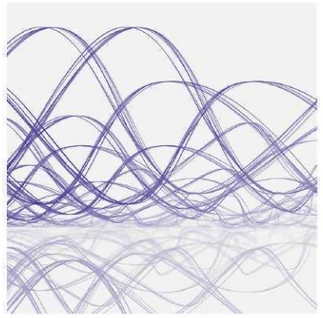










Treading Wind Farm

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prepared on behalf of

WindVentures

January 2011

Environmental Statement Volume 3 - Figures

PREFACE

This Figures Volume forms the third part of a four volume, five part Environmental Statement which describes the findings of the Environmental Impact Assessment (EIA) of the proposed Treading Wind Farm. The volumes of the complete document are:

DOCUMENT	TITLE	CONTENTS
Volume 1	Non-Technical Summary	Summarises the proposal and the key conclusions of the EIA for the non-technical reader
Volume 2	Written Statement	Presents the full assessments of the EIA
Volume 2	Appendices	Presents the appendices referred to in the Written Statement
Volume 3	Figures	Presents the figures referred to in the Written Statement
Volume 4	Visualisations	Presents the visualisations referred to in the Landscape and Visual Assessment (LVA)

Also included as an additional document is a confidential Badger Appendix available at request to appropriate consultees.

In addition to the Environmental Statement, Wind Ventures Limited have submitted an independent Planning Appraisal of the site, which summarises the planning policy context of the proposal.

Printed copies of all four volumes in addition to the Planning Appraisal are available at Fenland District Council, Fenland Hall, County Road, March, Cambridgeshire, PE15 8NQ and South Holland District Council Offices, Priory Road, Spalding, PE11 2XE, as well as Long Sutton Library and Wisbech Library.

Additional printed copies can be purchased at a cost of £500 + VAT or digital versions on CD-ROM at a cost of £10 + VAT.

To order copies, please contact Engena Limited at:

The Old Stables, Bosmere Hall, Creeting St Mary, IP6 8LL.

The developer may also be contacted via the Treading Wind Farm information website

www.windventures.co.uk/projects-treading.html

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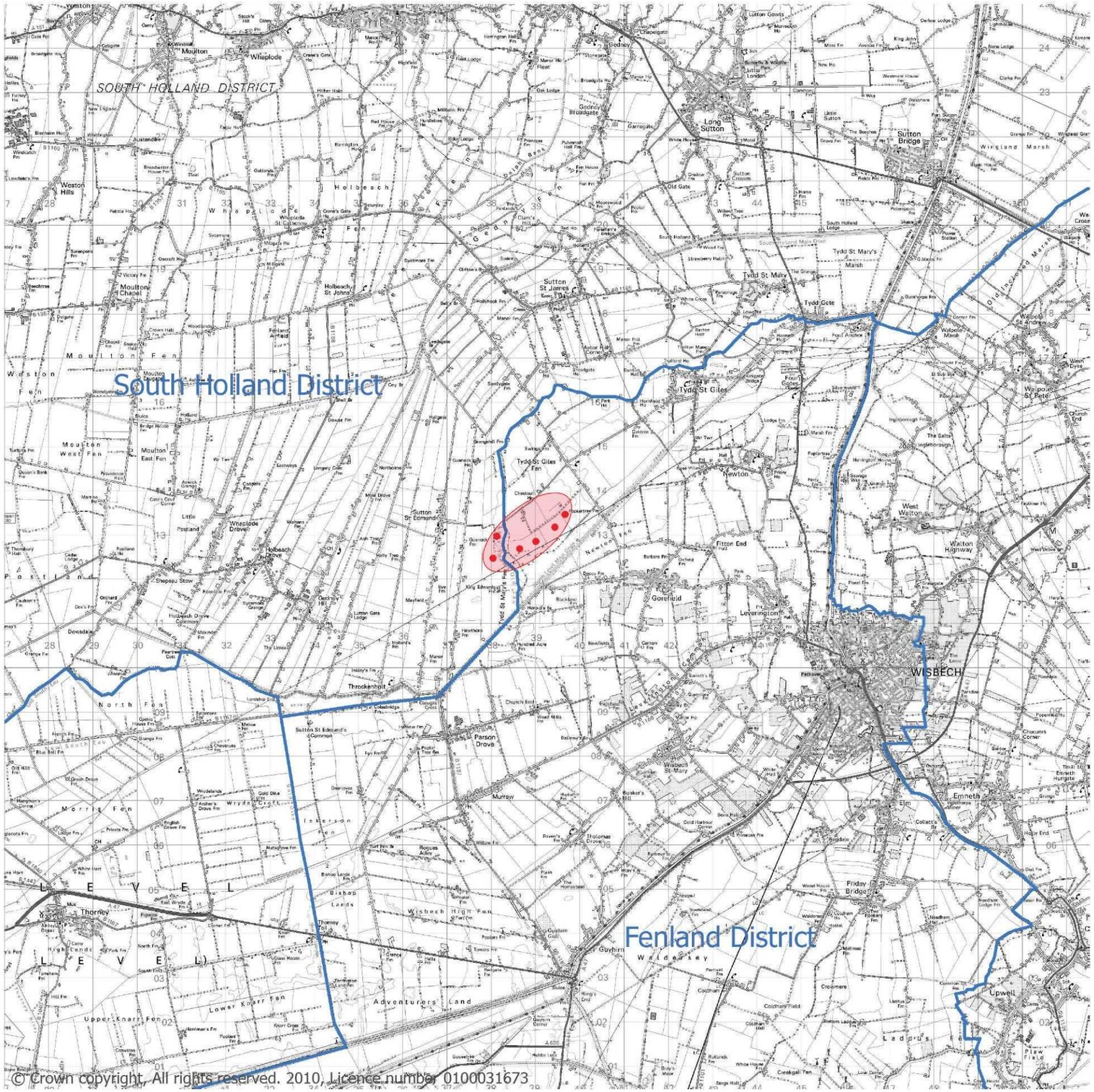
13.1 - Phase 1 Habitat Map

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Site Location showing turbine positions

District boundaries

N

Figure 1.1

Scale 1:100 000

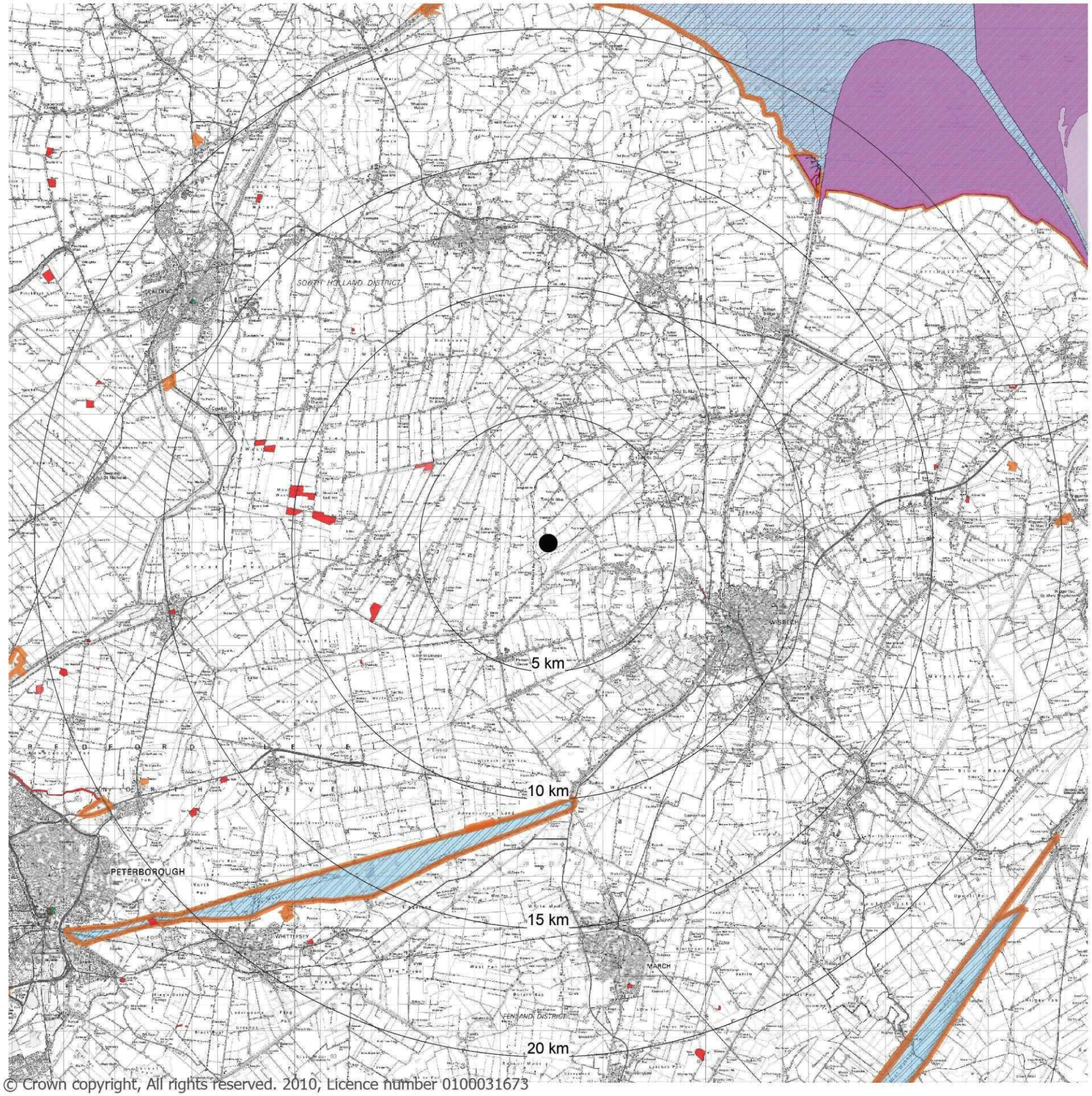
Site Location

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- National Nature Reserve
- SPA
- SSSI
- AONB
- Scheduled Ancient Monument
- Registered Park and Garden
- RAMSAR
- SAC

N

Figure 3.1

Scale 1: 200 000

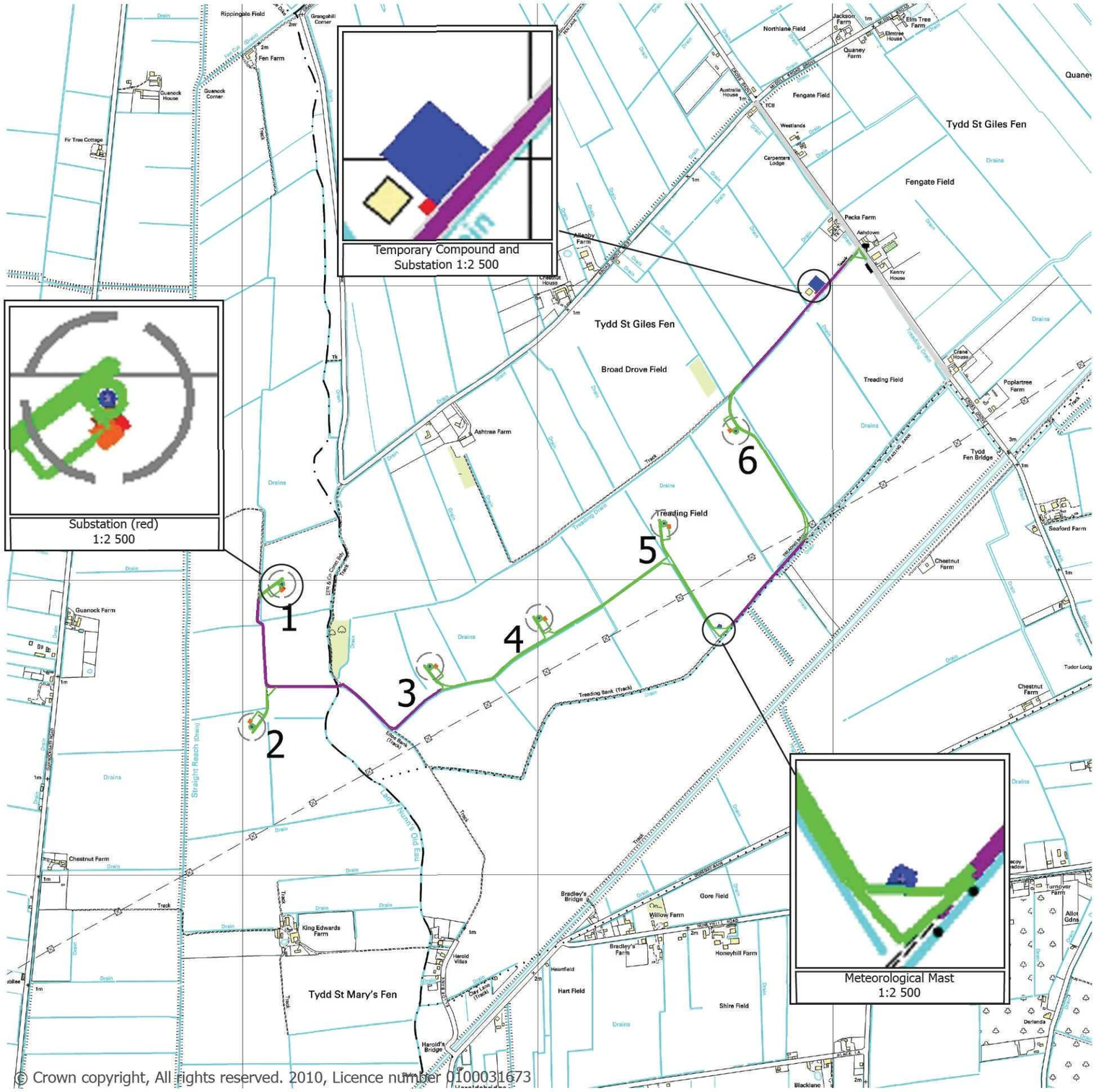
Environmental Considerations

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Proposed turbine location with external transformer (orange)

Upgraded access track

New access track

Temporary construction compound (blue) and 33kV substation (red)

Meteorological mast

33kV substation (red)

Figure 3.2

Scale 1:15 000

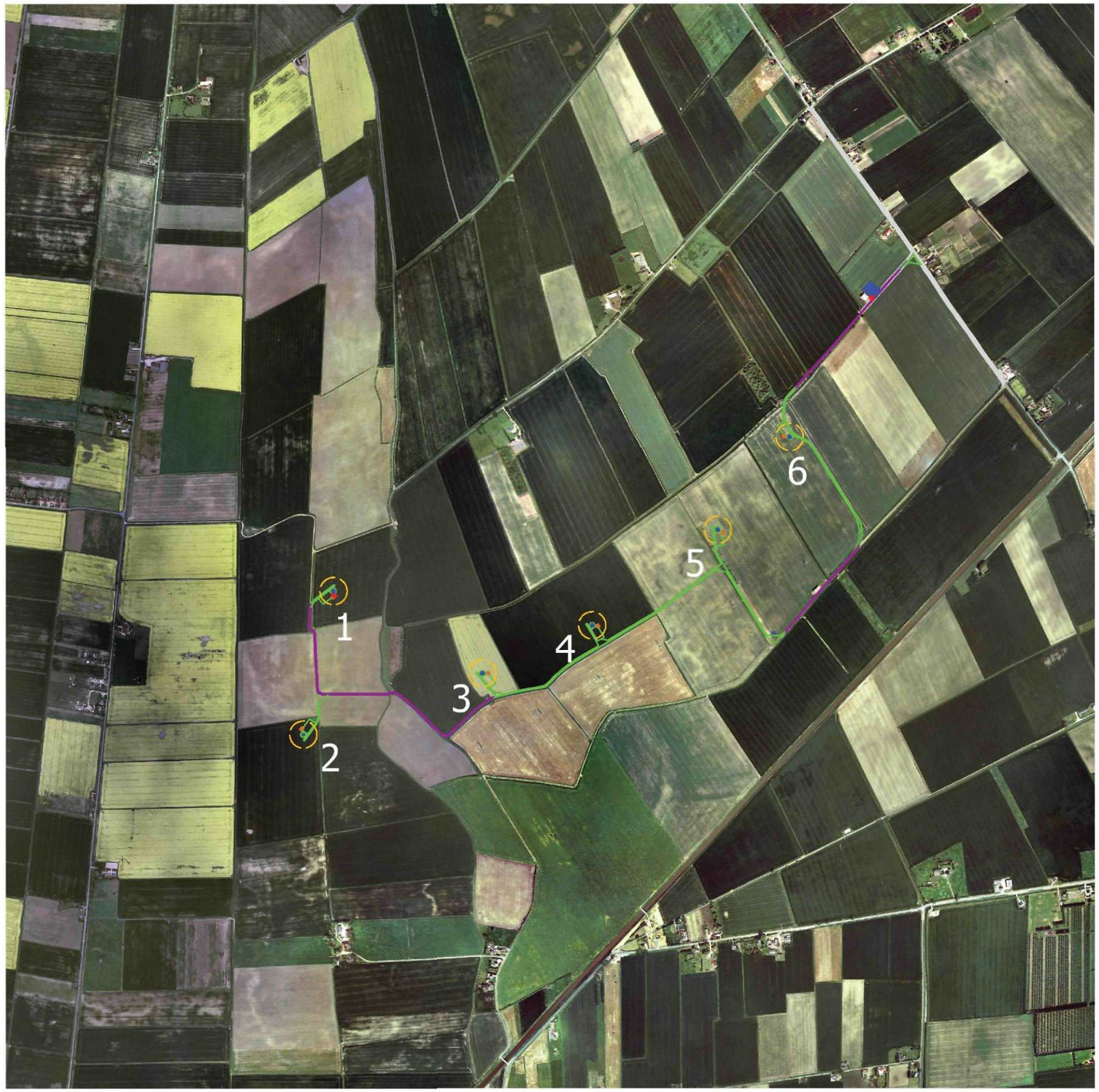
Site Layout

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Proposed turbine location

33kV substation (red)

Temporary construction compound (blue) and 33kV substation (red)

Existing track to be upgraded

New track

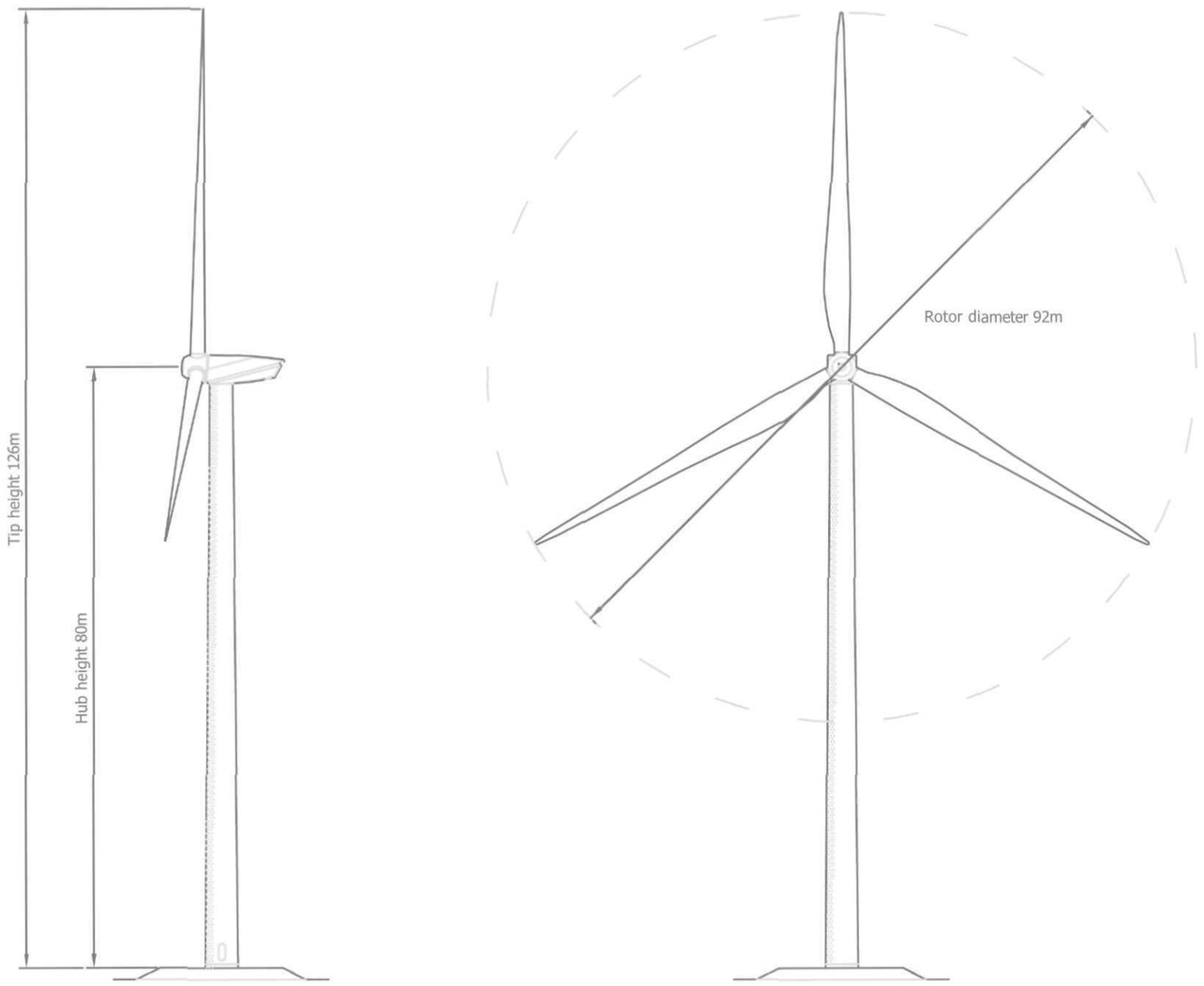
Permanent meteorological mast location (blue)

N

Figure 3.3

Scale 1:10 000

Aerial Site Layout



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Please Note:

1. Turbines to be finished in semi matt grey colour such as RAL 7035 or as agreed with the Local Planning Authority

2. Tower entrance stairway to be finished in self colour hot dip galvanising

Figure 6.1

Scale 1:750

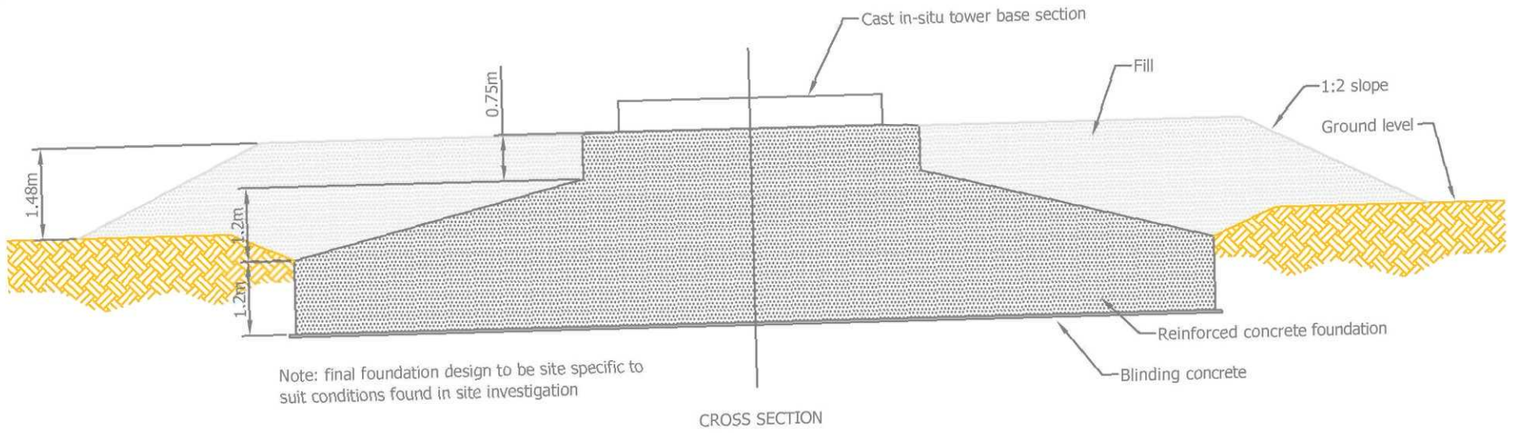
REpower MM92 Wind Turbine - Typical Detail

Treading Wind Farm

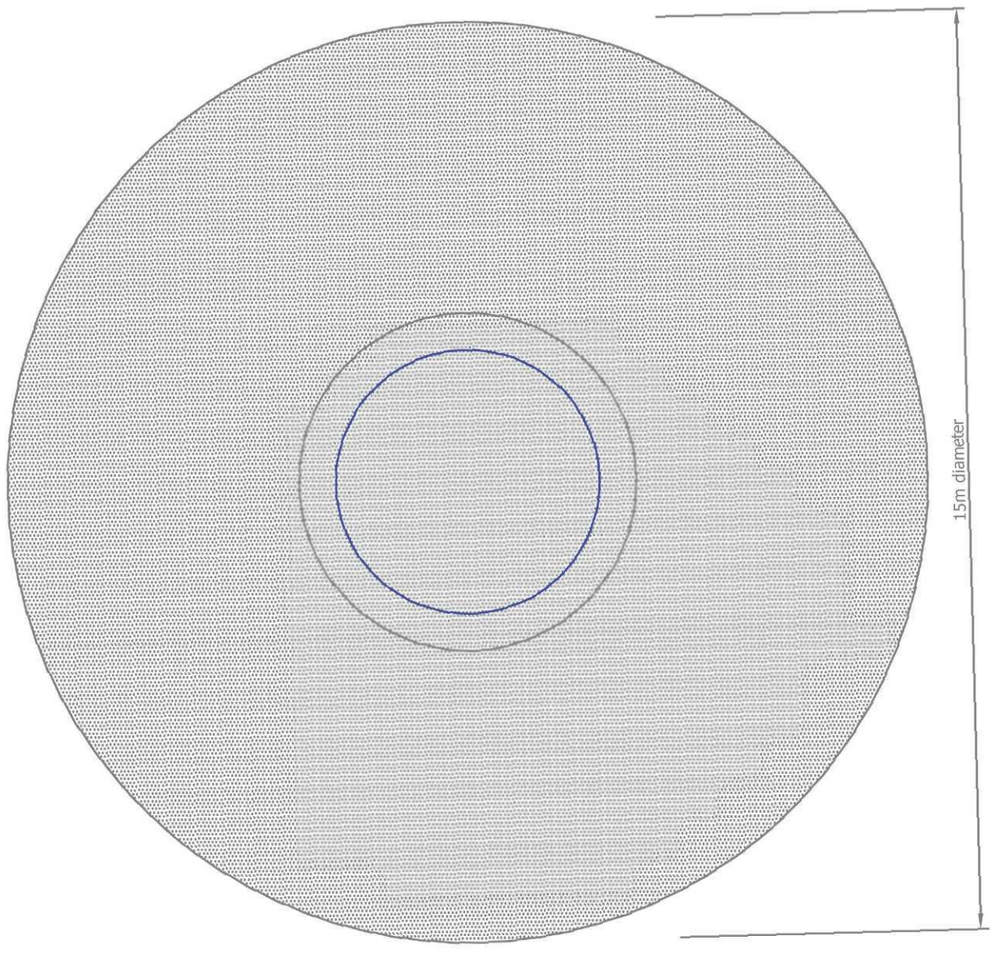
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CROSS SECTION



PLAN

Please note:

1. Exact turbine foundation geometry will be designed to suit site conditions at each turbine location

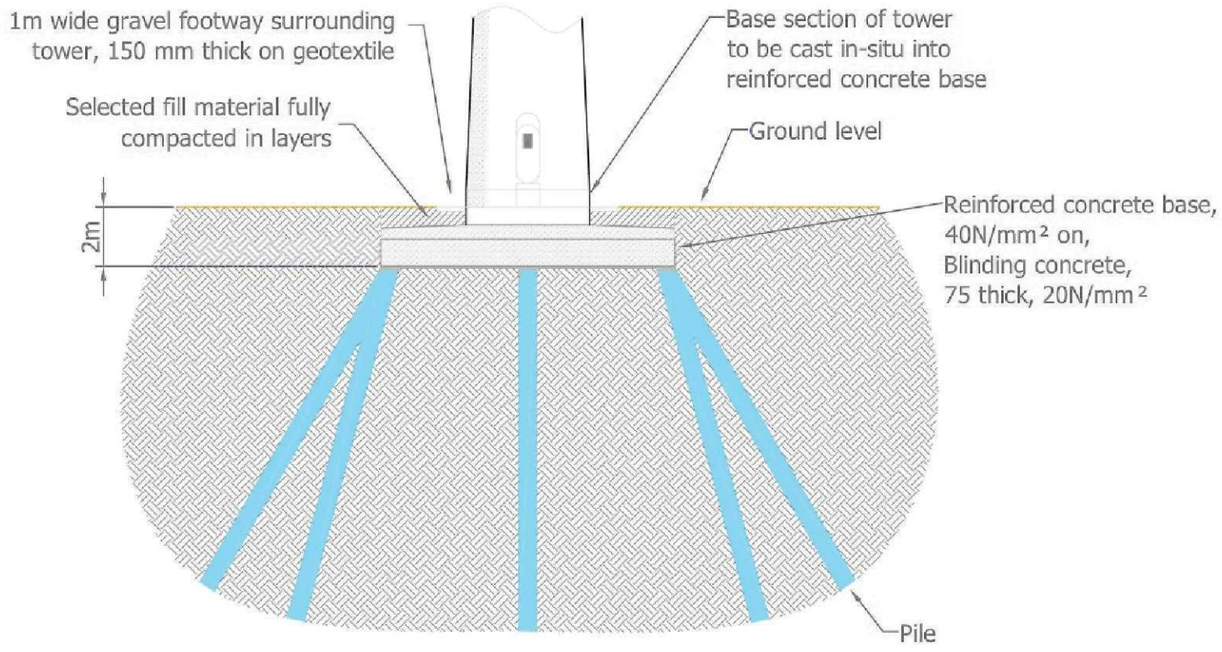
2. Tower entrance stairway to be finished in self colour hot dip galvanising

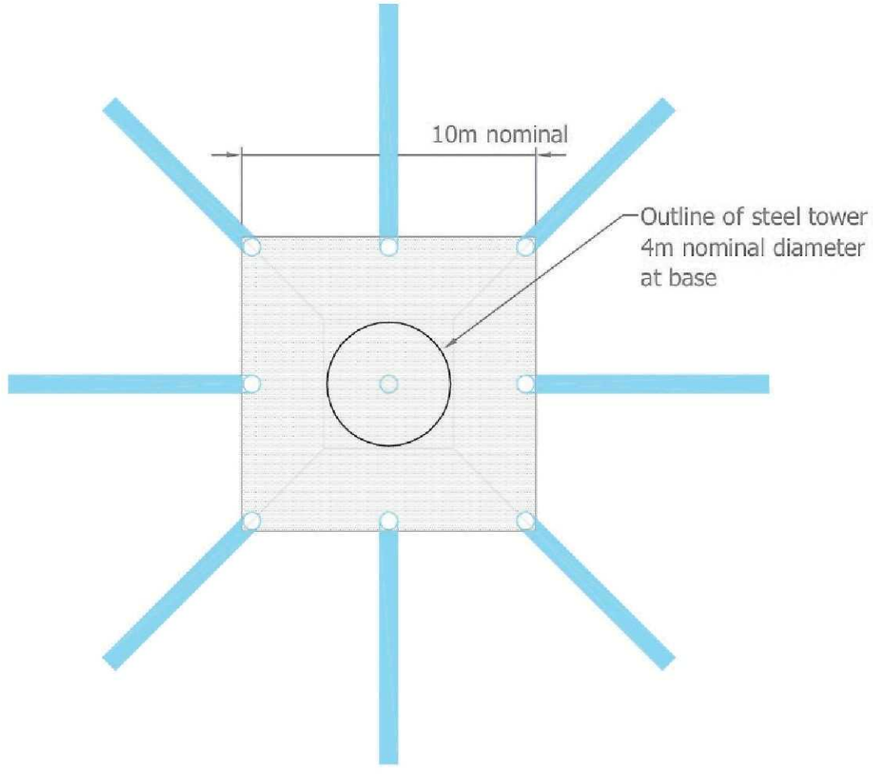
3. Tower entrance door to be located on side of tower opposite to prevailing wind

Figure 6.2

Scale 1:125

REpower MM92 Foundation - Typical Detail





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Please Note:

1. Pile type length and arrangement all to be designed subject to a full ground investigation.

2. Tower entrance door to be located on side of tower opposite to prevailing wind.

Figure 6.3

Scale 1:200

N

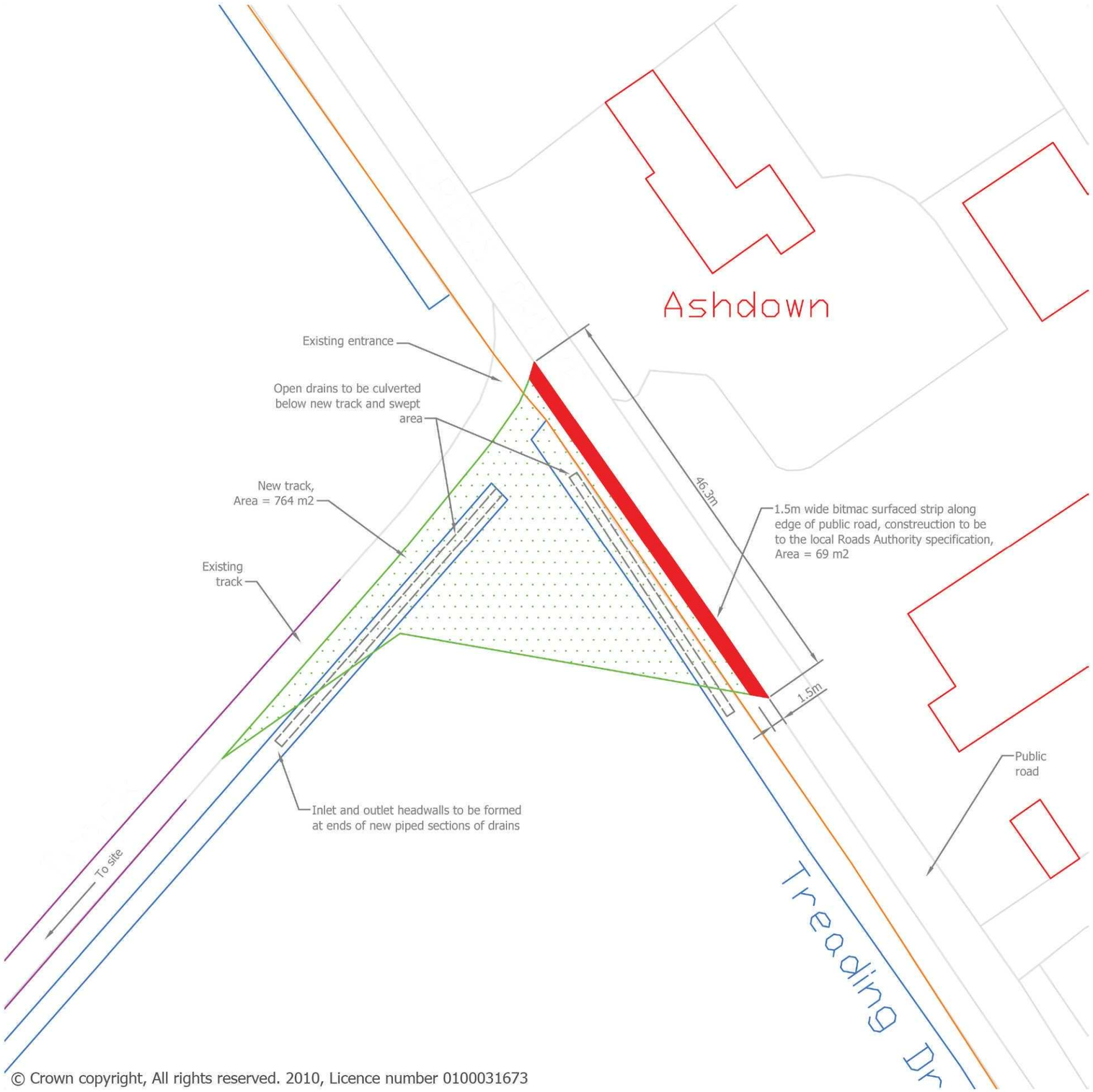
Piled Foundation - Typical Detail

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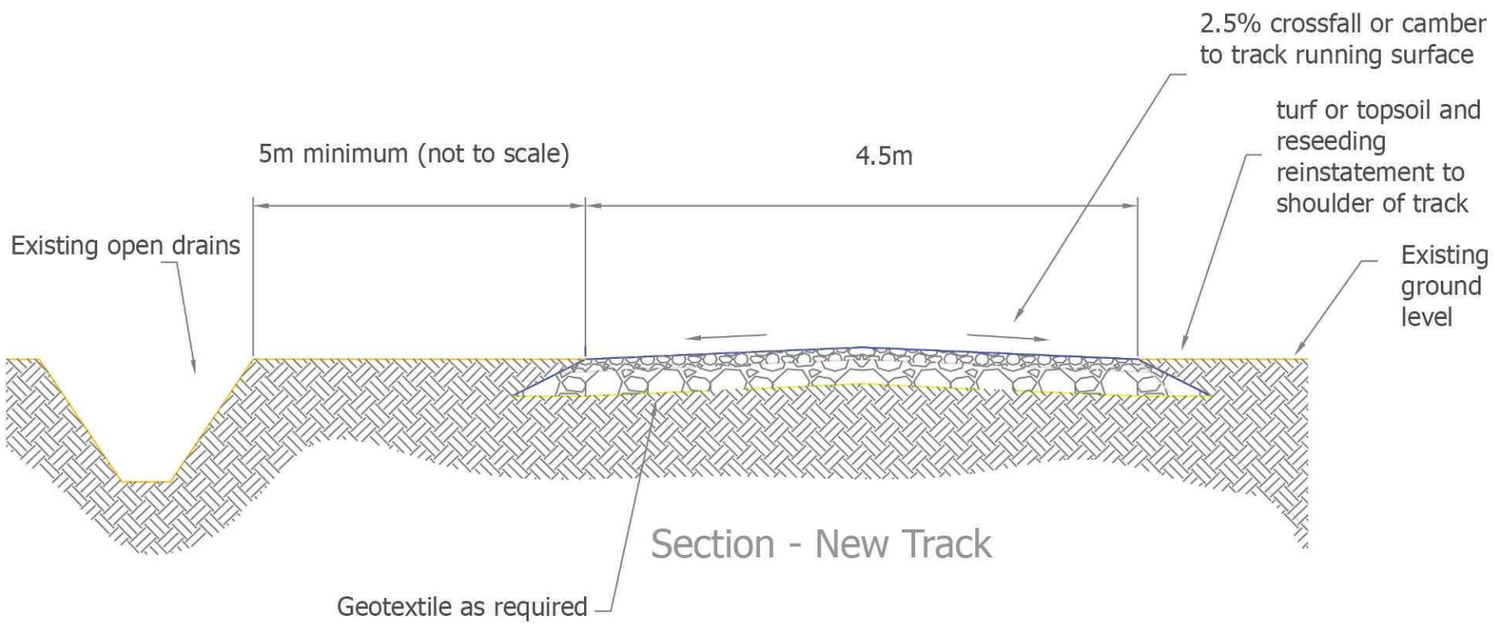


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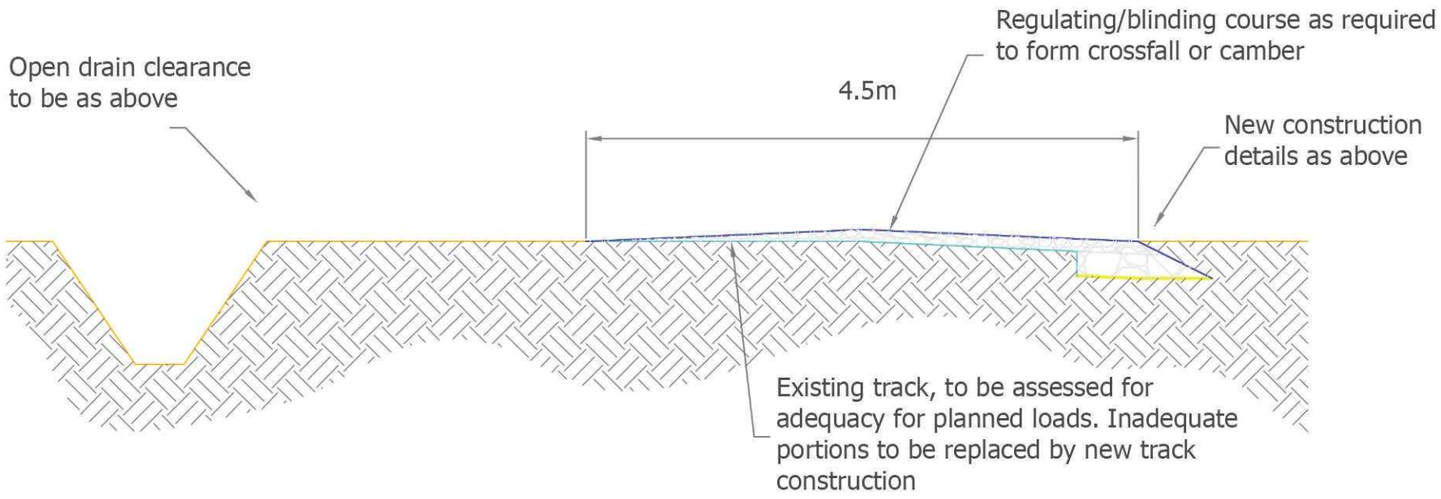
Figure 6.4

Scale 1:500

Site Entrance - Cross Drove



Section - New Track



Section - Existing Track Widening

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Please Note:

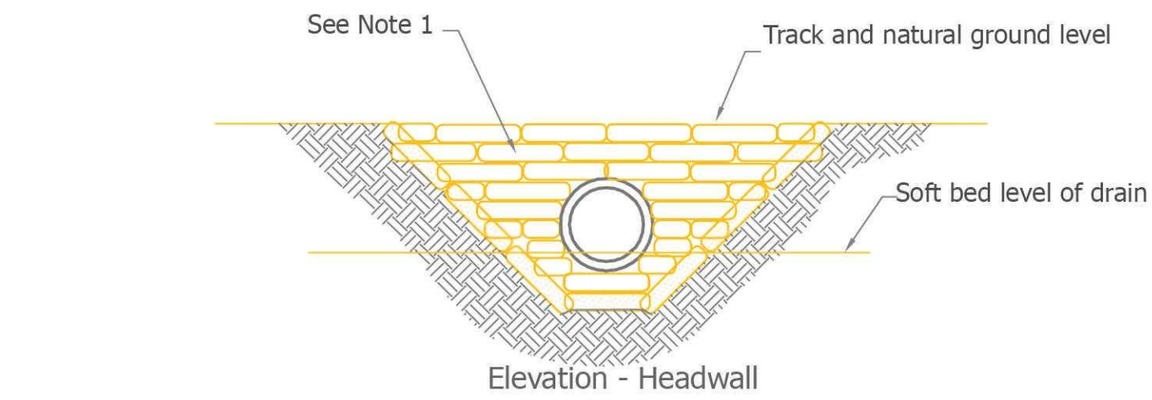
1. Track construction to be designed to suit ground conditions, nominally: 100mm thick fully compacted crushed rock regulating the binding course, on 200mm thick layers crushed rock, as required, on geotextile.

2. Minimum overall thickness 0.45m.

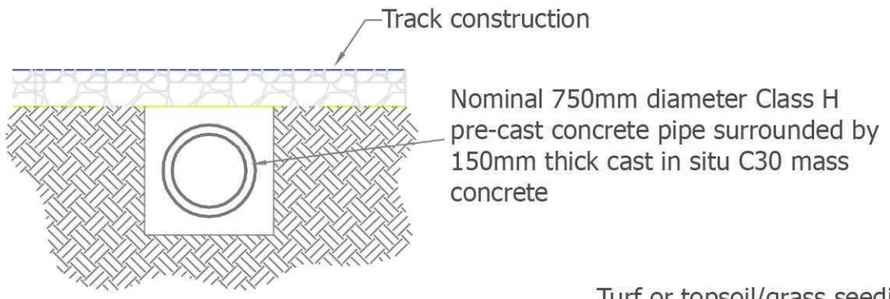
Figure 6.5

Scale 1:50

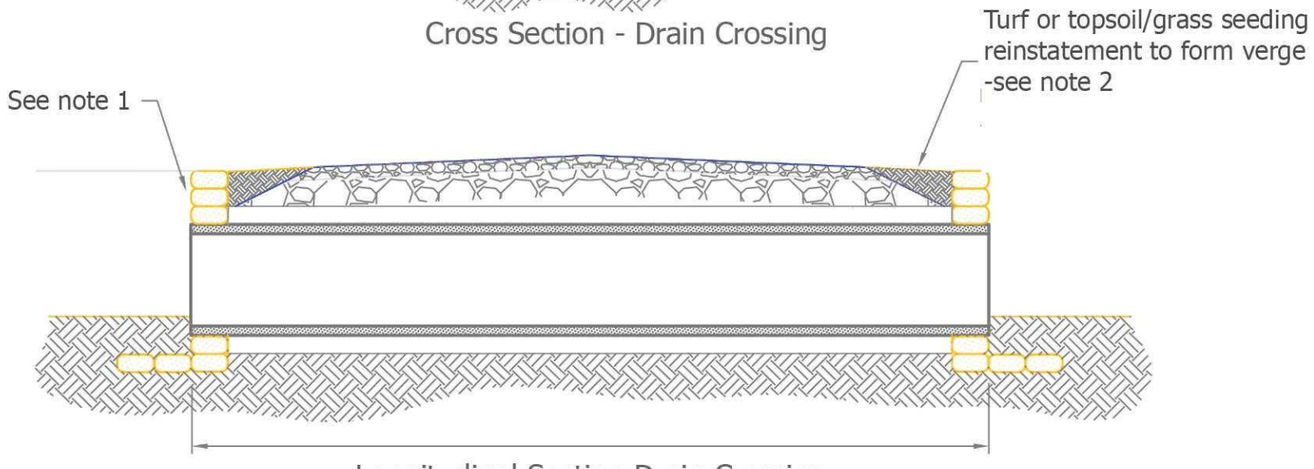
Site Tracks - Typical Detail



Elevation - Headwall



Cross Section - Drain Crossing



Longitudinal Section Drain Crossing

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Please Note:

1. Hessian sandbags to be filled with dry-lean mix concrete and laid in staggered courses, top layer to be dowelled into lower layers with 20mm diameter and 750mm long dowl bars, 2 per bag. Sand bags to be replaced with stone filled Reno mattress gabion head and wing-walls when crossing ditches in excess of 1.5m deep.

2. Topsoiling to verges of track to be grass seeded to match existing vegetation.

Figure 6.6

Scale 1:50

Ditch and Drain Crossing - Typical Detail

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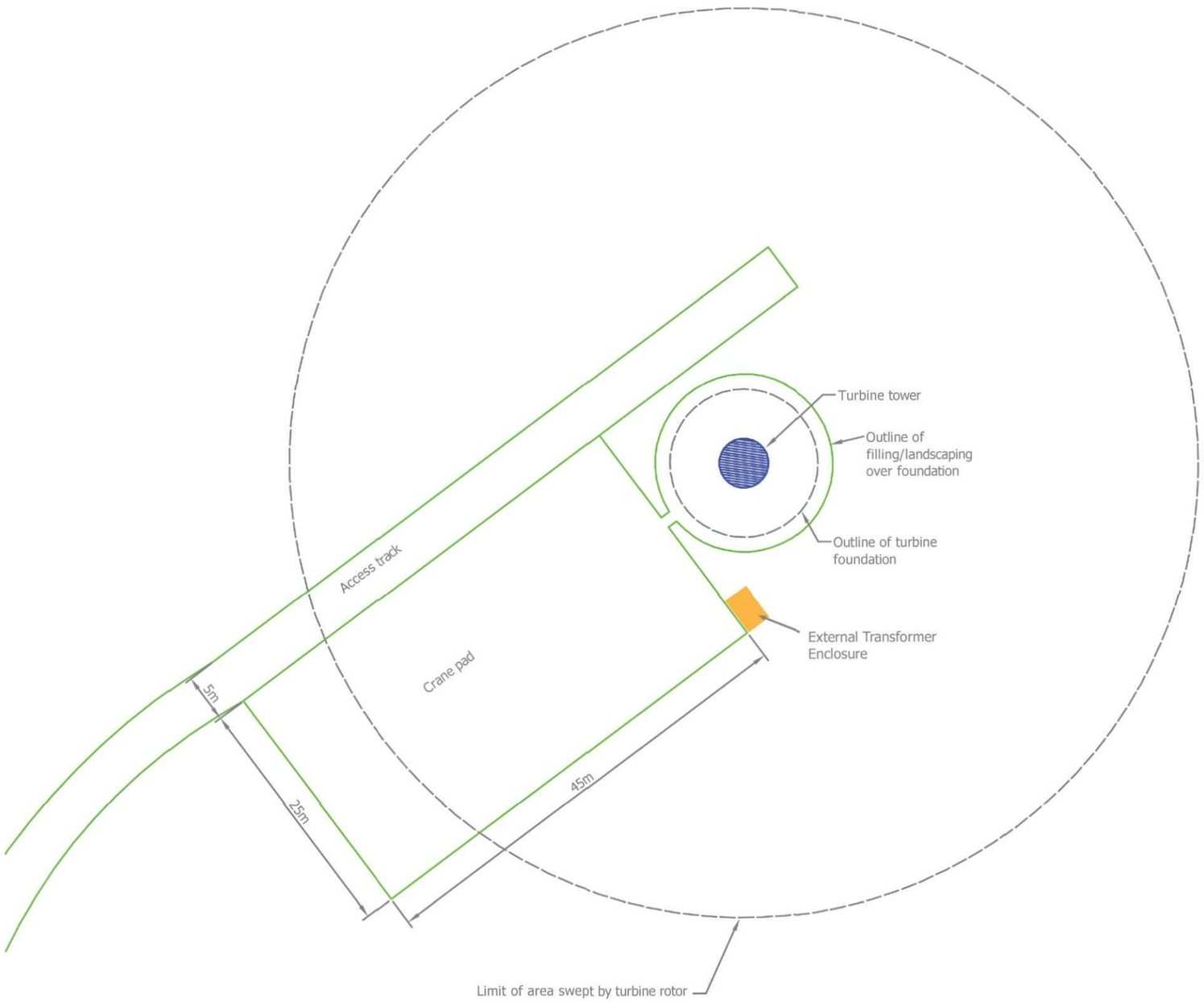


Figure 6.7

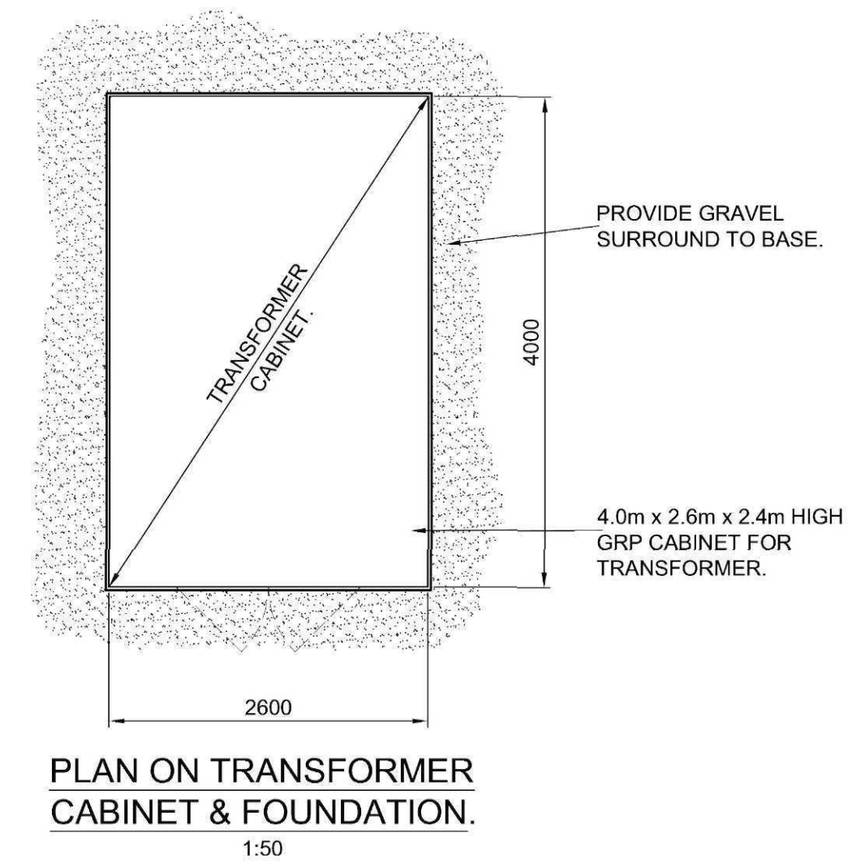
Scale 1:500

Turbine Hardstanding - Typical Detail

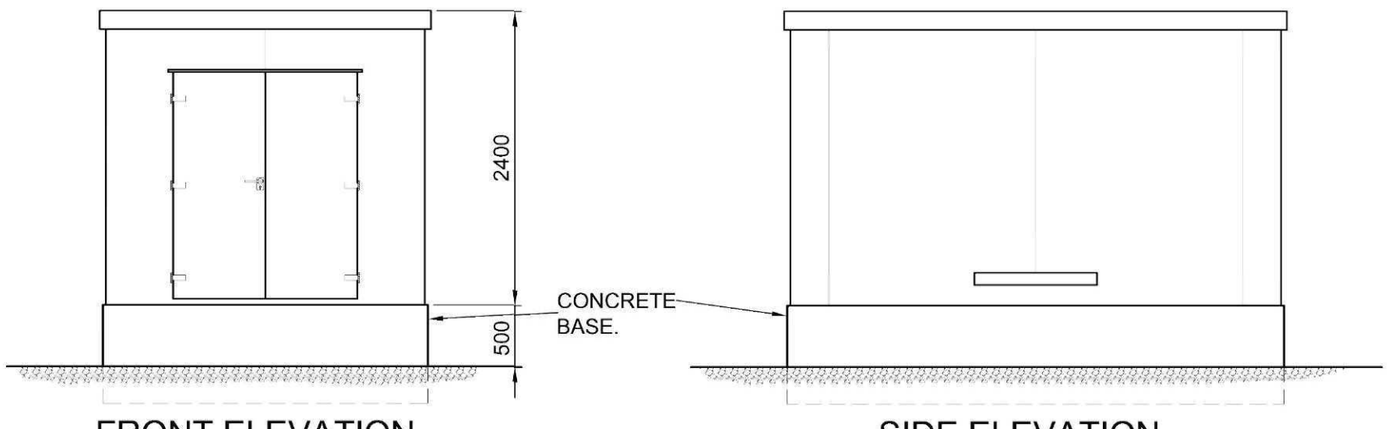
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PLAN ON TRANSFORMER
CABINET & FOUNDATION.
1:50



FRONT ELEVATION.
1:50

SIDE ELEVATION.
1:50

Figure 6.8

1:50

Typical External Transformer Enclosure

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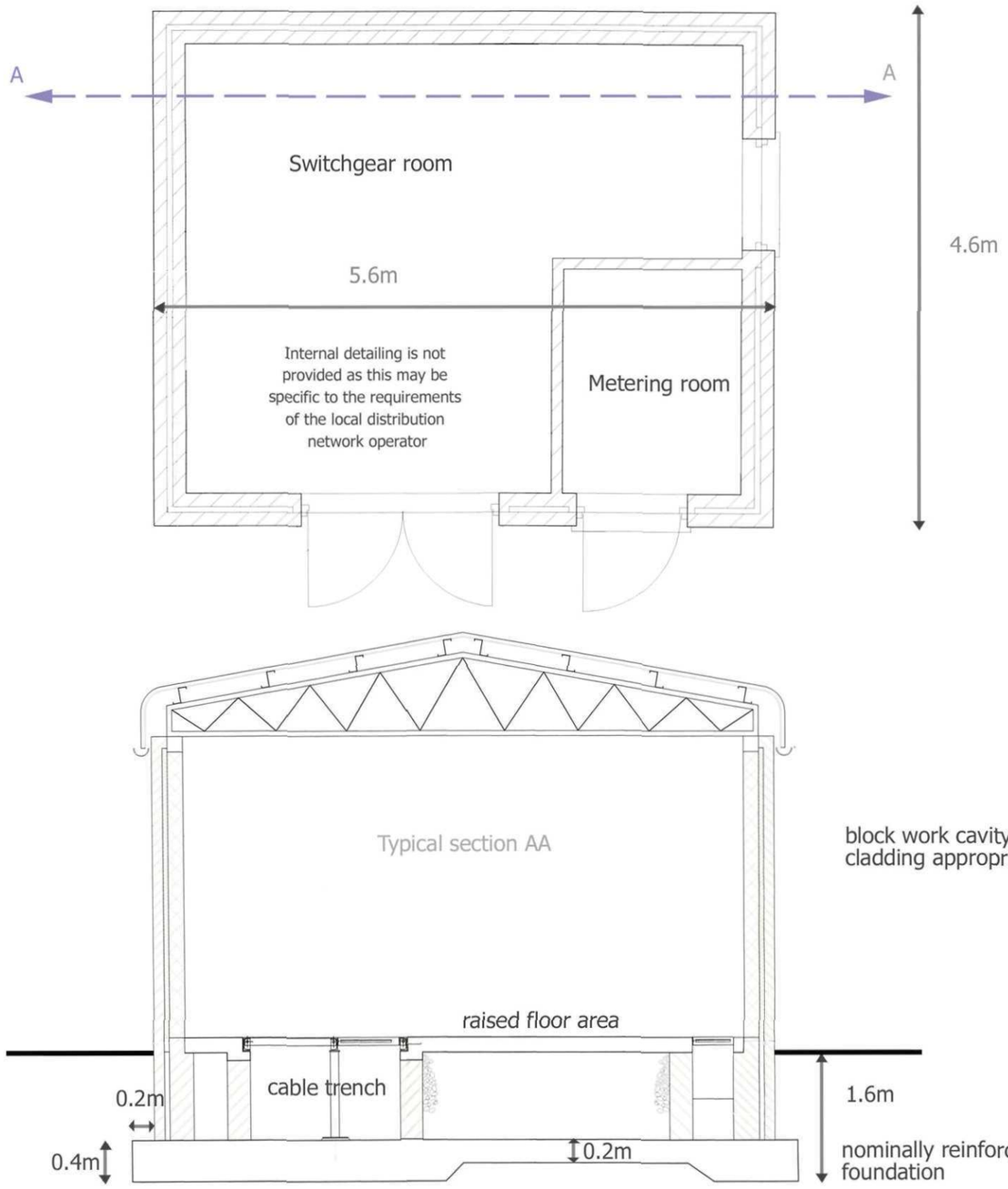


Figure 6.9

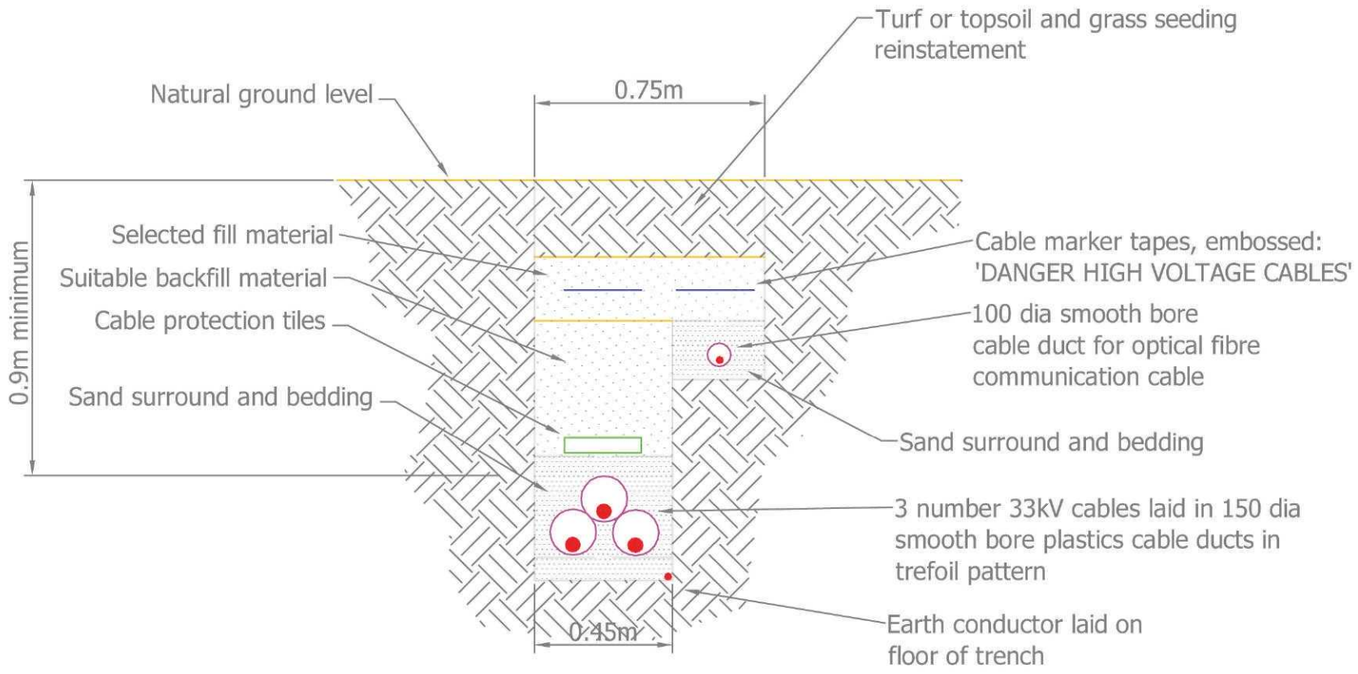
Scale 1:50

33kV Substation - Typical Detail

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Please note:

1. Cable trenches to follow the line of access tracks

2. Cable marker posts to be installed at 50m intervals and at changes of direction

3. Cable ducts passing beneath tracks to be encased in cast in-situ mass concrete bed and surround, 150mm thick and to extend to 1m beyond sides of tracks

Figure 6.10

Scale 1:20

Cable Trench - Typical Detail

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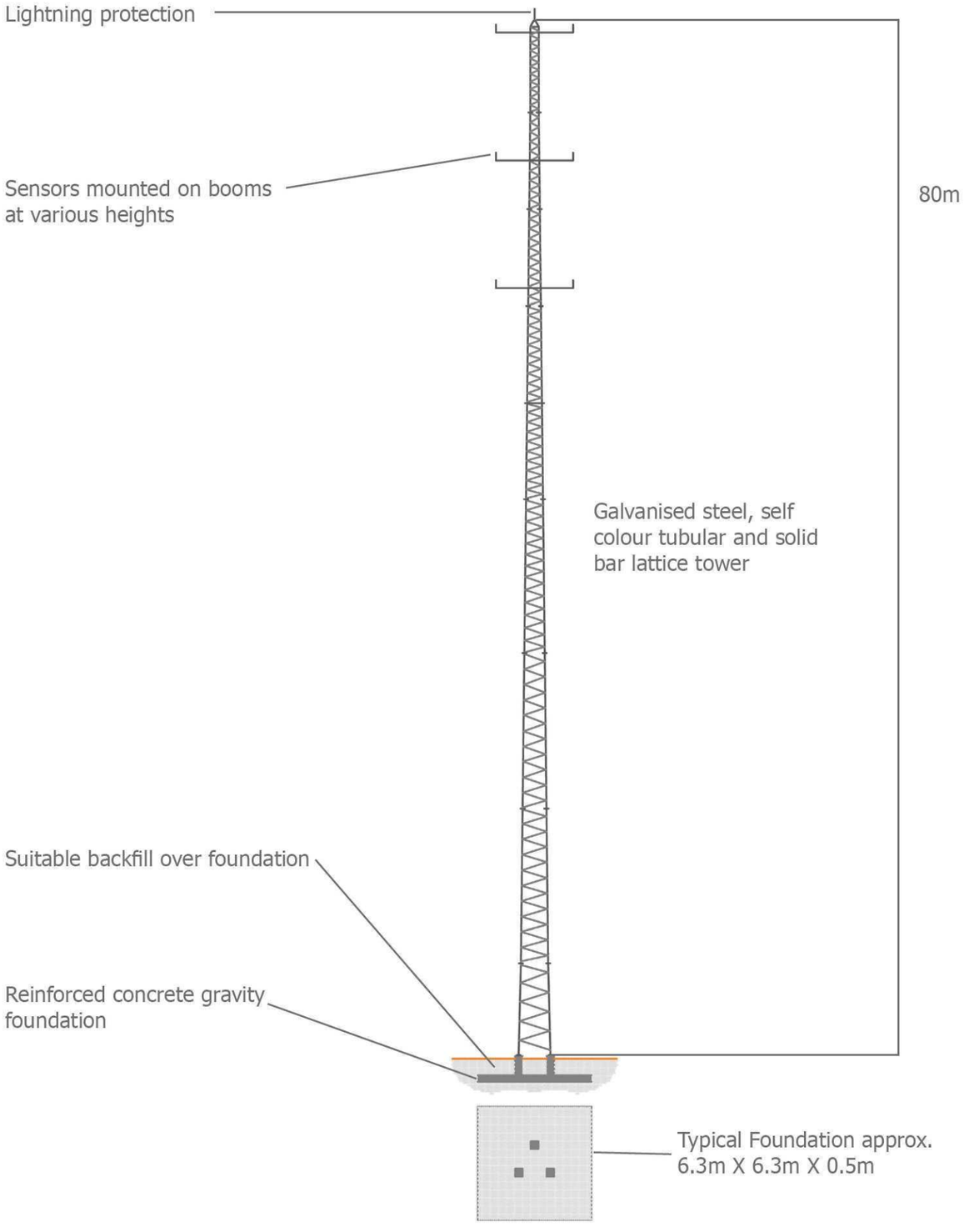
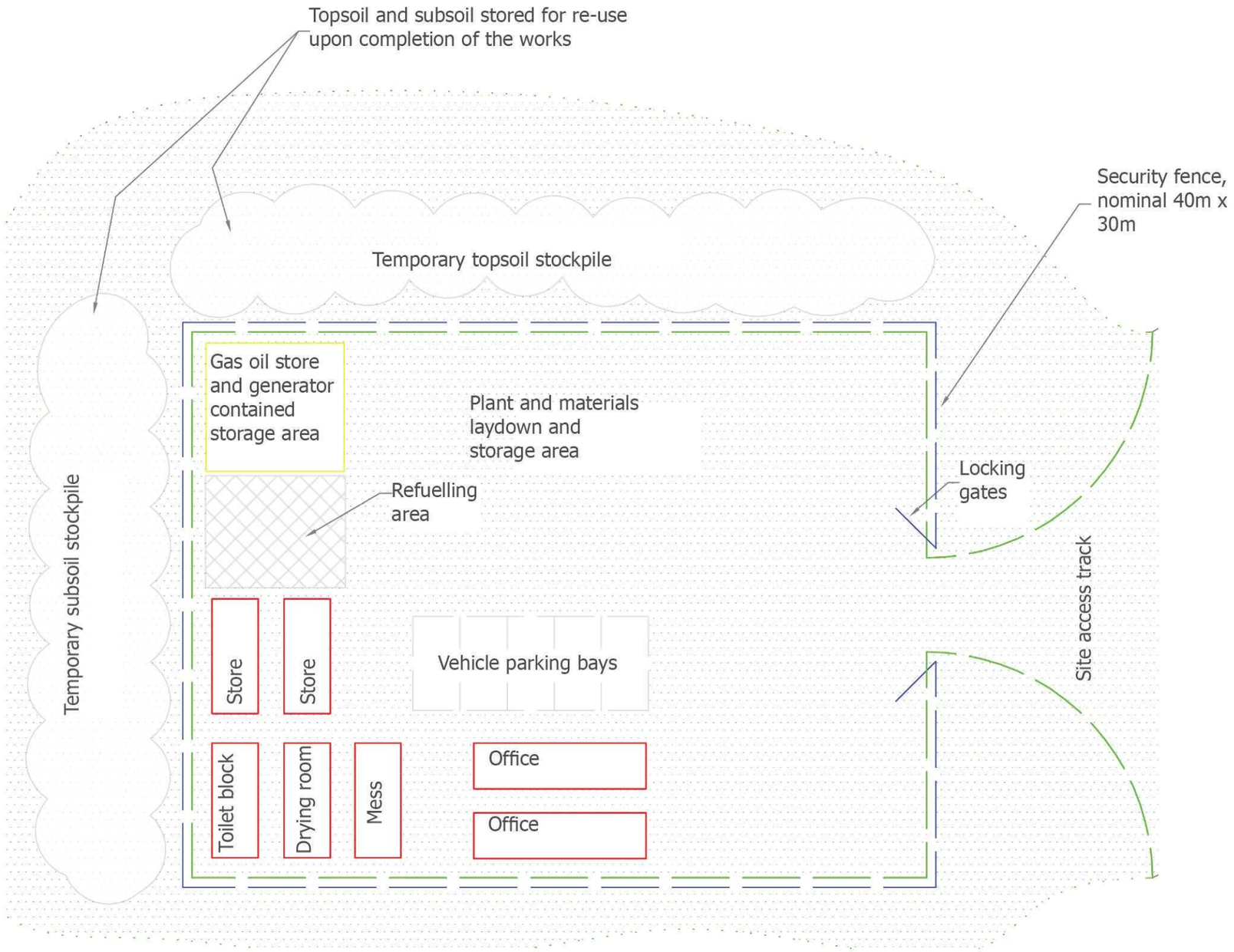


Figure 6.11

Scale 1:400

Meteorological Mast - Typical Detail



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Please note:

1. Refuelling area fuel and oils to be stored in either twin walled bowsers or bunded fuel tanks, bunds to be 10% greater capacity than tanks.

2. Refuelling area to be lined with 2000 gauge polythene sheet prior to placement of stone in compound.

3. Toilets and basins to discharge to sealed container below toilet block.

4. Collection and disposal of foul waste to be by tanker at appropriate intervals.

Figure 6.12

Scale 1:250

Temporary Construction Compound - Typical Detail

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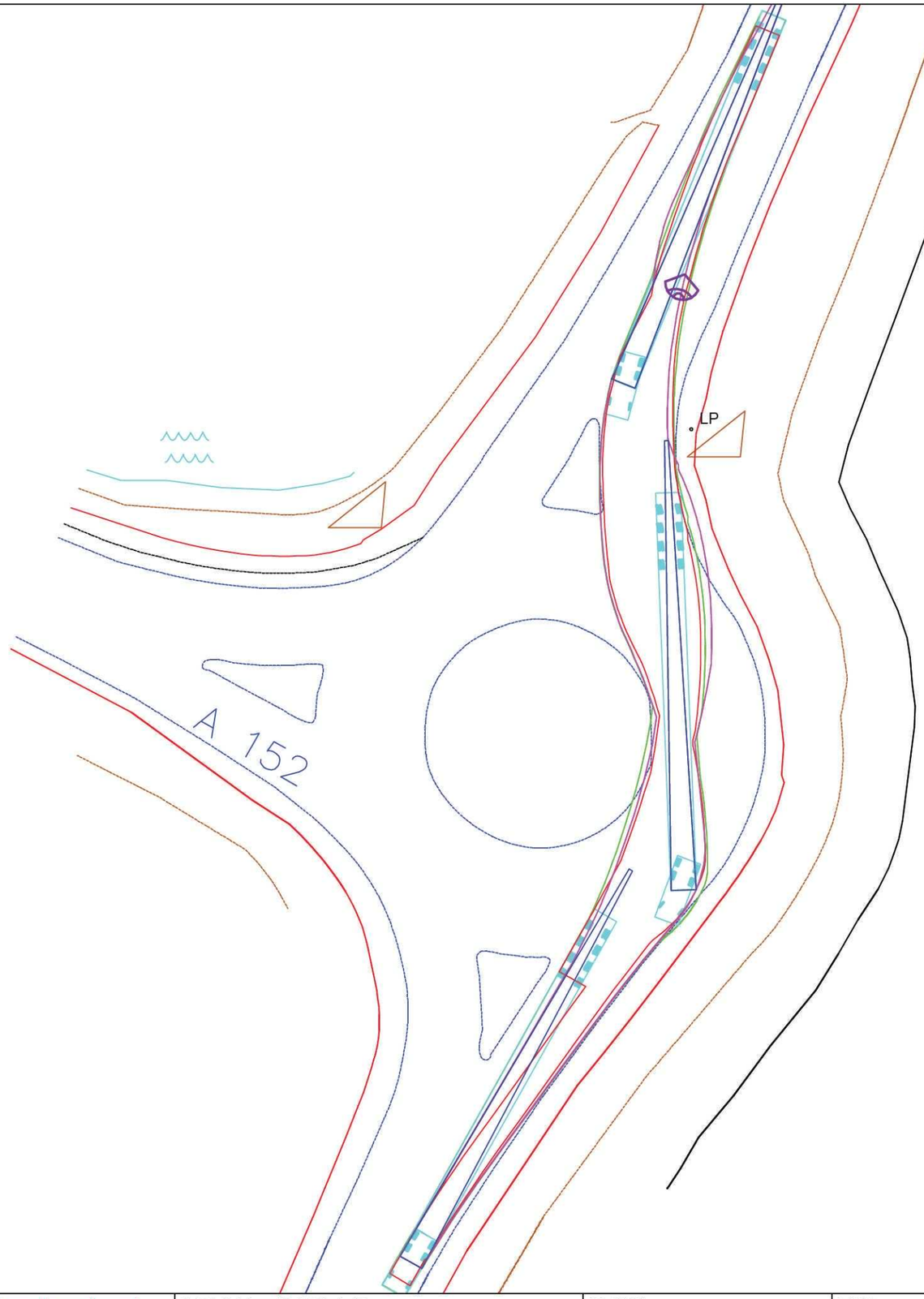
Proposed delivery route from A47

N

Figure 8.1

Scale 1:50 000

Proposed Delivery Route





Continue on A16 to roundabout junction with A152
At roundabout continue straight across onto A16.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 26742 29181

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

COLLETT TRANSPORT

COLLETT LIMITED
Victoria Terminal TEL: +44 1422 255233
Albert Road FAX: +44 1422 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

DRAWN S.HITCHMOUGH	TITLE A16 / A152 ROUNDABOUT			Figure 8.2	
DATE 13/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD	OPT. NO.		
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING	REV NO.	





Continue on A16 to roundabout junction with B1180
At roundabout continue straight across onto A16.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 26138 25558

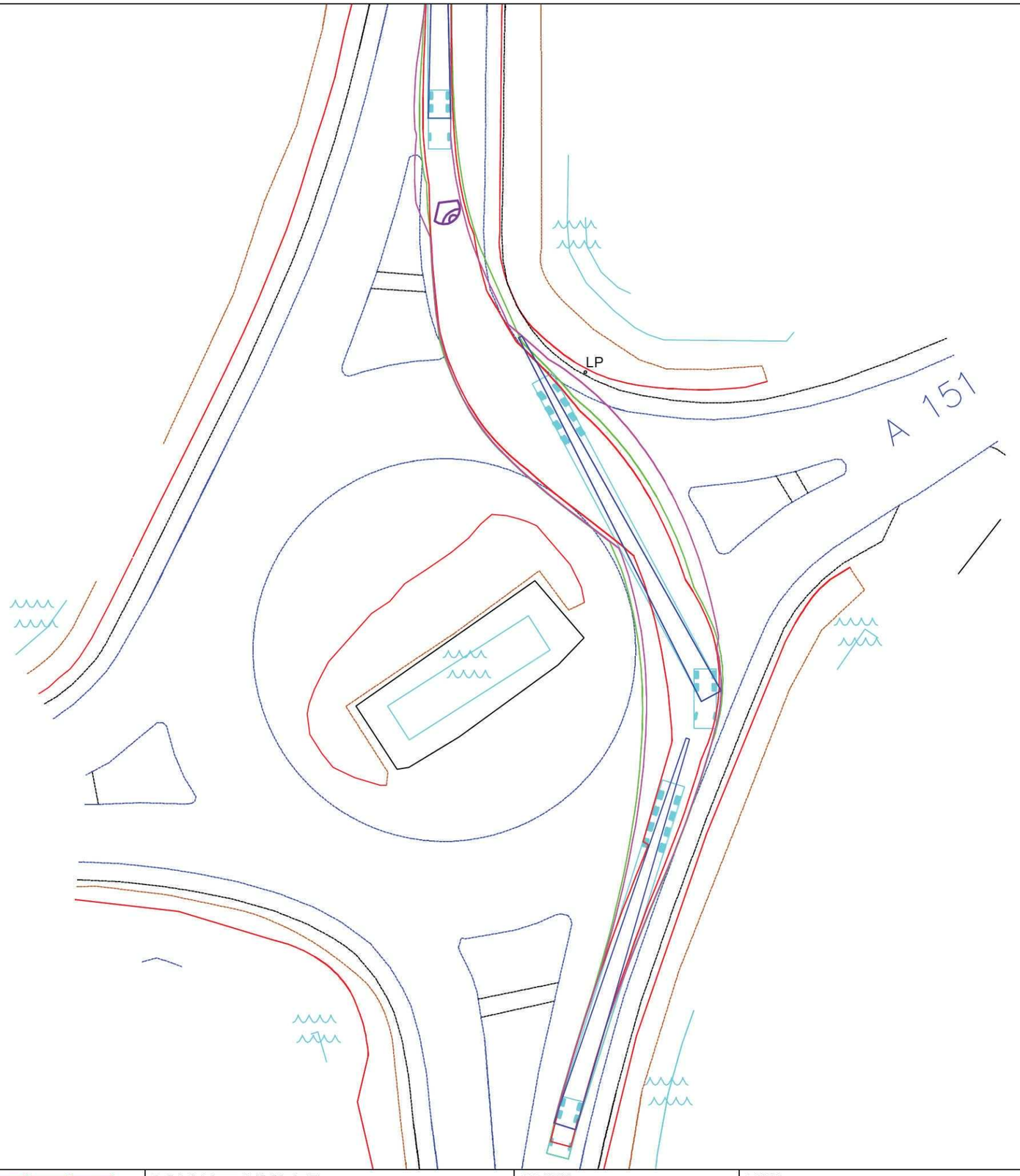
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH		TITLE A16 / A152 ROUNDABOUT			Figure 8.3
DATE 13/10/2010		MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD	OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT		SITE TREADING	REV NO.





Continue on A16 to roundabout junction with A151
At roundabout continue straight across onto A16.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 26573 23852

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A16 / A151 ROUNDABOUT				Figure 8.4
DATE 13/10/2010	MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.





Continue on A16 to roundabout junction with B1165
At roundabout continue straight across onto A16.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 26236 22825

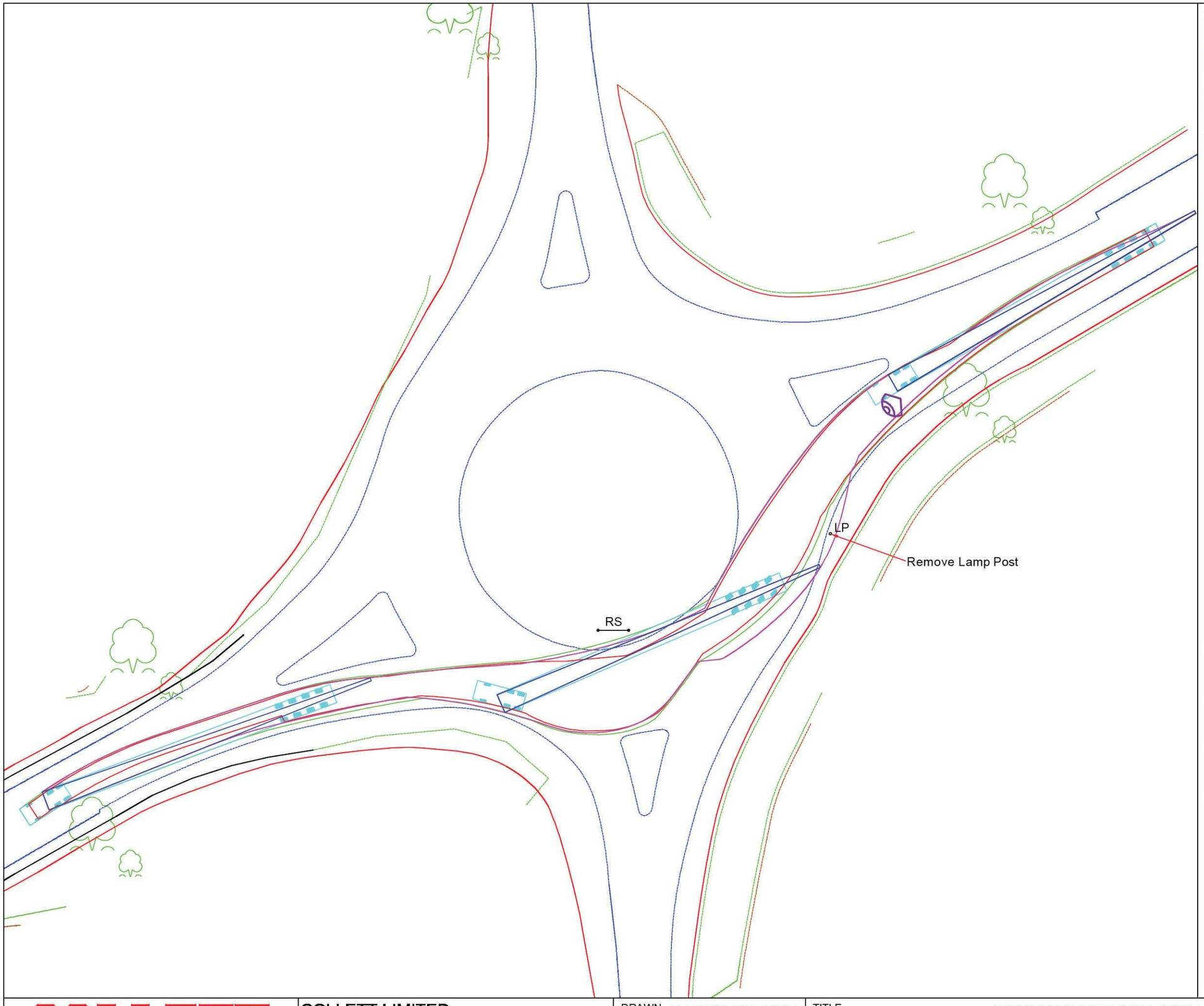
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A16 / B1165 ROUNDABOUT				Figure 8.5
DATE 13/10/2010	MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.





Continue on A16 to roundabout junction with B1165
At roundabout continue straight across onto A16.

Caution

- Lamp post on the nearside will require to be removed in order for loaded components to navigate this roundabout.
- Manual steering required to avoid central island

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 25257 20238

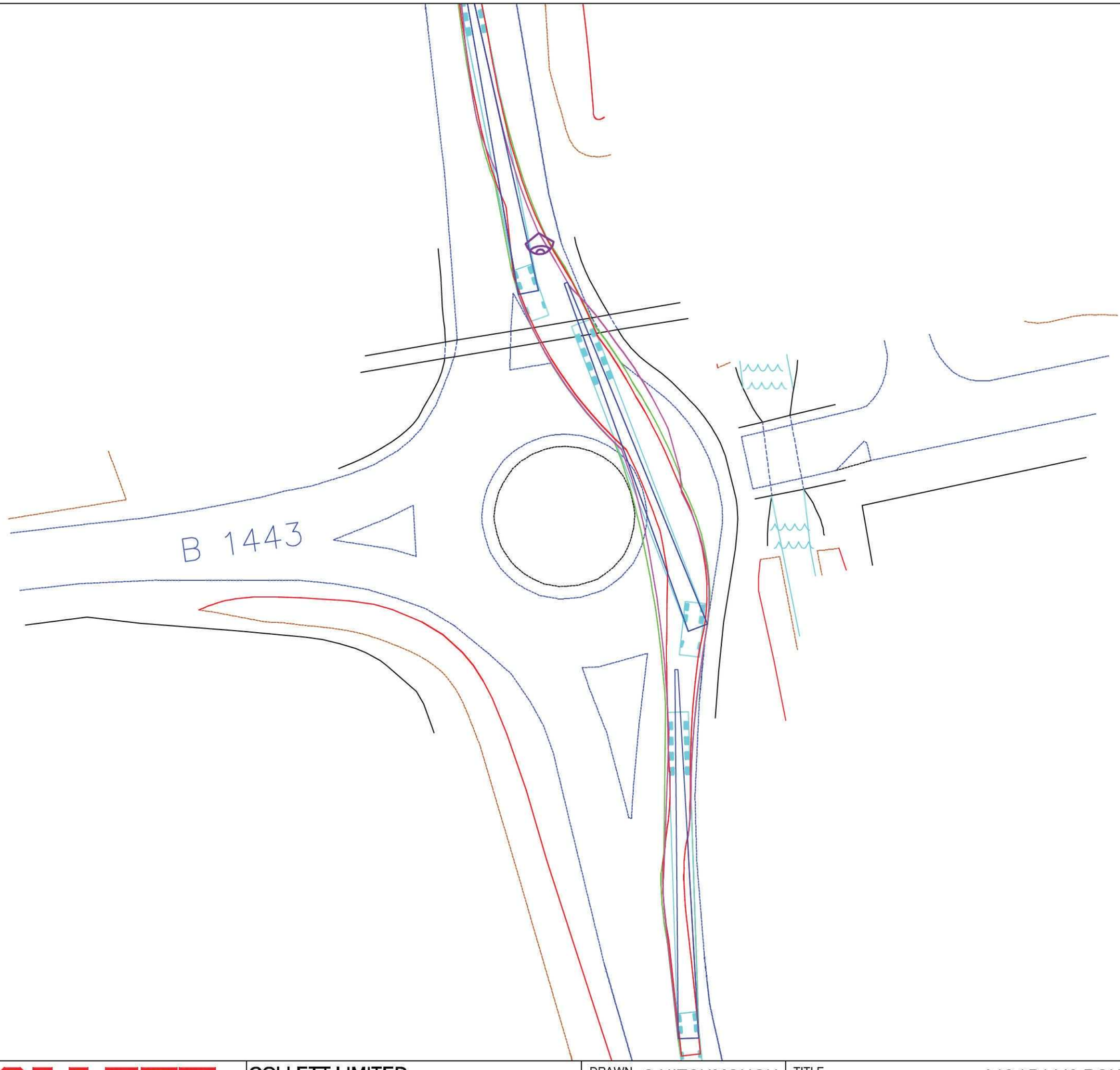
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A16 / B1165 ROUNDABOUT				Figure 8.6
DATE 13/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD	OPT. NO.		
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING	REV NO.	





Continue on A16 to roundabout junction with B1443
At roundabout continue straight across onto A16.

Caution*

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 14583 05762

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A16 / B1443 ROUNDABOUT		Figure 8.7
DATE 13/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD	OPT. NO.
SCALE 1:500 SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING	REV NO.





Continue on A47 to roundabout junction with A1073
At roundabout continue straight across onto A47.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 22941 03121

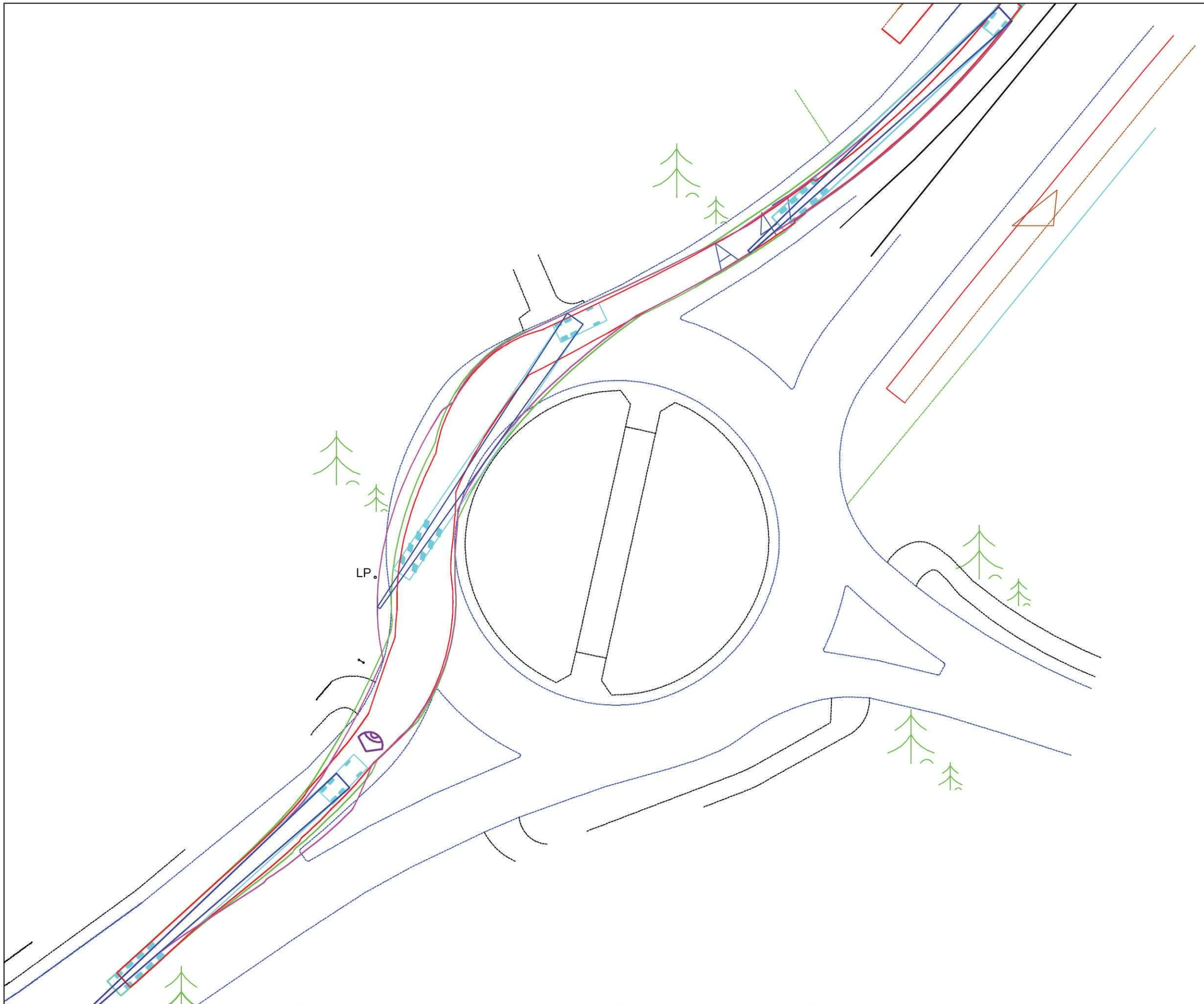
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A47 / A1073 ROUNDABOUT				Figure 8.8
DATE 13/10/2010	MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.





Continue on A47 to roundabout junction with The Causeway
At roundabout continue straight across onto A47.

Caution

- Loaded tower component will navigate this roundabout without any modifications being required utilising manual steering
- To confirm that the lamp post does not need removing a test drive of a simulated vehicle is recommended.

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 27315 04136

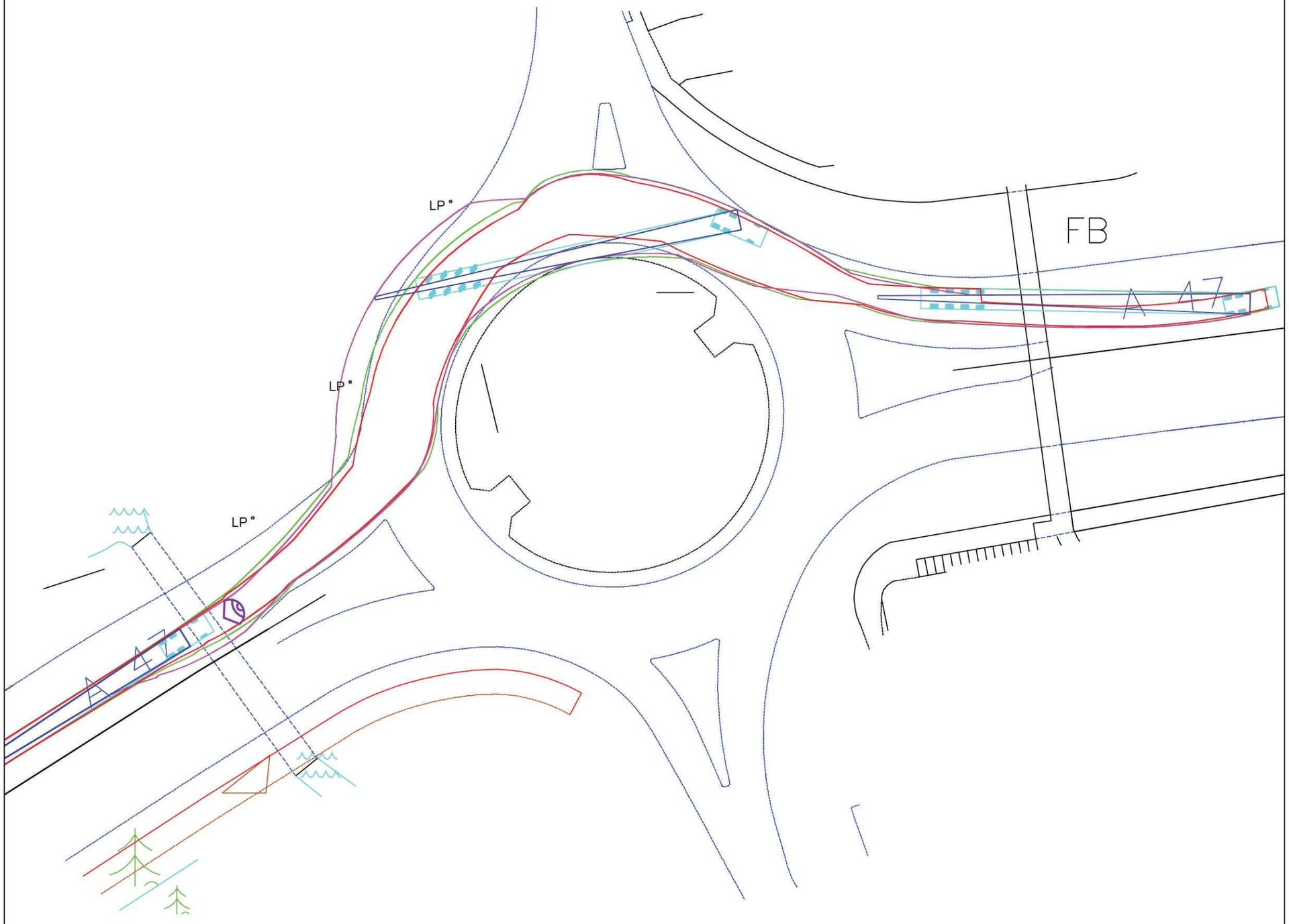
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A47 / THE CAUSEWAY ROUNDABOUT		Figure 8.9
DATE 13/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD	OPT. NO.
SCALE 1:500 SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING	REV NO.





Continue on A47 to junction with B1040
At roundabout continue straight across onto A47.

Caution

- Lamp post will require to be remove in order for loaded components to navigate this roundabout.
- Manual steering required to avoid central island

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 28083 04951

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE A47 / B1040 ROUNDABOUT				Figure 8.10
DATE 13/10/2010	MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.

Mast

Remove Lamp Post

Violet Cottage

B1187

RIVERBANK CLO

Drain

LP

RS

LP



Continue on A47 to junction with B1187
At Junction turned left onto B1187.

****Caution****

- Road widening required across central splitter islands in order for loaded blade trailer to navigate this junction.
- Ground to be prepared to accept suitable axle loadings.

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising AUTOMATIC steering

Grid Ref: TF 39491 03040

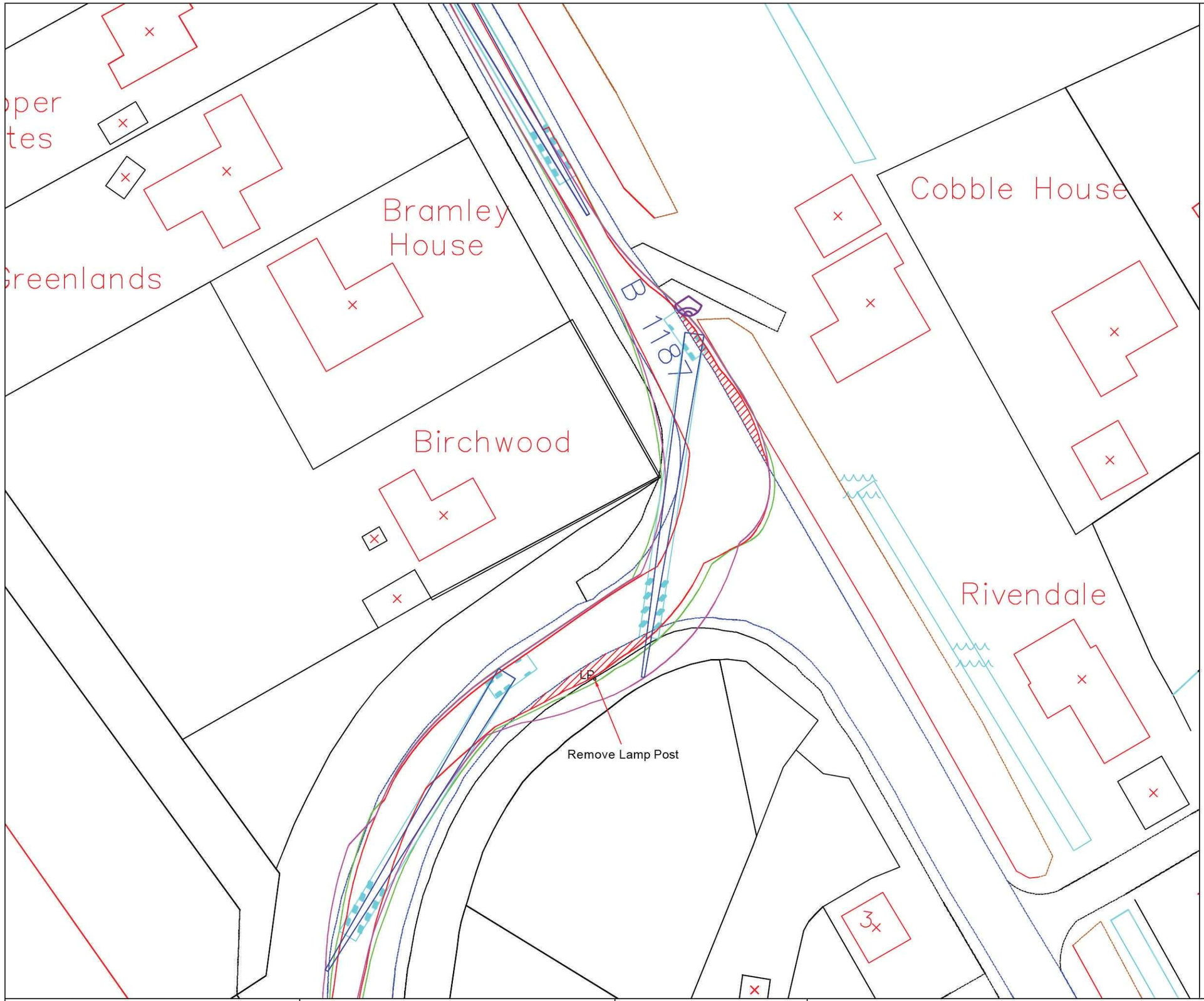
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH		TITLE A47 / B1187 JUNCTION			Figure 8.11
DATE 13/10/2010		MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD	OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT		SITE TREADING	REV NO.





Continue on B1187 to "T" junction with Gull Road
At "T" junction turned left onto B1187.

Caution

- Road widening required on the offside to avoid oversailing private land on the nearside of the junction.
- Ground to be prepared to accept suitable axle loadings.

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 39555 03180

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

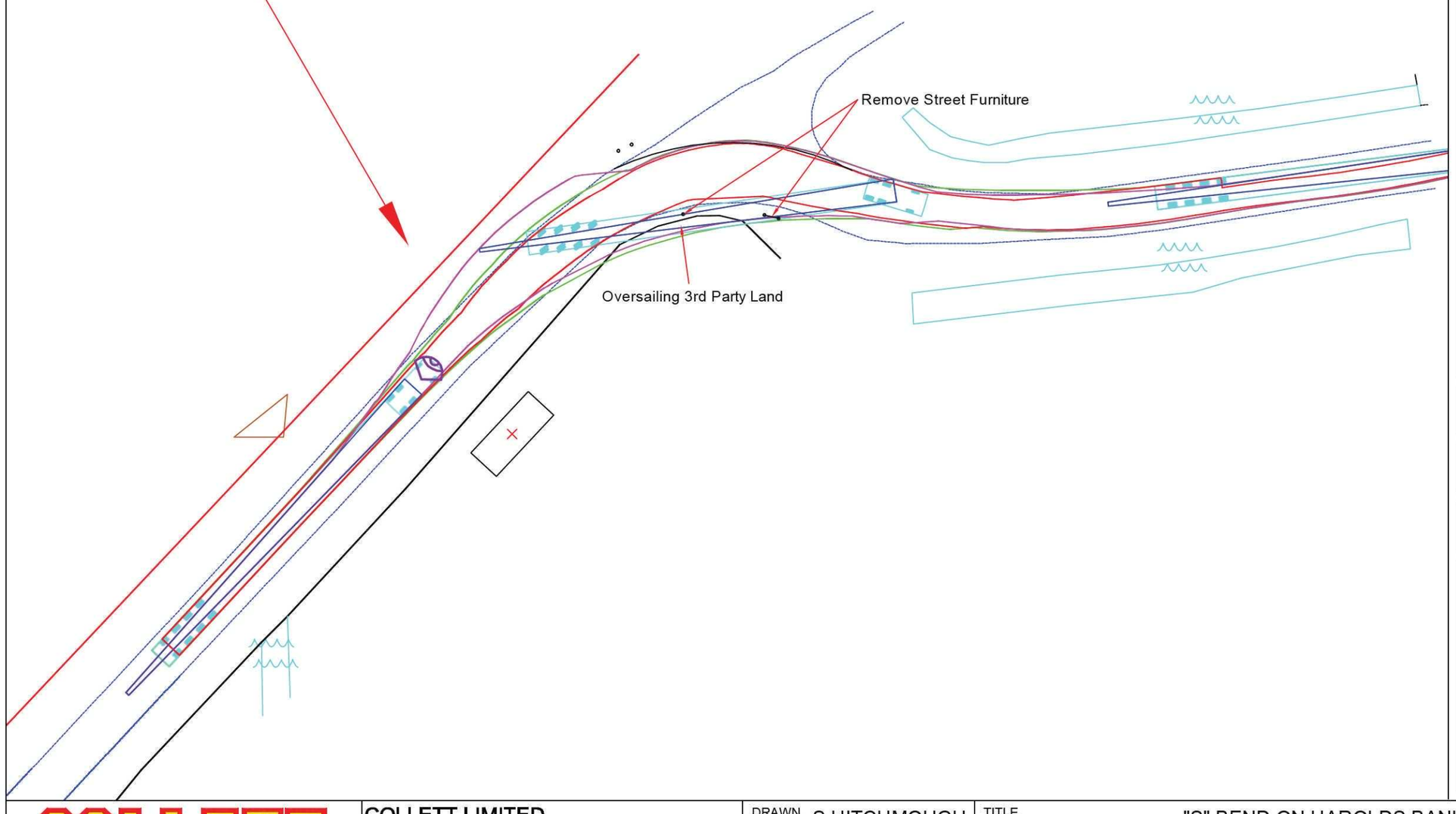
Direction of view

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DRAWN S.HITCHMOUGH	TITLE B1187 / GULL ROAD JUNCTION			Figure 8.12
DATE 13/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500 SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.







Continue Harolds Bank to "S" Bend merging onto turnover Bank

Caution

- The loaded blade vehicle will require to oversail 3rd party land on the offside in order to avoid the drain on the nearside of Harolds Banks
- Remove street furniture on the offside.

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising MANUAL steering

Grid Ref: TF 39094 11765

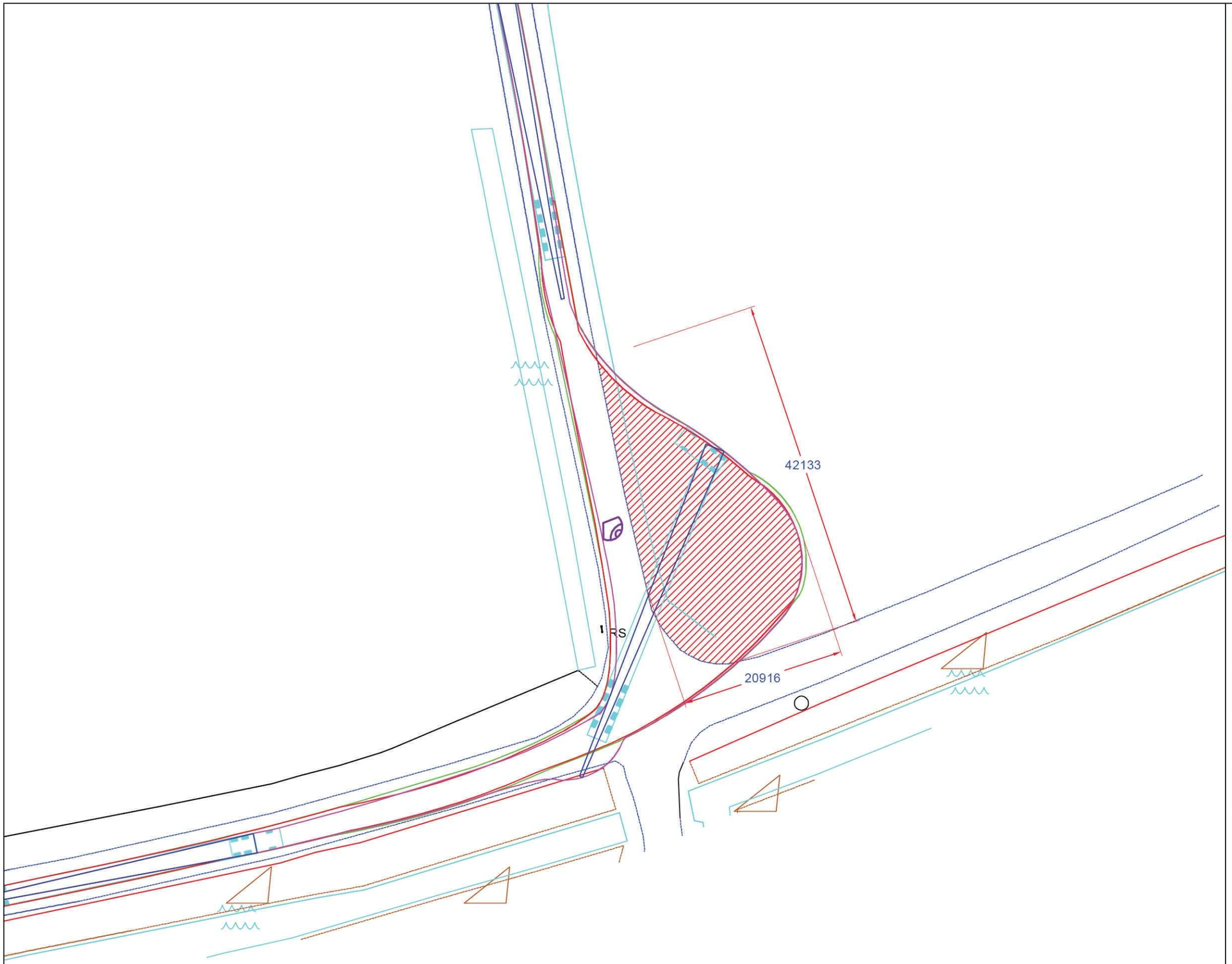
- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

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DRAWN S.HITCHMOUGH	TITLE "S" BEND ON HAROLDS BANK				Figure 8.13
DATE 14/10/2010	MAPPING OS DATA ADJUSTED	CUSTOMER ENGENA LTD	OPT. NO.		
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING	REV NO.	





Continue Decoy Road to crossroads at junction with Hassock Hill Drove.
At the crossroads turn left onto Hassock Hill Drove.

Caution

- Land take is required on the offside in order for loaded blade components to navigate this left turn and avoid private land on the nearside.
- Ground to be prepared to accept suitable axle loadings.

Repower MM92 45.2m Blade on a 40m Trailer

Swept path indicates trailer utilising AUTOMATIC steering

Grid Ref: TF 40982 12053

- Area within green outline will be oversailed by trailer bed and projections
- Area within magenta outline will be oversailed by load and projections
- Area within red outline will be swept by tractor and trailer axles
- Hatched area within red outline to be levelled and prepared to accept axle loadings

Direction of view

COLLETT TRANSPORT

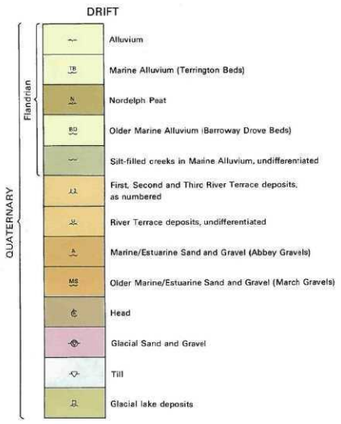
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DRAWN S.HITCHMOUGH	TITLE LEFT TURN AT CROSSROADS ONTO HASSOCK HILL DROVE				Figure 8.14
DATE 11/10/2010	MAPPING OS DATA ADJUSTED		CUSTOMER ENGENA LTD		OPT. NO.
SCALE 1:500	SIZE A3	PINCH POINT IDENTIFIED BY: COLLETT	SITE TREADING		REV NO.

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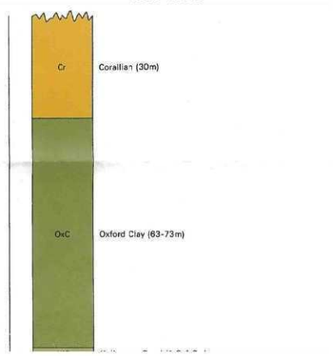
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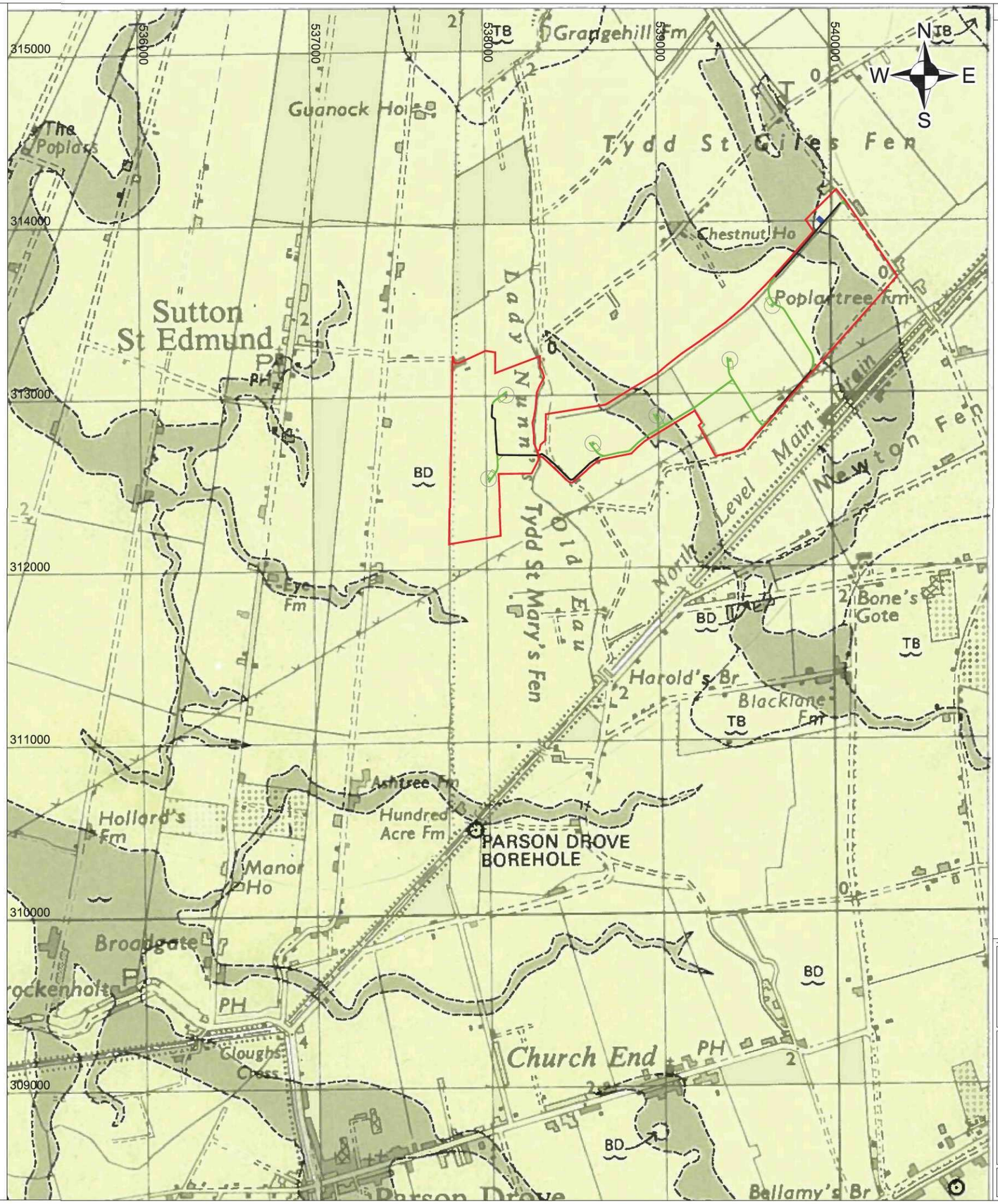


GENERALIZED VERTICAL SECTION

(Rocks older than Upper Lias not exposed)

Scale 1:1000





LEGEND

- APPLICATION BOUNDARY
- TURBINES

SLR
4 THE ROUNDAL
RODDINGLAW BUSINESS
PARK, GOGAR
EDINBURGH. EH12 9DB
T: 0131 335 6830
F: 0131 335 6831
www.slrconsulting.com

ENGENA LTD

TREADING WIND FARM
HYDROGEOLOGICAL ASSESSMENT

GEOLOGY

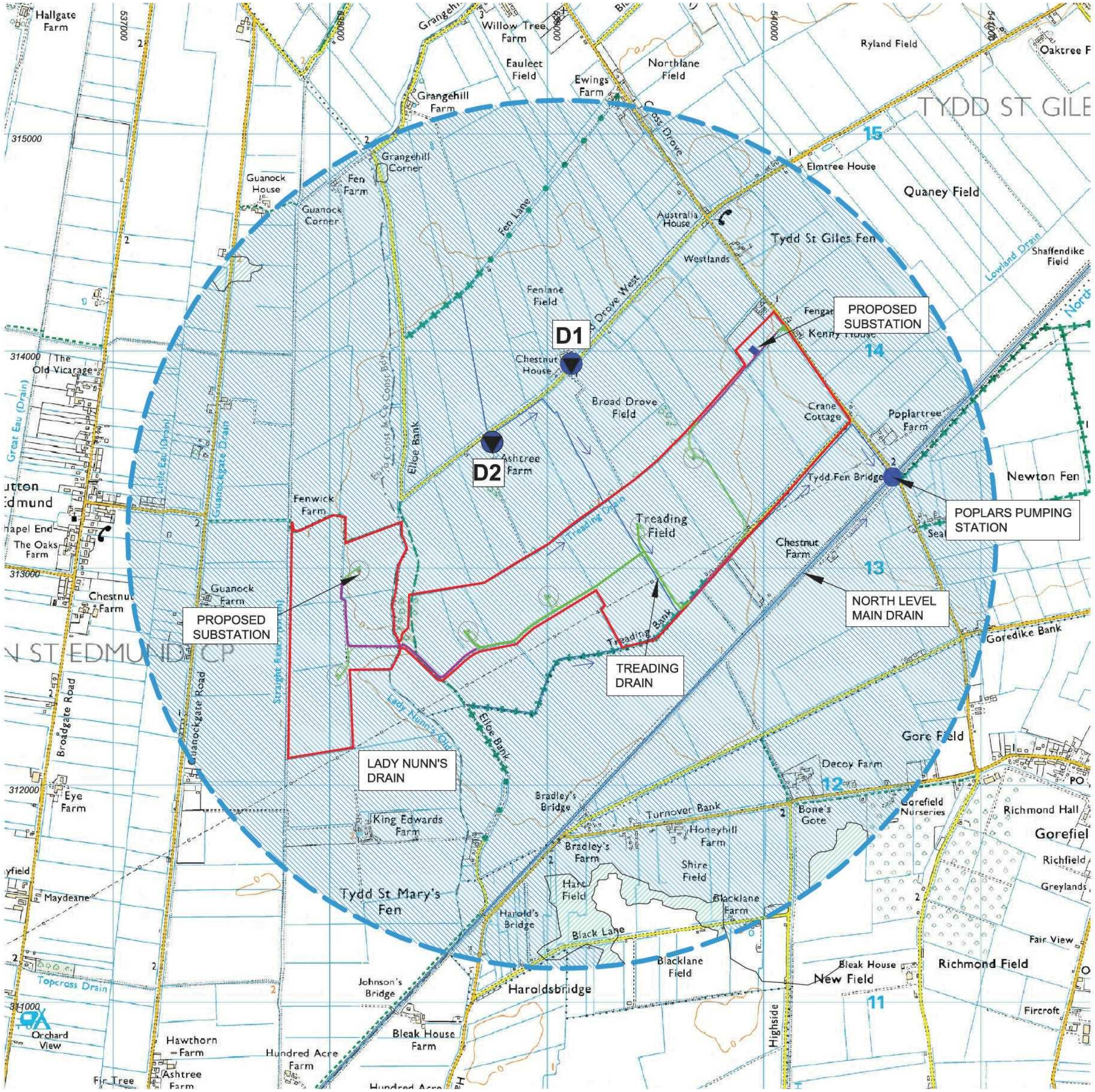
Figure 9.1

Scale 1:25,000@A3

Date DECEMBER 2010

2350.00003.11.01

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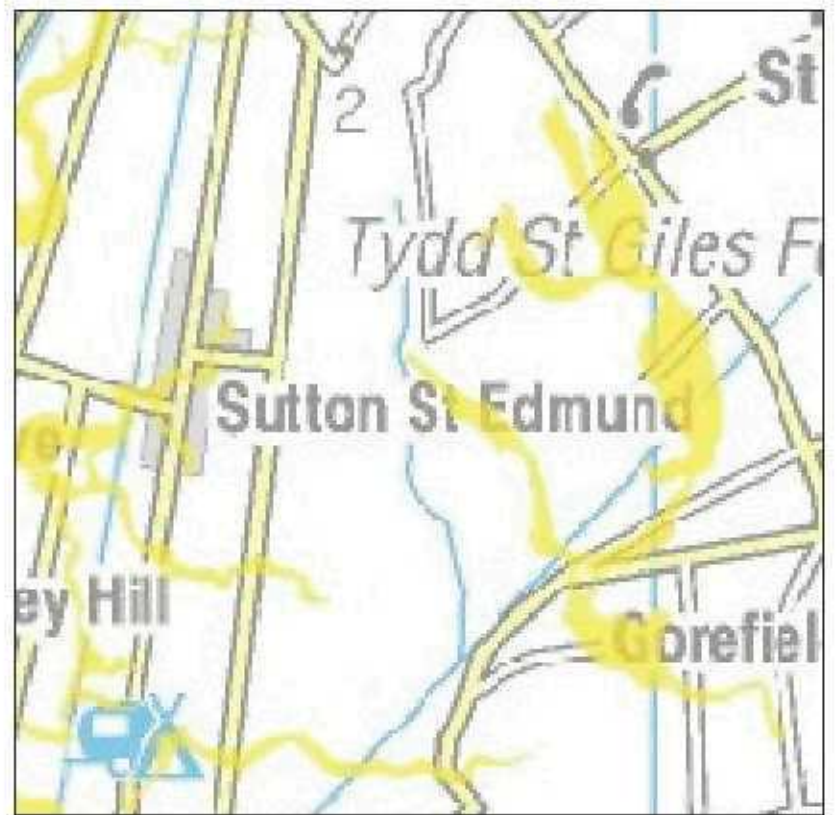


NOTES

FLOOD ZONE AND VULNERABILITY AND THE FLOOD ZONES WERE TAKEN FROM THE ENVIRONMENT AGENCY WEBSITE, ACCESSED ON 05/05/10 EXTENT SHOWN 2km FROM SITE CENTRE POSITION ONLY.

LEGEND

- APPLICATION BOUNDARY
- SURFACE WATER DISCHARGES (SEE TABLE 2/5)
- 0.1% ANNUAL PROBABILITY OF FLUVIAL / TIDAL FLOODING
- 0.5% ANNUAL PROBABILITY OF TIDAL FLOODING & 1% ANNUAL PROBABILITY OF FLUVIAL FLOODING
- NORTH LEVEL IDB MAIN DRAIN
- NORTH LEVEL IDB PUMPING STATION
- DIRECTION OF FLOW
- 2km RADIUS FROM SITE CENTRE
- PROPOSED TURBINES
- EXISTING ACCESS TRACK
- PROPOSED ACCESS TRACK



AQUIFER CLASSIFICATION
SCALE 1:100,000

- Principal
- Secondary A
- Secondary B
- Secondary (undifferentiated)
- Unknown (lakes and landslip)

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F: 0131 335 6831
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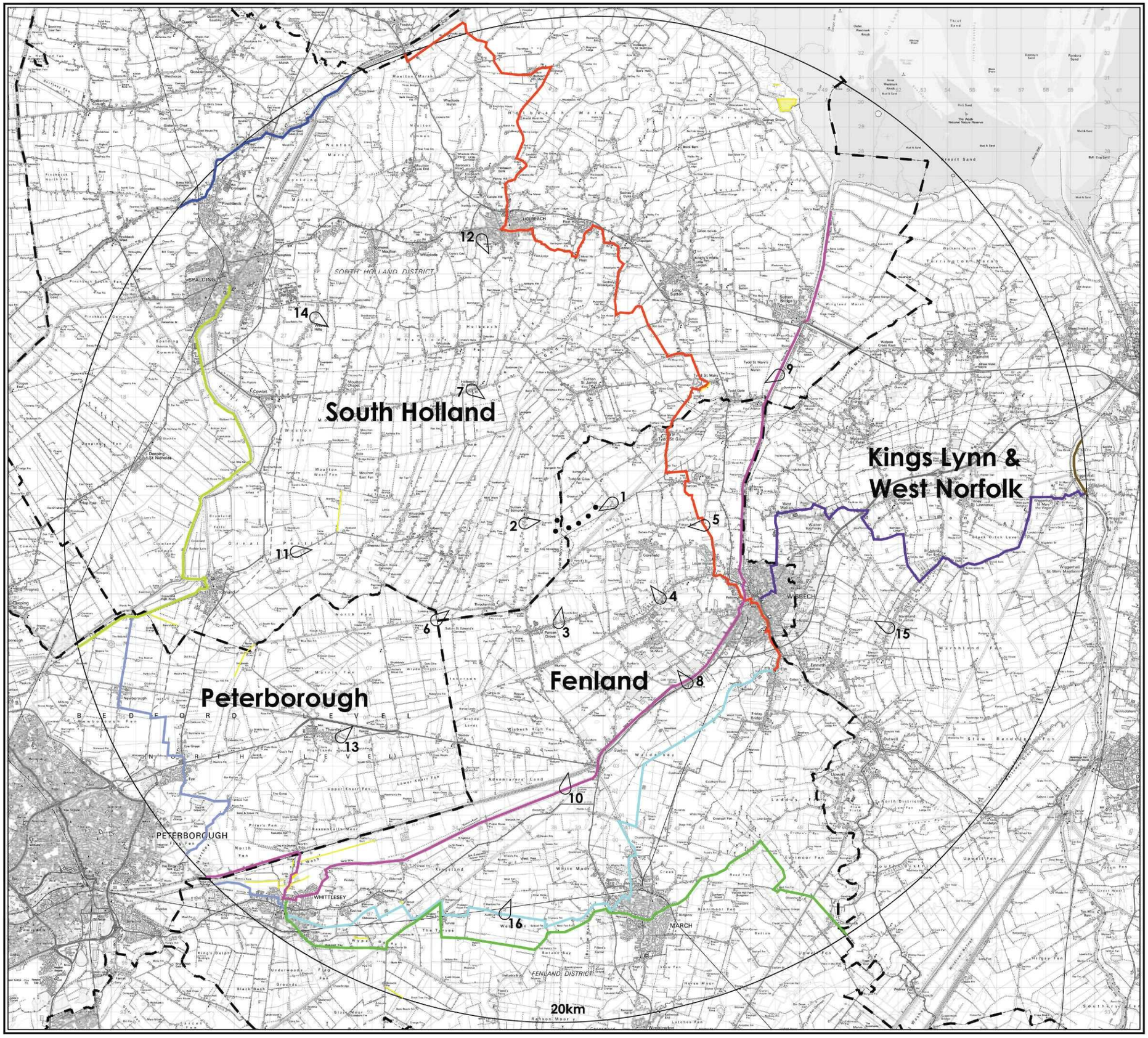
TREADING WIND FARM
HYDROGEOLOGICAL ASSESSMENT

LOCAL HYDROLOGY AND HYDROGEOLOGY

Figure 9.2

Scale	Date
1:20,000@A3	DECEMBER 2010

2350.00003.11.02



Project:

Treading
Wind Farm

Client:

WindVentures

Key:

- District boundaries
- Location of proposed turbines
- Access land
- Nene Way
- Hereward Way
- Macmillan Way
- Fen Rivers Way
- Sustrans Route 1
- Sustrans Route 11
- Sustrans Route 12
- Sustrans Route 21
- Sustrans Route 63
- Viewpoint locations

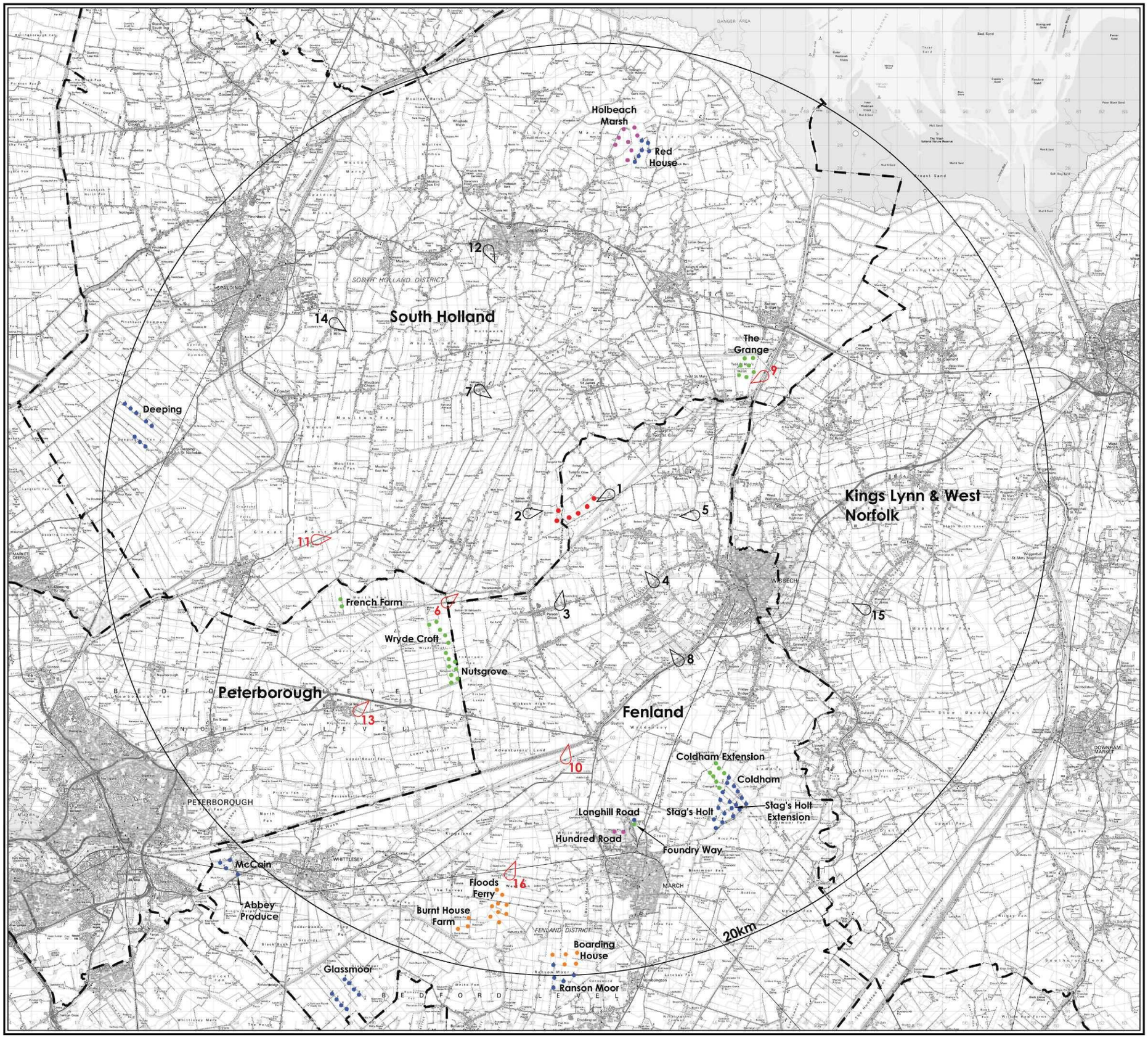
Notes:

1. © Crown copyright, copied under licence 10041516.

N

0 1 2 3 4 5 6 7 8km

Figure: 10.1
Access Land & Recreational Routes



Project:

Treading
Wind Farm

Client:

WindVentures

Key:

- District boundaries
- Location of proposed Treading turbines
- Location of built turbines
- Location of permitted turbines
- Location of turbines at appeal
- Location of proposed turbines
- 1 Viewpoint locations
- 6 Cumulative viewpoint locations

Notes:

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N

0 2 4 6 8km

Figure: 10.2
Wind Farms in the Study Area



Project:

Treading
Wind Farm

Client:

WindVentures

Key:

- District boundaries
- Location of proposed turbines

Landscape designations:

South Holland:

- Wash Coastal Conservation Area

King's Lynn & West Norfolk:

- Area of Important Landscape Quality 'open'
- Viewpoint locations

Notes:

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N

0 1 2 3 4 5 6 7 8km

Figure: 10.3
Landscape Designations

Project:

Treading
Wind Farm

Client:

WindVentures

Key:

- District boundaries
- Location of proposed turbines
- National Character Area 46 -The Fens
- Viewpoint locations

Notes:

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0 1 2 3 4 5 6 7 8km

N

Figure: 10.4
National Landscape Character

Project: **Treading Wind Farm**

Client: WindVentures

Key:

- District boundaries
- Location of proposed turbines

Landscape Character Type - South Holland

- 1a - Coastal Saltmarshes and Mudflats
- 2a - Settled Fens and Marshes
- 2b - Planned & Drained Fens & Carrlands
- Urban

Landscape Character Type - Kings Lynn

- Open Coastal Marshes
- Drained Coastal Marshes
- The Fens - Settled Inland Marshes
- The Fens- Open Inland Marshes

Landscape Character Area - Fenland

- Wisbech Settled Fen
- The Fens
- Whittlesey Island
- March Clay Island

Landscape Character Area - Peterborough

- Peterborough Fens
- Peterborough Fen Fringe

Landscape Character Area - South Kesteven

- The Fens

- Viewpoint locations

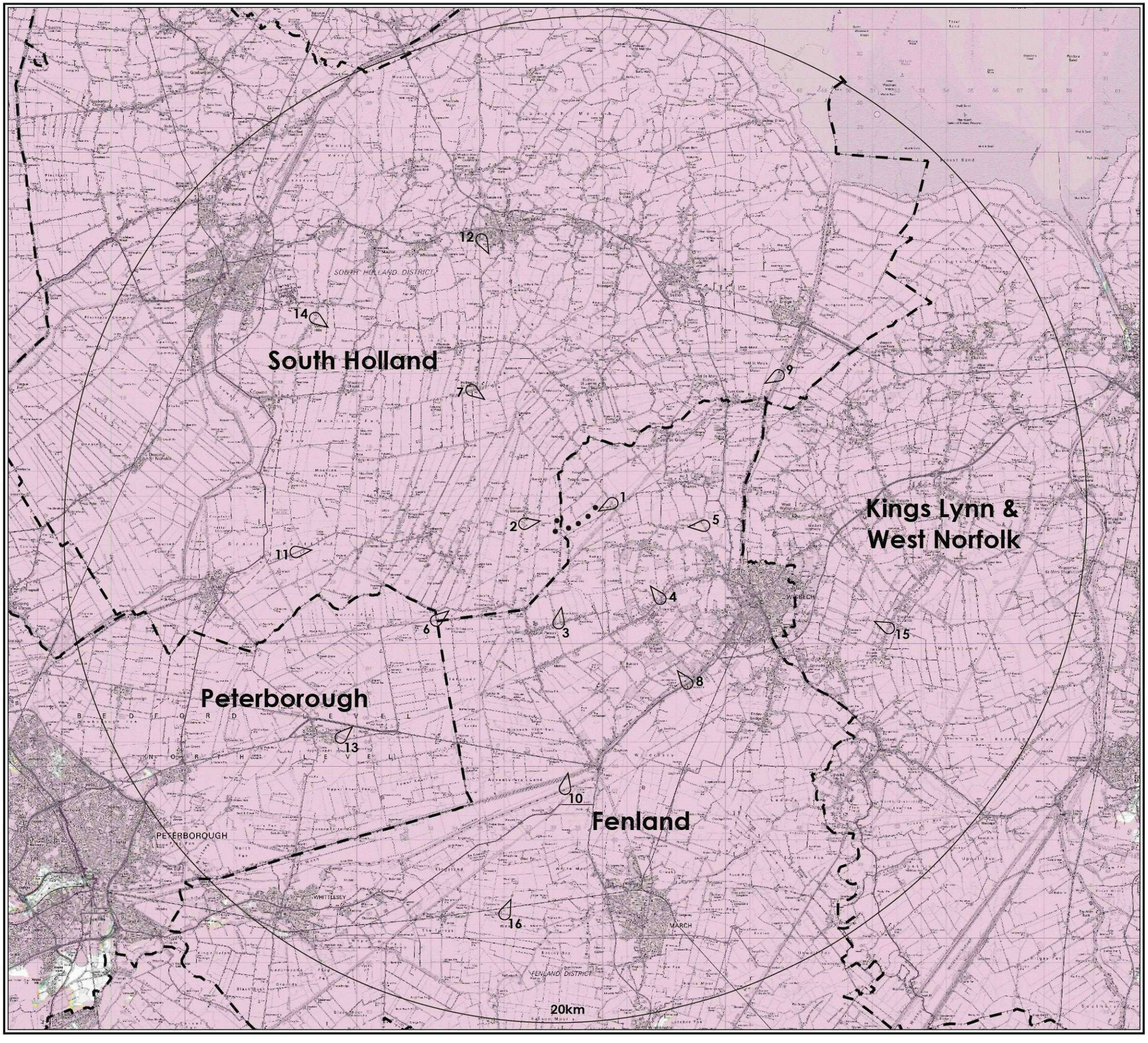
Notes:

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0 1 2 3 4 5 6 7 8km

N

Figure: 10.5
Local Landscape Character & Landscape



Project:

Treading
Wind Farm

Client:

WindVentures

Key:

- District boundaries
- Location of proposed turbines

Number of wind turbines visible:

- 1
- 2
- 3
- 4
- 5
- 6
- 1 Viewpoint locations

Notes:

1. Tip height ZTV. Predicted visibility is for observer eye level 1.6m above ground level.
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features.
3. Created using Ordnance Survey digital terrain data on a 50m grid.
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N

0 1 2 3 4 5 6 7 8km

Figure: 10.6
20km Tip Height ZTV & Viewpoint Locations

(VPT 23) Red House bridge

(VPT 17) Manor Hill

(VPT 21) Tretton Bridge

(VPT 24) Broadgate Road

(VPT 20) Providence House 2

(VPT 19) Providence House 1

(VPT 22) Makinder Farm

(VPT 18) Roman Bank

(VPT 25) B1166 Parsons Drove

(VPT 26) Parson Drove Graveyard

Figure 11.1 Proposed Treading Wind Farm showing view points for visualisations with distribution of Listed Buildings and scheduled Ancient Monuments.

WindVentures

Scale 1:50,000 @ A3

Turbines

Landowner Boundary

Listed Buildings

Scheduled Ancient Monuments

Visualisation viewpoints referred to in text of Chapter 11 Historic Environment

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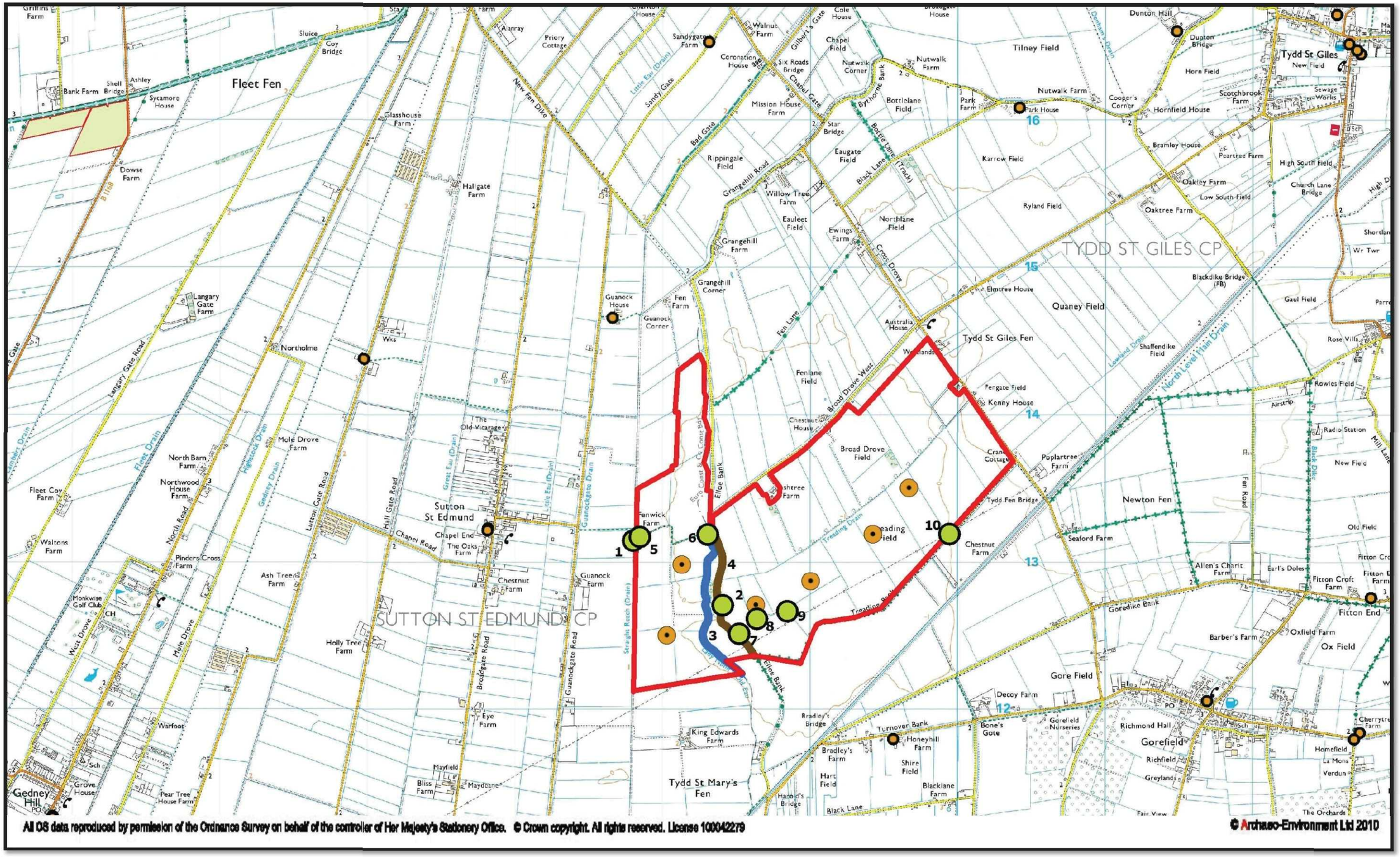


Figure 11.2. Proposed Treading Wind Farm showing Historic Environment Assets.

WindVentures

Scale 1:25,000 @ A3

Turbines

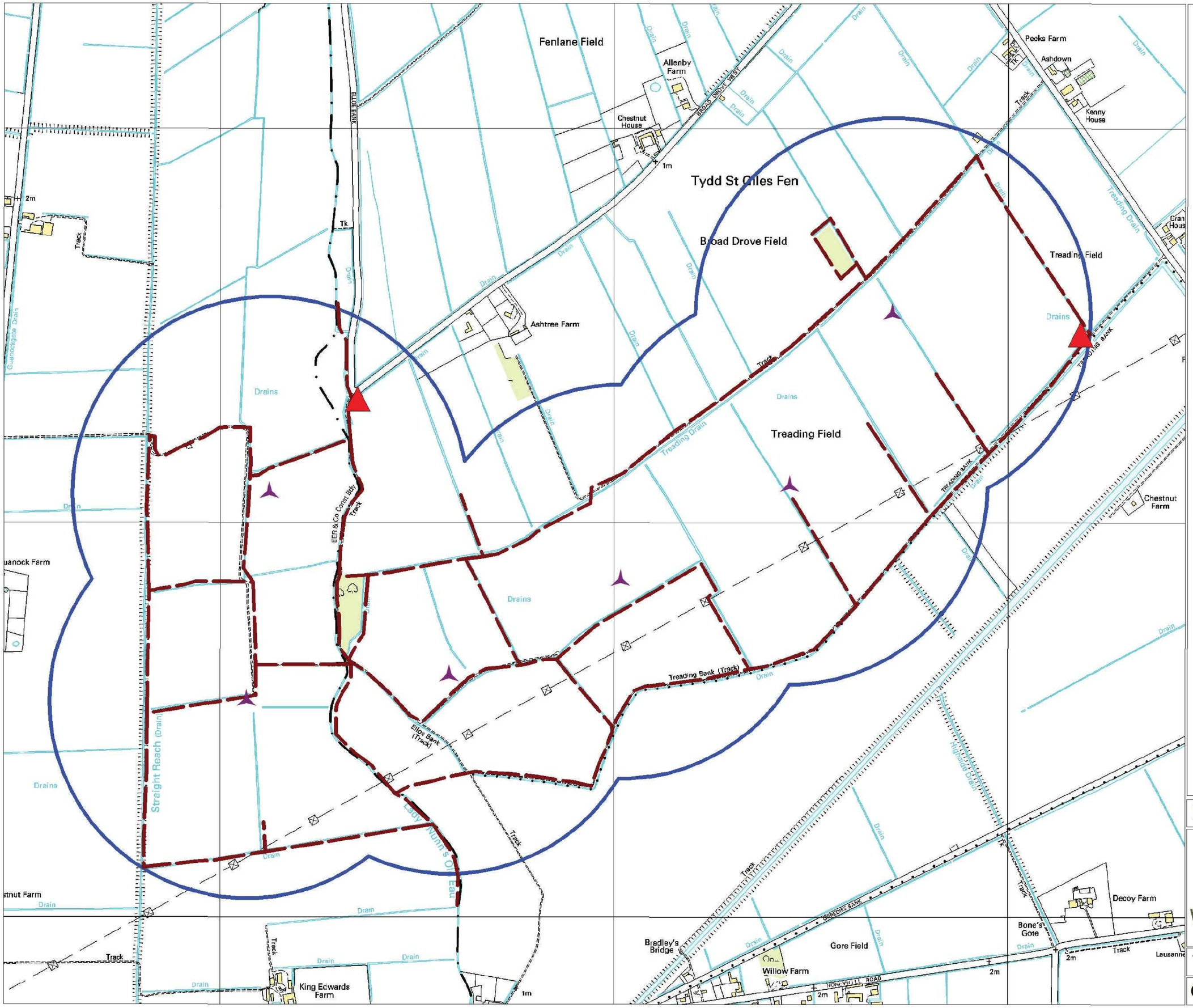
Landowner Boundary

Listed Buildings

Historic Assets within the landowner boundary 1-10 (ES Table 11.12) 9

Linear Features 3 and 4 shown as and respectively.

Scheduled Ancient Monuments



Legend

- Proposed Turbine Position
- 500m Buffer and Survey Area
- Vantage Point
- Breeding Bird Survey Transect Route

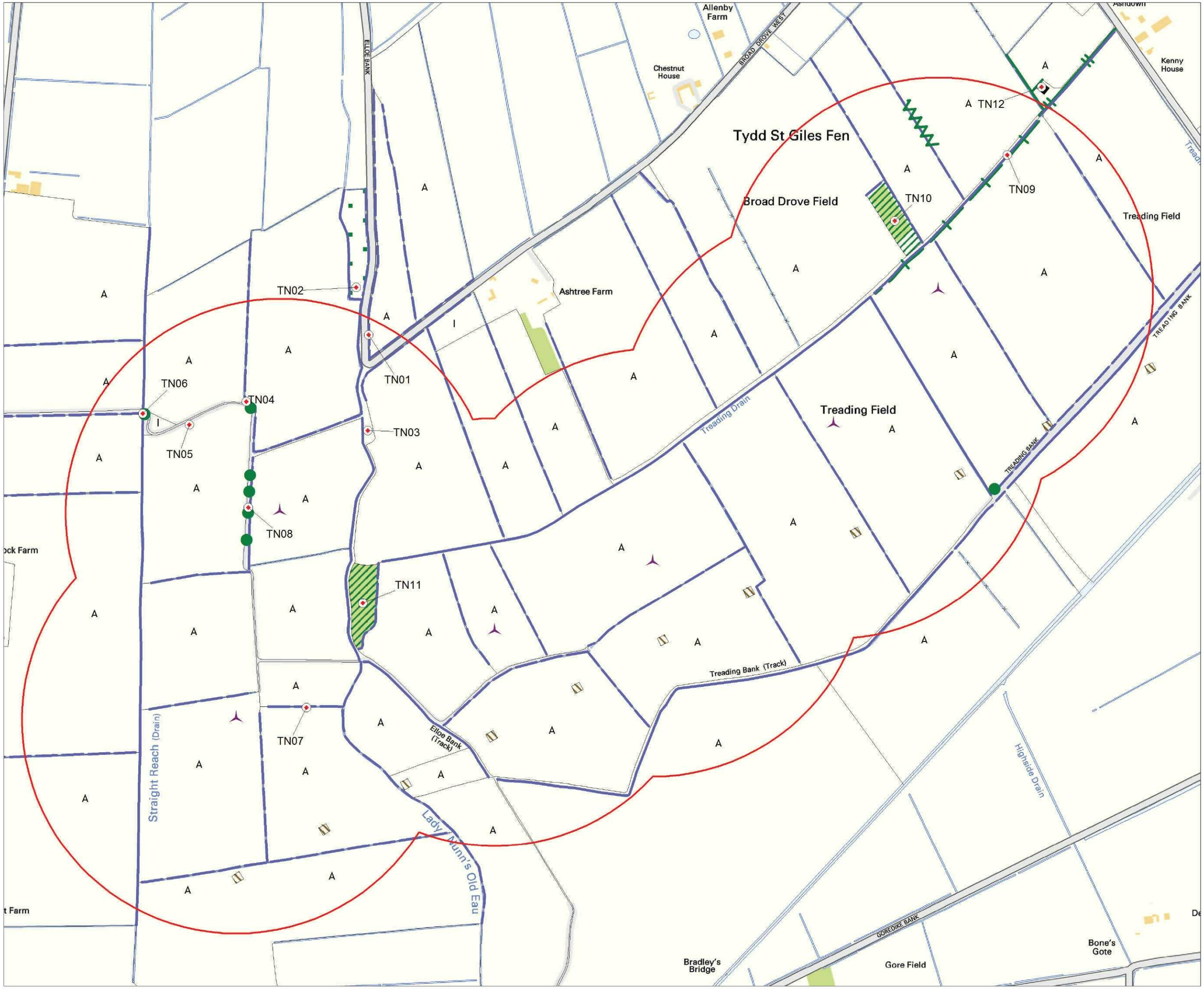
November 2010

Figure 12.1

WILD FRONTIER ECOLOGY

Treading Wind Farm Proposal

Ornithological Surveys Map



Legend

- Proposed turbine location
- 500m buffer
- A — Arable
- I — Improved grassland
- Broad-leaved plantation woodland
- Scattered trees
- Tall ruderal
- Buildings
- Bare ground
- Line of trees
- Intact species rich hedgerow
- Intact species poor hedgerow
- Intact species poor hedgerow with trees
- Wet ditch
- Dry ditch
- Boundary removed
- Standard tree
- Target note

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Figure 13.1

WILD FRONTIER ECOLOGY

Treading

Phase 1 Habitat Map