

Protection and Retention of Existing Vegetation

The Contractor is to exercise extreme care when undertaking operations below the canopy of existing trees / vegetation and within the specified Root Protection Areas designated for protection and at all times avoid damage to the roots, trunk and existing tree architecture.

Any excavations, cultivation and grading below the canopy of existing trees and within the specified Root Protection Areas of the existing trees / vegetation is to be carried out using hand tools only, taking great care not to damage or disturb any existing tree roots.

Tree roots measuring <25mm may be severed using specialist hand tools only and to the absolute minimum extent required - wherever possible tree roots must be left intact. Exposed roots should be immediately wrapped in dry hessian sacking or coconut matting in order to prevent drying and as a temporary measure can be surrounded with

a loose granular fill prior to backfilling with the excavated topsoil.

All trees to be retained on site are to be protected with fencing erected around the area of vegetation in accordance with the guidelines as laid out in BS 5837:2012; 'Trees in Relation to Design, Demolition and Construction - Recommendations' and as specified.

The fencing is to be installed and maintained during the entire construction program by the contractor who will be responsible for ensuring the area below the canopy of existing trees and within the specified Root Protection Areas is protected at all times.

The positioning / setting out of all temporary tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.

The installed protective fencing is to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing (or similar and approved) secured to a scaffolding framework, set into the existing ground and positioned to the outside edge of the existing tree Root Protection Areas as specified. All tree protection to be in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition, and Construction recommendations'.

The fencing is to be fixed securely and where possible attached to fences, walls, knee rails etc to ensure a robust temporary fence and a completely protected area. Day-glo ribbons or similar are to be attached to the top of the fencing to ensure it is clearly visible and these will be maintained for the entirety of the construction program by the main contractor. Fencing will enclose the full tree root protection areas as specified.

All tree protection fencing is to be maintained for the full contract period. All excavations, earthworks and cultivation

within the specified tree root protection areas and below the canopy spread of any existing tree, shrub or hedge will be undertaken with hand tools only. Repositioning of the protective fencing during the course of the construction works as the contract works progress will be with the approval of the Landscape Architect.

following the completion of the construction works, the Contractor will remove all temporary protective fencing from the site. All retained vegetation is to be healthy and thriving at the handover date. Within the specified tree root protection area the following activities must not take place;

- No vehicles are to be used in the fenced off areas;
- No materials are to be stockpiled or stored;
- No chemicals are to be stored;
- No excavation / increase in soil levels will occur;
- No fires shall be lit on site.

Removal of Existing Vegetation

All existing trees designated for removal are to be removed in accordance with the Tree Protection and Retention Drawing. All tree work and removal is to be carried out in accordance with BS 5837:2012; 'Trees in Relation to Design, Demolition, and Construction'. Trees designated for removal and felling are to be marked on site with white paint.

Prior to the removal and felling of trees the required work and tree positions are to be agreed on site with the Landscape Architect / arboriculture professional. Trees designated for removal are to be felled prior to the erection of any tree protective fencing. Great care should be taken to avoid damage to trees which are designated to be retained.

Stumps are to be removed and cut away so that the top of the stump is at least 450 mm (minimum) below the final topsoil level in order that the site can be leveled and grassed over. Stumps are to be treated with an approved herbicide to be agreed with the Landscape Architect.

Tree Surgery

Any significant defects found in the trees during the course of the scheduled work to be reported to the Landscape Architect / arboriculture professional. All work is to be undertaken by an approved and qualified tree surgeon in accordance with BS 3998:2010; 'Tree Surgery'.

Tree and Vegetation Management

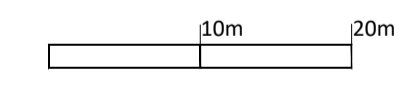
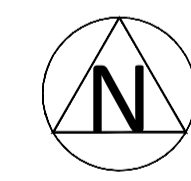
For Tree and Vegetation Retention and Removal Proposals refer to the attached Existing Tree Schedule and Schedule of Tree Works. For any tree and vegetation management prescriptions contained within the Existing Tree Schedule.

KEY

- T 02 / A / RPA: 14.40m** Tree and Shrub Numbers
Tree No. / Category / Tree Root Protection Area
- Existing Woodland Edges**
Existing trees and shrubs forming woodland edges to be retained and protected.
- Existing Tree Specimens**
Existing tree specimens to be retained and protected within the proposed scheme.
- Existing tree Groups / Lines**
Existing tree groups proposed to be retained and protected.
- Existing Hedgerow to be Removed**
Existing hedgerow to be removed to facilitate the proposed landform.
- Category A Trees**
Existing trees (root protection areas) assessed to be 'Category A': high quality and value
- Category B Trees**
Existing trees (root protection areas) assessed to be 'Category B': moderate quality and value
- Category C Trees**
Existing trees (root protection areas) assessed to be 'Category C': low quality and value
- Tree Protection Fencing**
Tree Protection Fencing as specified within BS5837: 'Trees in Relation to Design, Demolition and Construction - Recommendations'. Fencing to be 2.0m high welded mesh Heras fencing, secured to a scaffolding framework set into the existing ground and located to the outside edge of the specified Tree Root Protection Area as indicated.
- As Built Contours (July 2019)**
- Proposed Wilkie Contours**

NOTES

All tree surgery works are to be carried out by an appropriately qualified tree surgeon to BS 3998:2010; 'Tree Surgery'. Refer to accompanying Existing Tree Schedule for further details. The original of this drawing was produced in colour - a monochrome copy should not be relied upon. The information contained within this drawing and accompanying Existing Tree Schedule is not intended as a safety audit and should not be interpreted as such. As a topographical survey was not available at the time of the tree survey, the positioning / setting out of the tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.



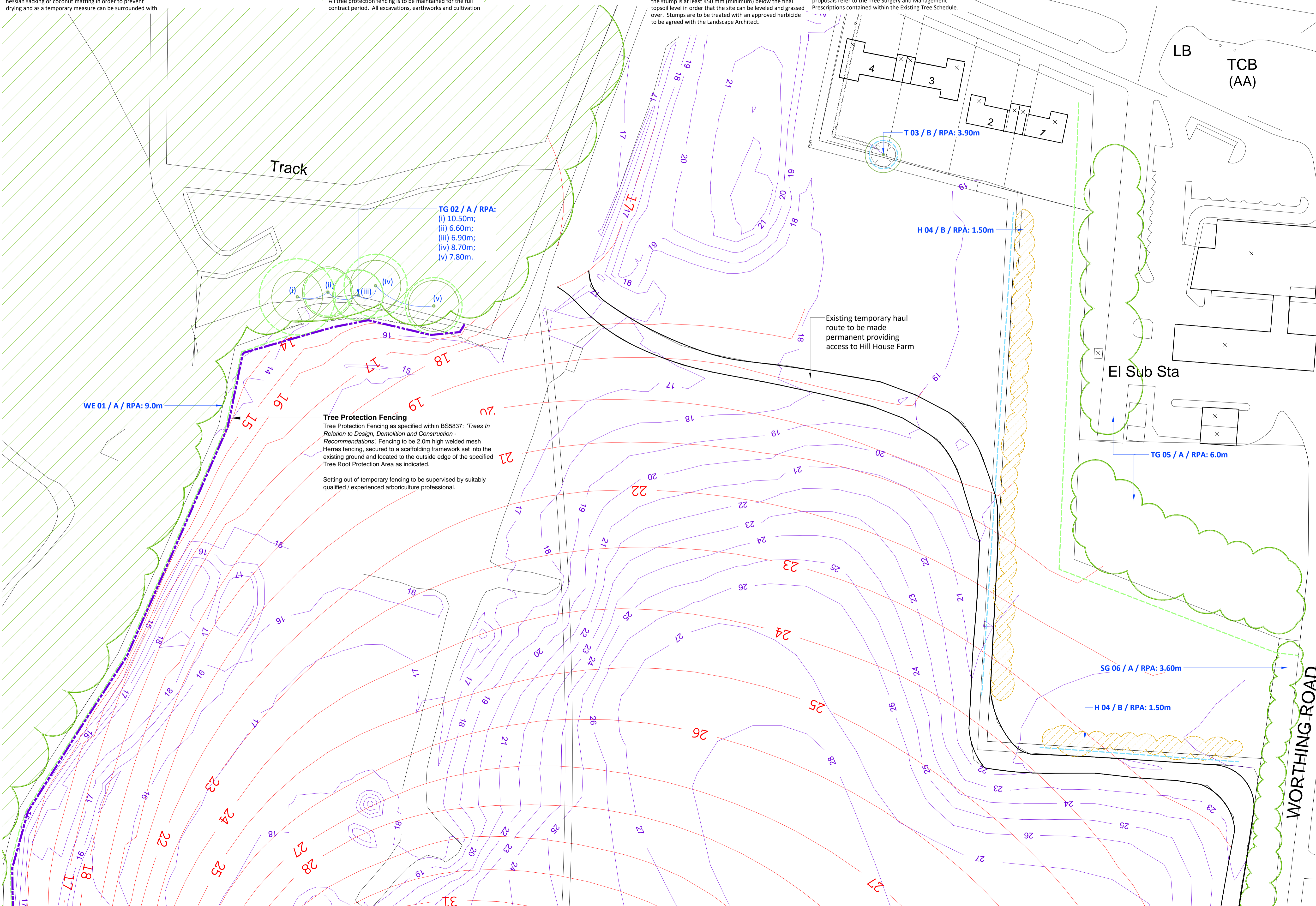
| REV | DESCRIPTION | DATE | INITIALS |
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| 02 | Layout updated for planning | 18-12-19 | AR |

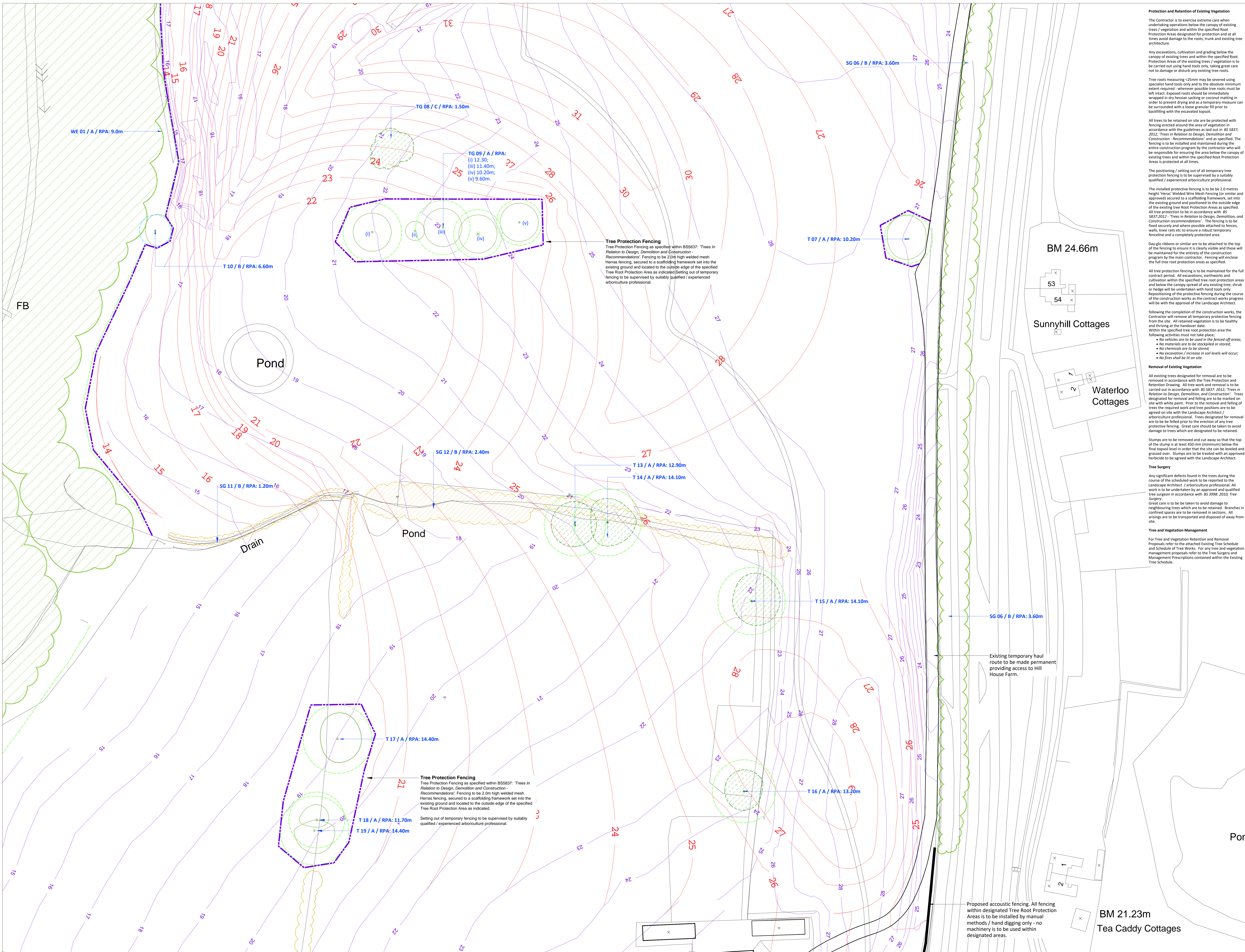
Ramsay & Co
Landscape Architecture

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Project Title:
Knepp Castle Estate, West Grinstead, Nr Horsham
The Mathews Group
Drawing Title:
Tree Protection Drawing
Sheet 01 of 05

| | | |
|---------------------------------|-----------------|-------------------|
| Scale: 1:500@A1 | Drawn: AR | Date: 20-11-19 |
| Drawing Number: RCO 201 / 07 | Revision: 02 | |





Protection and Retention of Existing Vegetation

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Any excavation, cultivation and grading below the canopy of existing trees and within the specified Root Protection Areas of the existing trees / vegetation is to be carried out using hand tools only, taking great care not to damage or disturb any existing tree roots.

Tree roots measuring 25mm may be severed using specialist hand tools only and to the absolute minimum extent required - wherever possible tree roots must be left intact. Exposed roots should be immediately wrapped in dry hessian sack or coconut matting in order to prevent drying and as a temporary measure can be surrounded with a loose granular fill prior to backfilling with the excavated topsoil.

All trees to be retained on site are to be protected with fencing erected around the area of vegetation in accordance with the guidelines as laid out in BS 5837:2012 'Trees in Relation to Design, Demolition and Construction - Recommendations' and as specified. The fencing is to be installed and maintained during the entire construction program by the contractor who will be responsible for ensuring the area below the canopy of existing trees and within the specified Root Protection Areas is protected at all times.

The positioning / setting out of all temporary tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.

The installed protective fencing is to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing (or similar and approved) secured to a scaffolding framework (or similar) to the existing ground and positioned to the outside edge of the existing tree Root Protection Areas as specified. All tree protection is to be in accordance with BS 5837:2012 'Trees in Relation to Design, Demolition, and Construction recommendations'. The fencing is to be fixed securely and where possible attached to fences, walls, knee rails etc to ensure a robust temporary fence line and a completely protected area.

Day dig ribbons or similar are to be attached to the top of the fencing to ensure it is clearly visible and these will be maintained for the entirety of the construction program in the main contract. Fencing will enclose the full tree root protection areas as specified.

All tree protection fencing is to be maintained for the full contract period. All excavations, earthworks and cultivation within the specified tree root protection areas and below the canopy spread of any existing tree, shrub or hedge will be undertaken with hand tools only. Repositioning of the protective fencing during the course of the construction works as the contract works progress will be with the approval of the Landscape Architect.

Following the completion of the construction works, the Contractor will remove all temporary protective fencing from the site. All retained vegetation is to be healthy and thriving at the handover date.

Within the specified tree root protection area the following activities must not take place:

- No materials are to be stockpiled or stored;
- No chemicals are to be stored;
- No excavation / increase in soil levels will occur;
- No fires shall be lit on site.

Removal of Existing Vegetation

All existing trees designated for removal are to be removed in accordance with the Tree Protection and Retention Drawing. All tree work and removal is to be carried out in accordance with BS 5837:2012 'Trees in Relation to Design, Demolition, and Construction'. Trees designated for removal and felling are to be marked on site with white paint. Prior to the removal and felling of trees the required work and tree positions are to be agreed on site with the Landscape Architect / arboriculture professional. Trees designated for removal are to be felled prior to the erection of any tree protective fencing. Great care should be taken to avoid damage to trees which are designated to be retained.

Stumps are to be removed and cut away so that the top of the stump is at least 450 mm (minimum) below the final topsoil level in order that the site can be leveled and grassed over. Stumps are to be treated with an approved herbicide to be agreed with the Landscape Architect.

Tree Surgery

Any significant defects found in the trees during the course of the scheduled work to be reported to the Landscape Architect / arboriculture professional. All work is to be undertaken by an approved and qualified tree surgeon in accordance with BS 3998:2010 Tree Surgery.

Great care is to be taken to avoid damage to neighbouring trees which are to be retained. Branches in confined spaces are to be removed in sections. All airings are to be transported and disposed of away from site.

Tree and Vegetation Management

For Tree and Vegetation Retention and Removal Proposals refer to the attached Existing Tree Schedule and Schedule of Tree Works. For any tree and vegetation management proposals refer to the Tree Surgeon and Management Prescriptions contained within the Existing Tree Schedule.

KEY

T 02 / A / RPA: 14.40m Tree and Shrub Numbers
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Existing Woodland Edges
Existing trees and shrubs forming woodland edges to be retained and protected.

Existing Tree Specimens
Existing tree specimens to be retained and protected within the proposed scheme.

Existing Tree Specimens
Existing tree specimens proposed to be removed.

Existing tree Groups / Lines
Existing tree groups proposed to be retained and protected.

Existing tree Groups / Lines
Existing tree groups proposed to be removed.

Existing Shrub / Informal Hedgerows
Existing shrub / informal hedgerows proposed to be removed.

Category A Trees
Existing trees (root protection areas) assessed to be Category A: high quality and value.

Category B Trees
Existing trees (root protection areas) assessed to be Category B: moderate quality and value.

Category C Trees
Existing trees (root protection areas) assessed to be Category C: low quality and value.

Tree Protection Fencing
Tree Protection Fencing as specified within BS5837: 'Trees in Relation to Design, Demolition and Construction - Recommendations'. Fencing to be 2.0m high welded mesh Heras fencing, secured to a scaffolding framework set into the existing ground and located to the outside edge of the specified Tree Root Protection Area as indicated.

As Built Contours (July 2019)

Proposed Wilkie Contours

NOTES

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Refer to accompanying Existing Tree Schedule for further details.

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As a topographical survey was not available at the time of the tree survey, the positioning / setting out of the tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.

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Project File:
Knepp Castle Estate, West Grinstead, Nr Horsham
The Mathews Group
Drawing Title:
Tree Protection Drawing
Sheet 02 of 05

Scale: 1:500@A0
Drawing Number: RCo 201 / 08
Date: 20-11-19
Revision: 02

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All tree protection fencing is to be maintained for the full contract period. All excavations, earthworks and cultivation within the specified tree root protection areas and below the canopy spread of any existing tree; shrub or hedge will be undertaken with hand tools only. Repositioning of the protective fencing during the course of the construction works as the contract works progress will be with the approval of the Landscape Architect.

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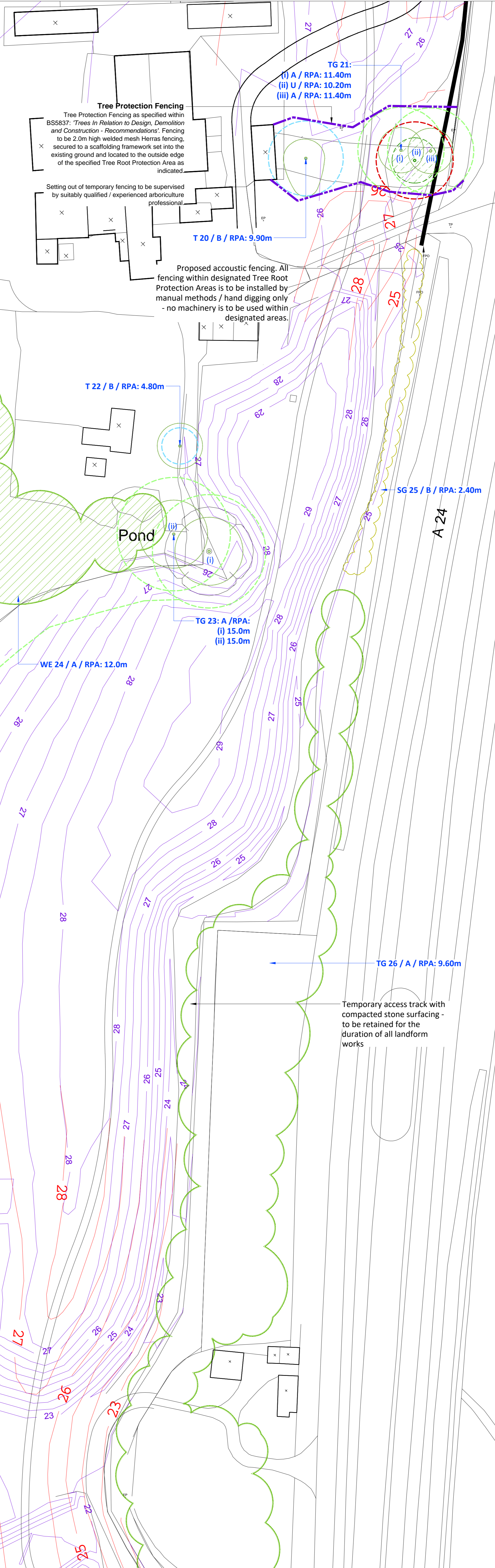
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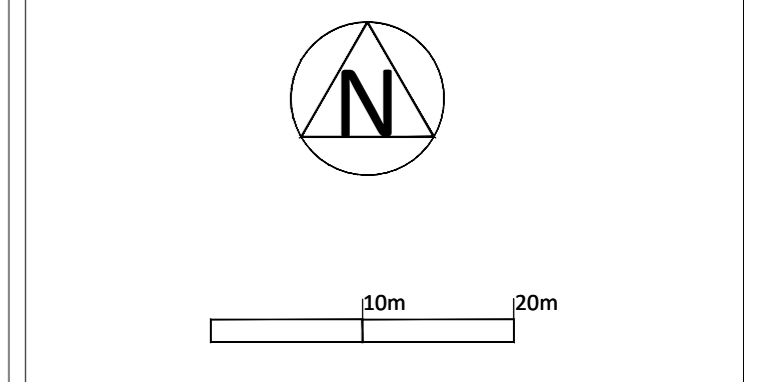


KEY

- Tree and Shrub Numbers**
Tree No. / Category / Tree Root Protection Area
T 02 / A / RPA: 14.40m
- Existing Woodland Edges**
Existing trees and shrubs forming woodland edges to be retained and protected.
- Existing Tree Specimens**
Existing tree specimens to be retained and protected within the proposed scheme.
- Existing Tree Specimens**
Existing tree specimens proposed to be removed.
- Existing tree Groups / Lines**
Existing tree groups proposed to be retained and protected.
- Category A Trees**
Existing trees (root protection areas) assessed to be 'Category A': high quality and value
- Category B Trees**
Existing trees (root protection areas) assessed to be 'Category B': moderate quality and value
- Category C Trees**
Existing trees (root protection areas) assessed to be 'Category B': moderate quality and value
- Category U Trees**
Existing trees (root protection areas) assessed to be 'Category U': dead / dying / to be removed as soon as possible
- Tree Protection Fencing**
Tree Protection Fencing as specified within BS5837: 'Trees in Relation to Design, Demolition and Construction - Recommendations'. Fencing to be 2.0m high welded mesh Heras fencing, secured to a scaffolding framework set into the existing ground and located to the outside edge of the specified Tree Root Protection Area as indicated.
- As Built Contours (July 2019)**
- Proposed Wilkie Contours**

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| REV | DESCRIPTION | DATE | INITIALS |
|-----|--|----------|----------|
| 01 | Layout updated following revisions to layout | 04-12-19 | AR |
| 02 | Layout updated for planning | 18-12-19 | AR |

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Project Title:
The Mathews Group
Drawing Title:
Tree Protection Drawing
Sheet 03 of 05

Scale: 1:500@A1
Drawing: AR
Date: 20-11-19
Drawing Number: RCo 201 / 09
Revision: 02

Protection and Retention of Existing Vegetation

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All tree protection fencing is to be maintained for the full contract period. All excavations, earthworks and cultivation within the specified tree root protection areas and below the canopy spread of any existing tree; shrub or hedge will be undertaken with hand tools only. Repositioning of the protective fencing during the course of the construction works as the contract works progress will be with the approval of the Landscape Architect.

Following the completion of the construction works, the Contractor will remove all temporary protective fencing from the site. All retained vegetation is to be healthy and thriving at the handover date.

- Within the specified tree root protection area the following activities must not take place;
- No vehicles are to be used in the fenced off areas;
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 - No chemicals are to be stored;
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 - No fires shall be lit on site.

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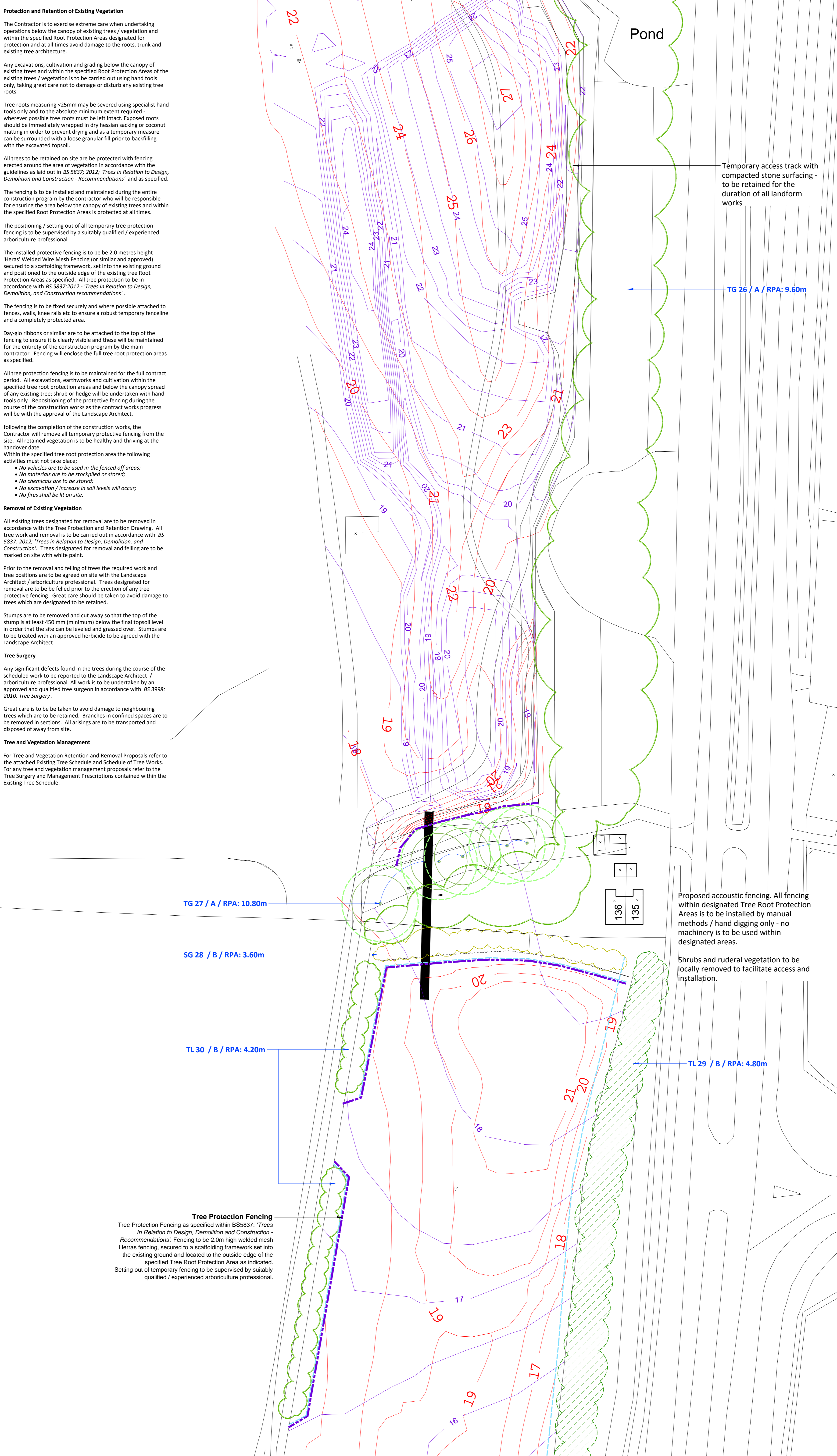
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Tree Protection Fencing

Tree Protection Fencing as specified within BS5837: 'Trees in Relation to Design, Demolition and Construction - Recommendations': Fencing to be 2.0m high welded mesh Heras fencing, secured to a scaffolding framework set into the existing ground and located to the outside edge of the specified Tree Root Protection Area as indicated. Setting out of temporary fencing to be supervised by suitably qualified / experienced arboriculture professional.



KEY

T 02 / A / RPA: 14.40m

Tree and Shrub Numbers
Tree No. / Category / Tree Root Protection Area

Existing Tree Specimens
Existing tree specimens to be retained and protected within the proposed scheme.

Existing tree Groups / Lines
Existing tree groups proposed to be retained and protected.

Existing Shrub Specimens
Existing shrubs / informal hedgerows to be retained and protected within the proposed scheme.

Existing tree Groups / Lines
Existing tree groups proposed to be removed.

Category A Trees
Existing trees (root protection areas) assessed to be Category A: high quality and value

Category B Trees
Existing trees (root protection areas) assessed to be Category B: moderate quality and value

Category C Trees
Existing trees (root protection areas) assessed to be Category C: low quality and value

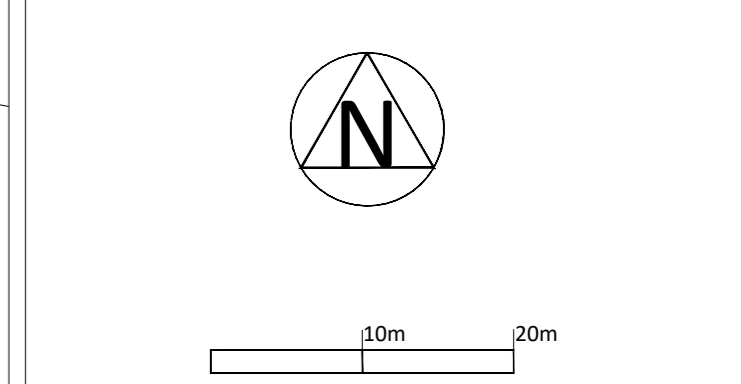
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As Built Contours (July 2019)

Proposed Wilkie Contours

NOTES

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Pond

Temporary access track with compacted stone surfacing - to be retained for the duration of all landform works

TG 26 / A / RPA: 9.60m

TG 27 / A / RPA: 10.80m

SG 28 / B / RPA: 3.60m

TL 30 / B / RPA: 4.20m

Proposed acoustic fencing. All fencing within designated Tree Root Protection Areas is to be installed by manual methods / hand digging only - no machinery is to be used within designated areas.

Shrubs and ruderal vegetation to be locally removed to facilitate access and installation.

TL 29 / B / RPA: 4.80m

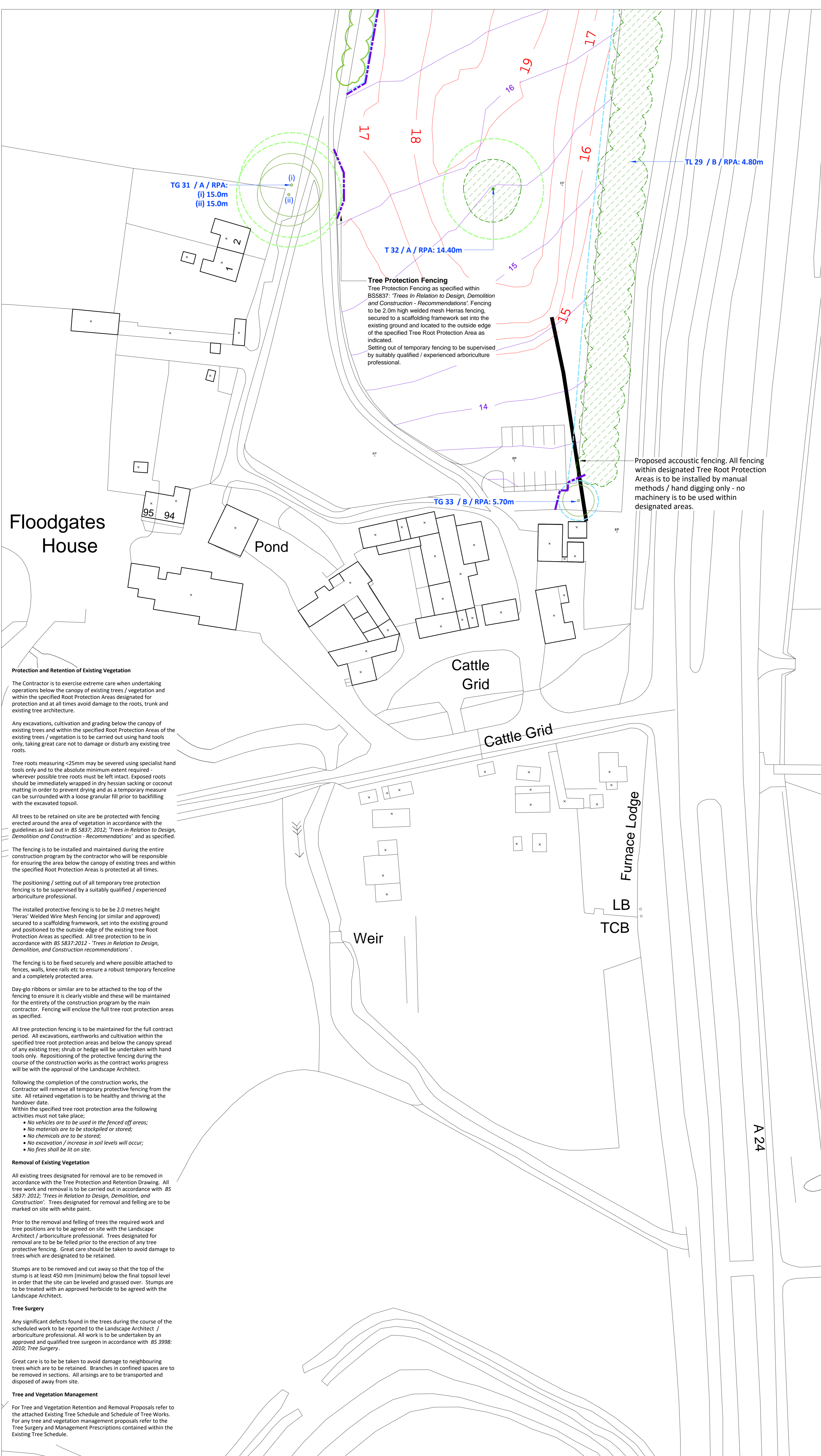
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Tree Protection Drawing
Sheet 04 of 05

Scale: 1:500@A1
Drawing: AR
Date: 20-11-19
Drawing Number: RCo 201 / 10
Revision: 02



KEY

T 02 / A / RPA: 14.40m

Tree and Shrub Numbers
Tree No. / Category / Tree Root Protection Area

Existing Tree Specimens
Existing tree specimens to be retained and protected within the proposed scheme.

Existing Tree Specimens
Existing tree specimens proposed to be removed.

Existing tree Groups / Lines
Existing tree groups proposed to be retained and protected.

Existing tree Groups / Lines
Existing tree groups proposed to be removed.

Category A Trees
Existing trees (root protection areas) assessed to be Category A: high quality and value

Category B Trees
Existing trees (root protection areas) assessed to be Category B: moderate quality and value

Category C Trees
Existing trees (root protection areas) assessed to be Category C: low quality and value

Tree Protection Fencing
Tree Protection Fencing as specified within BS5837: 'Trees In Relation to Design, Demolition and Construction - Recommendations'. Fencing to be 2.0m high welded mesh Herras fencing, secured to a scaffolding framework set into the existing ground and located to the outside edge of the specified Tree Root Protection Area as indicated.
Setting out of temporary fencing to be supervised by suitably qualified / experienced arboriculture professional.

As Built Contours (July 2019)

Proposed Wilkie Contours

NOTES

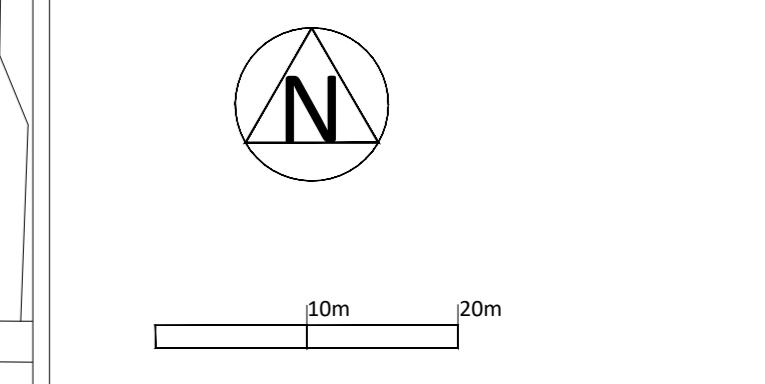
All tree surgery works are to be carried out by an appropriately qualified tree surgeon to BS 3998:2010; Tree Surgery.

Refer to accompanying Existing Tree Schedule for further details.

The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

The information contained within this drawing and accompanying Existing Tree Schedule is not intended as a safety audit and should not be interpreted as such.

As a topographical survey was not available at the time of the tree survey, the positioning / setting out of the tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.



Protection and Retention of Existing Vegetation

The Contractor is to exercise extreme care when undertaking operations below the canopy of existing trees / vegetation and within the specified Root Protection Areas designated for protection and at all times avoid damage to the roots, trunk and existing tree architecture.

Any excavations, cultivation and grading below the canopy of existing trees and within the specified Root Protection Areas of the existing trees / vegetation is to be carried out using hand tools only, taking great care not to damage or disturb any existing tree roots.

Tree roots measuring <25mm may be severed using specialist hand tools only and to the absolute minimum extent required - wherever possible tree roots must be left intact. Exposed roots should be immediately wrapped in dry hessian sacking or coconut matting in order to prevent drying and as a temporary measure can be surrounded with a loose granular fill prior to backfilling with the excavated topsoil.

All trees to be retained on site are protected with fencing erected around the area of vegetation in accordance with the guidelines as laid out in BS 5837:2012; 'Trees in Relation to Design, Demolition and Construction - Recommendations' and as specified.

The fencing is to be installed and maintained during the entire construction program by the contractor who will be responsible for ensuring the area below the canopy of existing trees and within the specified Root Protection Areas is protected at all times.

The positioning / setting out of all temporary tree protection fencing is to be supervised by a suitably qualified / experienced arboriculture professional.

The installed protective fencing is to be 2.0 metres height 'Herras' Welded Wire Mesh Fencing (or similar and approved) secured to a scaffolding framework, set into the existing ground and positioned to the outside edge of the existing tree Root Protection Areas as specified. All tree protection to be in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition, and Construction recommendations'.

The fencing is to be fixed securely and where possible attached to fences, walls, knee rails etc to ensure a robust temporary fence and a completely protected area.

Day-glo ribbons or similar are to be attached to the top of the fencing to ensure it is clearly visible and these will be maintained for the entirety of the construction program by the main contractor. Fencing will enclose the full tree root protection areas as specified.

All tree protection fencing is to be maintained for the full contract period. All excavations, earthworks and cultivation within the specified tree root protection areas and below the canopy spread of any existing tree; shrub or hedge will be undertaken with hand tools only. Repositioning of the protective fencing during the course of the construction works as the contract works progress will be with the approval of the Landscape Architect.

following the completion of the construction works, the Contractor will remove all temporary protective fencing from the site. All retained vegetation is to be healthy and thriving at the handover date.

Within the specified tree root protection area the following activities must not take place:

- No vehicles are to be used in the fenced off areas;
- No materials are to be stockpiled or stored;
- No chemicals are to be stored;
- No excavation / increase in soil levels will occur;
- No fires shall be lit on site.

Removal of Existing Vegetation

All existing trees designated for removal are to be removed in accordance with the Tree Protection and Retention Drawing. All tree work and removal is to be carried out in accordance with BS 5837: 2012; 'Trees in Relation to Design, Demolition, and Construction'. Trees designated for removal and felling are to be marked on site with white paint.

Prior to the removal and felling of trees the required work and tree positions are to be agreed on site with the Landscape Architect / arboriculture professional. Trees designated for removal are to be felled prior to the erection of any tree protective fencing. Great care should be taken to avoid damage to trees which are designated to be retained.

Stumps are to be removed and cut away so that the top of the stump is at least 450 mm (minimum) below the final topsoil level in order that the site can be leveled and grassed over. Stumps are to be treated with an approved herbicide to be agreed with the Landscape Architect.

Tree Surgery

Any significant defects found in the trees during the course of the scheduled work to be reported to the Landscape Architect / arboriculture professional. All work is to be undertaken by an approved and qualified tree surgeon in accordance with BS 3998: 2010; Tree Surgery.

Great care is to be taken to avoid damage to neighbouring trees which are to be retained. Branches in confined spaces are to be removed in sections. All arisings are to be transported and disposed of away from site.

Tree and Vegetation Management

For Tree and Vegetation Retention and Removal Proposals refer to the attached Existing Tree Schedule and Schedule of Tree Works. For any tree and vegetation management proposals refer to the Tree Surgery and Management Prescriptions contained within the Existing Tree Schedule.

| REV | DESCRIPTION | DATE | INITIALS |
|-----|--|----------|----------|
| 01 | Layout updated following revisions to layout | 04-12-19 | AR |
| 02 | Layout updated for planning | 18-12-19 | AR |

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Project Title:
Knepp Castle Estate, West Grinstead, Nr Horsham
The Mathews Group

Drawing Title:
Tree Protection Drawing
Sheet 05 of 05

Scale: 1:500@A1
Drawing Number: RCo 201 / 11

Date: 20-11-19
Revision: 02