

A photograph of a river flowing through a lush green forest. The river is in the foreground, with some rocks and debris visible. The banks are covered in dense trees and vegetation. In the background, there are mountains under a cloudy sky.

**Comrie Flood Protection Scheme
Appendix 5.3**

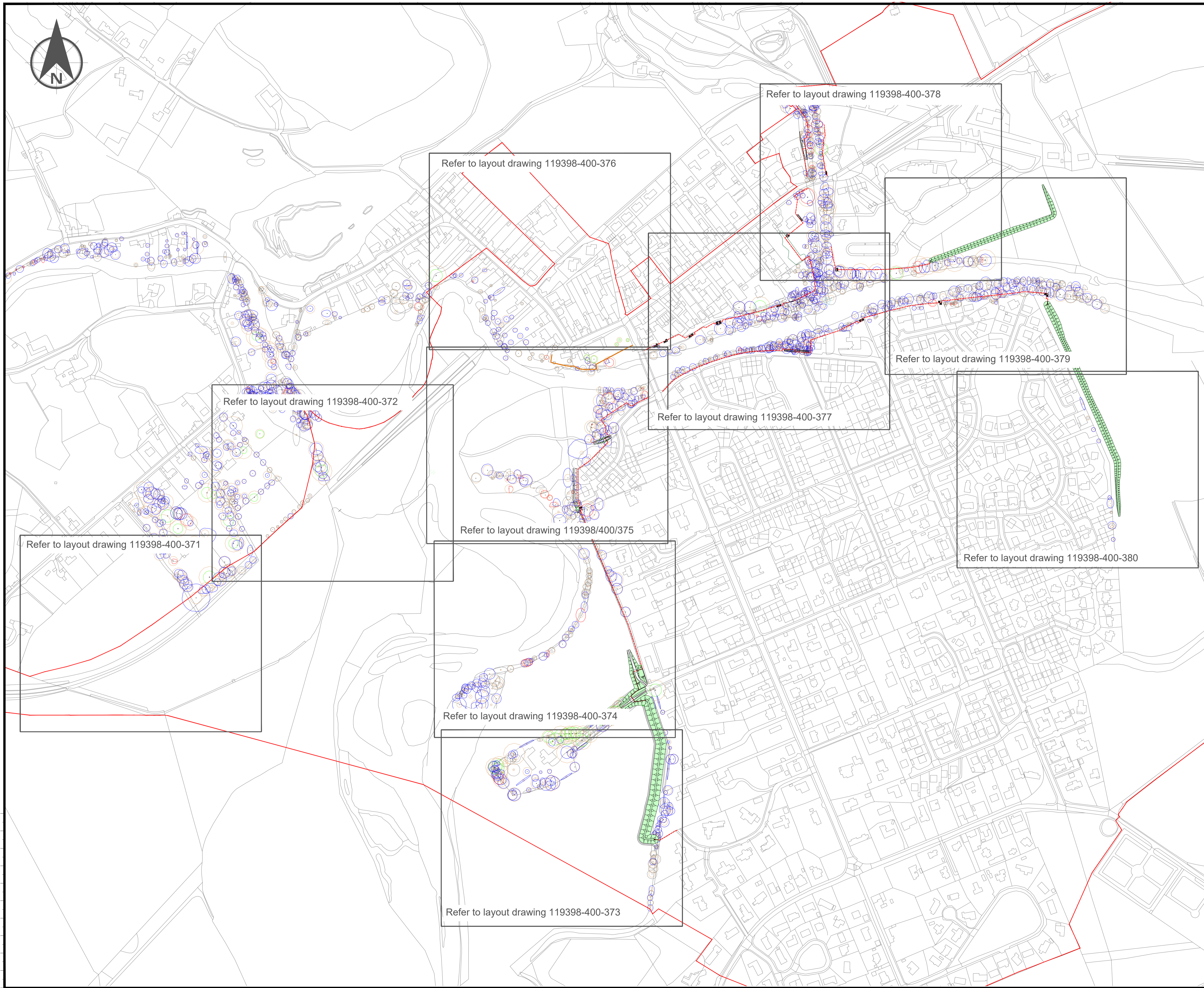
Tree Survey Drawings

Document Control

Document title	Appendix 5.3: Tree Survey Drawings
Originator	Sweco / The Tree Inspector
Checker	Ellie Davies
Approver	Gail Currie
Authoriser	Rebecca McLean
Status	For Information

Revision History

Document title	Date	Description	Author
Appendix 5.3: Tree Survey Drawings	12/02/20	For Information	Ellie Davies / The Tree Inspector



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Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/371 to 119398/400/380
- Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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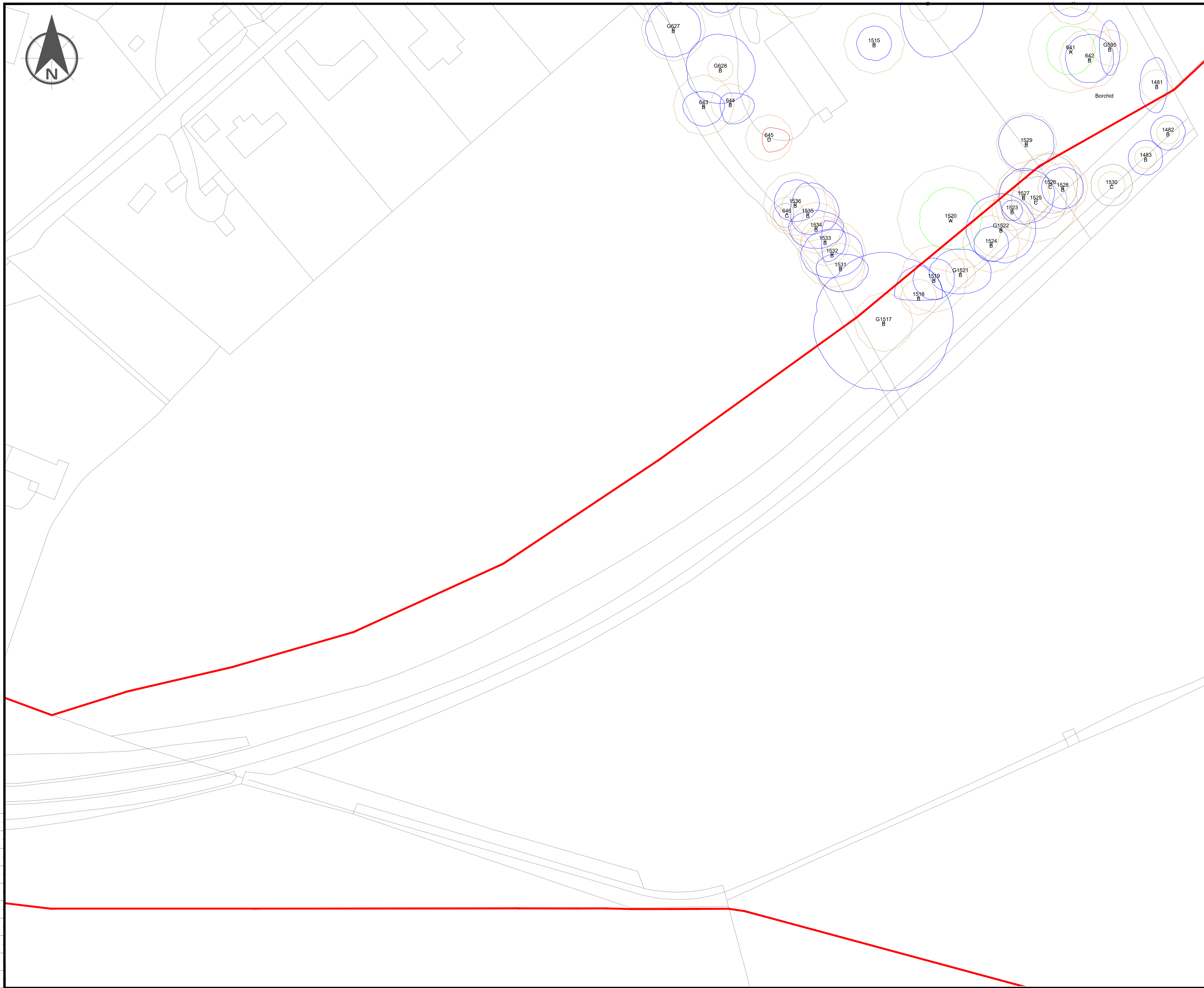


Drawing Status **FOR INFORMATION**

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES SURVEY DRAWING LAYOUT SHEET

Scale	Designed	Drawn	Checked	Approved
1:2500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number	Revision			
119398/400/370				01



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KEY

- EIA study area
- Category A tree
- Category B tree
- Category C tree
- Category U tree
- Root protection area
- Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

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Structures Key

- - - Proposed flood wall with agreed finish and coping
- Proposed bund (with impermeable core where required)
- Proposed fenceline
- Proposed gate access
- Proposed pedestrian / vehicle access ramp
- Proposed access stairs
- Proposed low level wall for footpath/ramp

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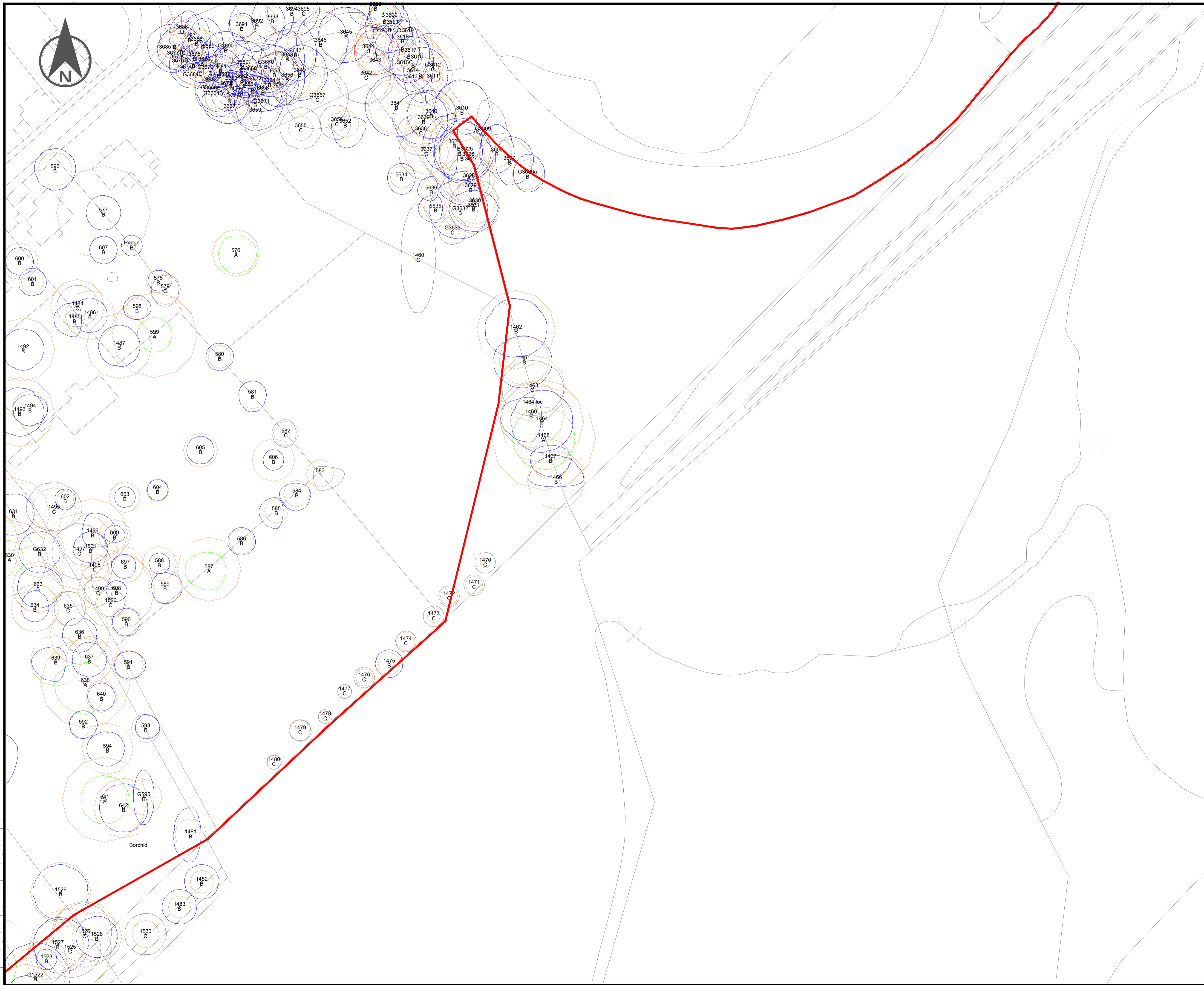
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Drawing Status
FOR INFORMATION

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREE SURVEY SHEET 1 OF 10

Scale 1:500	Designed ED	Drawn PB	Checked SM	Approved SM
Original Size A1	Date 12/02/20	Date 12/02/20	Date 12/02/20	Date 12/02/20
Drawing Number 119398/400/371	Revision 01			



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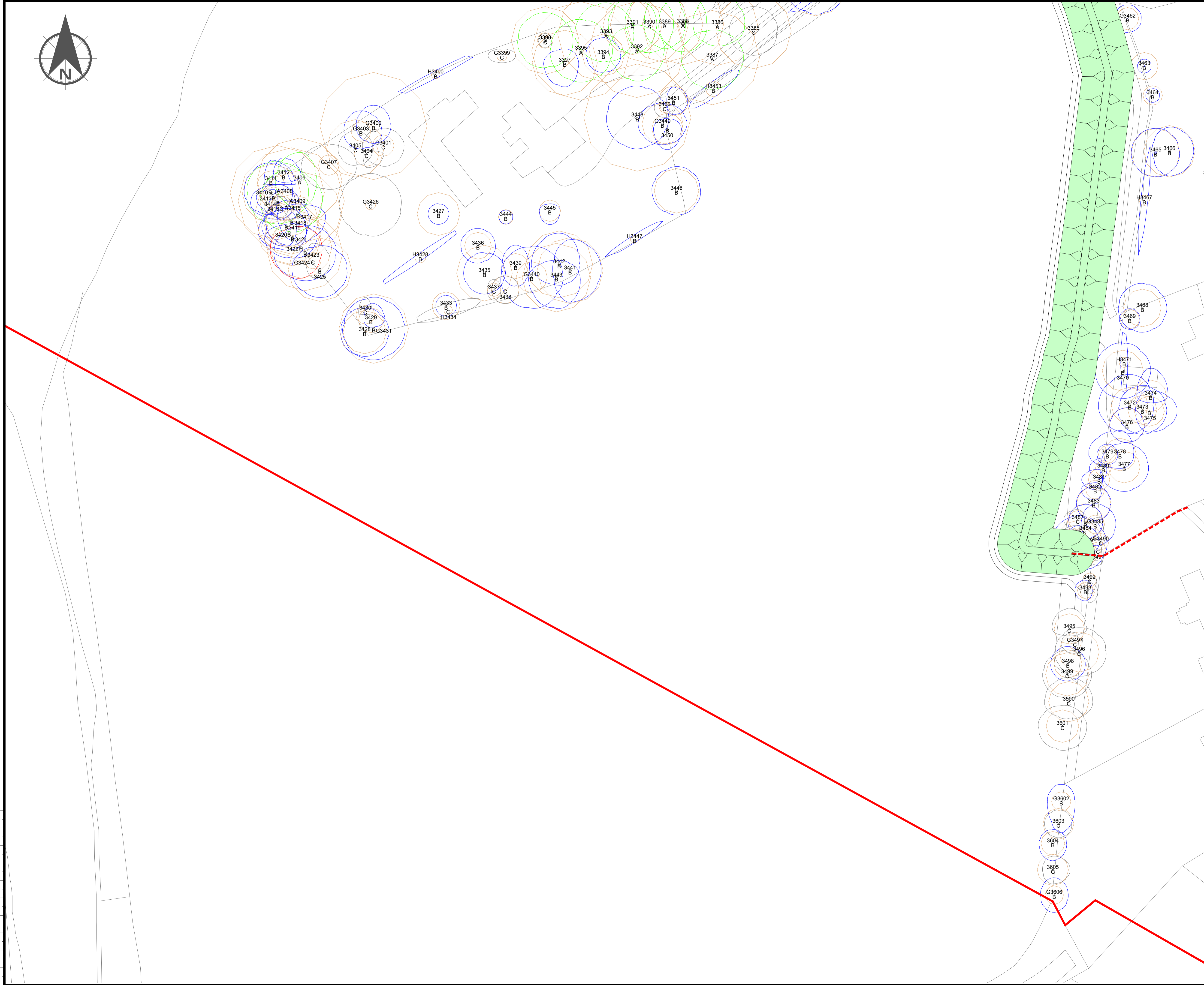
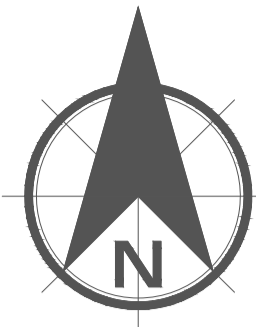
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Drawing Status **FOR INFORMATION**

Project Title **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title **TREE SURVEY SHEET 2 OF 10**

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Original Size	A1	Date	12/02/20	Date	10/12/19	Date	12/02/20	
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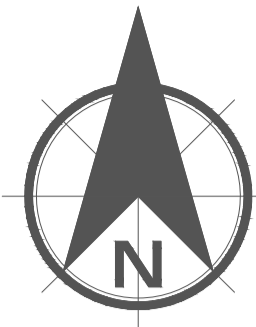
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Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREE SURVEY SHEET 3 OF 10

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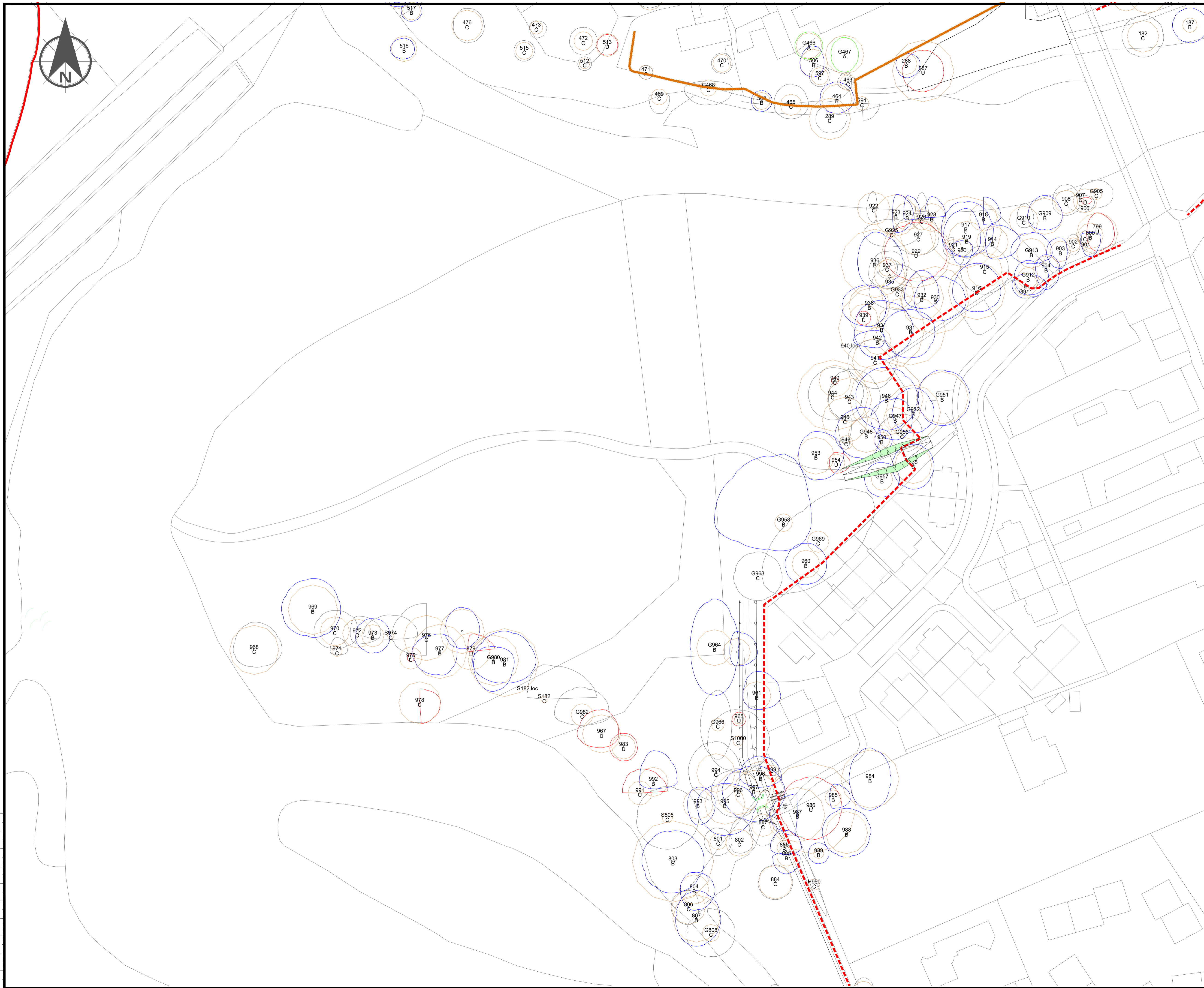
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Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREE SURVEY SHEET 4 OF 10

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Original Size	A1	Date	Date	Date
		12/02/20	12/02/20	12/02/20
Drawing Number	119398/400/374			Revision
				01





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KEY

- EIA study area
- Category A tree
- Category B tree
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Drawing Title
TREE SURVEY SHEET 5 OF 10








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1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
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119398/400/375	01			



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



KEY

-  EIA study area
-  Category A tree
-  Category B tree
-  Category C tree
-  Category U tree
-  Root protection area
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Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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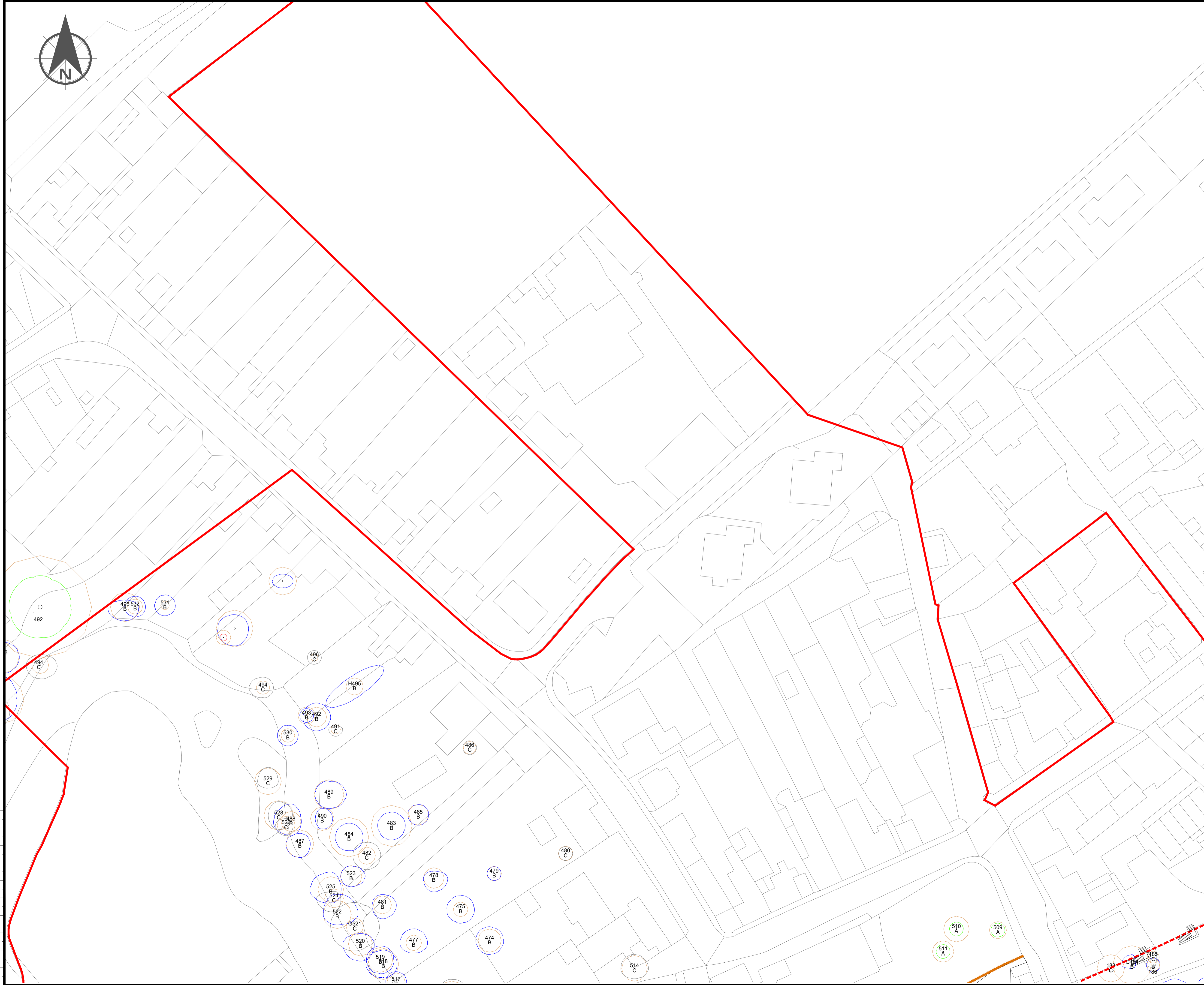


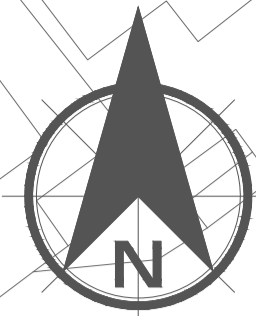
Drawing Status **FOR INFORMATION**

Project Title **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title **TREE SURVEY SHEET 6 OF 10**

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Original Size	A1	Date	12/02/20	Date	12/02/20	Date	12/02/20	
Drawing Number	119398/400/376						Revision	01





Location of unsurveyed trees. Full tree survey to BS5837:2012 to be carried out at detailed design phase.

Location of unsurveyed trees. Full tree survey to BS5837:2012 to be carried out at detailed design phase.

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KEY

- EIA study area
- Category A tree
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Structures Key

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- ▤ Proposed gate access
- ▥ Proposed pedestrian / vehicle access ramp
- ▧ Proposed access stairs
- ▩ Proposed low level wall for footpath/ramp

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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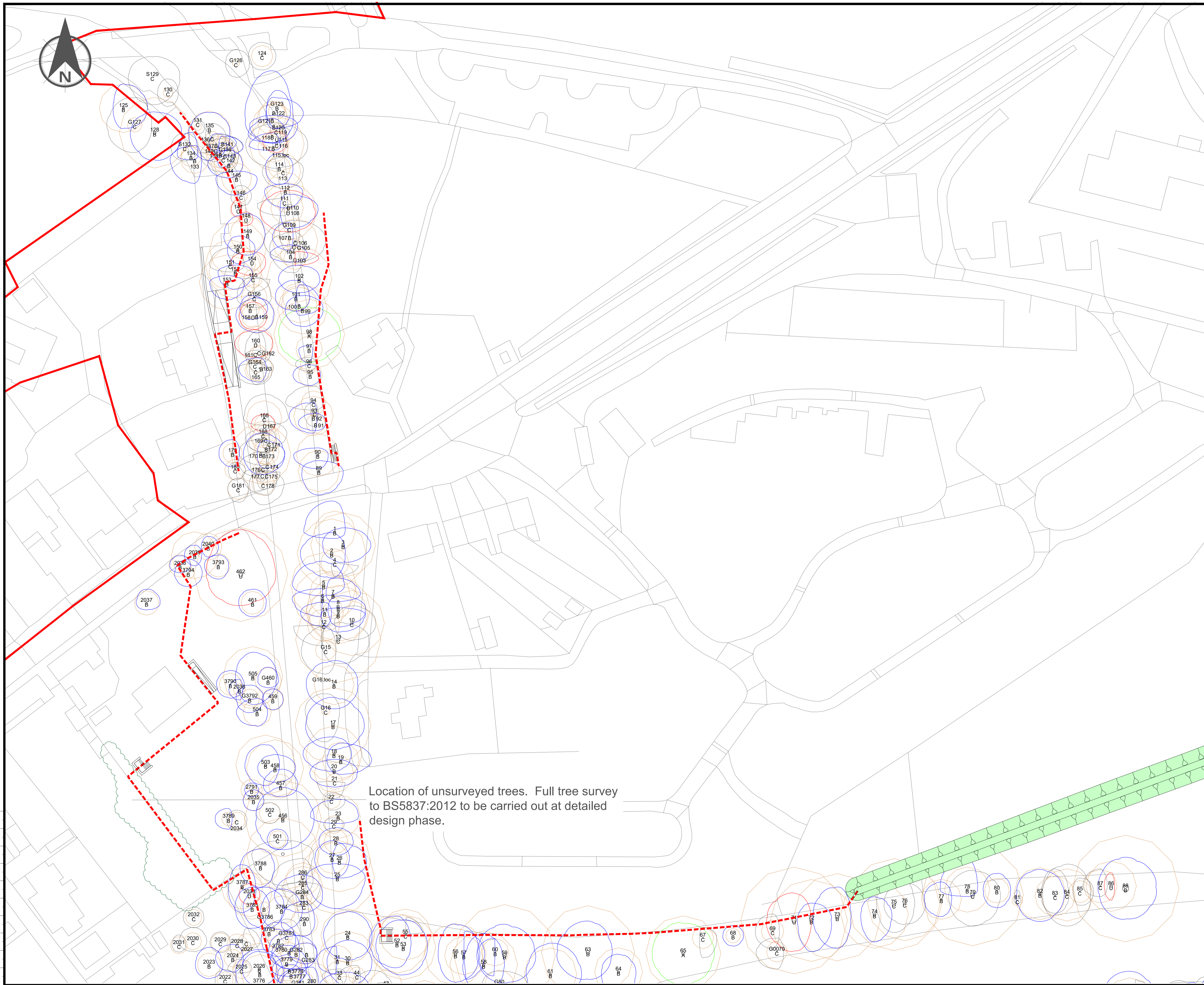


FOR INFORMATION

COMRIE FLOOD PROTECTION SCHEME 2020

TREE SURVEY
SHEET 7 OF 10

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Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number	Revision			
119398/400/377	01			



Location of unsurveyed trees. Full tree survey to BS5837:2012 to be carried out at detailed design phase.

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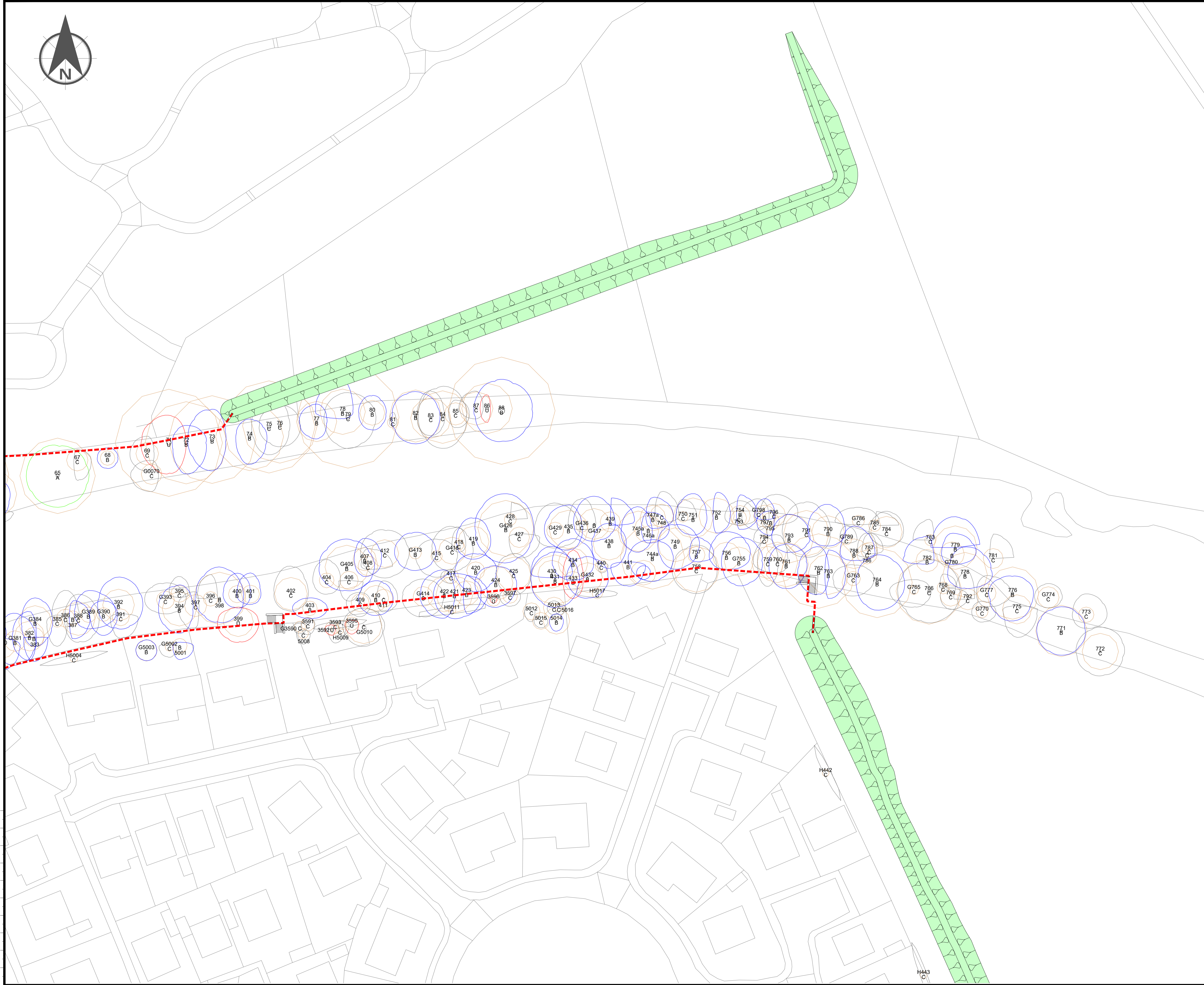
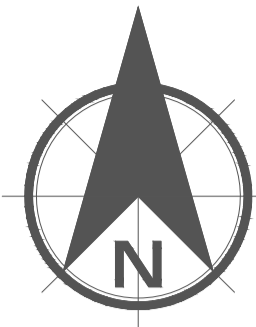


Drawing Status **FOR INFORMATION**

Project Title **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title **TREE SURVEY SHEET 8 OF 10**

Scale	1:500	Designed	ED	Checked	PB	Approved	PB	
Original Size	A1	Date	12/02/20	Date	12/02/20	Date	12/02/20	
Drawing Number	119398/400/378						Revision	01



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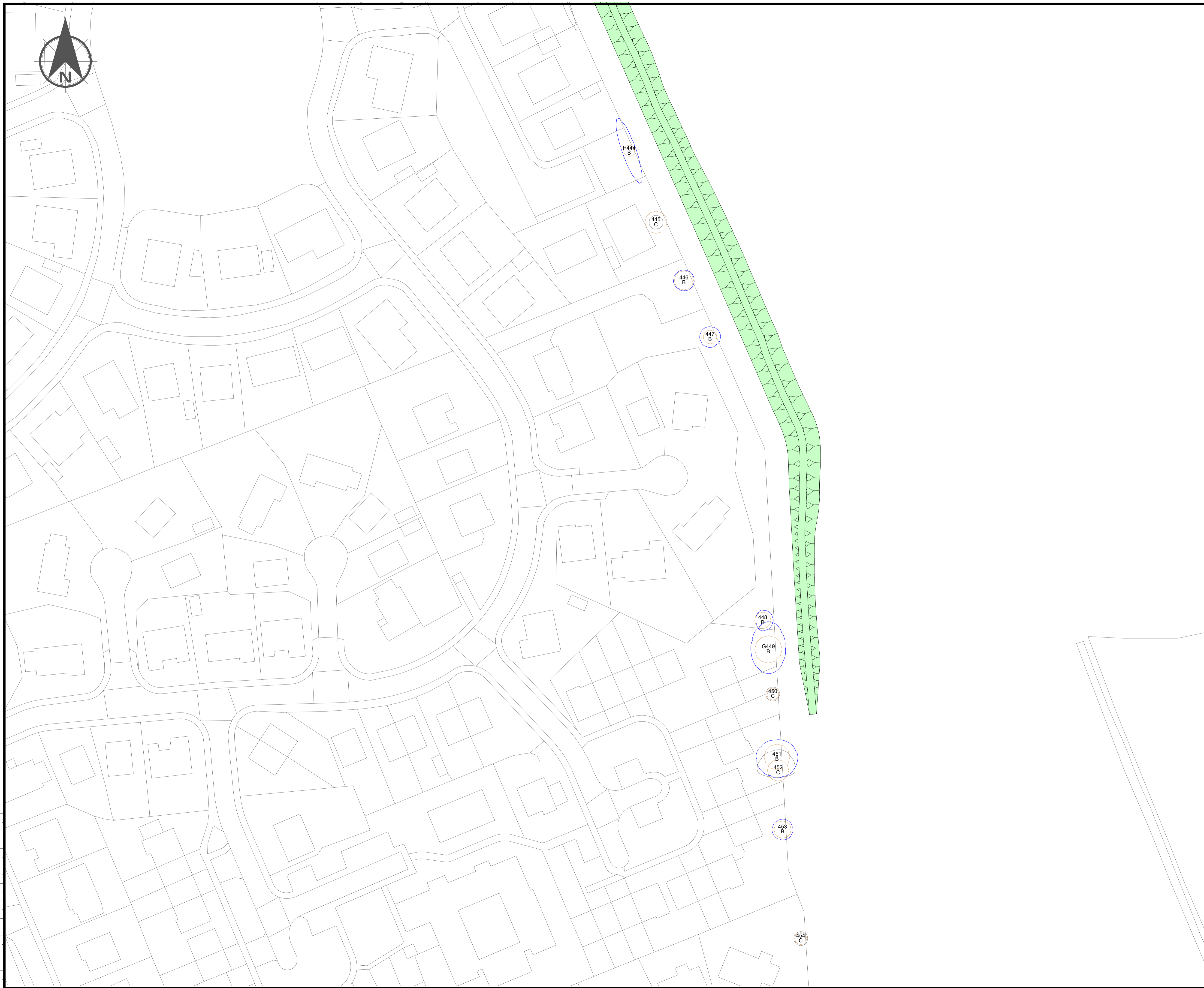
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Drawing Status **FOR INFORMATION**

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREE SURVEY SHEET 9 OF 10

Scale	1:500	Designed	ED	Checked	PB	Approved	PB	
Original Size	A1	Date	12/02/20	Date	12/02/20	Date	12/02/20	
Drawing Number	119398/400/379						Revision	01



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- Proposed low level wall for footpath/ramp

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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Drawing Status
FOR INFORMATION

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREE SURVEY SHEET 10 OF 10

Scale	Designed	Drawn	Checked	Approved
1:500		ED	PB	PB
Original Size	Date	Date	Date	Date
A1		12/02/20	12/02/20	12/02/20
Drawing Number				Revision
119398/400/380				01

A photograph of a river flowing through a lush green forest. The river is in the foreground, with some rocks and debris visible. The banks are lined with dense trees and vegetation. In the background, there are mountains under a cloudy sky.

**Comrie Flood Protection Scheme
Appendix 5.4**

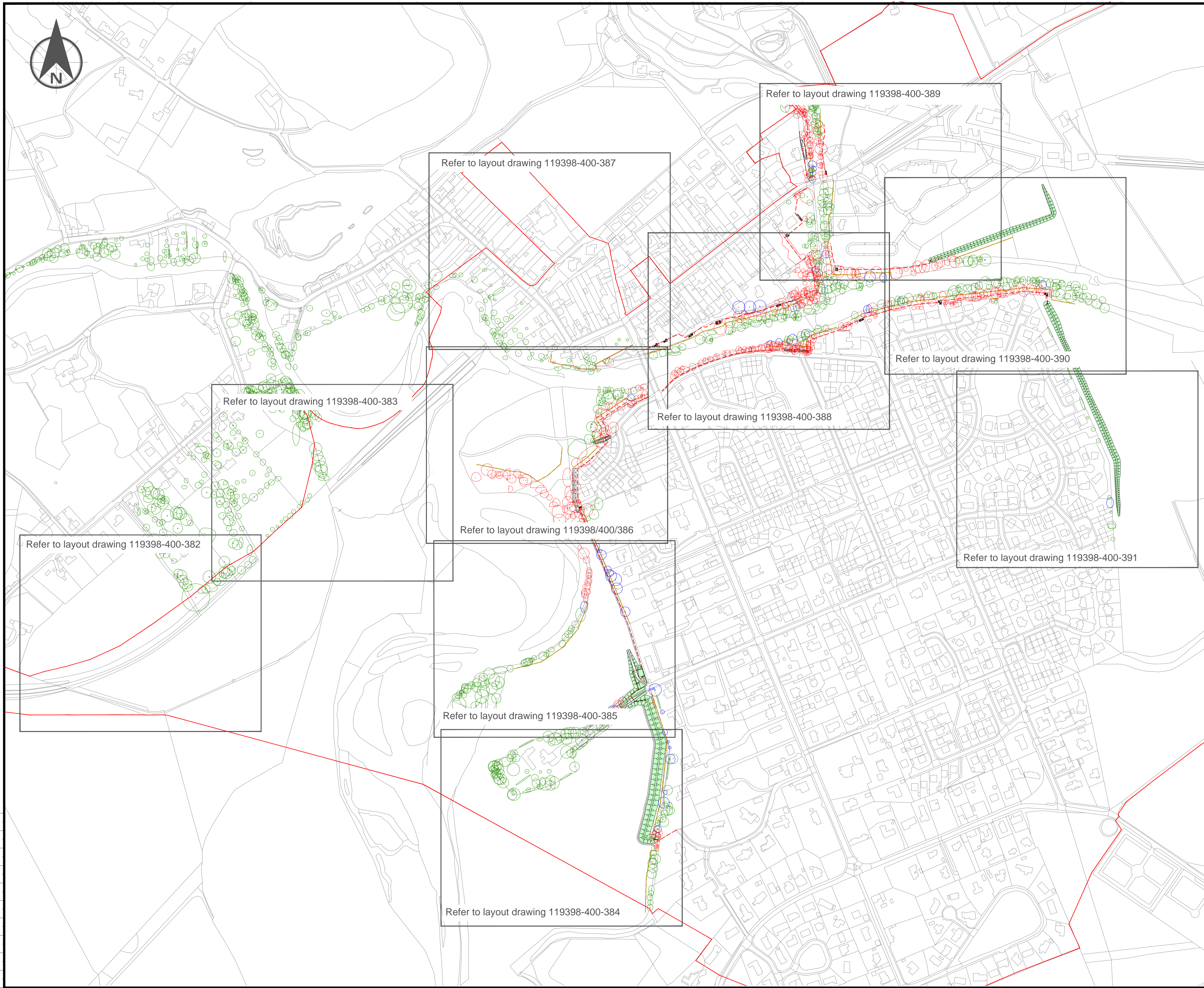
**Trees to be Removed or Retained
Drawings**

Document Control

Document title	Appendix 5.4: Trees to be Removed or Retained Drawings
Originator	Sweco
Checker	Ellie Davies
Approver	Gail Currie
Authoriser	Rebecca McLean
Status	For Information

Revision History

Document title	Date	Description	Author
Appendix 5.4 Trees to be removed or retained drawings	12/02/20	For Information	Ellie Davies



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Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 1 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018

Drawing to be read in conjunction with Sweco drawings:
• Tree Survey Drawings 119398/400/370 to 119398/400/380
• Trees to be Retained and Removed Drawings 119398/400/382 to 119398/400/391

Due to the uncertain nature of tree root zones, the status of existing trees as indicated on this plan may be altered during the development of the design and method to construct the operations in agreement with Perth & Kinross Council.

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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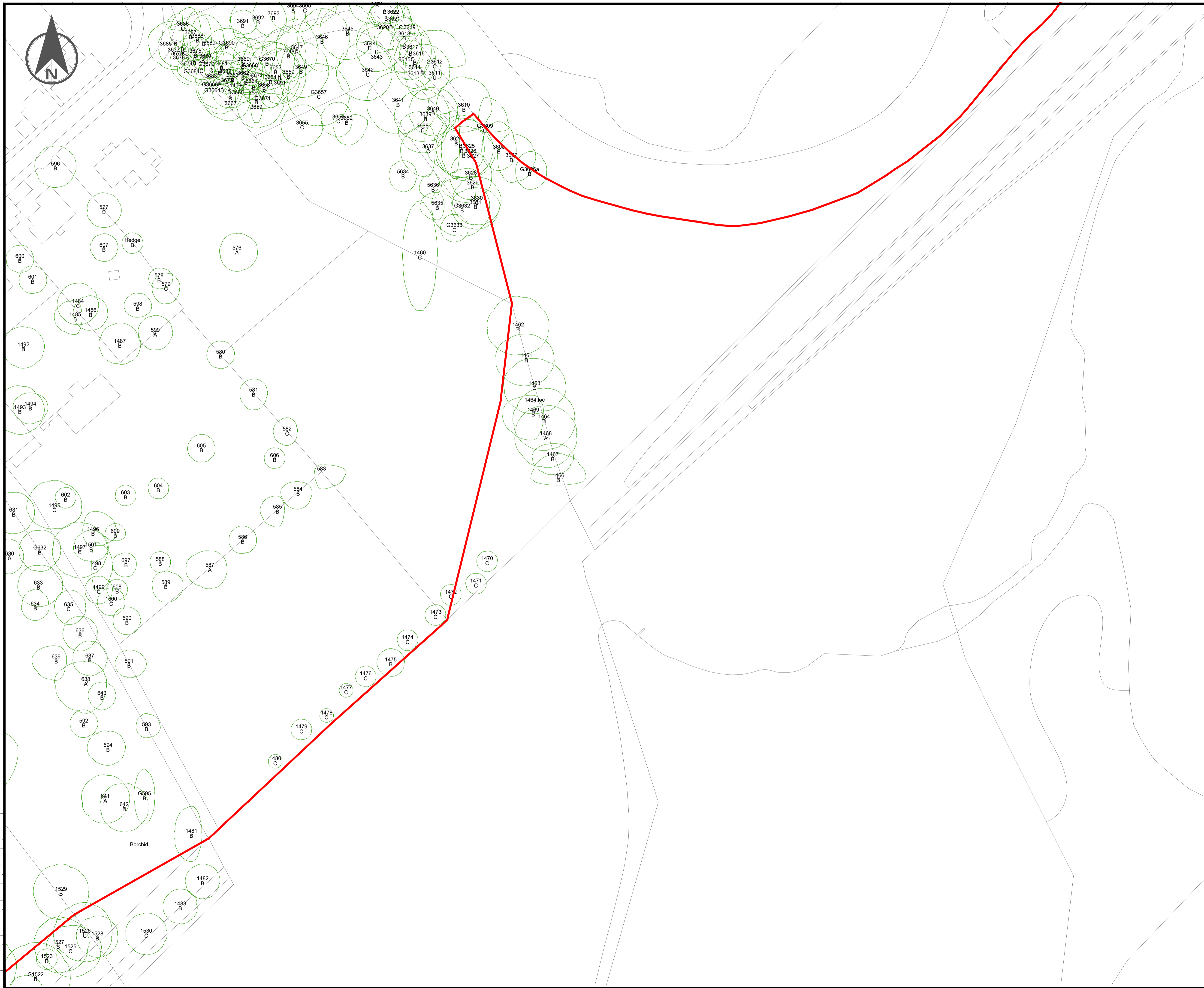
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Drawing Status
FOR INFORMATION

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED DRAWING LAYOUT SHEET

Scale	Designed	Drawn	Checked	Approved
1:2500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	10/12/19	12/02/20
Drawing Number	Revision			
119398/400/381	01			



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KEY

- EIA study area
- Tree to be retained
- Tree to be retained if possible*
- Tree to be removed
- Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

Drawing to be read in conjunction with Sweco drawings:

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— Indicative location of tree protection fencing to BS5837:2012. Where space and ground conditions allow trees are to be protected with tree protection fencing in line with BS5837:2012. Where fully braced fencing is not achievable due to ground conditions, trees would be protected with heras fencing supported by posts. It is proposed that the Contractor would commission an Arboriculturalist to carry out a watching brief of the construction works particularly during vegetation clearance works and in positioning of tree protection fencing. Root pruning is planned being supervised by a consultant arboriculturalist.

Structures Key

- - - Proposed flood wall with agreed finish and coping
- Proposed bund (with impermeable core where required)
- Proposed fence line
- Proposed gate access
- Proposed pedestrian / vehicle access ramp
- Proposed access stairs
- Proposed low level wall for footpath/ramp

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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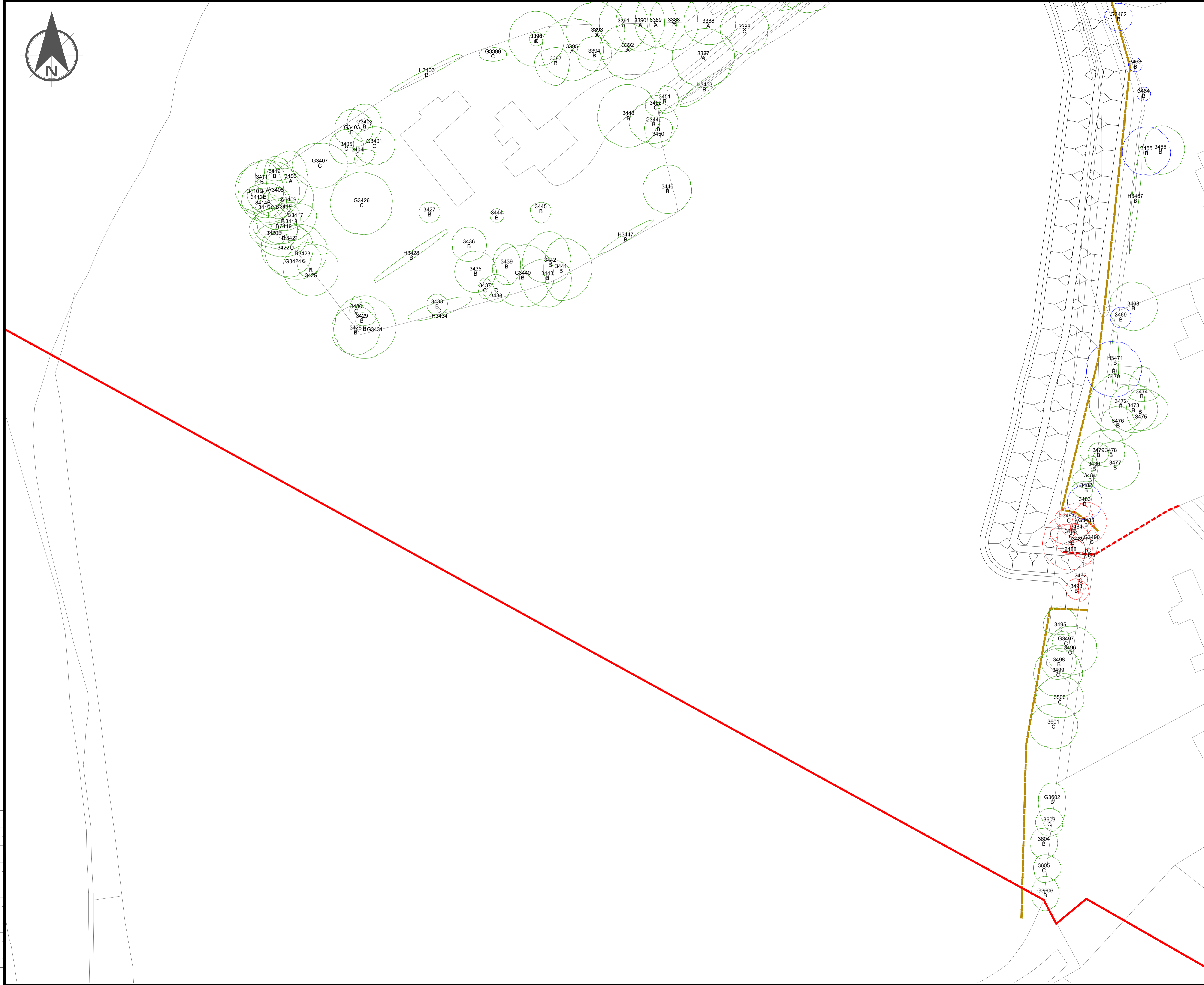
Client

Drawing Status **FOR INFORMATION**

Project Title **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title **TREES TO BE REMOVED AND RETAINED SHEET 2 OF 10**

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
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119398/400/383	01			



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KEY

- EIA study area
- Tree to be retained
- Tree to be retained if possible*
- Tree to be removed
- Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/370 to 119398/400/380
- Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391
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Structures Key

- - - Proposed flood wall with agreed finish and coping
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- Proposed fenceline
- Proposed gate access
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- Proposed access stairs
- Proposed low level wall for footpath/ramp

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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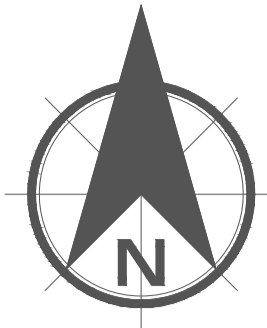
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Drawing Status **FOR INFORMATION**

Project Title **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title **TREES TO BE REMOVED AND RETAINED SHEET 3 OF 10**

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number	Revision			
119398/400/384	01			



Trees shown within gardens as retained if possible. The trees sit to the east of an existing flood wall and ditch which should prevent the roots from spreading west. This can only be determined on site. There is a high chance of retaining these trees with careful construction methods.

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- KEY**
- EIA study area
 - Tree to be retained
 - Tree to be retained if possible*
 - Tree to be removed

 Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/370 to 119398/400/380
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- Structures Key**
- - - Proposed flood wall with agreed finish and coping
 - Proposed bund (with impermeable core where required)
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Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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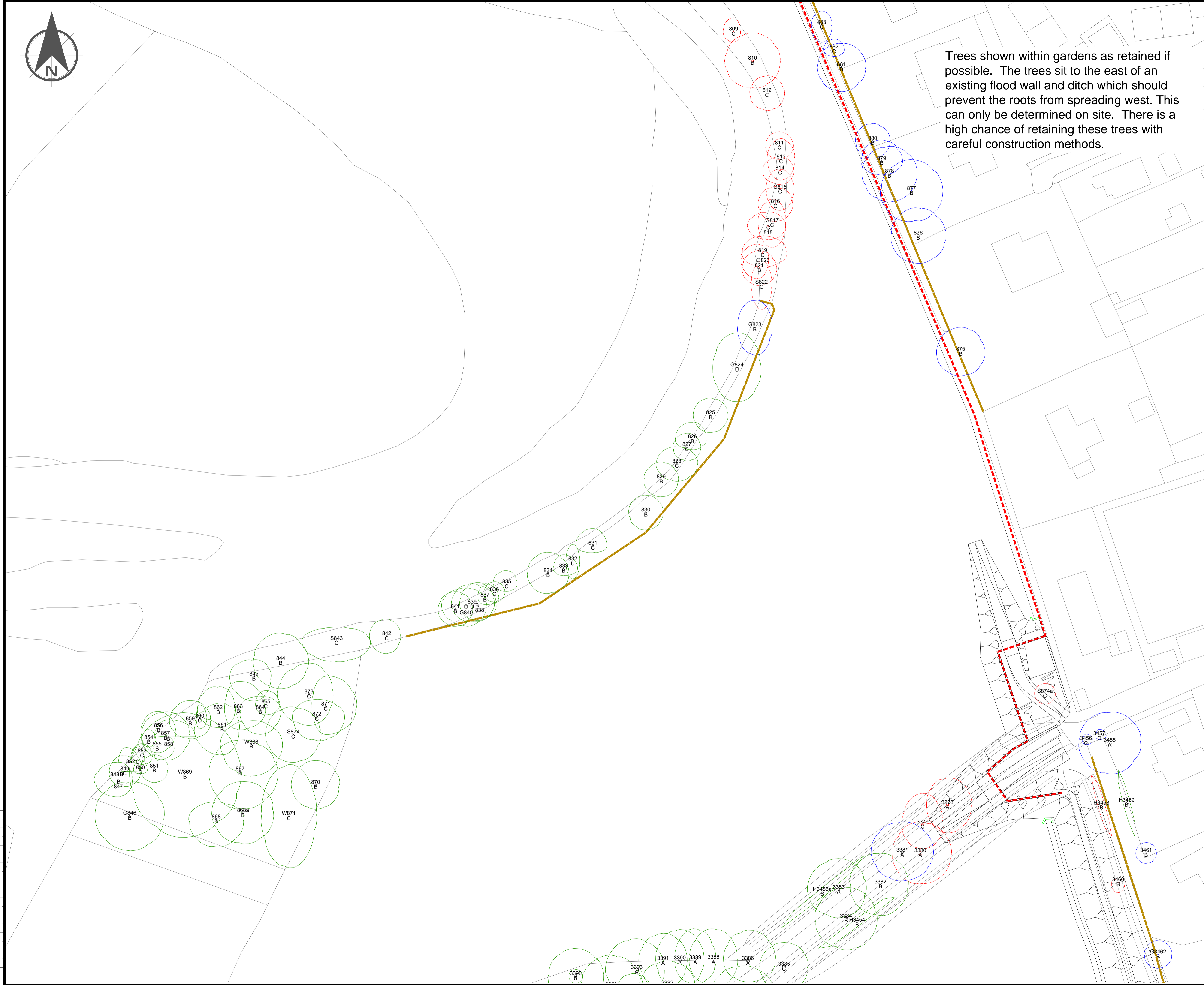
Client
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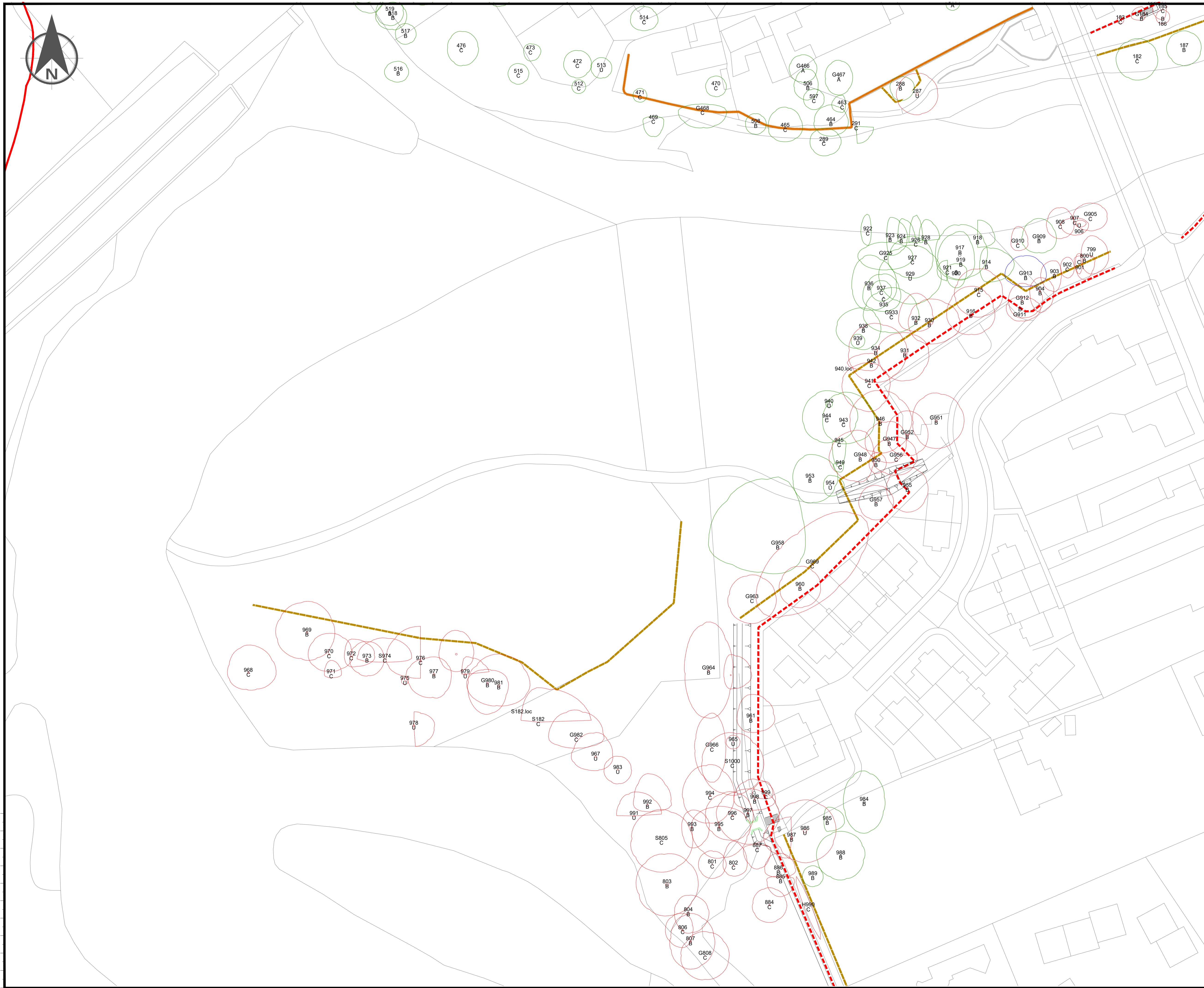
Drawing Status
FOR INFORMATION

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED SHEET 4 OF 10

Scale	Designed	Drawn	Checked	Approved
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Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number				Revision
119398/400/385				01





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- KEY**
- EIA study area
 - Tree to be retained
 - Tree to be retained if possible*
 - Tree to be removed

Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

- Drawing to be read in conjunction with Sweco drawings:
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- Structures Key**
- Proposed flood wall with agreed finish and coping
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Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED SHEET 5 OF 10

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20

Drawing Number
119398/400/386






Revision
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KEY


-  EIA study area
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-  Tree to be retained if possible*
-  Tree to be removed
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




Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/370 to 119398/400/380
- Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391
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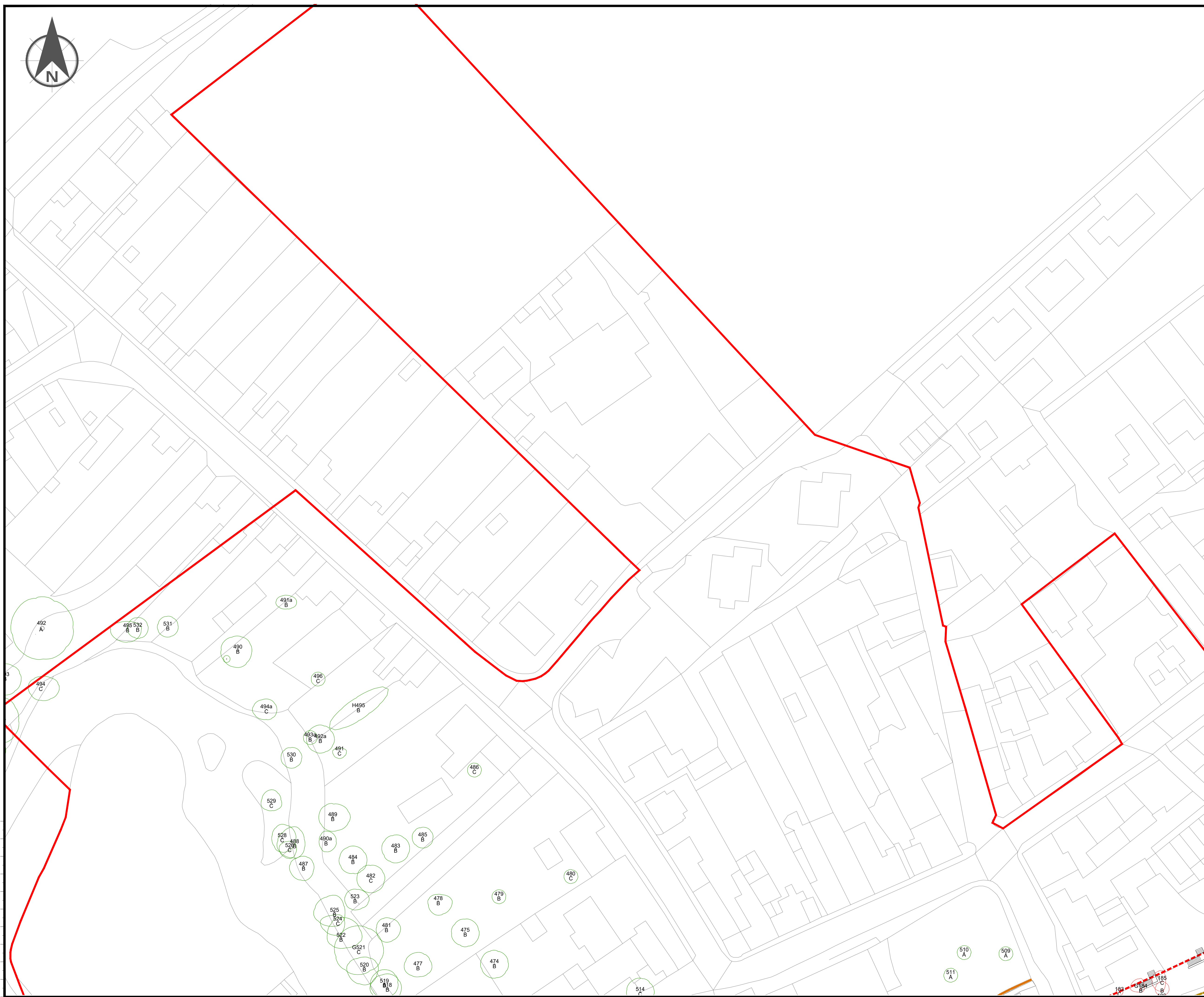
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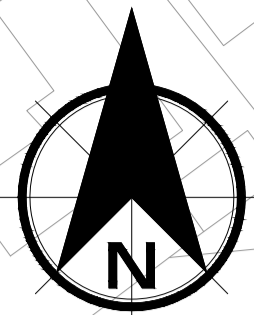
Project Title: **COMRIE FLOOD PROTECTION SCHEME 2020**

Drawing Title: **TREES TO BE REMOVED AND RETAINED SHEET 6 OF 10**

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20

Drawing Number	Revision
119398/400/387	01





Proposed native tree planting of 10-12cm girth feathered trees, native feather form trees height 175 - 200cm and 85m² proposed native woodland planting of 1+1 transplants. Species to include:
 Scots Pine *Pinus sylvestris* 10%
 Oak *Quercus robur* 10%
 Alder *Alnus glutinosa* 15%
 Silver Birch *Betula pendula* 5%
 Downy Birch *Betula pubescens* 10%
 Bird Cherry *Prunus padus* 5%
 Goat Willow *Salix caprea* 5%
 Grey Willow *Salix cinerea* 5%
 Hazel *Corylus avellana* 15%
 Guelder Rose *Viburnum opulus* 5%
 Alder Buckthorn *Frangula alnus* 5%
 Wych Elm *Ulmus glabra* 5%
 Holly *Ilex aquifolium* 5%

Proposed native tree planting of 18-20cm girth extra heavy standard trees, 10-12cm girth feathered trees, native feather form trees height 175-200cm and 232m² proposed native woodland planting of 1+1 transplants. Species to include:
 Scots Pine *Pinus sylvestris* 10%
 Oak *Quercus robur* 10%
 Alder *Alnus glutinosa* 15%
 Silver Birch *Betula pendula* 5%
 Downy Birch *Betula pubescens* 10%
 Bird Cherry *Prunus padus* 5%
 Goat Willow *Salix caprea* 5%
 Grey Willow *Salix cinerea* 5%
 Hazel *Corylus avellana* 15%
 Guelder Rose *Viburnum opulus* 5%
 Alder Buckthorn *Frangula alnus* 5%
 Wych Elm *Ulmus glabra* 5%
 Holly *Ilex aquifolium* 5%

Proposed native tree planting of 14-16cm girth feathered extra heavy trees, native feather form tree height 175 - 200cm and 134m² proposed native woodland planting of 1+1 transplants. Species to include:
 Oak *Quercus robur* 10%
 Alder *Alnus glutinosa* 15%
 Silver Birch *Betula pendula* 5%
 Downy Birch *Betula pubescens* 5%
 Bird Cherry *Prunus padus* 3%
 Blackthorn *Prunus spinosa* 5%
 Rowan *Sorbus aucuparia* 2%
 Grey Willow *Salix cinerea* 10%
 Goat Willow *Salix caprea* 5%
 Alder Buckthorn *Frangula alnus* 2.5%
 Buckthorn *Rhamnus catharticus* 2.5%
 Guelder Rose *Viburnum opulus* 5%
 Hazel *Corylus avellana* 20%
 Holly *Ilex aquifolium* 5%
 Wych Elm *Ulmus glabra* 5%

Note:
 Proposed ornamental shrub and herbaceous planting species to include:
 Ajuga reptans, Aquilegia vulgaris, Cytisus scoparius, Deschampsia cespitosa, Dryopteris cristata, Dryopteris felix-mas, Geranium pratense, Hamamelis mollis, Helleborus foetidus, Luzula sylvatica, Persicaria bistorta 'Superba', Polygodium vulgare, Primula veris, Rosa pimpinellifolia, Viburnum opulus compactum.

Proposed Riverside Wildflower Seed Mix
 Scotia Seeds Wet Meadow Mix or similar approved. Species include the following:
Wildflowers:
 Achillea ptarmica, Centaurea nigra, Cirsium palustre, Filipendula ulmaria, Geranium pratense, Geum rivale, Hypericum tetrapterum, Hypochaeris radicata, Iris pseudacorus, Leucanthemum vulgare, Lotus uliginosus, Plantago lanceolata, Prunella vulgaris, Ranunculus acris, Rhinanthus minor, Rumex acetosa, Scoroneroides autumnalis, Silene flos-cuculi, Succisa pratensis.
Grasses:
 Agrostis capillaris, Alopecurus pratensis, Carex ovalis, Juncus articulatus, Juncus squarrosus, Deschampsia cespitosa, Festuca rubra ssp. commutata, Poa pratensis.

Area of Legion Park to be landscaped to reconfigure the entrance and provide a multi-use carpark/ events space with seating and planting. Design information to be provided at detailed design stage.

Proposed native tree planting of 14-16cm girth feathered extra heavy trees and 10-12cm girth. Species mix to include:
 Oak *Quercus robur*
 Alder *Alnus glutinosa*

NOTES

- KEY**
- EIA study area
 - Existing tree to be retained (surveyed)
 - Existing tree to be retained if possible (surveyed)
 - Existing woodland and trees to be retained (not surveyed)
 - Existing amenity grass to be made good as required
 - Woodland floor. Areas disturbed during construction managed to naturally regenerate.
 - Proposed native woodland planting - 1+1 transplants planted at 2m centres
 - Proposed native feather form tree height 175-200cm
 - Proposed native feather form tree girth 10-12cm, height 300-350cm
 - Proposed native feather form extra-heavy tree girth 14-16cm, height 425-600cm
 - Proposed native extra heavy standard tree girth 18-20cm, height 450-500cm
 - Proposed native semi-mature standard tree girth 20-25cm, height 500-550cm
 - Proposed native wildflower riverbank seeding
 - Proposed ornamental shrub and herbaceous planting.
 - Proposed pre-established wildflower coir rolls.
 - Proposed embankment seed mix
 - Proposed swale seed mix
 - Indicative areas within gardens to be reinstated
 - Proposed path with bound surface treatment
 - Proposed footpath with unbound compacted whin dust surface treatment
 - Existing areas of grassland / agricultural land to be retained. Areas disturbed during construction to be reinstated.
 - Area where landscape details are to be provided at detailed design stage.
 - Location of root wad revetment

Note:
 All proposed tree planting is to be protected from grazing. 1.8m high rabbit, deer and beaver proof fencing is to be erected around all areas of woodland transplant planting. Individual trees when not planted as part of a woodland transplant group, are to be protected with 1.8m high weld mesh tree guards.

Rev.	Date	Amendment Details	Drawn	Chk'd	App'd

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Client

PERTH & KINROSS COUNCIL

Drawing Status
FOR INFORMATION

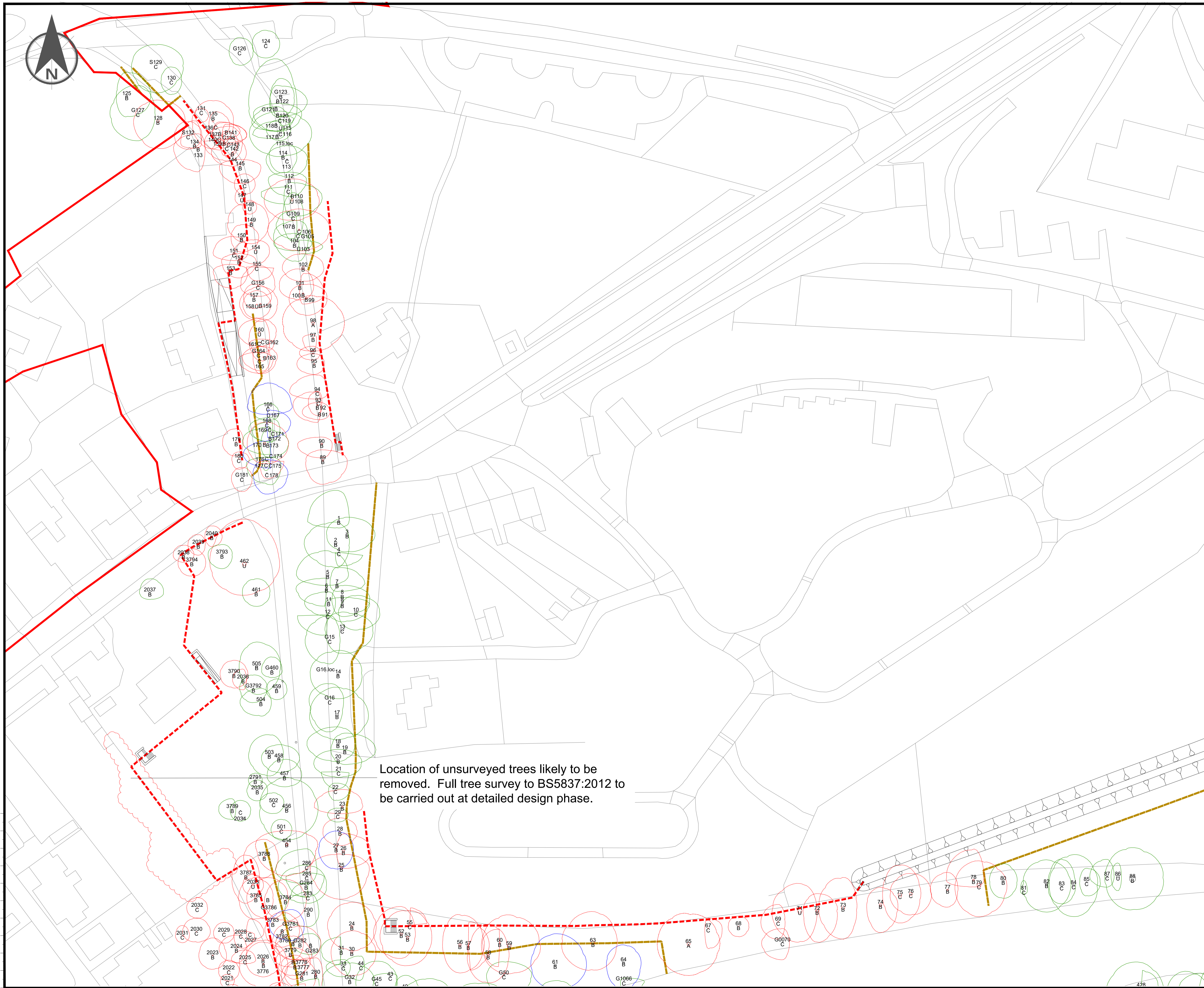
Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
**OUTLINE LANDSCAPE PROPOSALS
 Layout Sheet 7 of 10**

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number	Revision			
119398/400/357				01

- STRUCTURES KEY**
- Proposed flood wall with agreed finish and coping
 - Proposed bund (with impermeable core where required)
 - Proposed fence line
 - Proposed gate access
 - Proposed pedestrian / vehicle access ramp
 - Proposed access stairs
 - Proposed low level wall for Boulevard ramped footpath

NOTE
 Drawing to be read in conjunction with Sweco Drawings:
 • 119398/400/370 to 119398/400/380 Tree Survey Drawings
 • 119398/400/381 to 119398/400/391 Trees to be Retained and Removed Drawings
 • 119398/400/350 to 119398/400/360 Outline Landscape Proposals
 • Comrie Flood Protection Scheme Arboricultural Report Part I & Part II, The Tree Inspector, July 2018
 • Due to the uncertain nature of tree root zones, the status of existing trees as indicated on this plan may be altered during the development of the design and method to construct the operations in agreement with Perth & Kinross Council.



Location of unsurveyed trees likely to be removed. Full tree survey to BS5837:2012 to be carried out at detailed design phase.

NOTES

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- KEY**
- EIA study area
 - Tree to be retained
 - Tree to be retained if possible*
 - Tree to be removed

⬭ Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

- Drawing to be read in conjunction with Sweco drawings:
- Tree Survey Drawings 119398/400/370 to 119398/400/380
 - Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391
 - Due to the uncertain nature of tree root zones, the status of existing trees as indicated on this plan may be altered during the development of the design and method to construct the operations in agreement with Perth & Kinross Council.

*Trees where there is less than 10% of the calculated rootzone within the working width or subject to other factors which suggest retention may be possible. Works that affect these trees should refer to guidance within BS 5837:2012 *Trees in relation to design, demolition and construction - Recommendations*

— Indicative location of tree protection fencing to BS5837:2012. Where space and ground conditions allow trees are to be protected with tree protection fencing in line with BS5837:2012. Where fully braced fencing is not achievable due to ground conditions, trees would be protected with heras fencing supported by posts. It is proposed that the Contractor would commission an Arboriculturalist to carry out a watching brief of the construction works particularly during vegetation clearance works and in positioning of tree protection fencing. Root pruning is planned being supervised by a consultant arboriculturalist.

- Structures Key**
- - - Proposed flood wall with agreed finish and coping
 - ⬭ Proposed bund (with impermeable core where required)
 - ⬭ Proposed fenceline
 - ⬭ Proposed gate access
 - ⬭ Proposed pedestrian / vehicle access ramp
 - ⬭ Proposed access stairs
 - ⬭ Proposed low level wall for footpath/ramp

Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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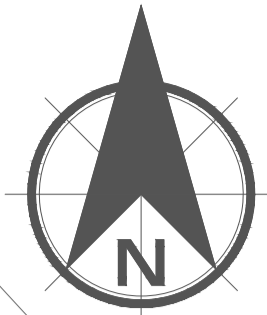
Client
PERTH & KINROSS COUNCIL

Drawing Status
FOR INFORMATION

Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED SHEET 8 OF 10

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number				Revision
119398/400/389				01



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KEY

- EIA study area
- Tree to be retained
- Tree to be retained if possible*
- Tree to be removed
- Location of approximately 20 unsurveyed trees which are likely to be removed to allow for the scheme. Tree survey to BS5837:2012 to take place at detailed design phase.

Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/370 to 119398/400/380
- Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391
- Due to the uncertain nature of tree root zones, the status of existing trees as indicated on this plan may be altered during the development of the design and method to construct the operations in agreement with Perth & Kinross Council.

*Trees where there is less than 10% of the calculated rootzone within the working width or subject to other factors which suggest retention may be possible. Works that affect these trees should refer to guidance within BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations

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Structures Key

- Proposed flood wall with agreed finish and coping
- Proposed bund (with impermeable core where required)
- Proposed fence/line
- Proposed gate access
- Proposed pedestrian / vehicle access ramp
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Rev.	Date	Amendment Details	Dr'n	Chk'd	App'd

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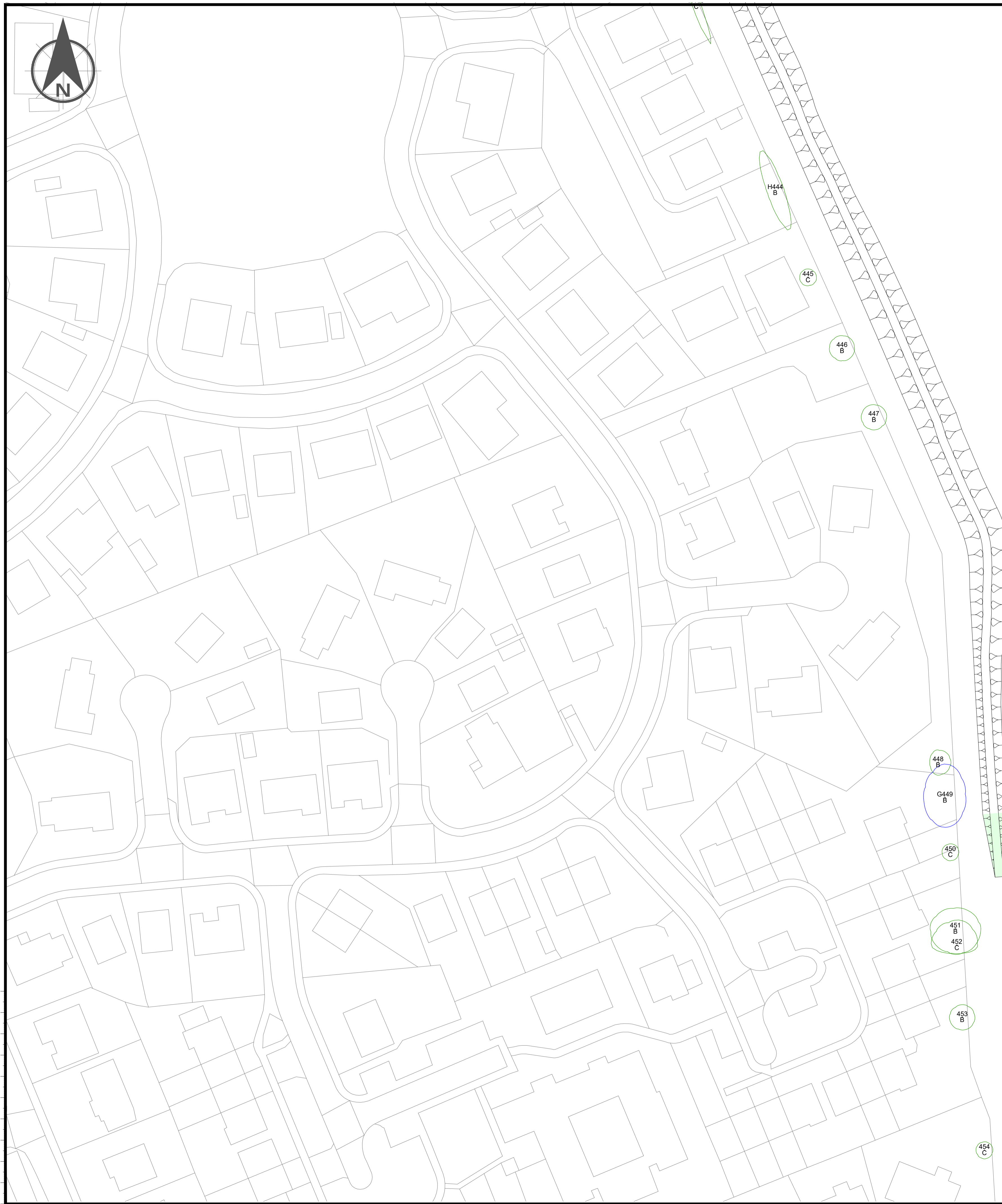
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Drawing Status
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Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED SHEET 9 OF 10

Scale	Designed	Drawn	Checked	Approved
1:500	ED	ED	PB	PB
Original Size	Date	Date	Date	Date
A1	12/02/20	12/02/20	12/02/20	12/02/20
Drawing Number	Revision			
119398/400/390	01			



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Drawing information taken from Comrie Flood Protection Scheme Arboricultural Report Part 2 The Tree Inspector, July 2018. Drawing to be read in conjunction with Comrie Flood Protection Scheme Arboricultural Report Parts 1 and 2, The Tree Inspector, July 2018.

Drawing to be read in conjunction with Sweco drawings:

- Tree Survey Drawings 119398/400/370 to 119398/400/380
- Trees to be Retained and Removed Drawings 119398/400/381 to 119398/400/391
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Project Title
COMRIE FLOOD PROTECTION SCHEME 2020

Drawing Title
TREES TO BE REMOVED AND RETAINED SHEET 10 OF 10

Scale	1:500	Designed	ED	Drawn	ED	Checked	PB	Approved	PB	
Original Size	A1	Date	12/02/20	Date	12/02/20	Date	12/02/20	Date	12/02/20	
Drawing Number	119398/400/391								Revision	01