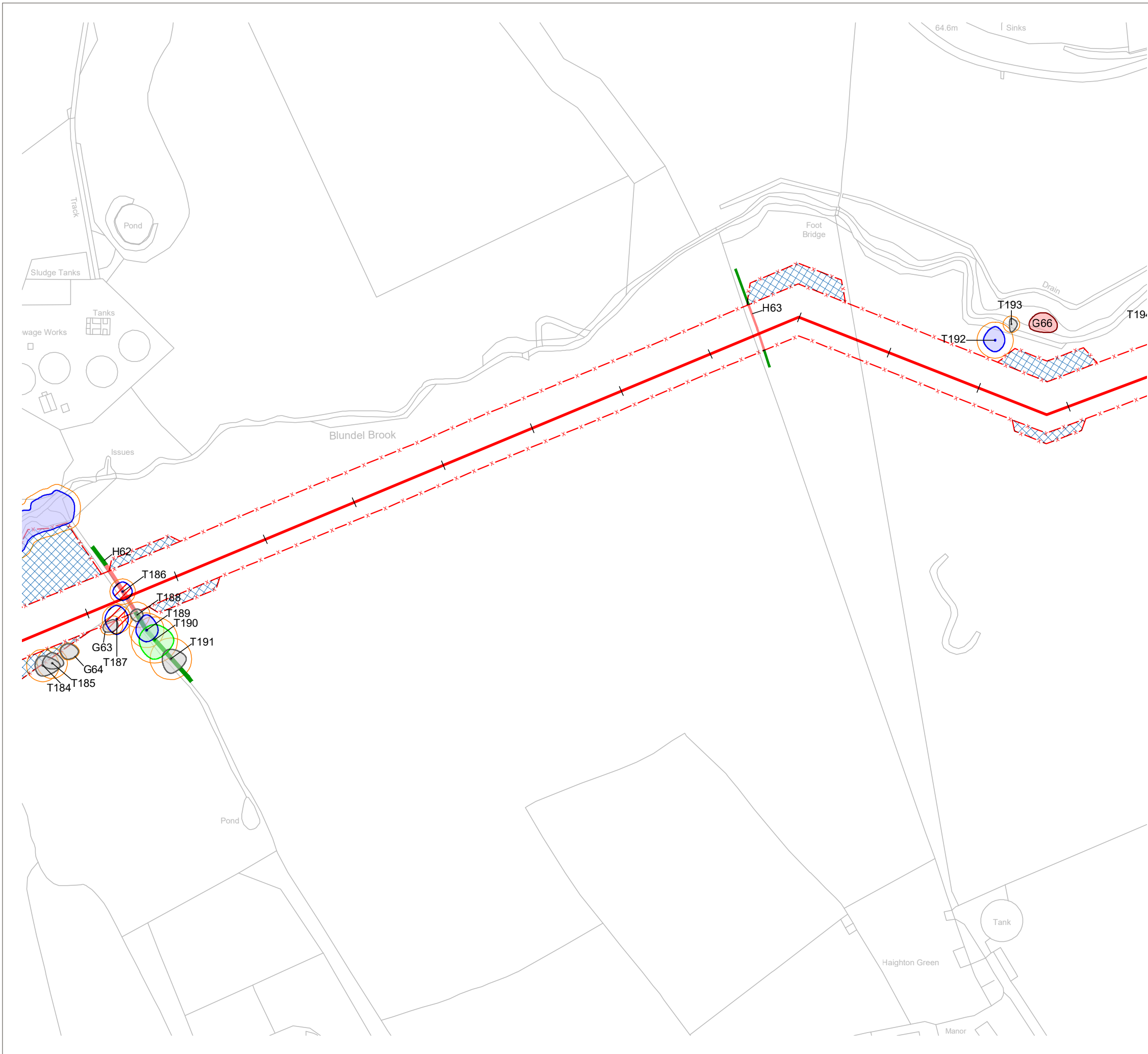
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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 11 of 19

Drawing Number
D8462.032

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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Rev	Description	Drawn	Approved	Date



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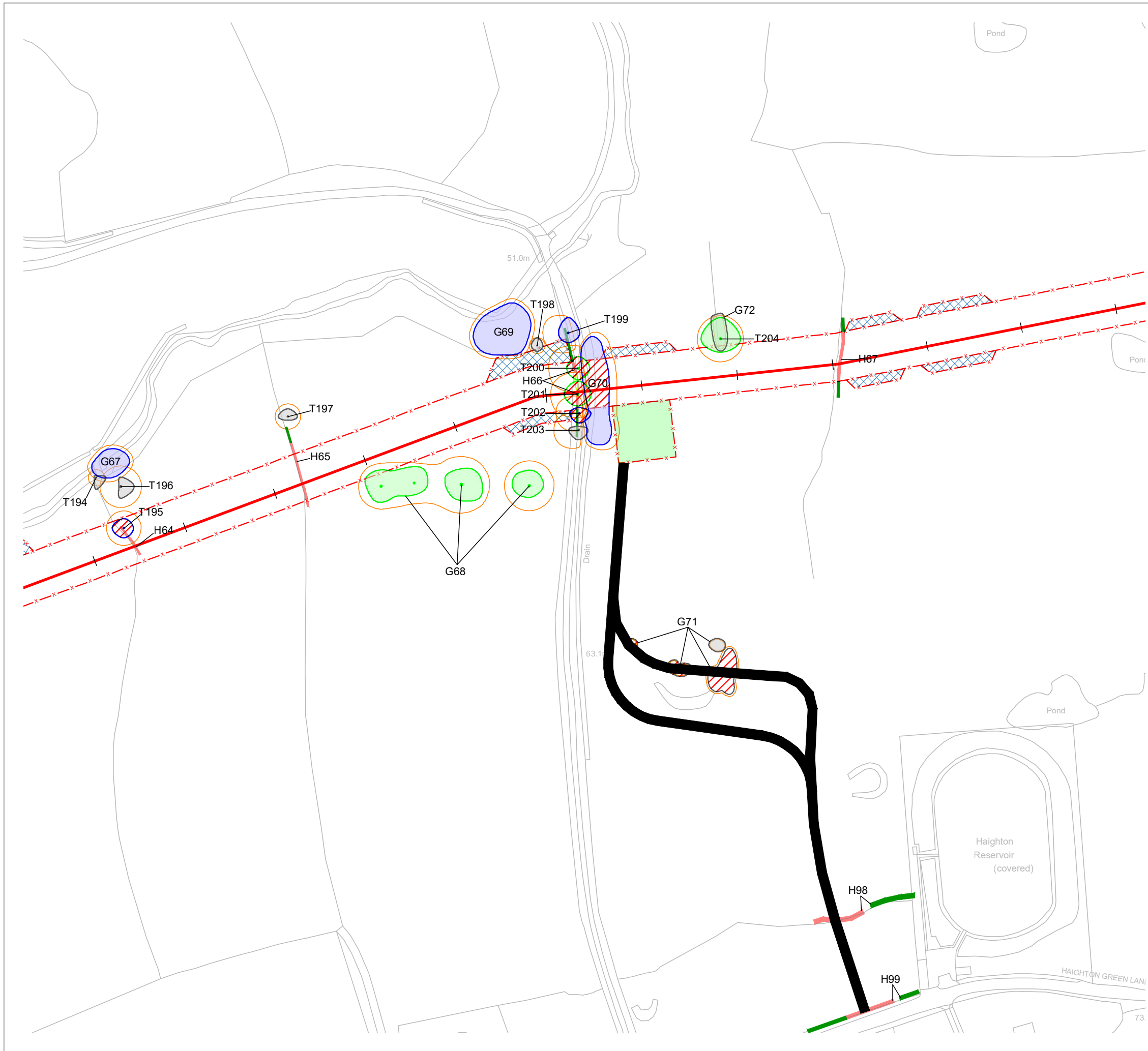
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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 12 of 19

Drawing Number
D8462.033

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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OS Licence Number: 100019326

A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date

THE ENVIRONMENT PARTNERSHIP

Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

Broughton WTW to White Bull WTW Raw Water Main

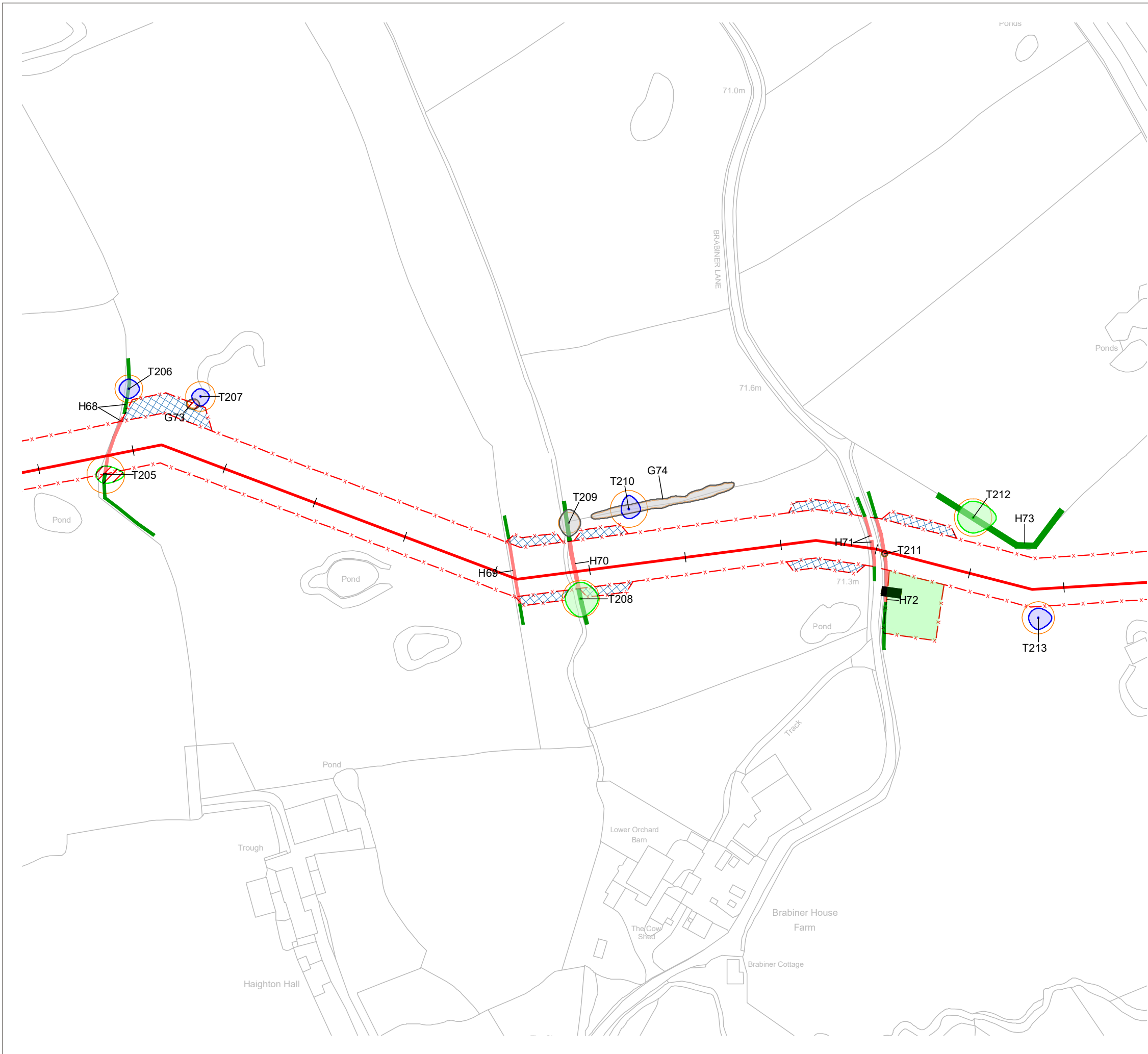
Title

Drawing 4: Tree Works Plan [EFFECTS] - Inset 13 of 19

Drawing Number

D8462.034

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date

THE ENVIRONMENT PARTNERSHIP

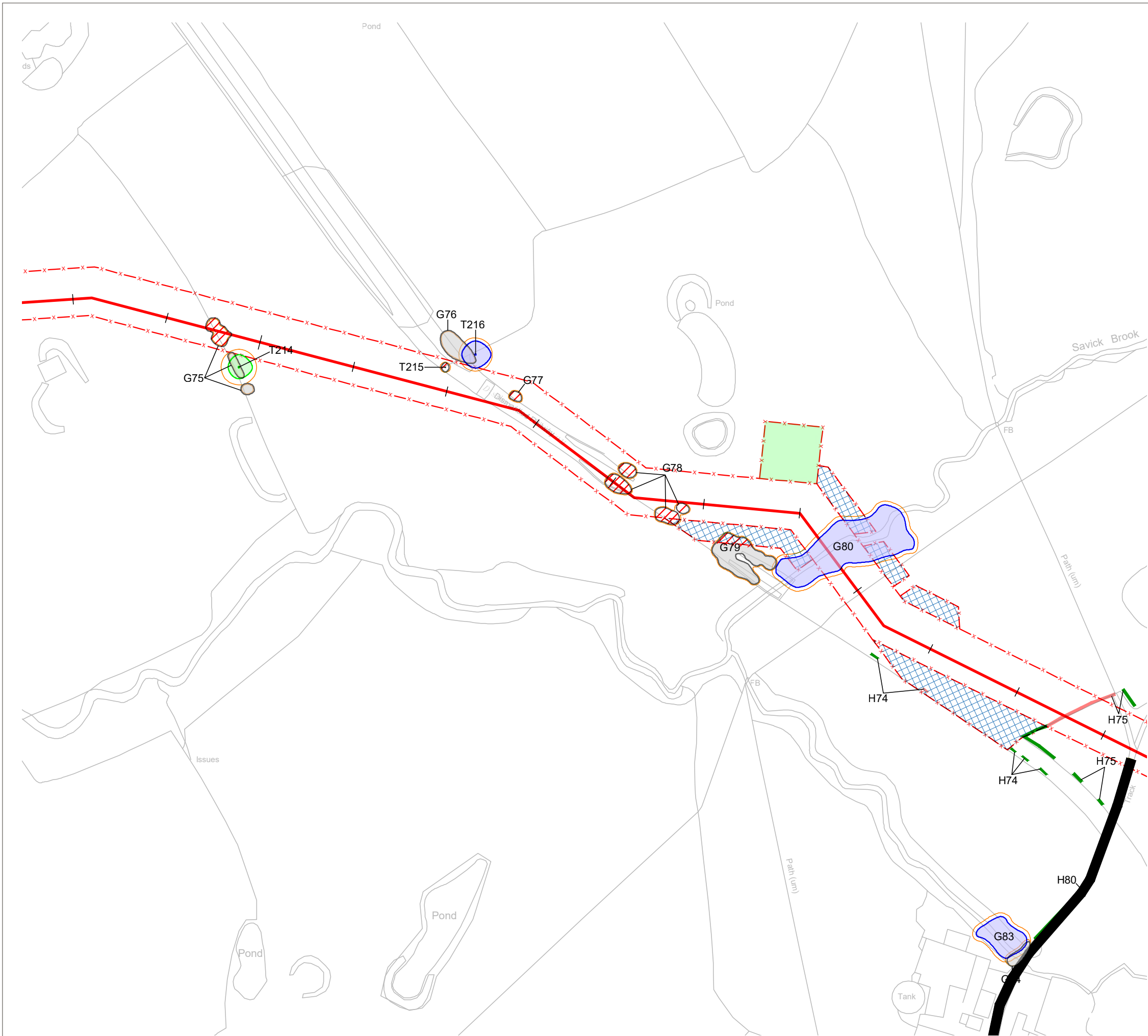
Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 14 of 19

Drawing Number
D8462.035

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date



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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 15 of 19

Drawing Number
D8462.036

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.



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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date



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Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

Broughton WTW to White Bull WTW Raw Water Main

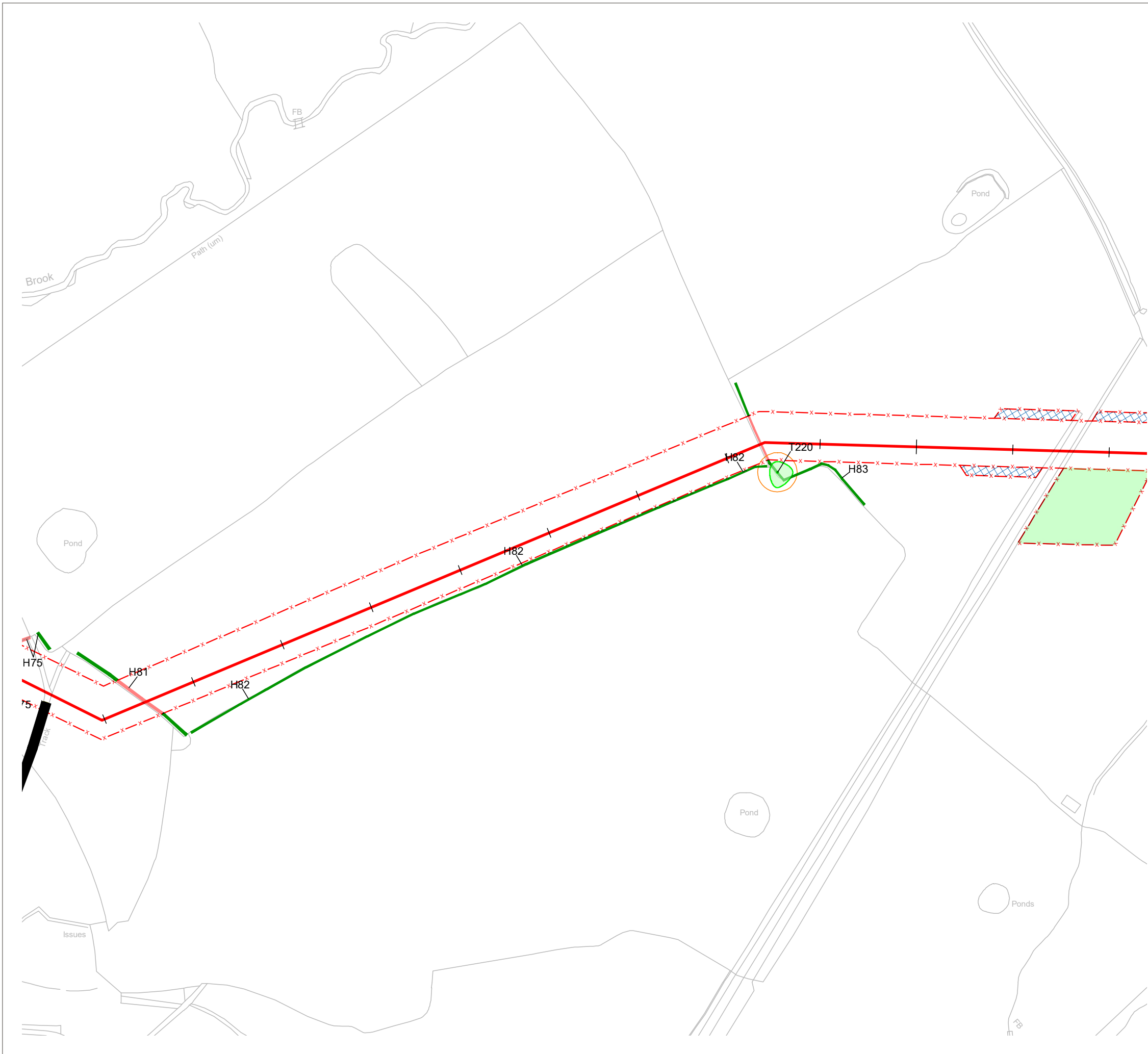
Title

Drawing 4: Tree Works Plan [EFFECTS] - Inset 16 of 19

Drawing Number

D8462.037

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

Trees between Broughton and the M6 motorway are protected by TPO/1951/0001. A schedule of features (the First Schedule of The Order) is available for this TPO, but no definitive mapping is included within the The Order itself and online mapping available is also not definitive. Trees affected by the proposed works that may be included within the TPO will need to be identified prior to submission of a planning application.

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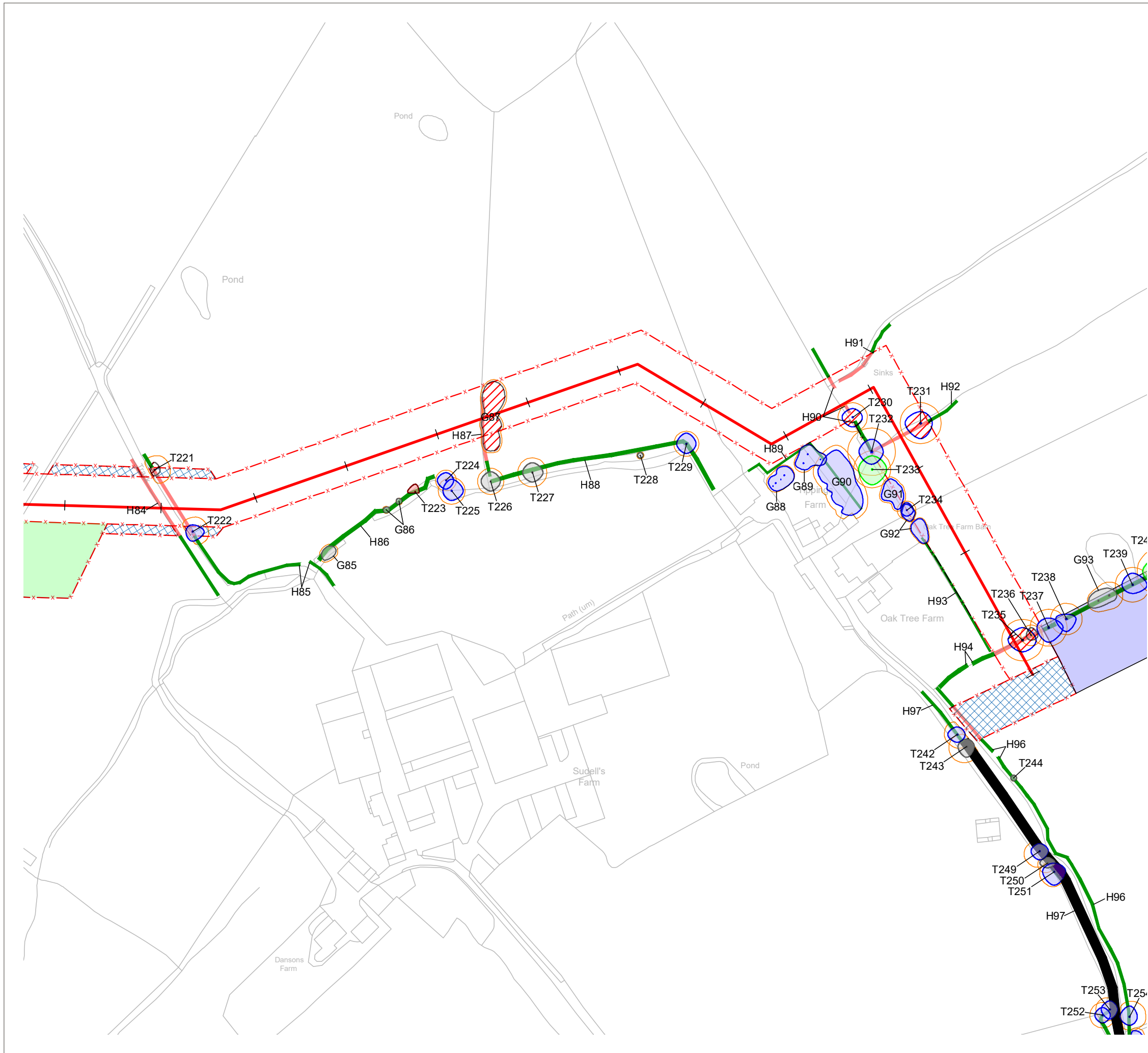
OS Licence Number: 100019326

A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date

THE ENVIRONMENT PARTNERSHIP

Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project Broughton WTW to White Bull WTW Raw Water Main				
Title Drawing 4: Tree Works Plan [EFFECTS] - Inset 17 of 19				
Drawing Number D8462.038				
Drawn HEE	Checked RMG	Approved RMG	Scale 1:2000 @ A3	Date 13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

Where it has been possible to identify trees protected by TPO, these have been marked with an asterisk (*) and the relevant TPO reference noted in the respective Survey Data within Appendix A.

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A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020
Rev	Description	Drawn	Approved	Date

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Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 18 of 19

Drawing Number
D8462.039

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020



KEY

[This drawing must be reproduced in colour]

- T1/G1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Tree Preservation Order
- Approximate Location of Planted Whips and Saplings
- Pipeline Route
- Access Routes
- Compounds and Working Areas

Trees and hedgerow to be retained and protected

- Category A (High quality)
- Category B (Moderate quality)
- Category C (Low quality)
- Category U (May be retained for habitat value)
- Hedgerow (Not categorised)
- Retained Planted Whips and Saplings

Proposed tree and hedgerow works

- Trees to be removed (Canopy outline denotes tree quality category)
- Hedgerow to be removed
- Planted Whips and Saplings to be removed
- Trees to be crown lifted to 5m (Canopy outline denotes tree quality category)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

No topographical survey was available to inform the production of these drawings and so tree locations are approximate based on aerial photography and on-site observations.

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Rev	Description	Drawn	Approved	Date
A	Updated Working Areas and Tree/Hedgerow Removals	HEE	RMG	03.12.2020



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Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project
Broughton WTW to White Bull WTW Raw Water Main

Title
Drawing 4: Tree Works Plan [EFFECTS] - Inset 19 of 19

Drawing Number
D8462.040

Drawn	Checked	Approved	Scale	Date
HEE	RMG	RMG	1:2000 @ A3	13/11/2020