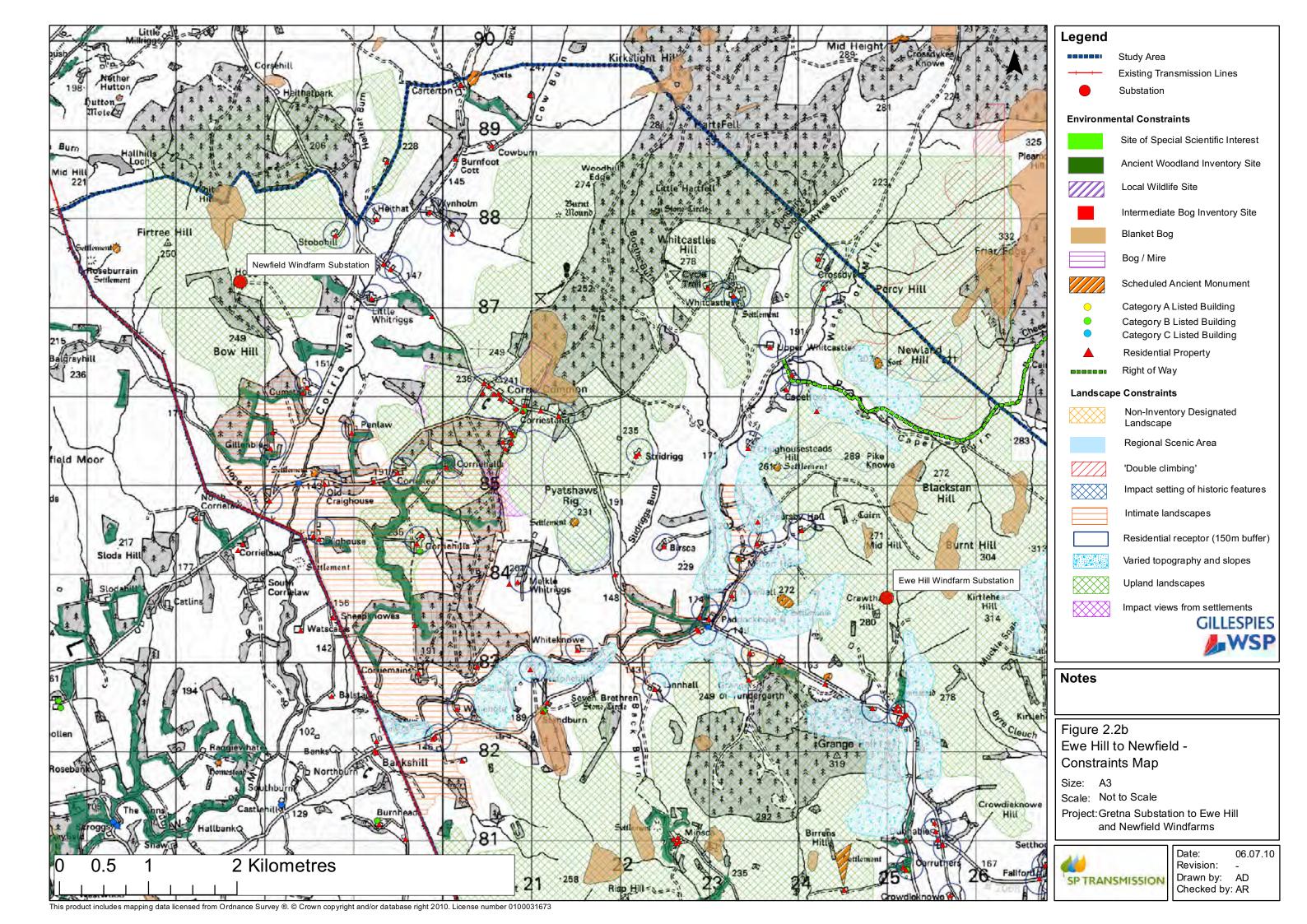
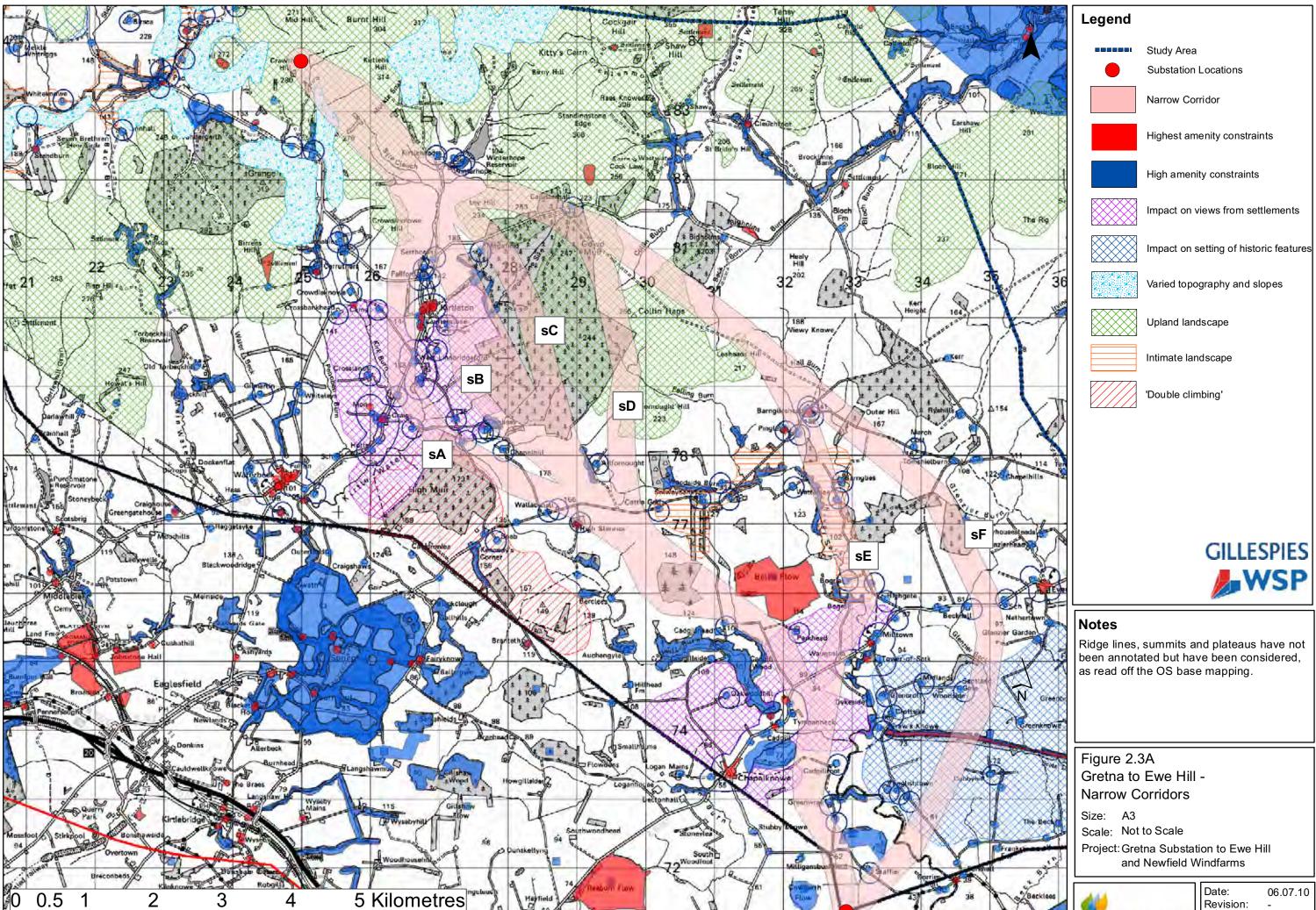


SP TRANSMISSION

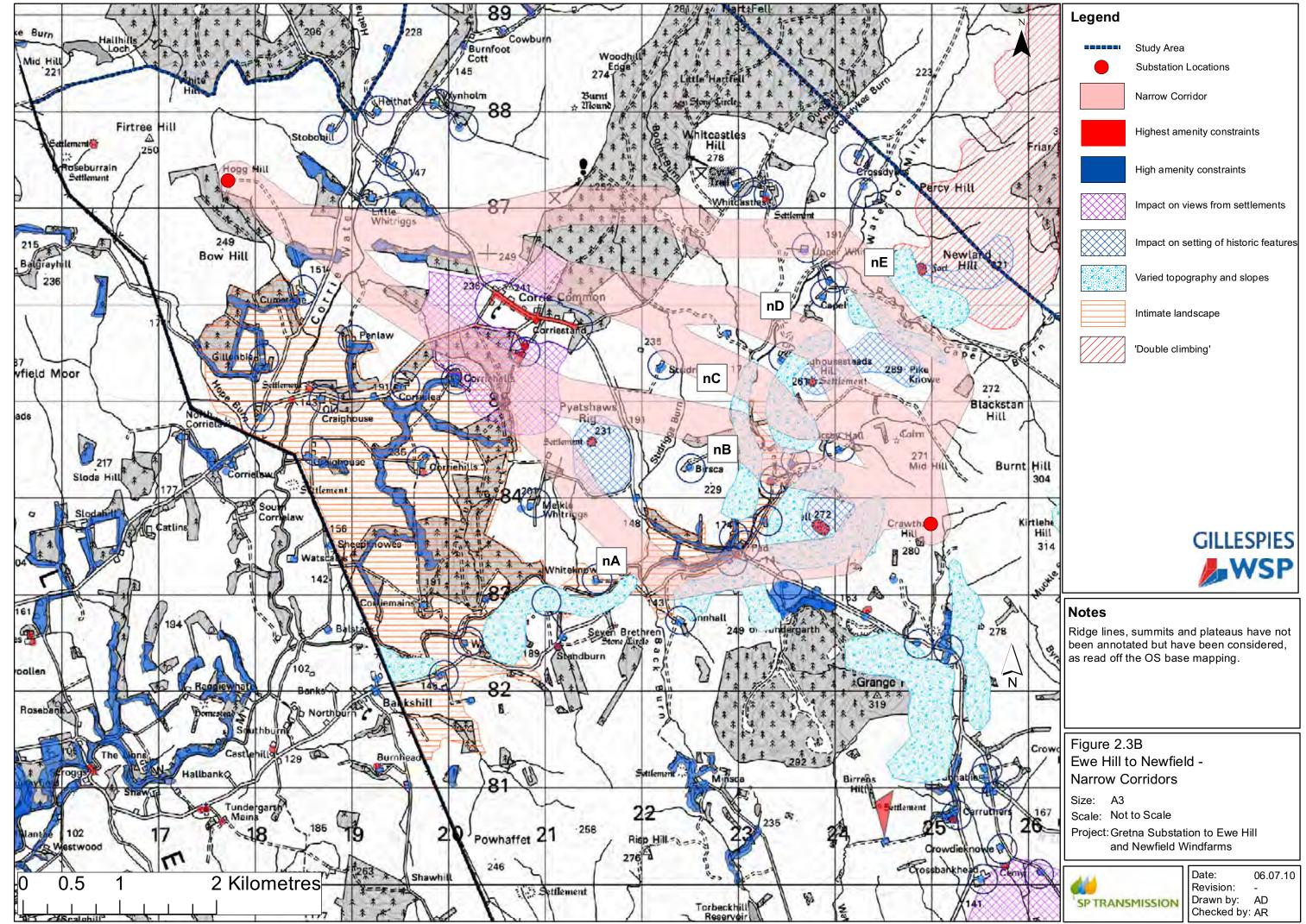
Drawn by: AD Checked by: AR

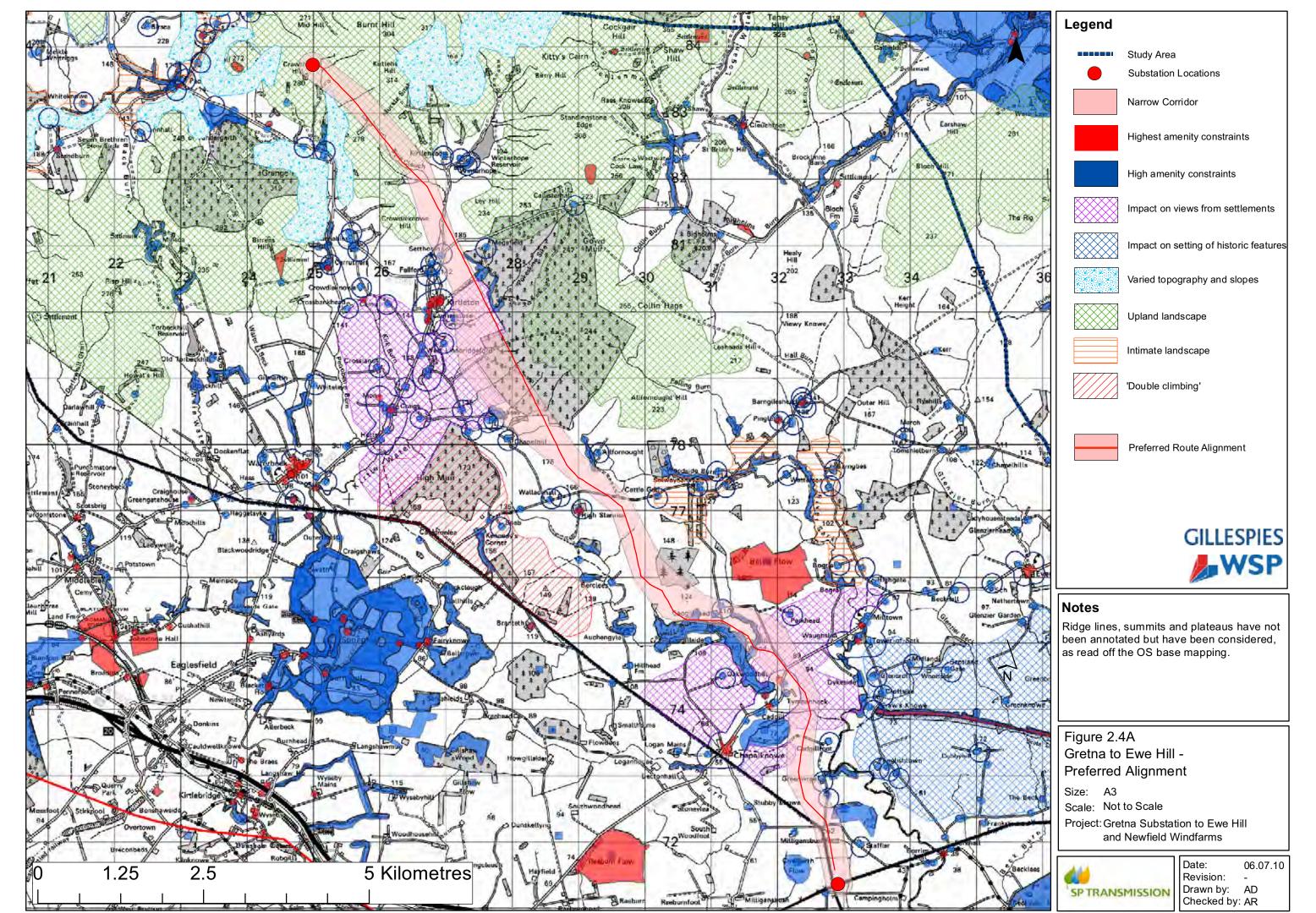


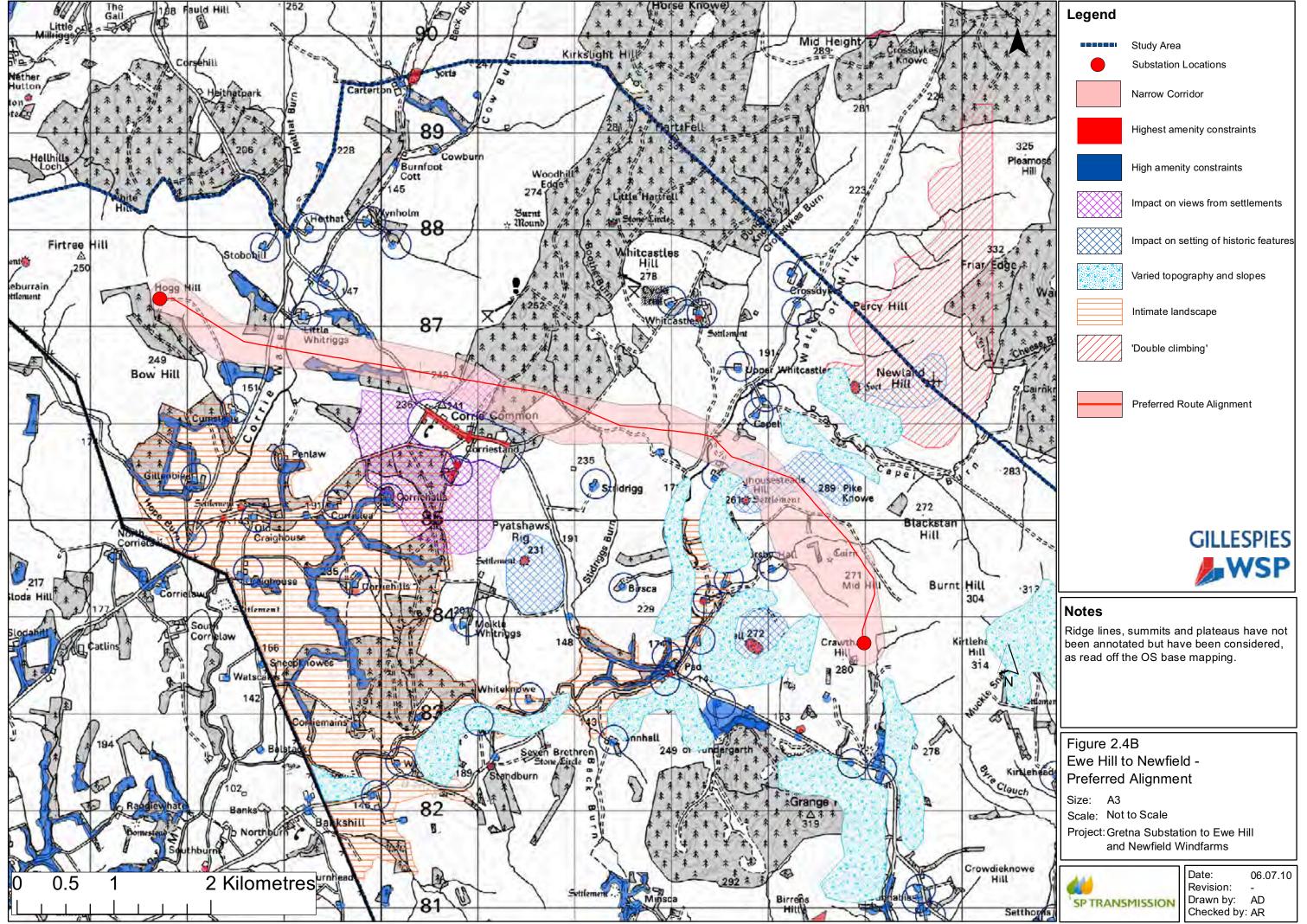


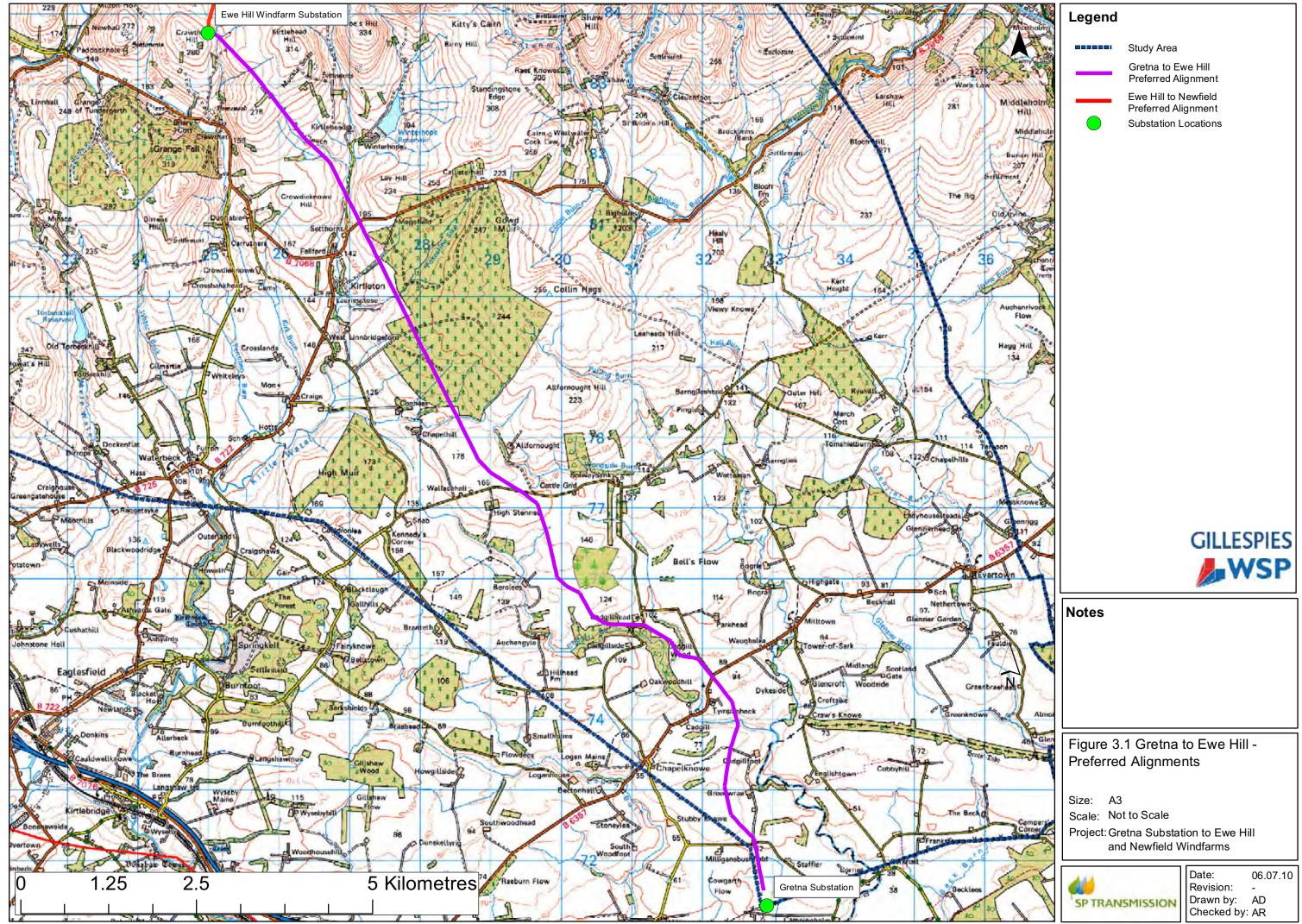


06.07.10 Revision: Drawn by: AD Checked by: AR

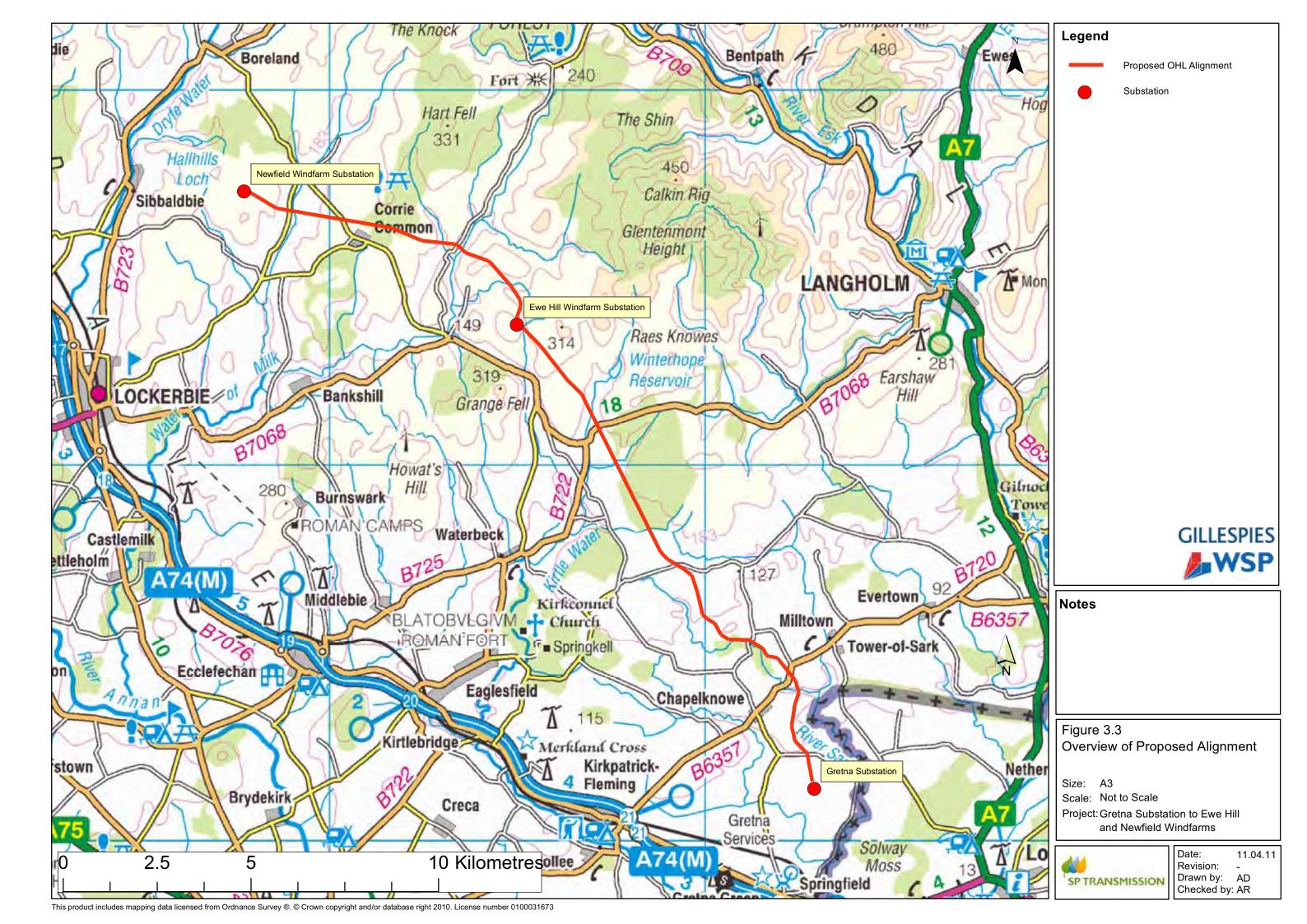


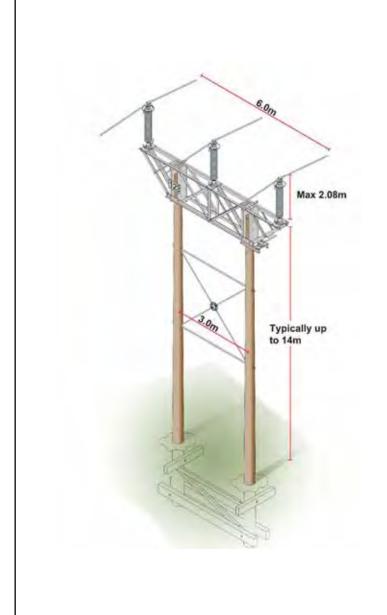




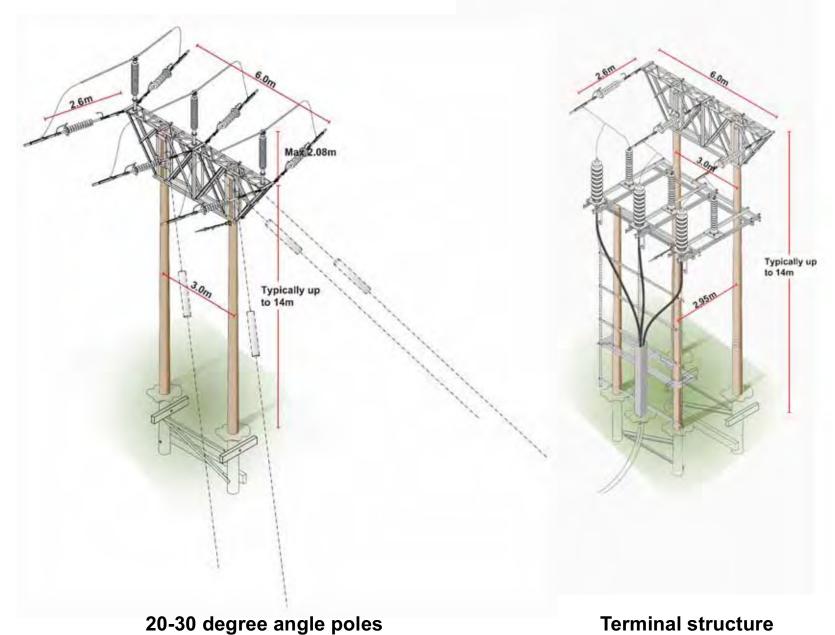












Legend



Notes

CAPITA LOVEJOY

Figure 3.4

Typical Heavy Duty Wood Pole Construction Images

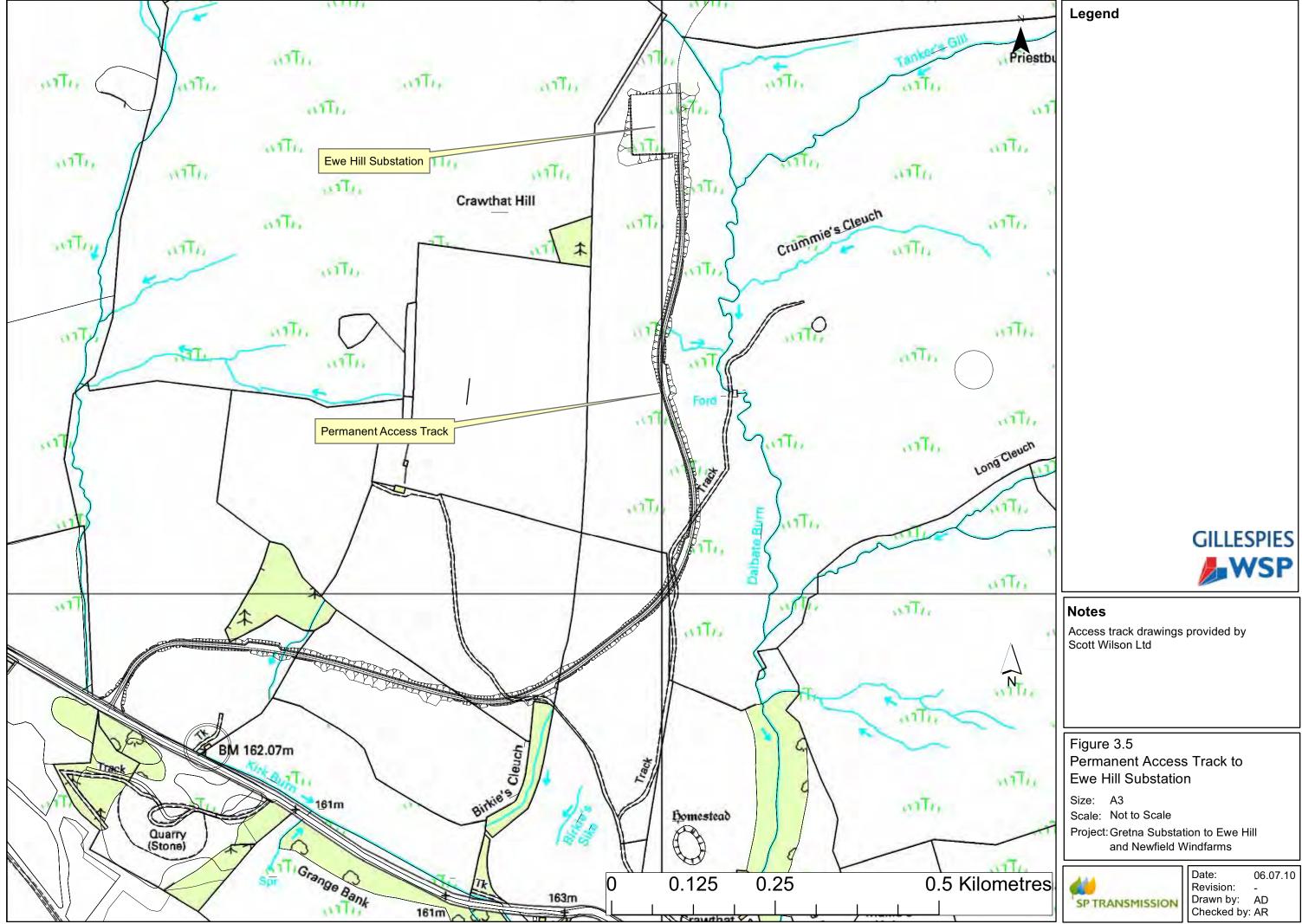
Size: A3

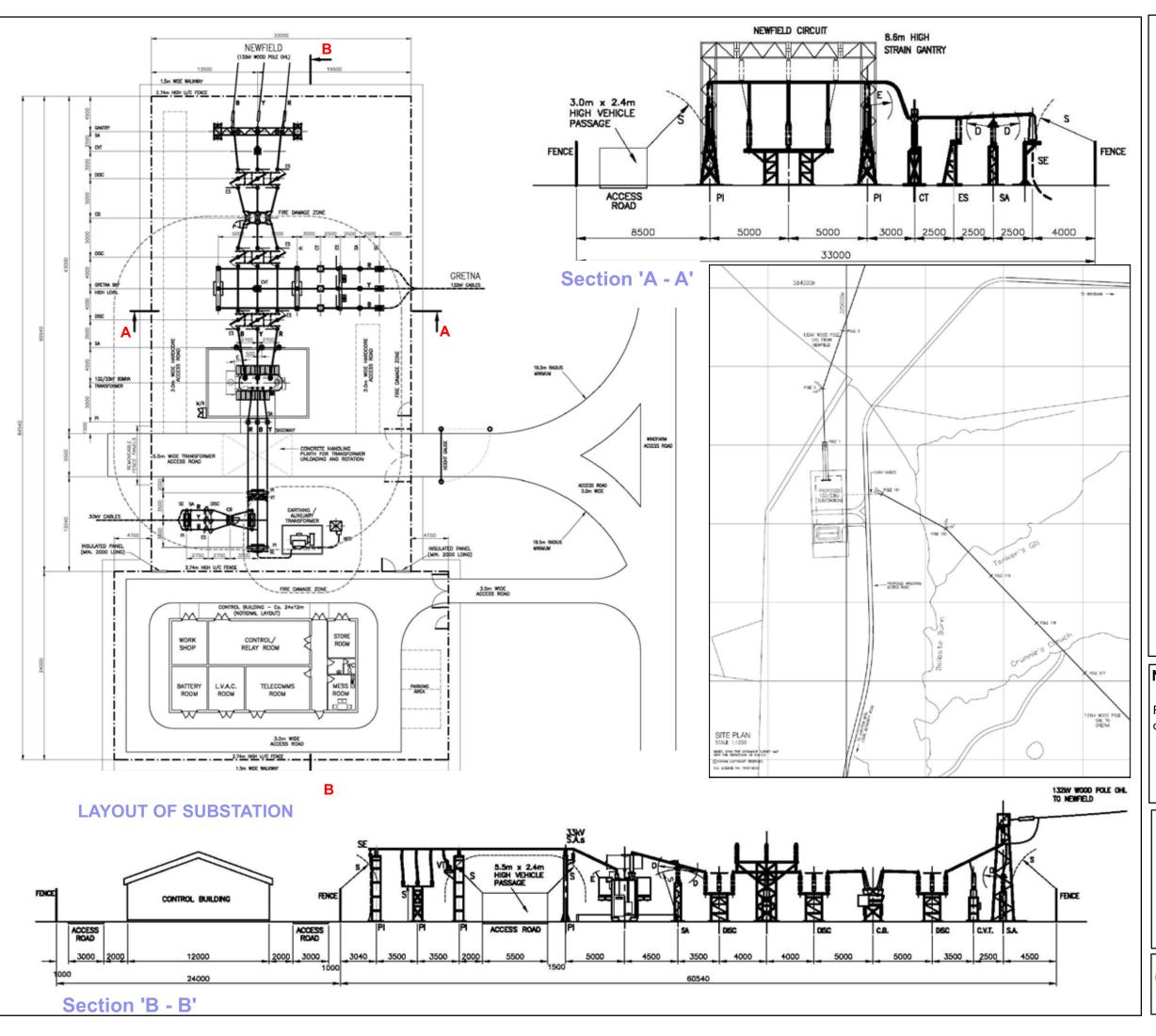
Scale: Not to Scale

Project: Gretna Substation to Ewe Hill and Newfield Windfarms



Date: 07.07.10
Revision: Drawn by: AD
Checked by: AR







Notes

Reproduced from SP Energy Networks drawing SP 2146911:Revision 6

Figure 3.6

Electrical layout of proposed Ewe Hill substation

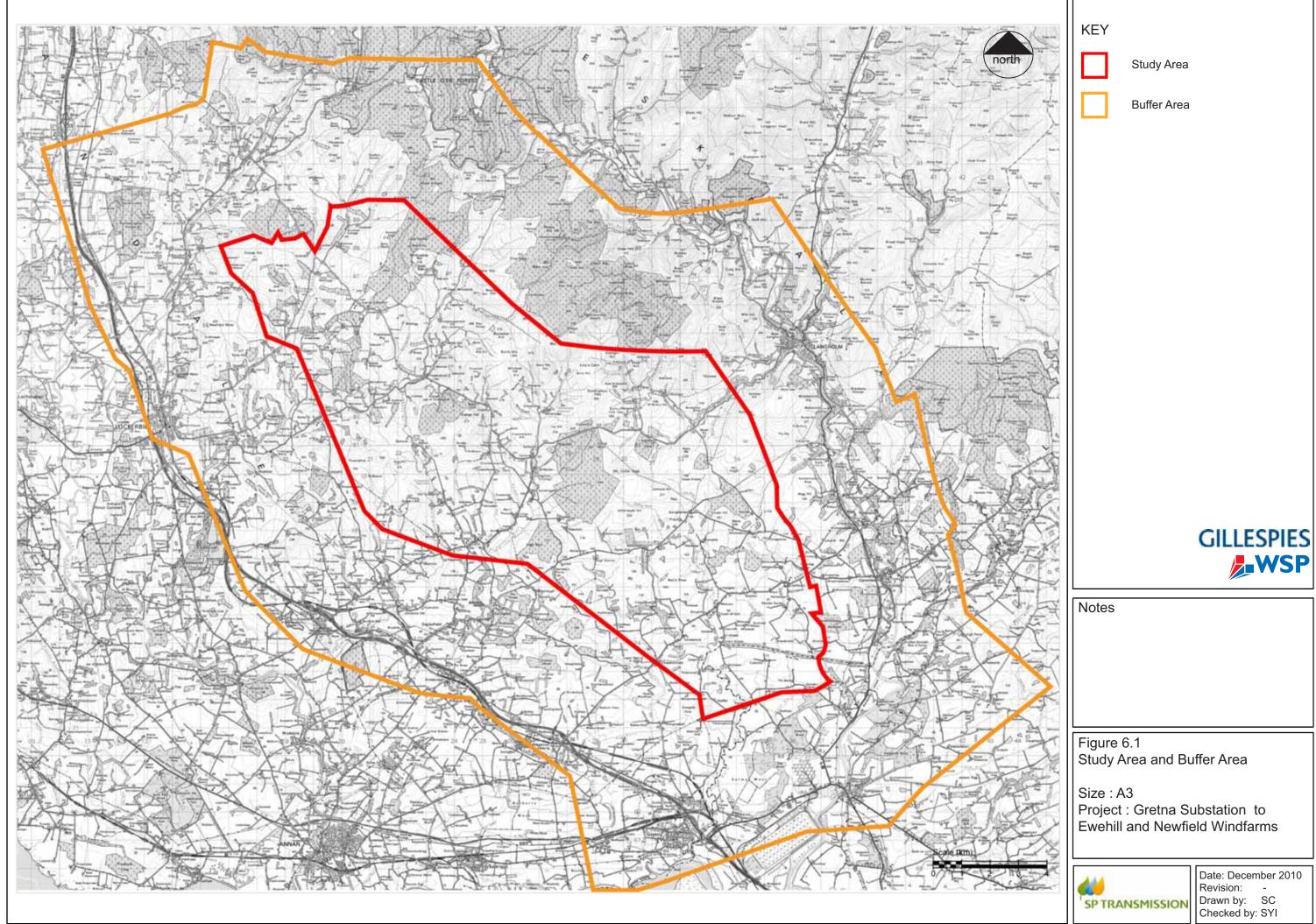
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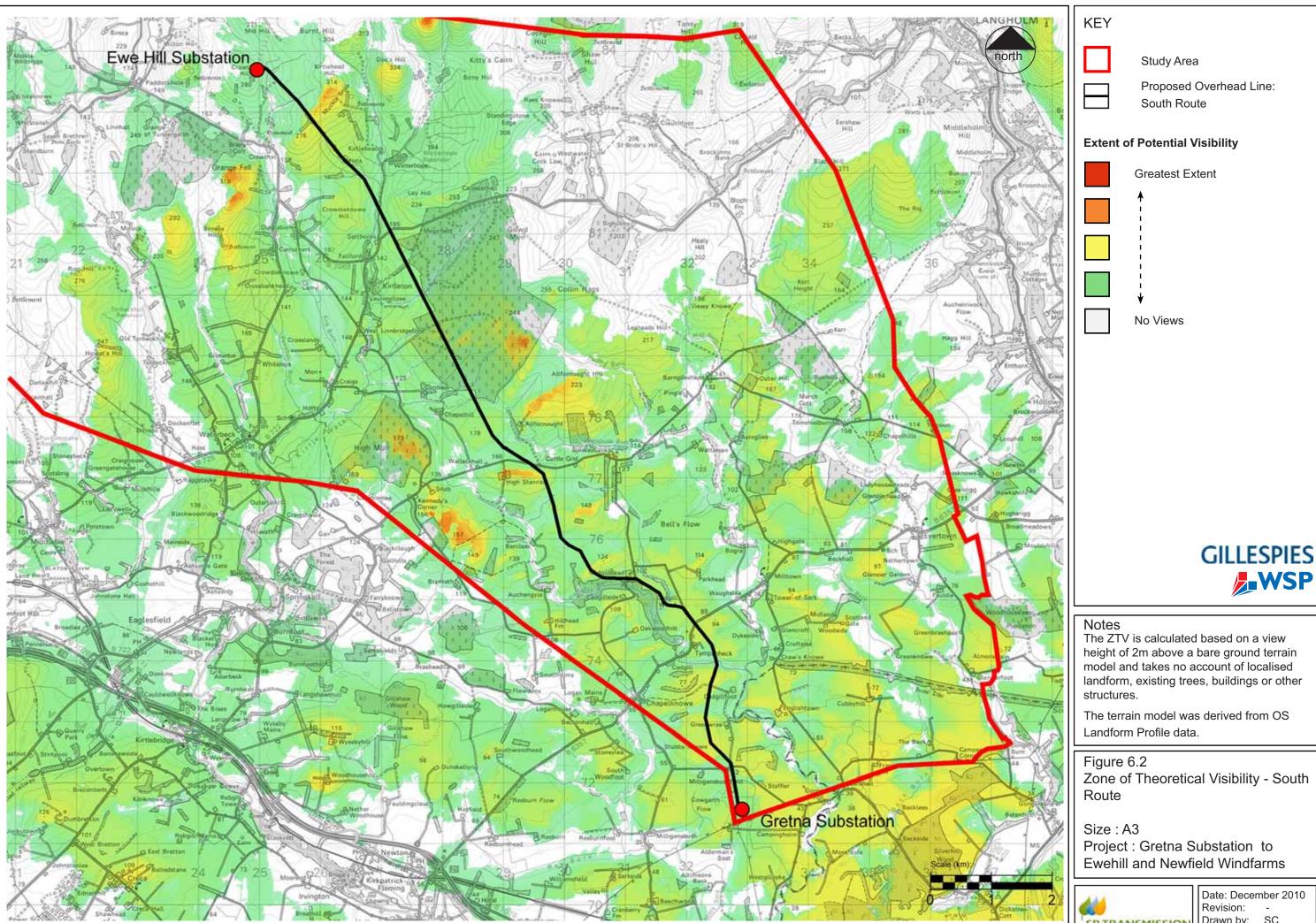
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Date: 12.04.11
Revision: Drawn by: AD
Checked by: AR



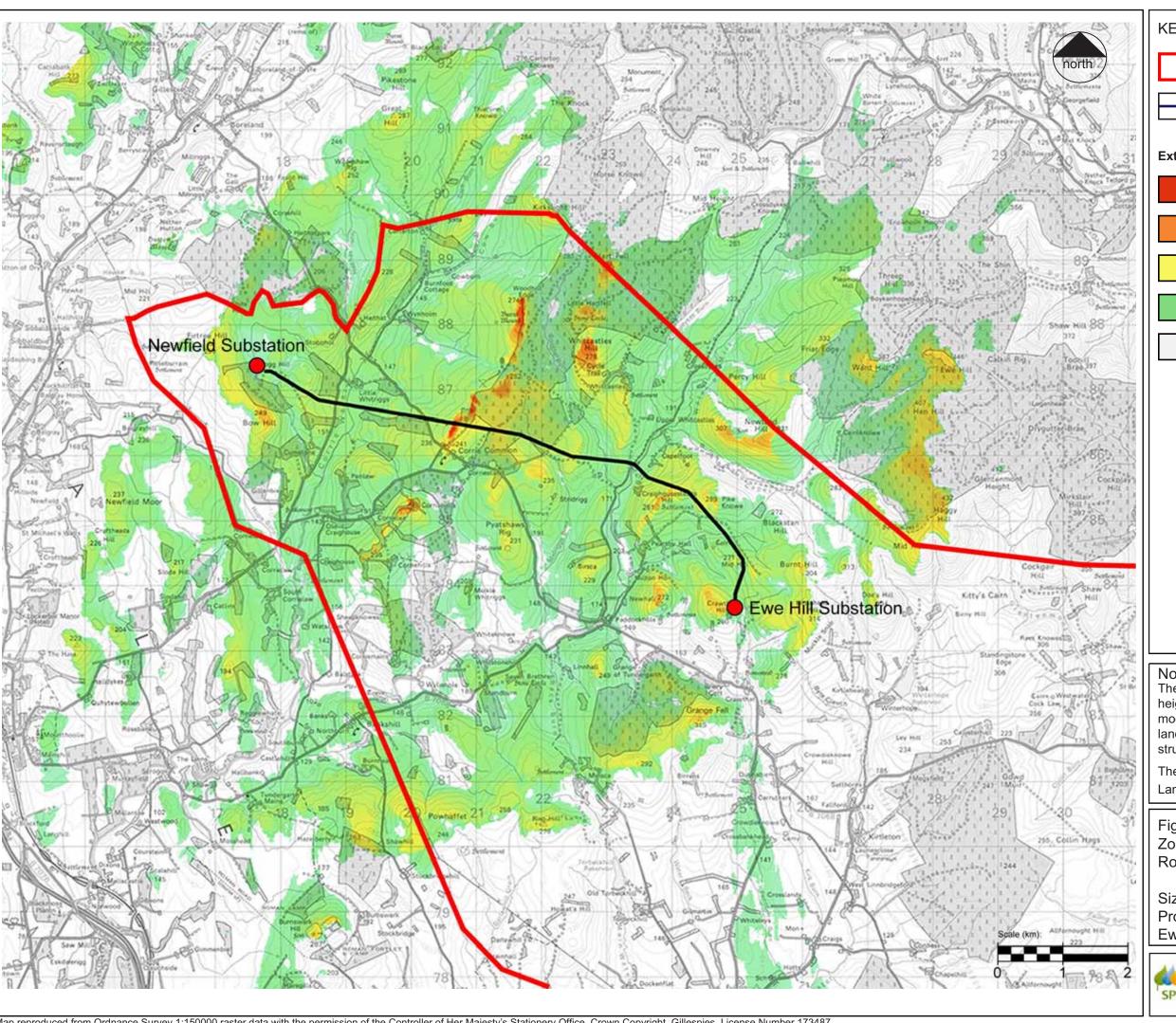
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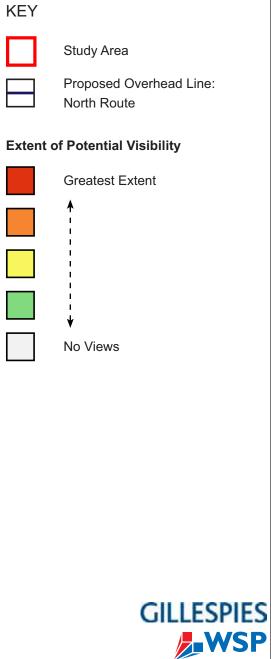


SP TRANSMISSION

Date: December 2010 Revision:

Drawn by: SC Checked by: SYI





Notes

The ZTV is calculated based on a view height of 2m above a bare ground terrain model and takes no account of localised landform, existing trees, buildings or other structures.

The terrain model was derived from OS Landform Profile data.

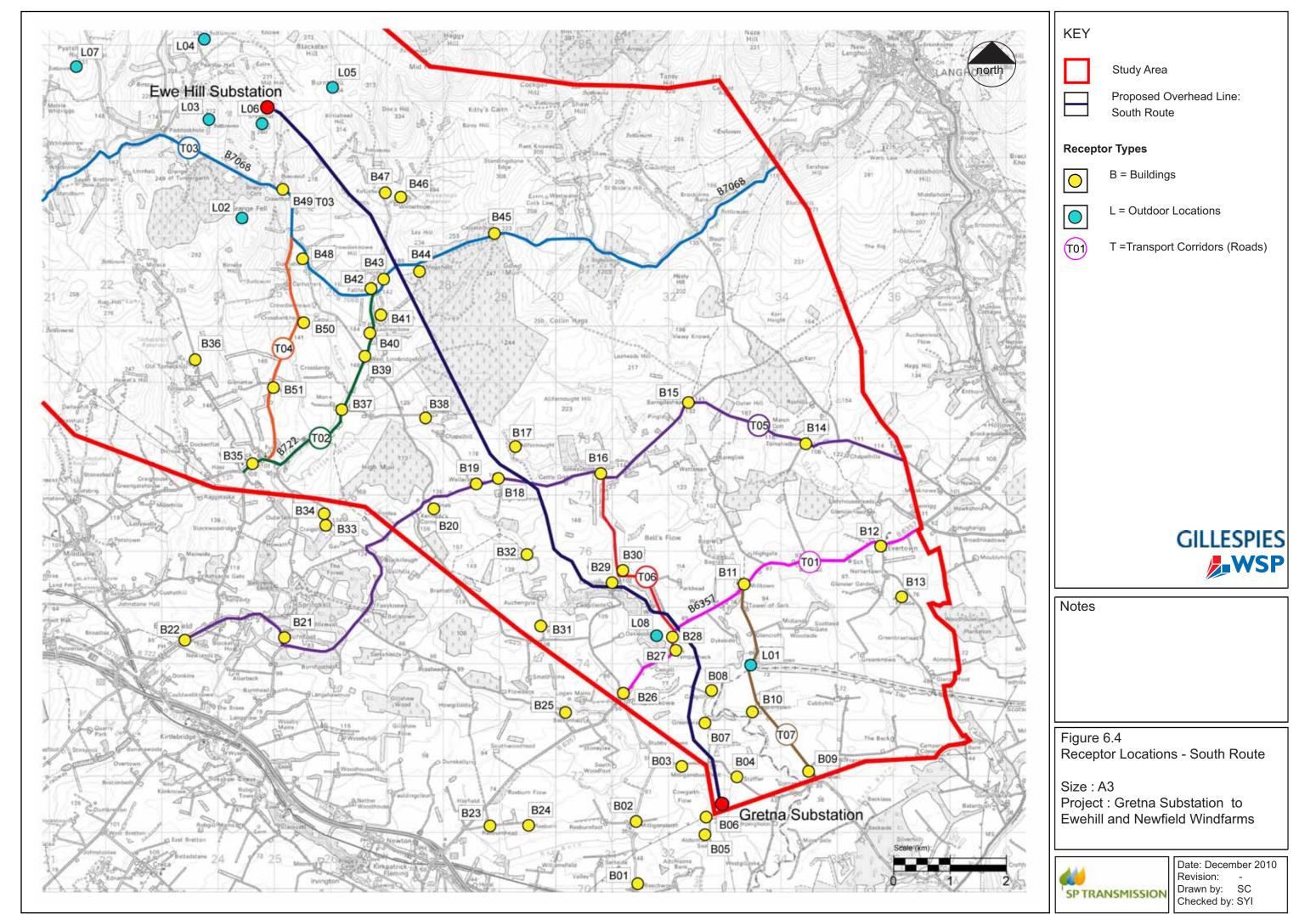
Figure 6.3

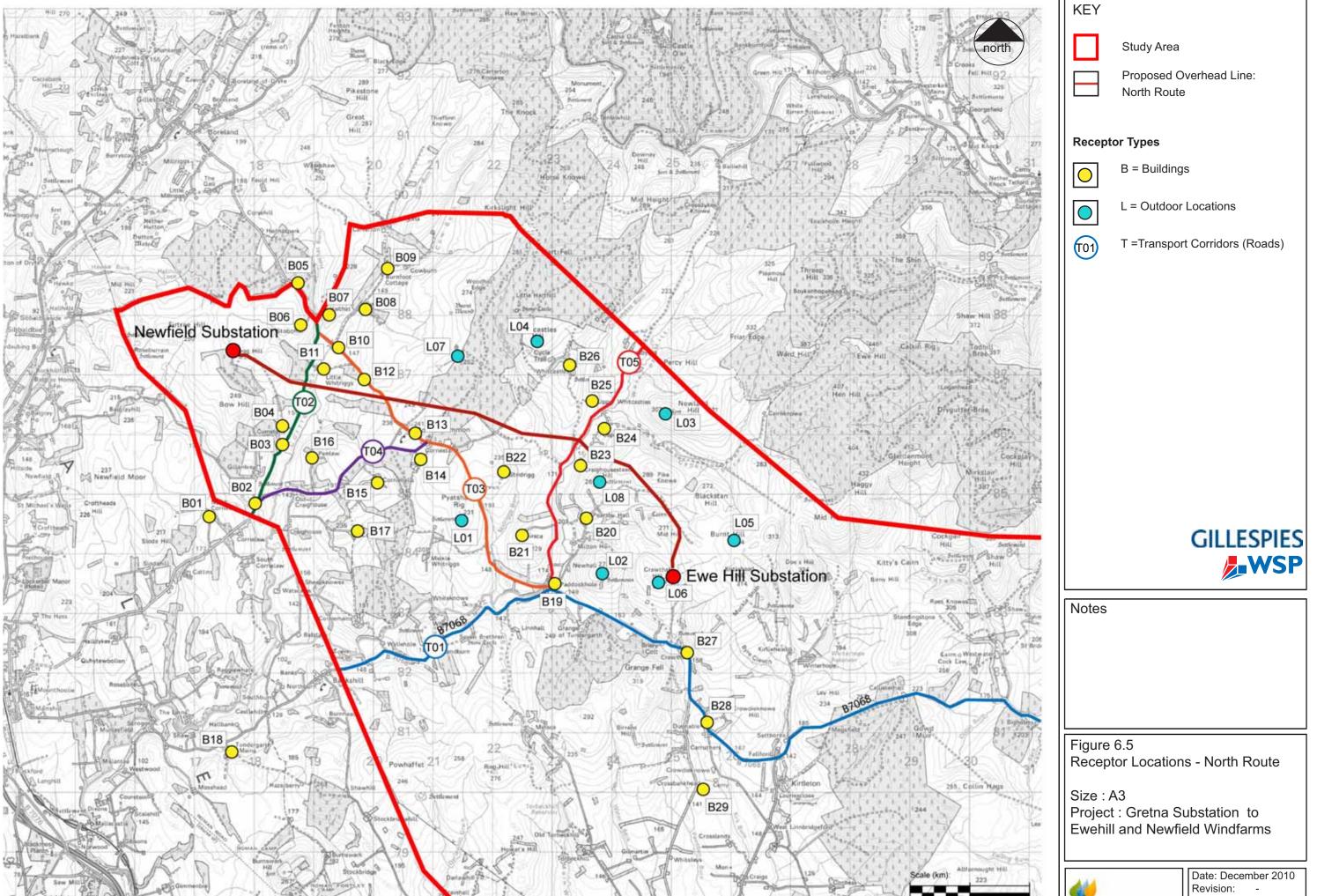
Zone of Theoretical Visibility - North Route

Size: A3

Project: Gretna Substation to **Ewehill and Newfield Windfarms**



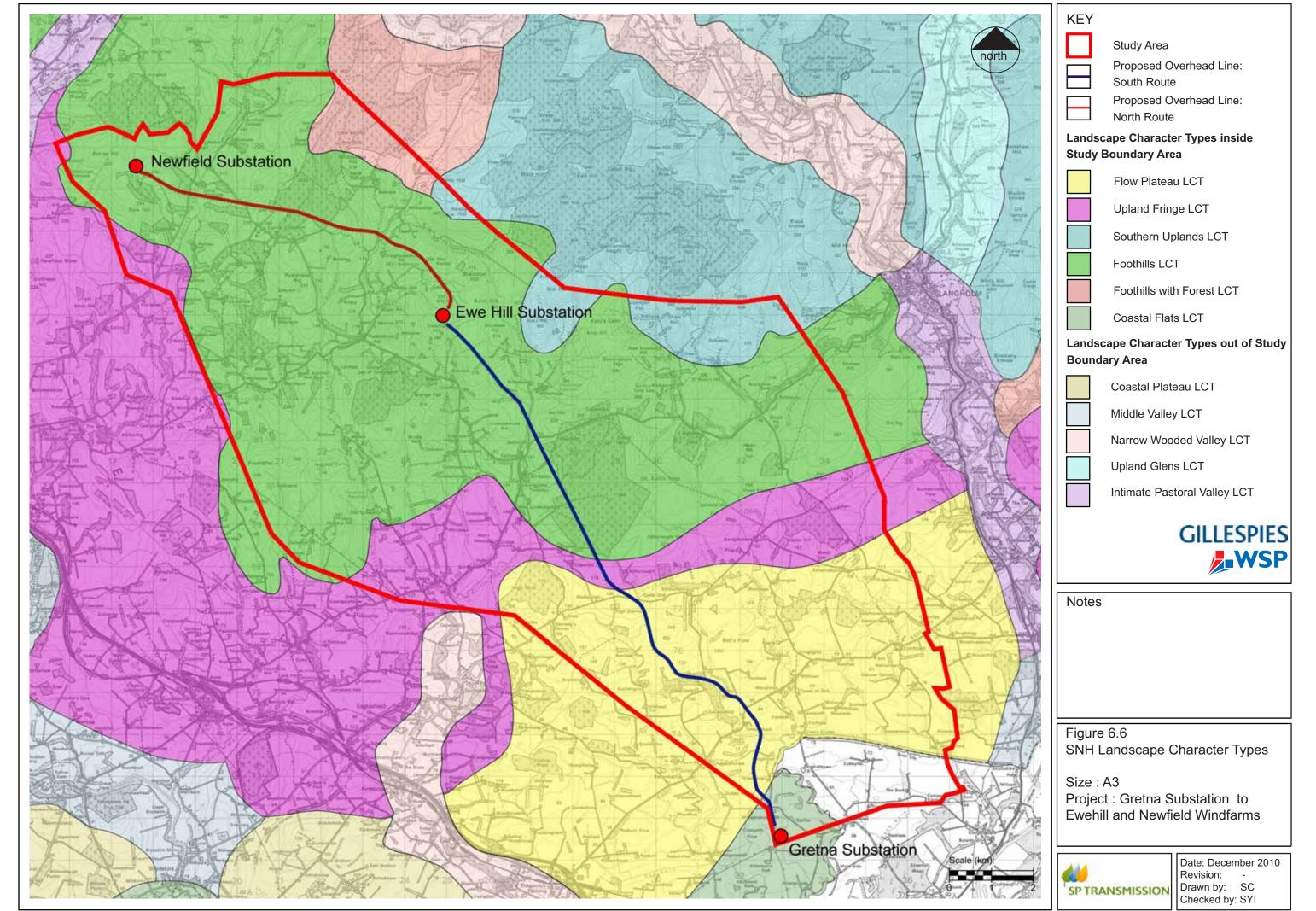


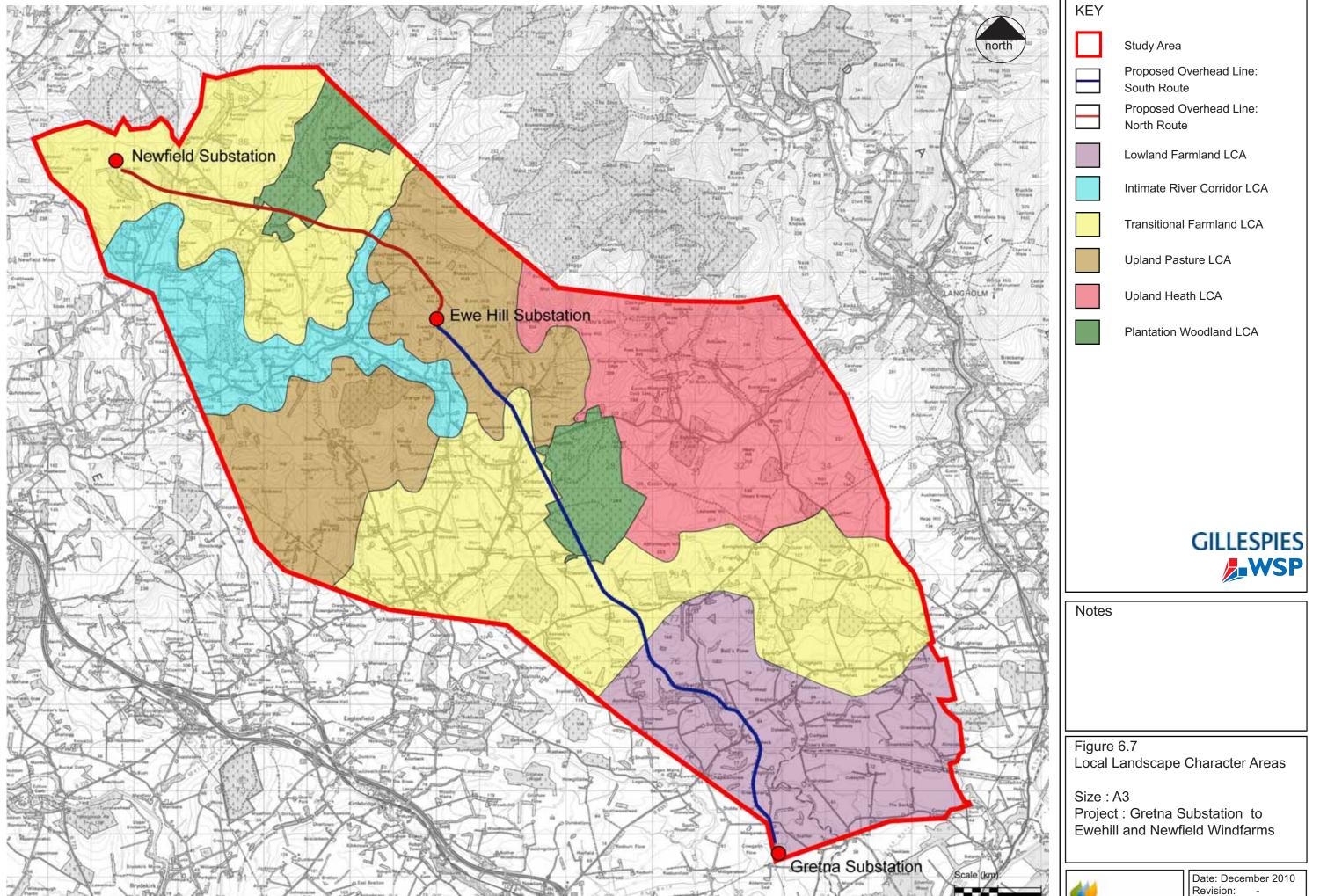


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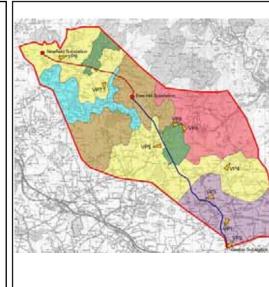
View 1: Lowland Farmland - looking north towards Cadgillfoot Farm



View 2: Lowland Farmland - looking southwest from Staffler towards Gretna Substation



View 3: Lowland Farmland - looking east from Cadgillhead



View 4: Transitional Farmland - view from Outer Hill looking south towards Lowland Farmland LCA



View 5: Transitional Farmland - looking east from Lauriesclose (Plantation Woodland in distance)



View 6: Transitional Farmland - looking southwest towards Little Whitriggs



Notes



View 7: Transitional Farmland - View from Birsca looking north towards Plantation Woodland LCA



View 8: Upland Heath - looking southwest from Callisterhall



View 9: Upland Heath - looking west from Callisterhall

Figure 6.8
Representative Images of Landscape
Character Types

Size: A3

Project : Gretna Substation to Ewehill and Newfield Windfarms





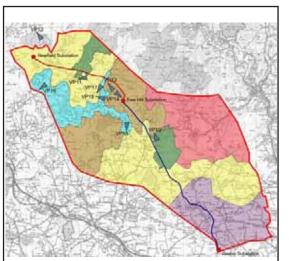
View 10: Plantation Woodland - view looking south towards Megsfield with Plantation Woodland behind



View 11: Plantation Woodland - view looking northeast from Corrie Common



View 12: Plantation Woodland - view looking west from Corsehill





View 13: Upland Pasture - looking southeast towards Crawthat Hill from Craighousesteads Hill



View 14: Upland Pasture - looking west towards Pearsby Hall



View 15: Upland Pasture - looking east over Intimate River Corridor LCA towads Upland Pasture LCA







View 16: Intimate River Corridor - looking northeast along the Corrie Water Valley



View 17: Intimate River Corridor - looking north up the Water of Milk Valley and to Craighousesteads



View 18: Intimate River Corridor - looking north towards Crawthat Hill

Figure 6.9
Representative Images of Landscape
Character Types

Size: A3

Project: Gretna Substation to Ewehill and Newfield Windfarms



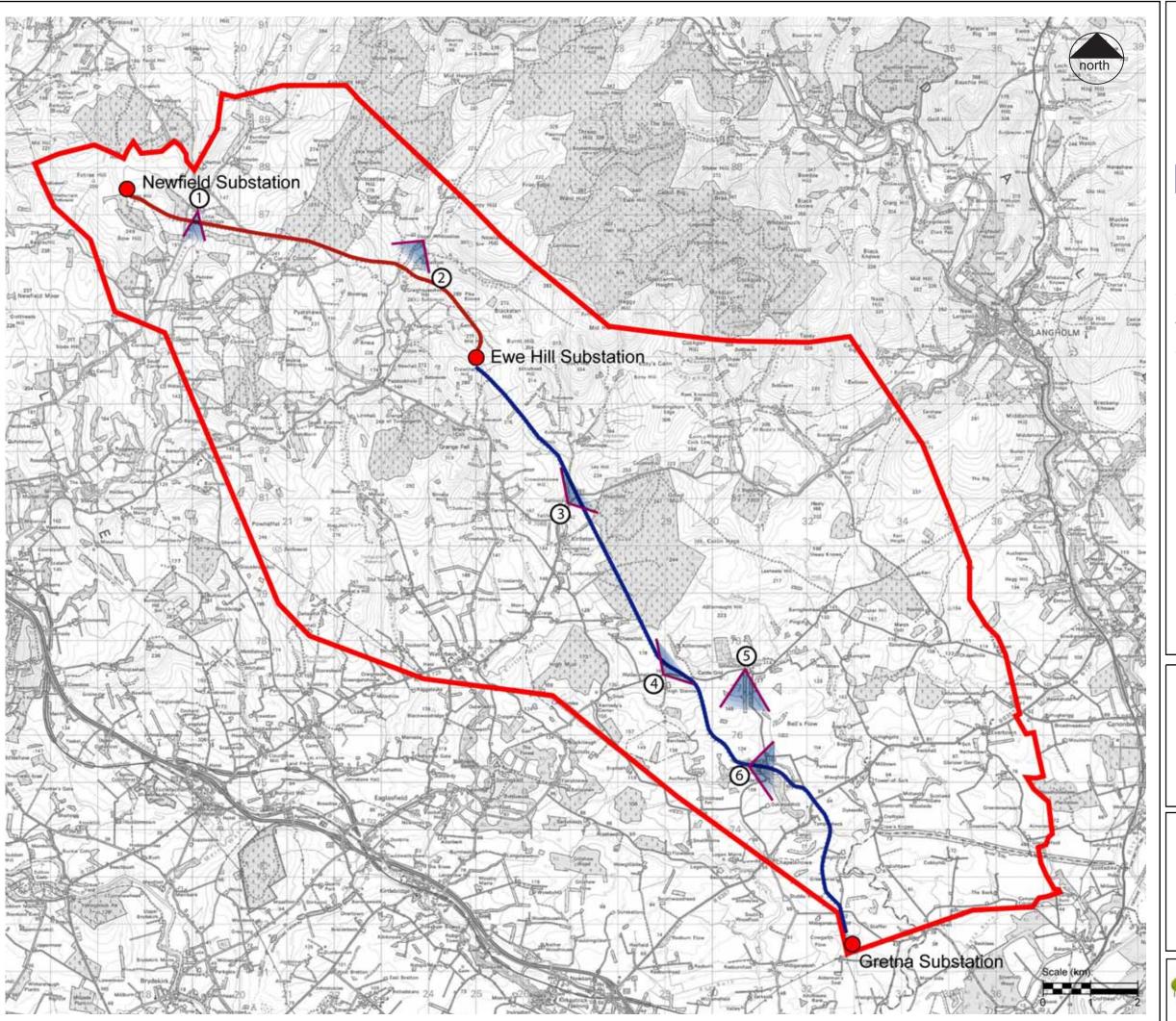






Figure 6.10 Photomontage Location Map

Size: A3

Project : Gretna Substation to Ewehill and Newfield Windfarms



Date: December 2010 Revision: -





Viewpoint 3 - Wireline and Photomontage: By Setthorns, looking northeast

For location of viewpoint refer to Figure 6.10

Figure 6.11 Viewpoint 3: Wireline and Photomontage

Size : A3

Project : Gretna Substation to Ewehill and Newfield Windfarms









Viewpoint 4 - Wireline and Photomontage: By access to High Stenries, looking northeast

For location of viewpoint refer to Figure 6.10

Figure 6.12 Viewpoint 4: Wireline and Photomontage

Size : A3

Project : Gretna Substation to Ewehill and Newfield Windfarms









Viewpoint 5 - Wireline and Photomontage: From Solwaybank, looking south For location of viewpoint refer to Figure 6.10

Figure 6.13
Viewpoint 5:
Wireline and Photomontage

Size : A3

Project : Gretna Substation to Ewehill and Newfield Windfarms









Viewpoint 6 - Wireline and Photomontage: Adjacent to Cadgillhead Farm, looking east For location of viewpoint refer to Figure 6.10

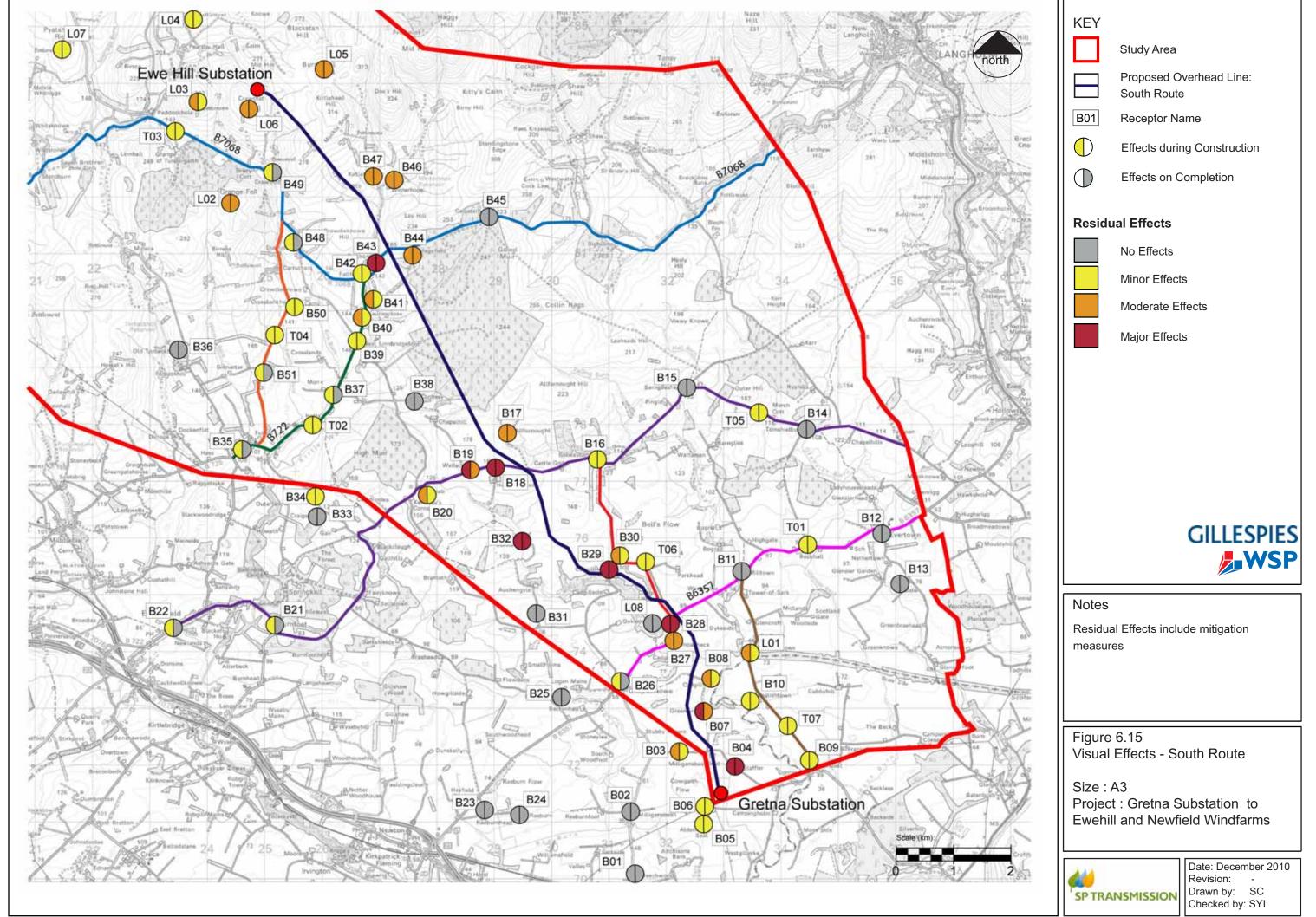
Figure 6.14
Viewpoint 6:
Wireline and Photomontage

Size : A3

Project : Gretna Substation to Ewehill and Newfield Windfarms











Viewpoint 1 - Wireline and Photomontage: From Little Whitriggs, looking south

For location of viewpoint refer to Figure 6.10

Figure 6.16
Viewpoint 1:
Wireline and Photomontage

Size : A3

Project : Gretna Substation to Ewehill and Newfield Windfarms









Viewpoint 2 - Wireline and Photomontage: Water of Milk Valley, near Capelfoot, looking southwest

For location of viewpoint refer to Figure 6.10

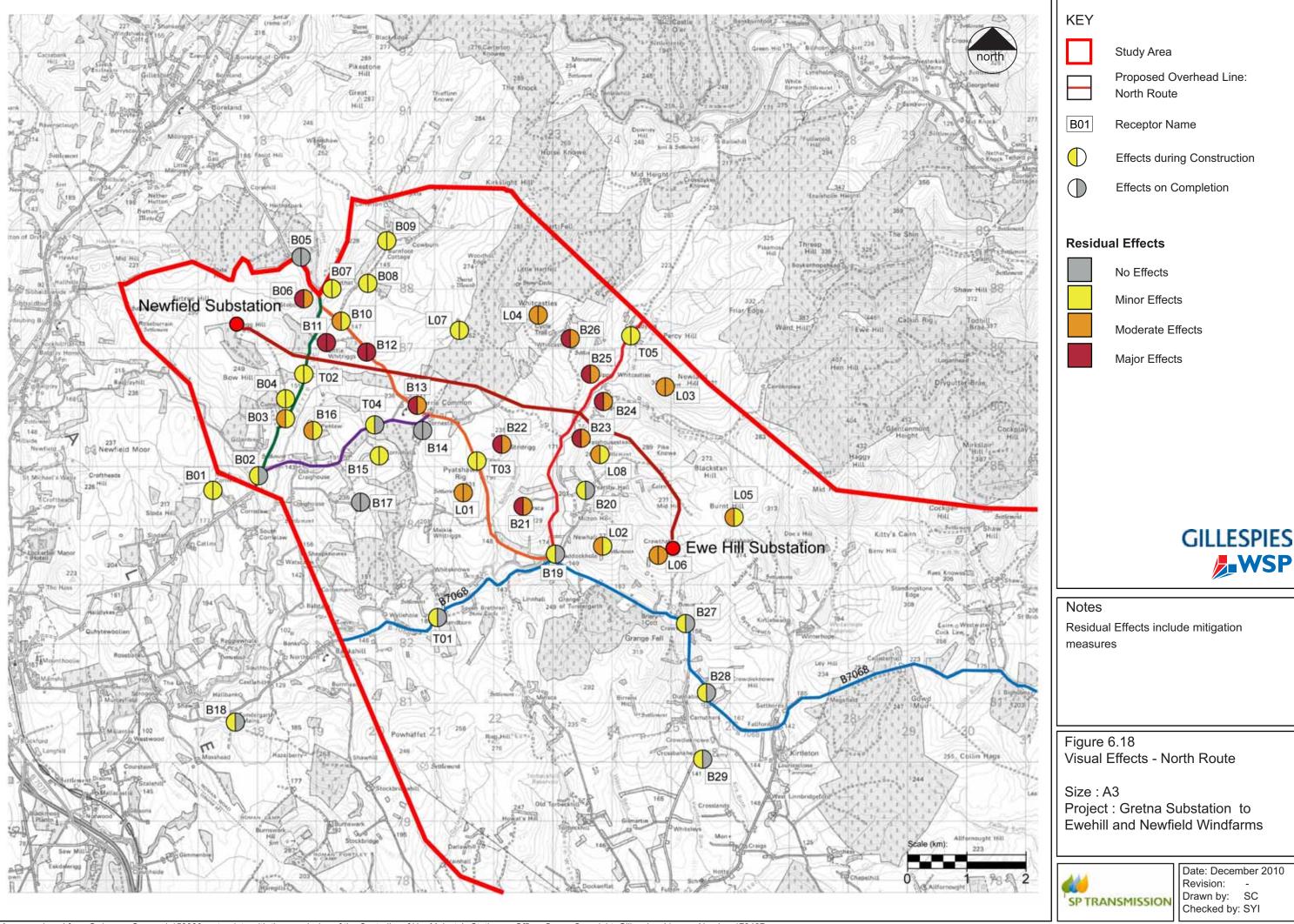
Figure 6.17 Viewpoint 2: Wireline and Photomontage

Size : A3

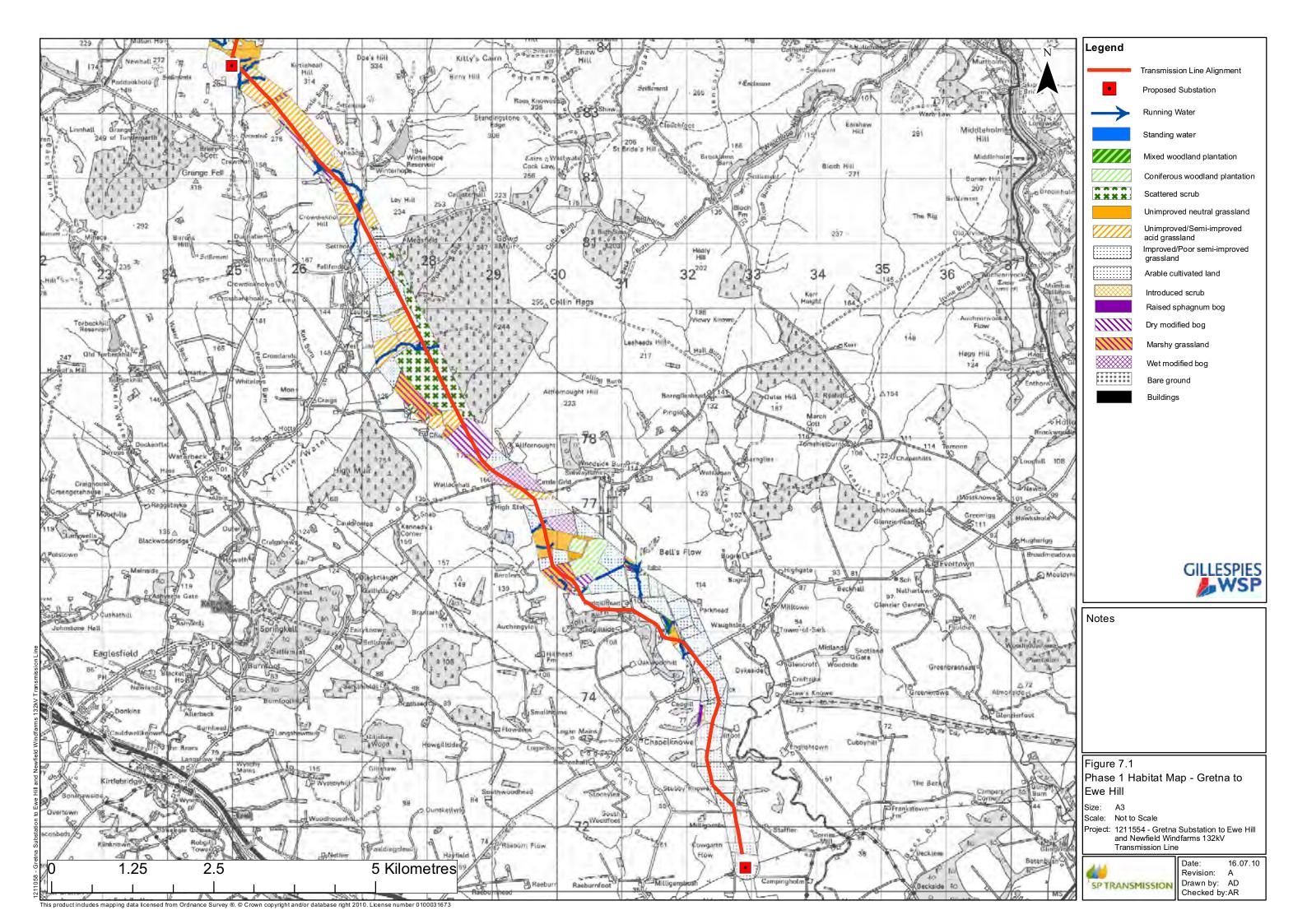
Project : Gretna Substation to Ewehill and Newfield Windfarms

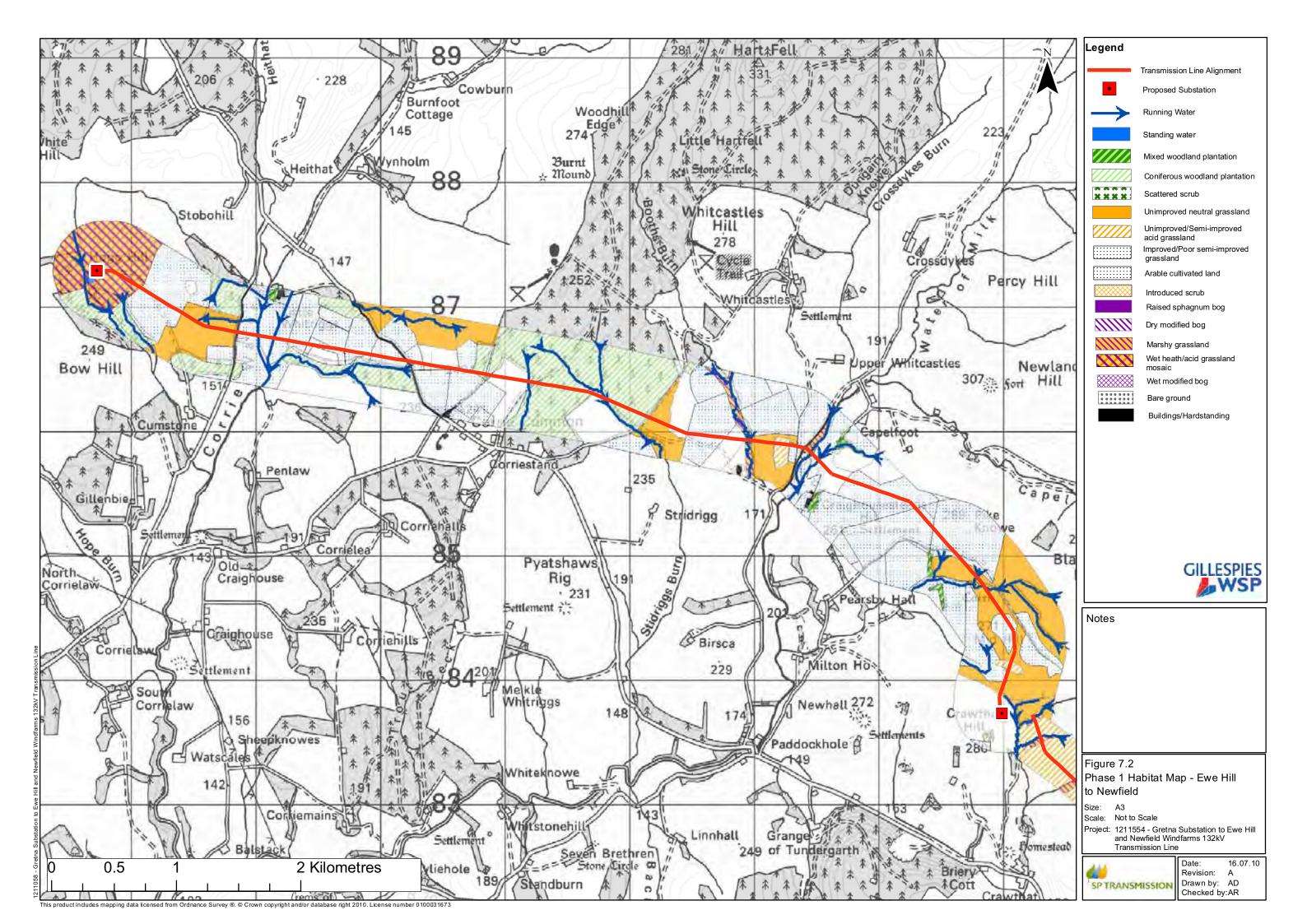


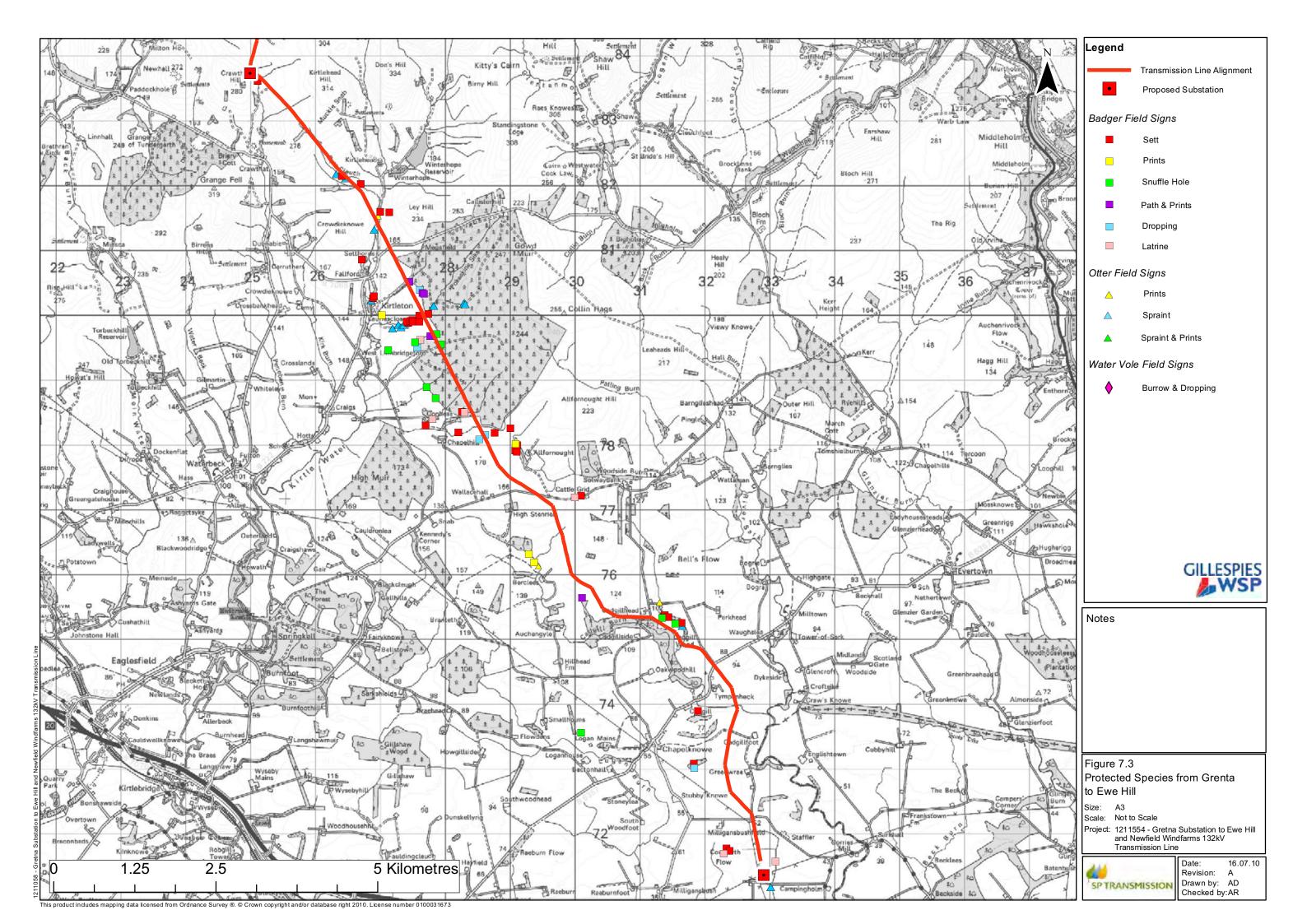


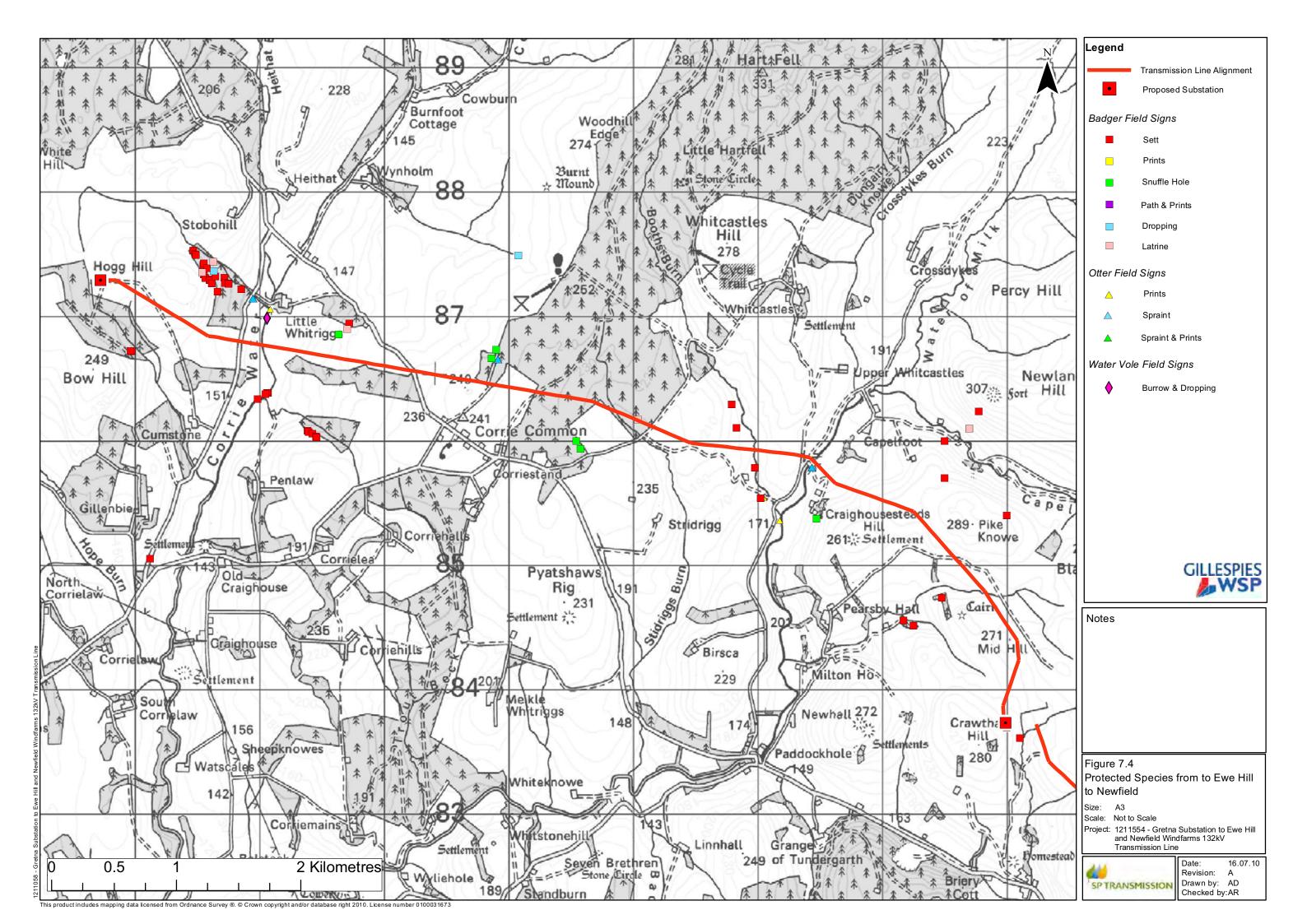


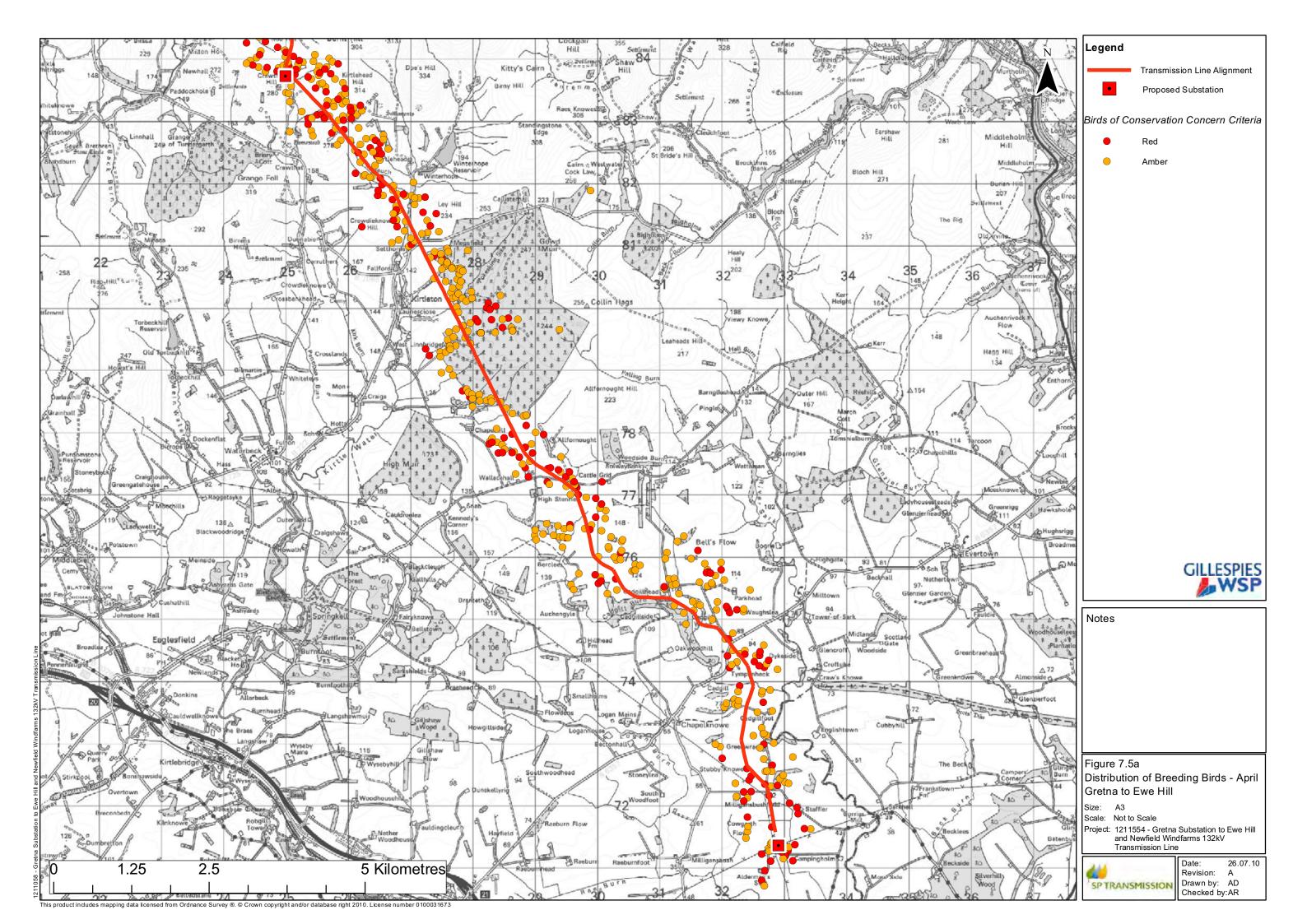
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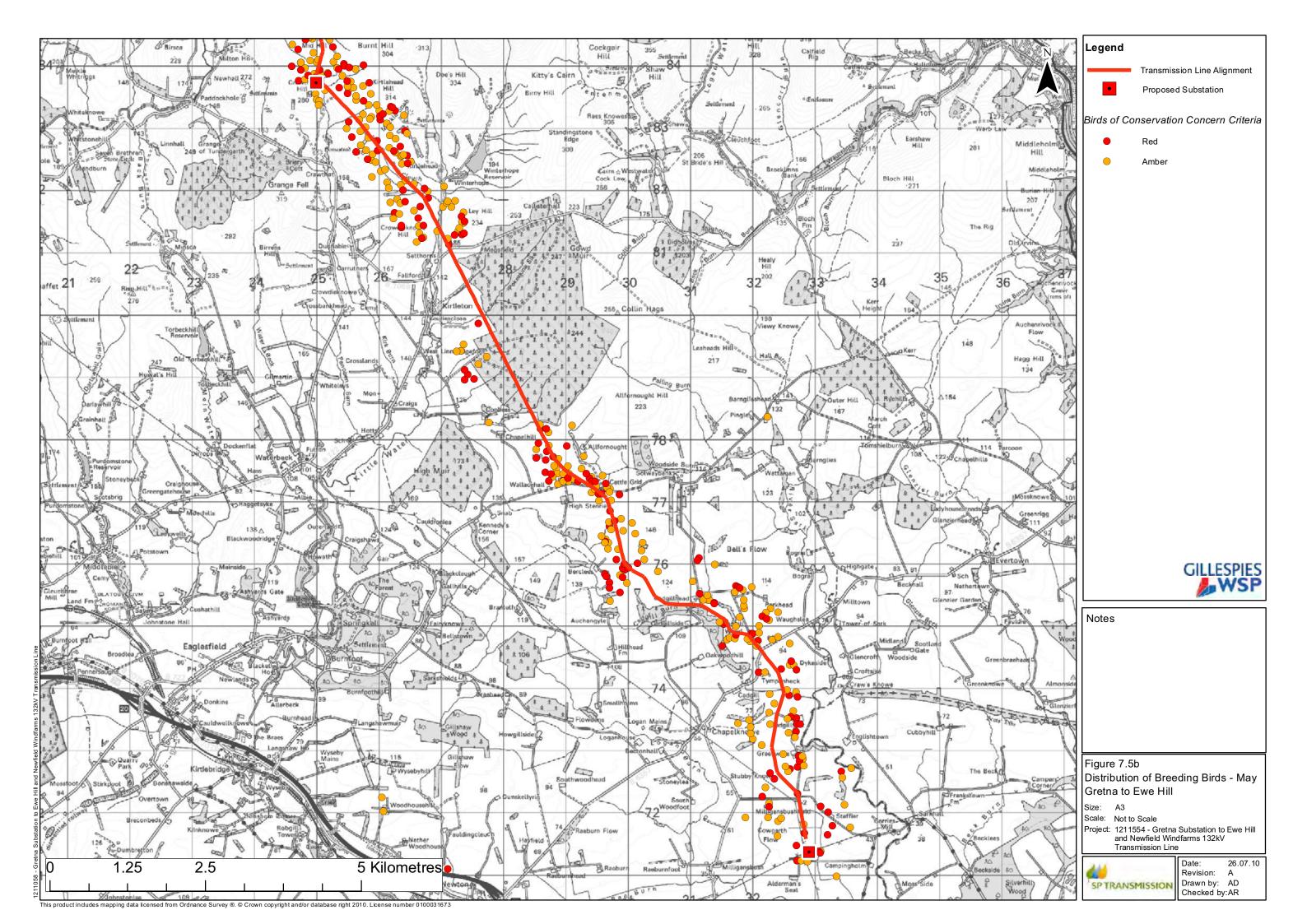


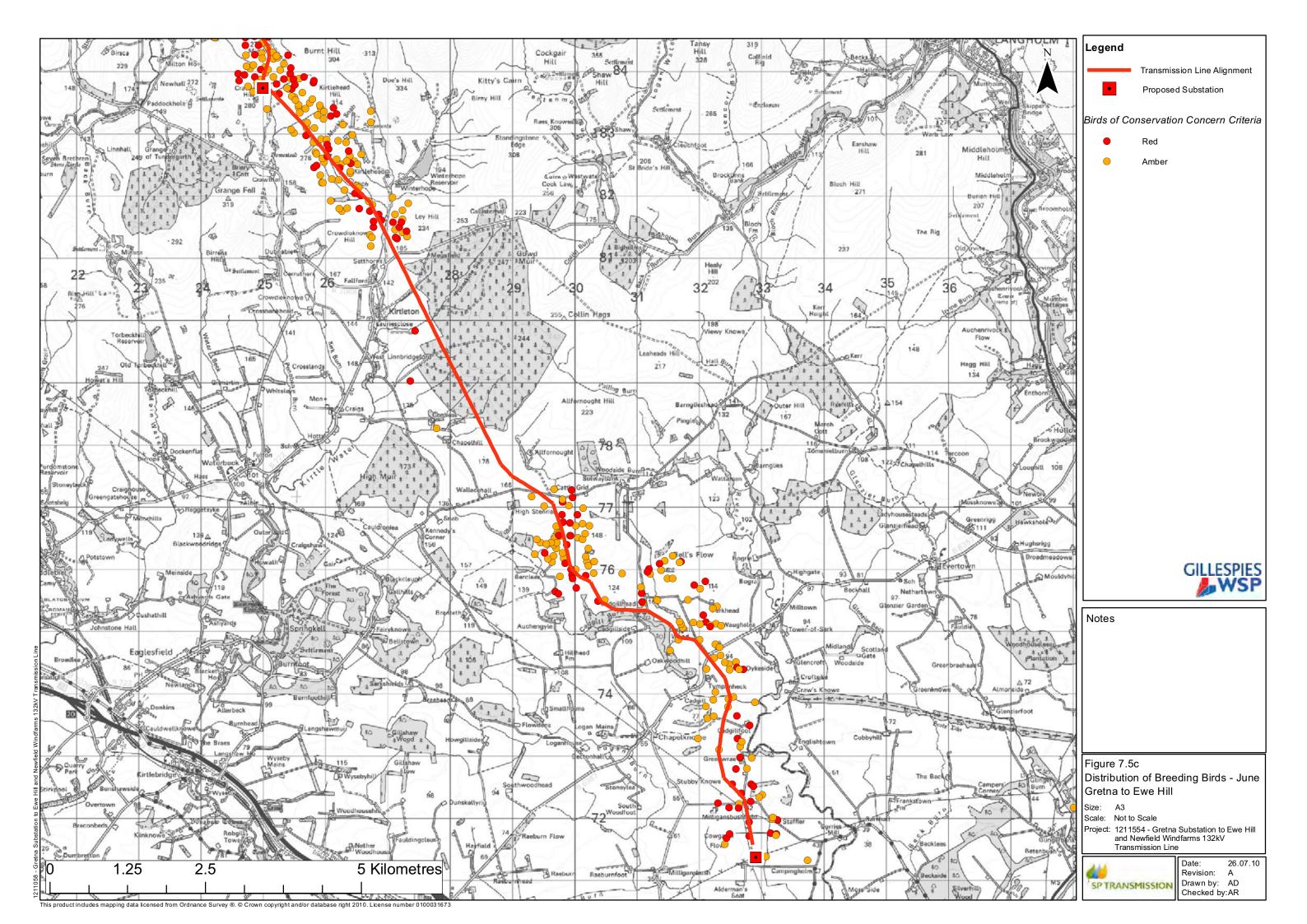


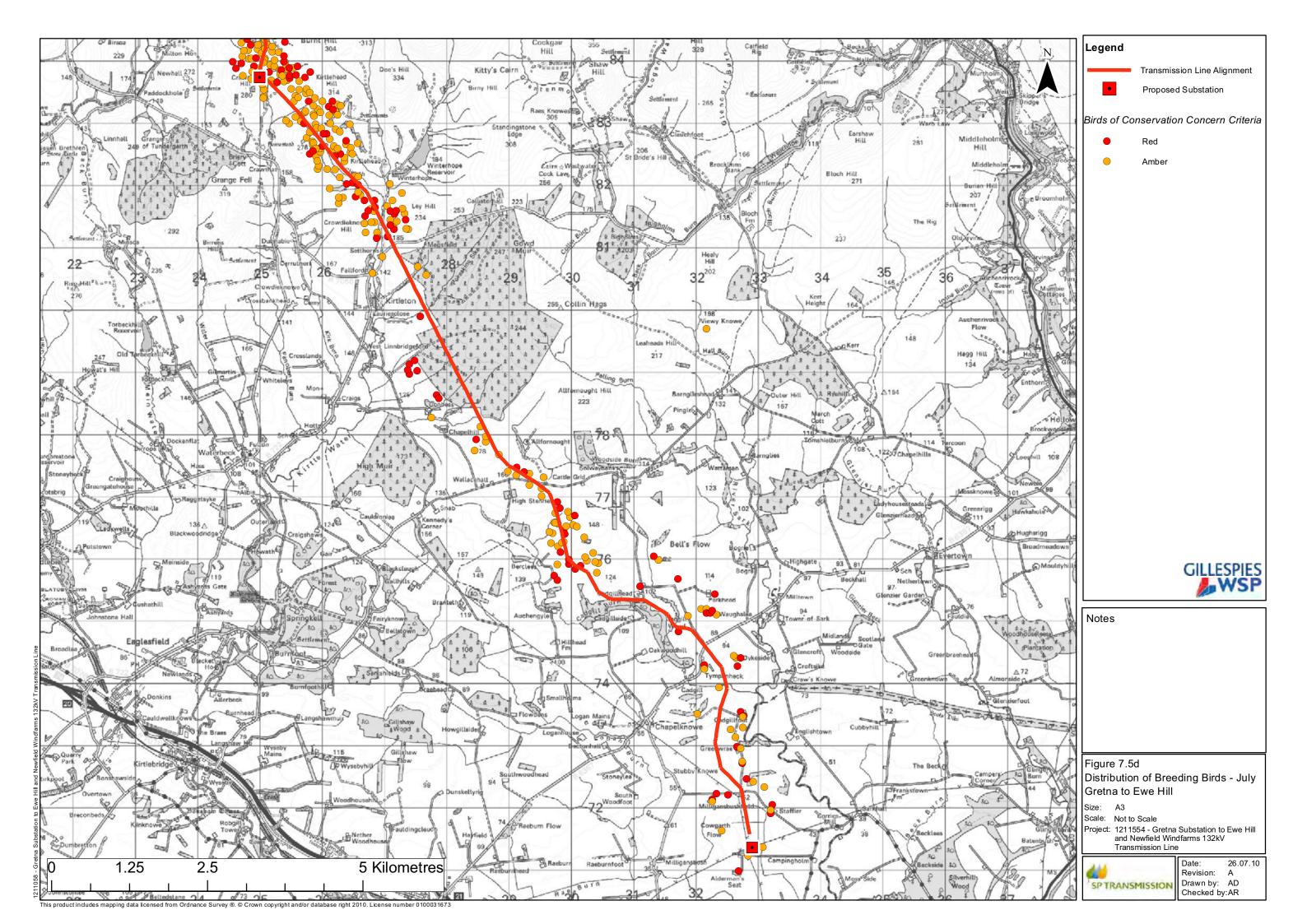


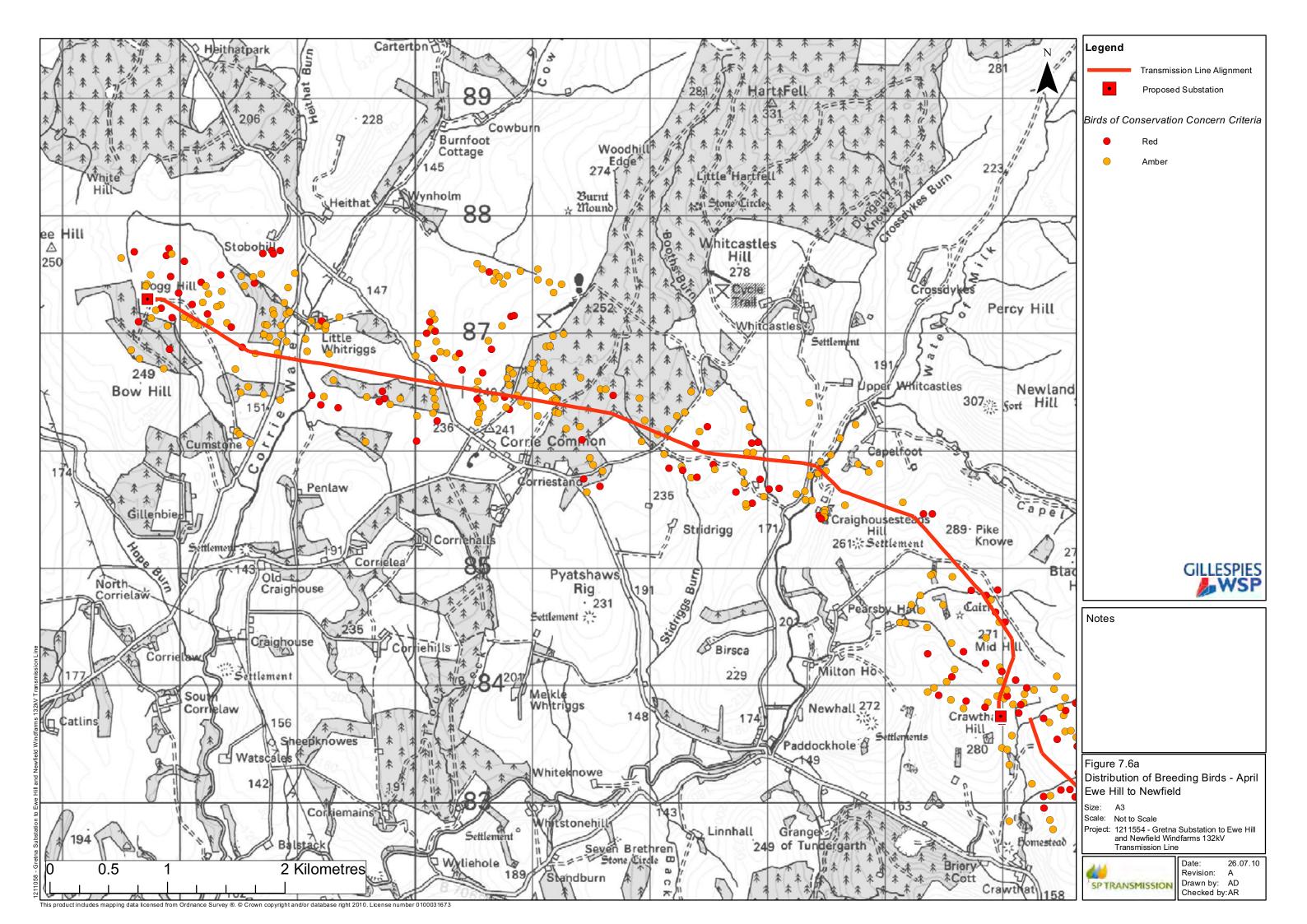


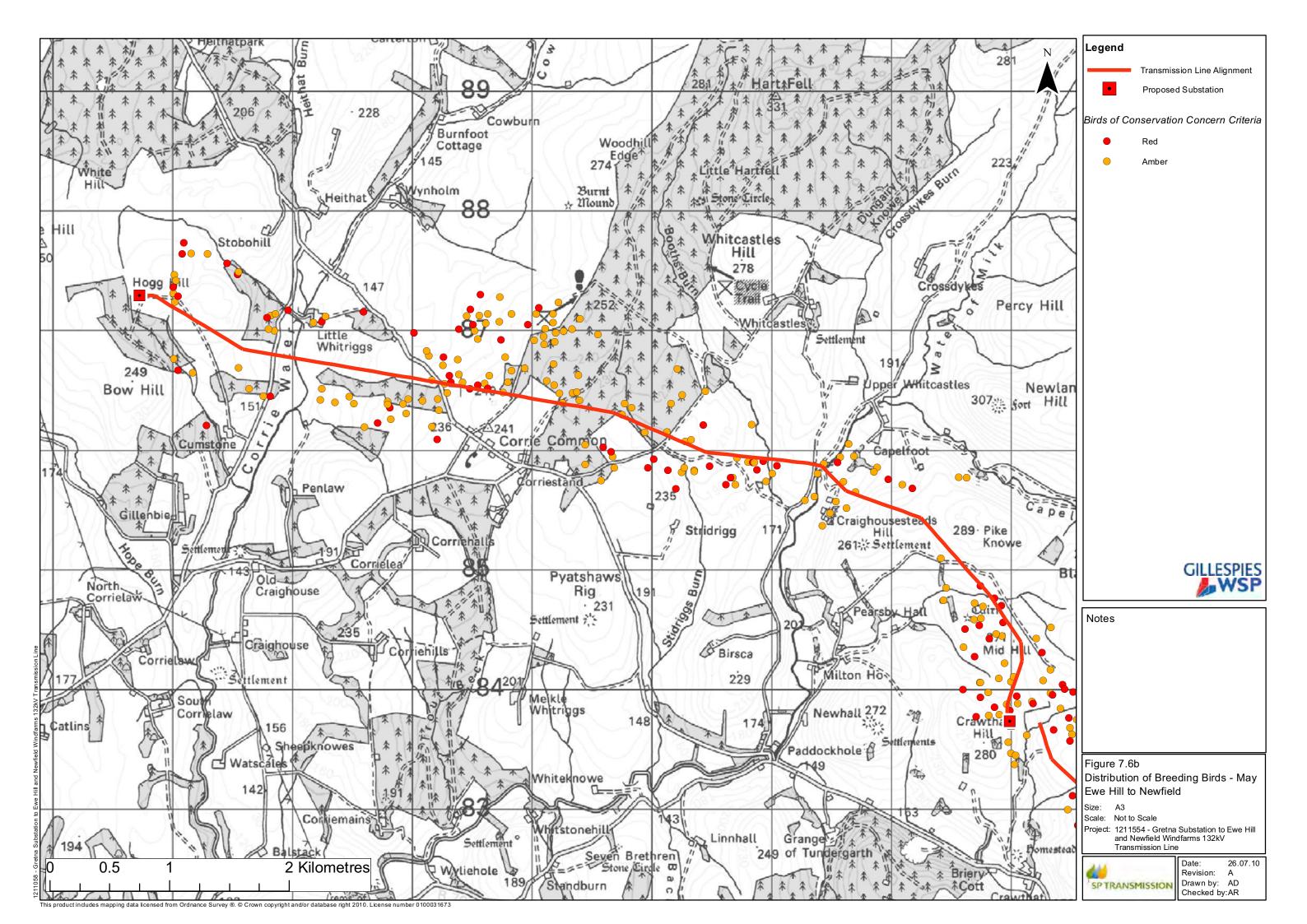


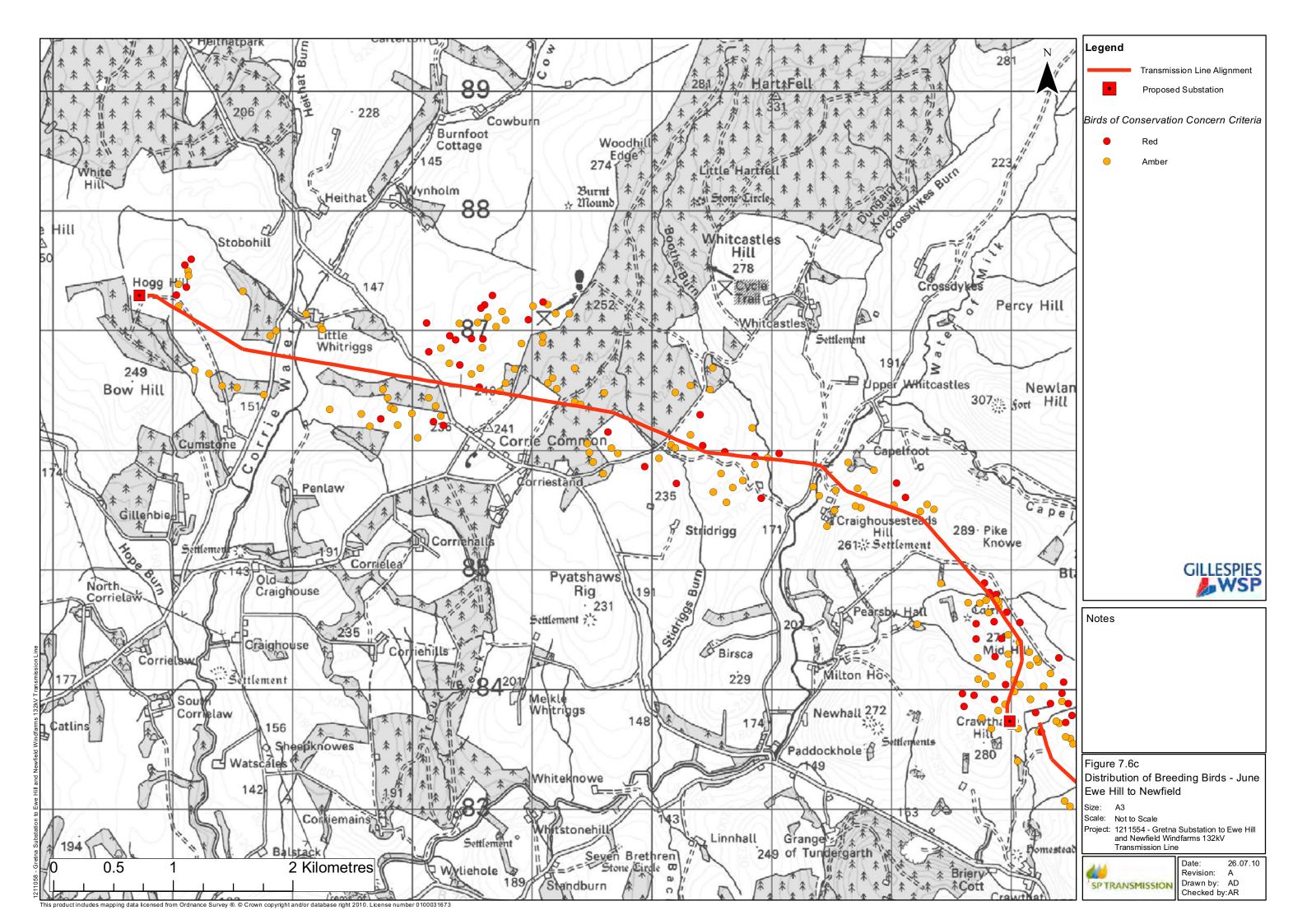


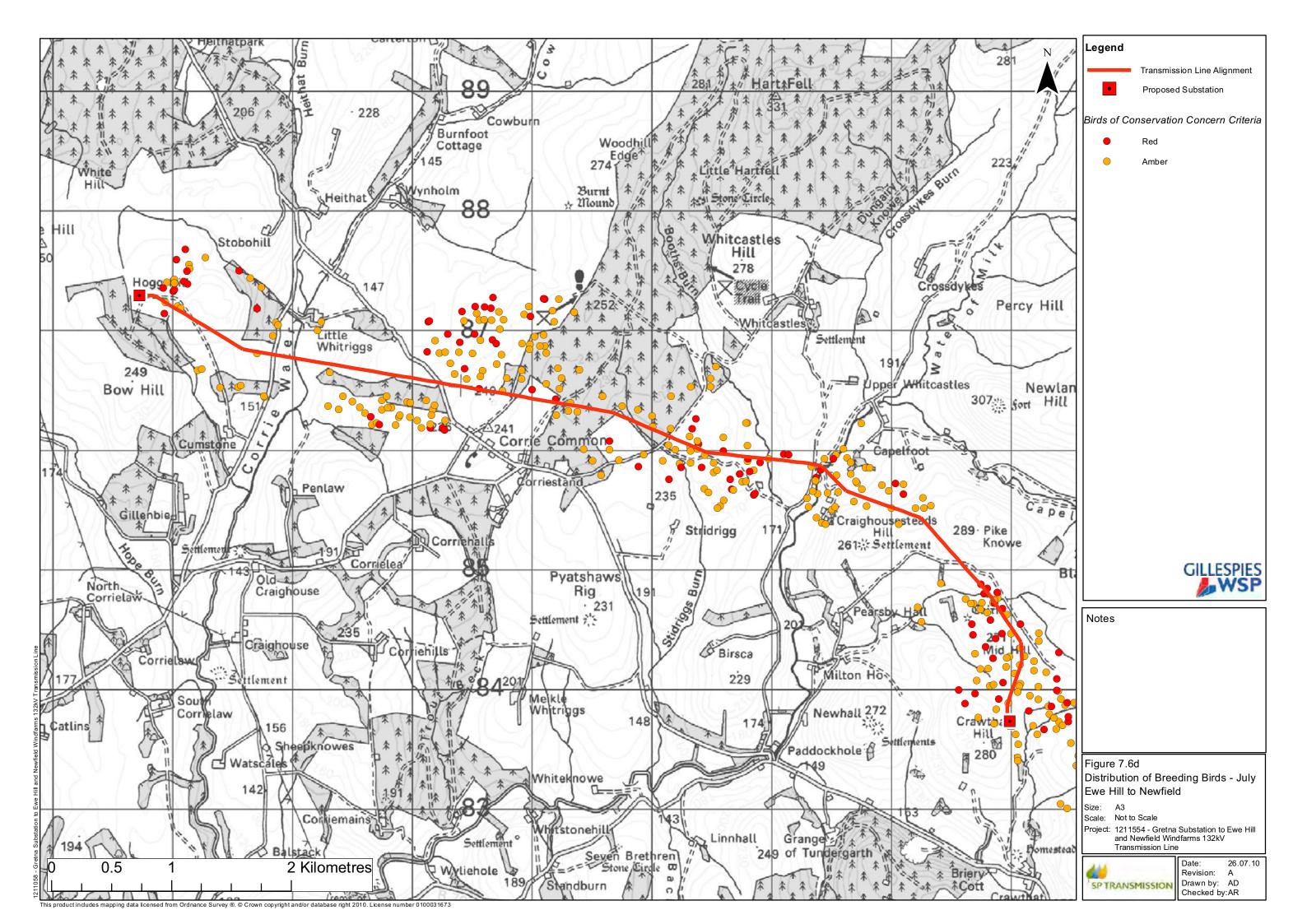


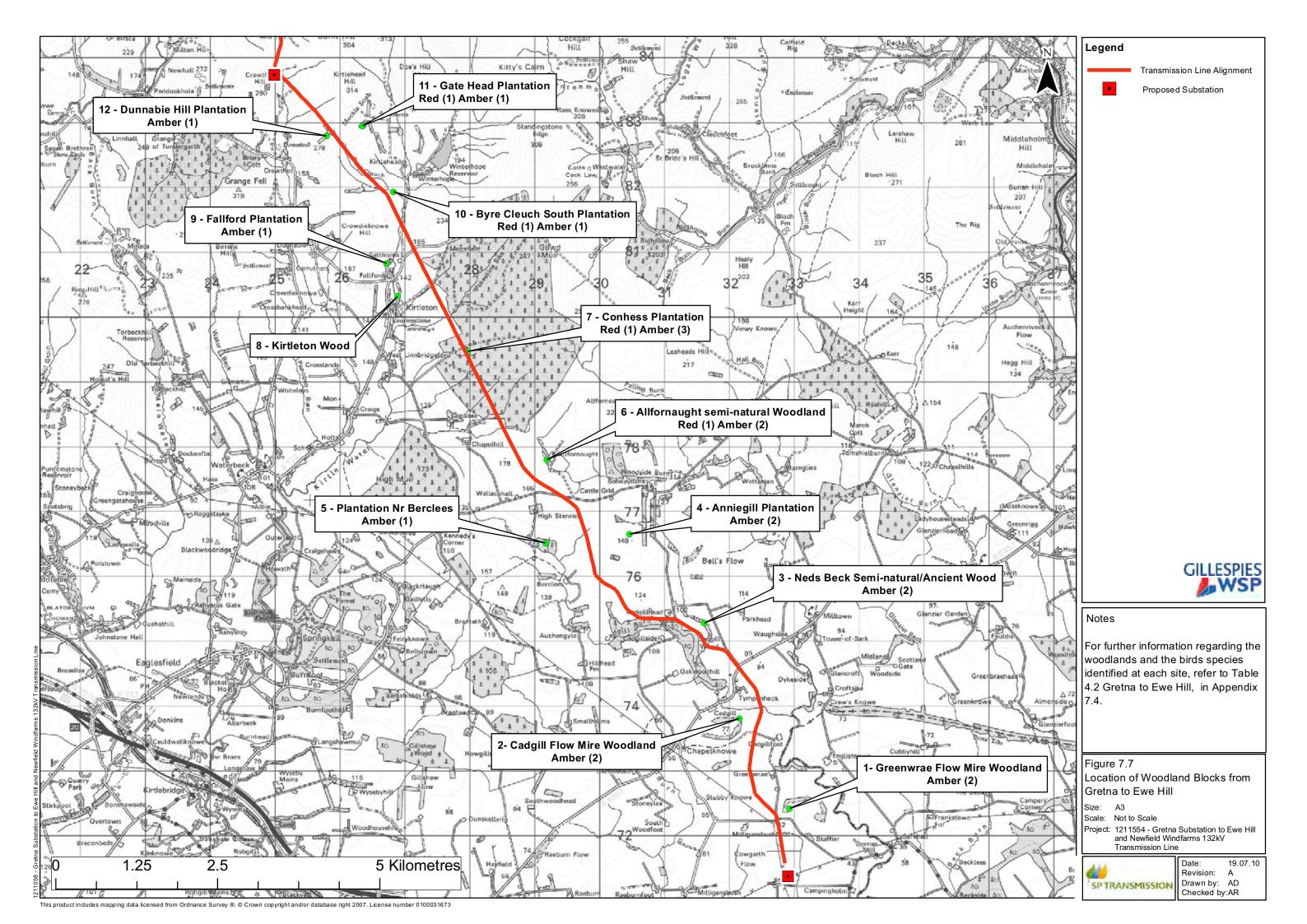


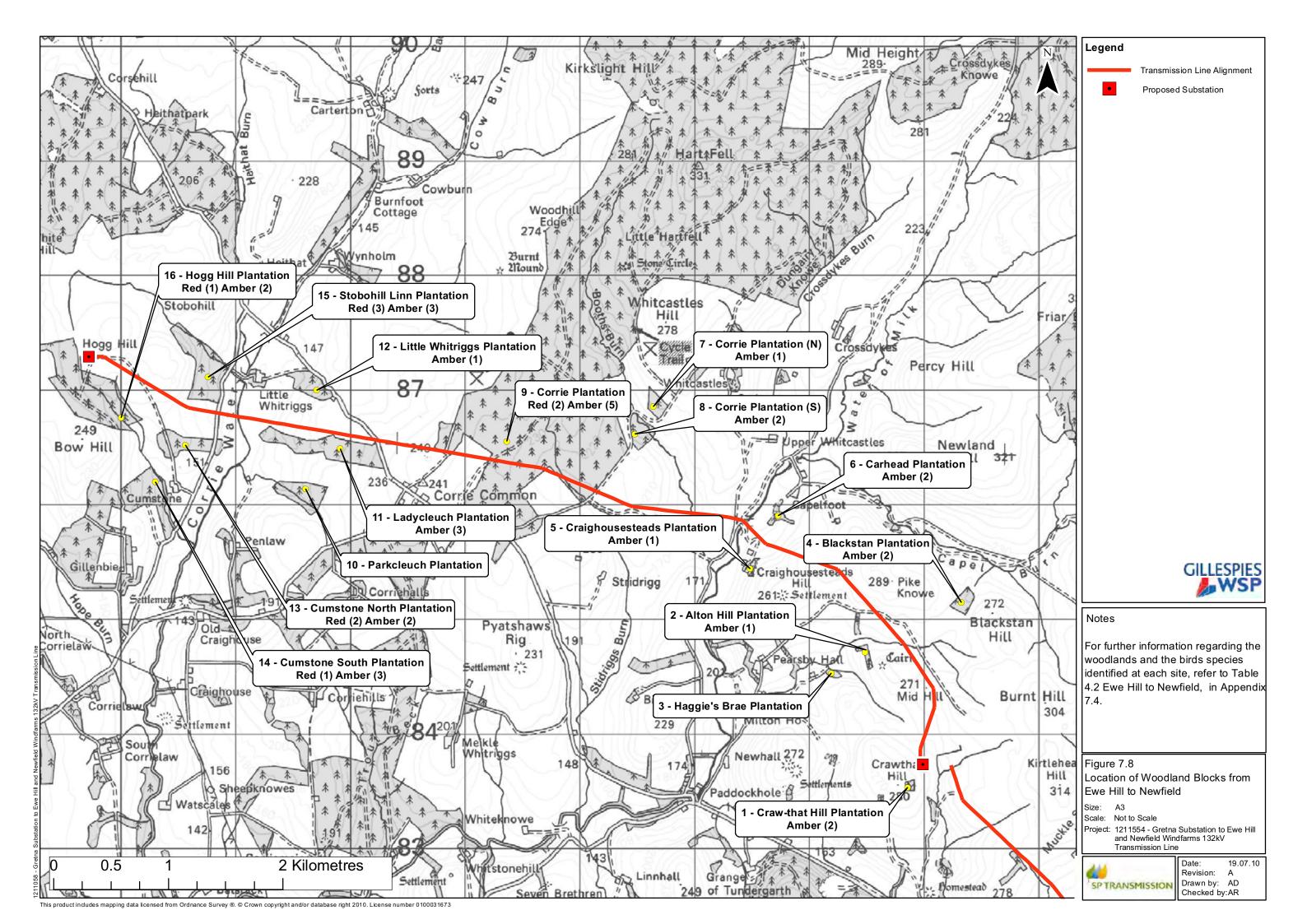


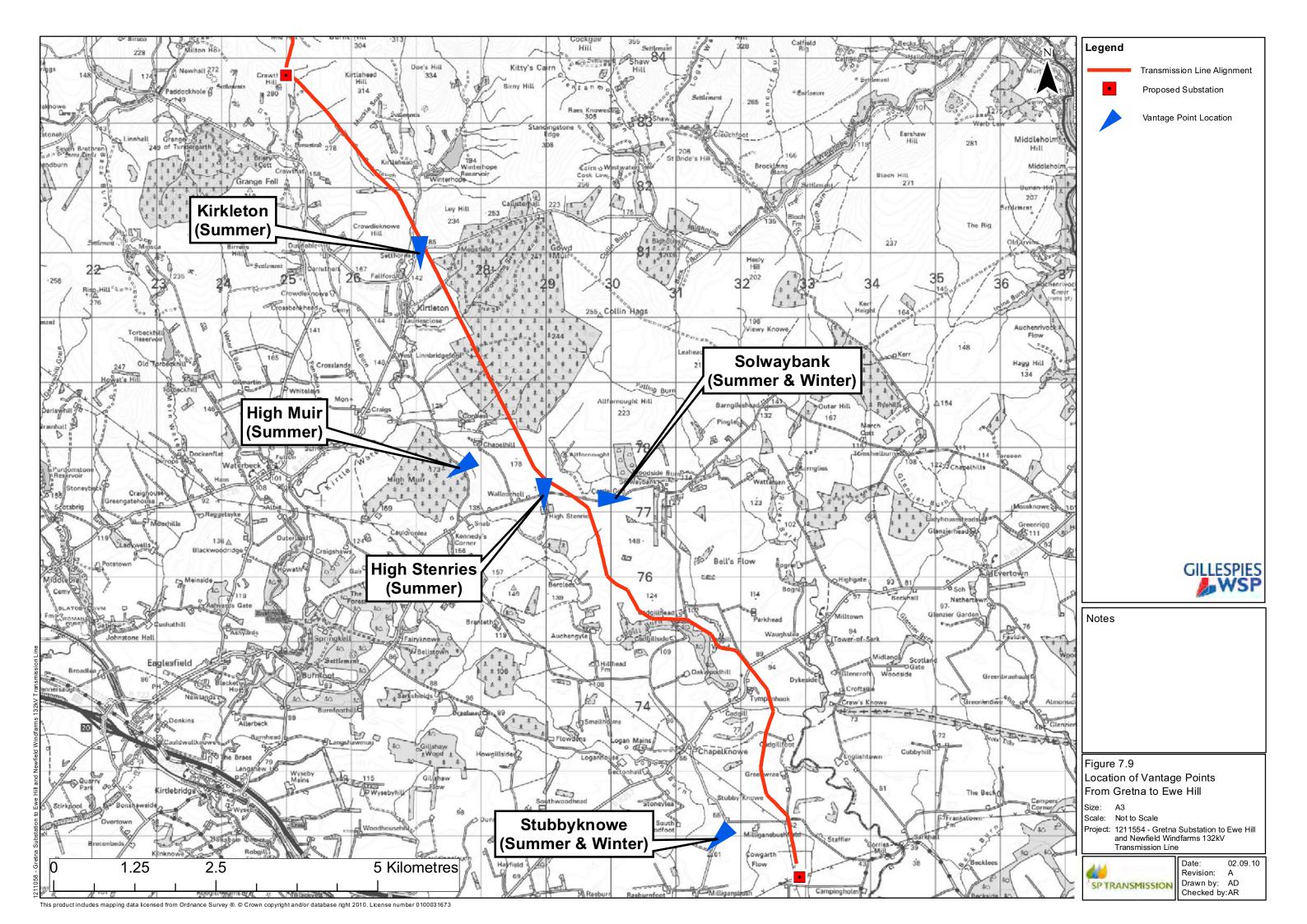


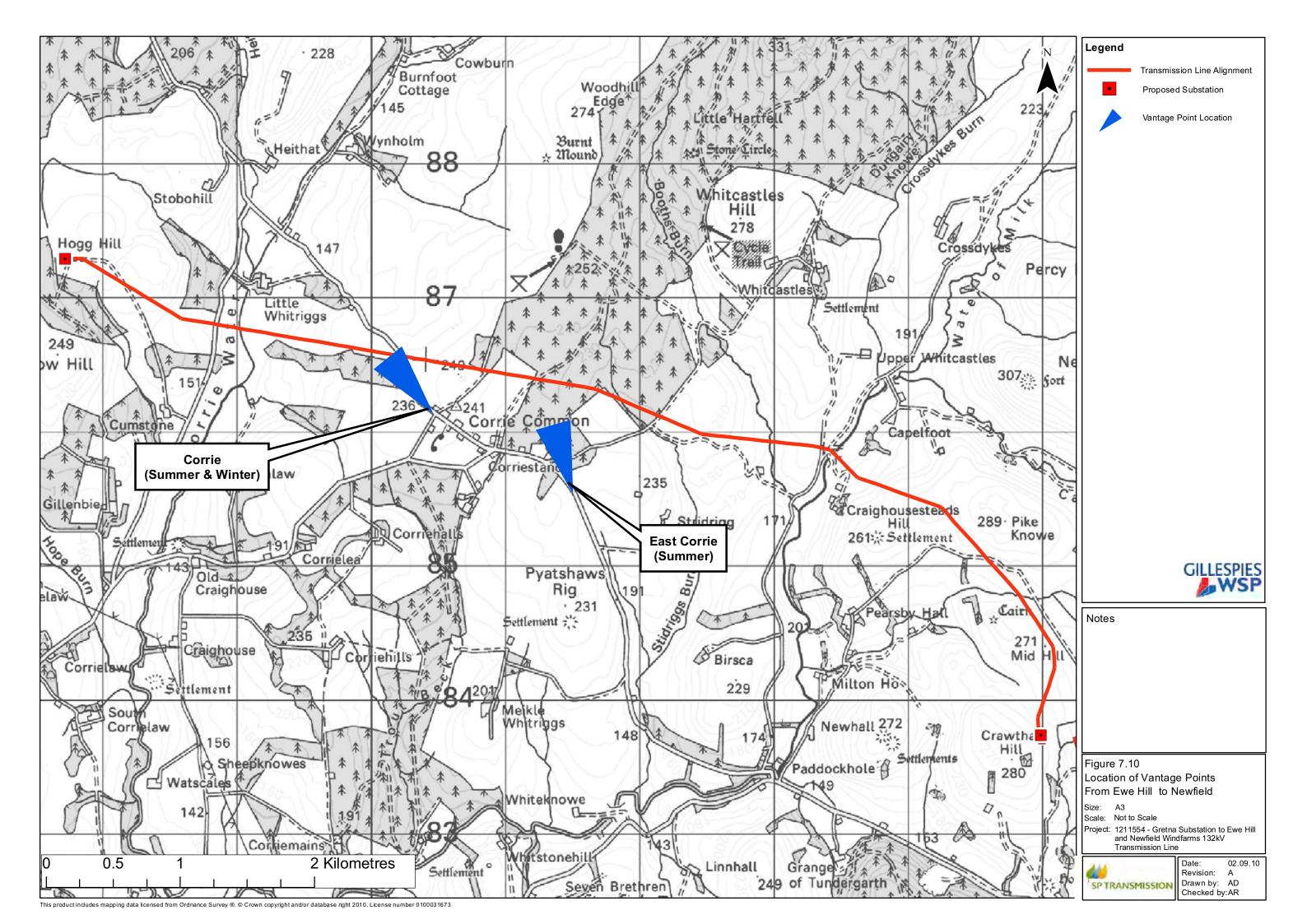


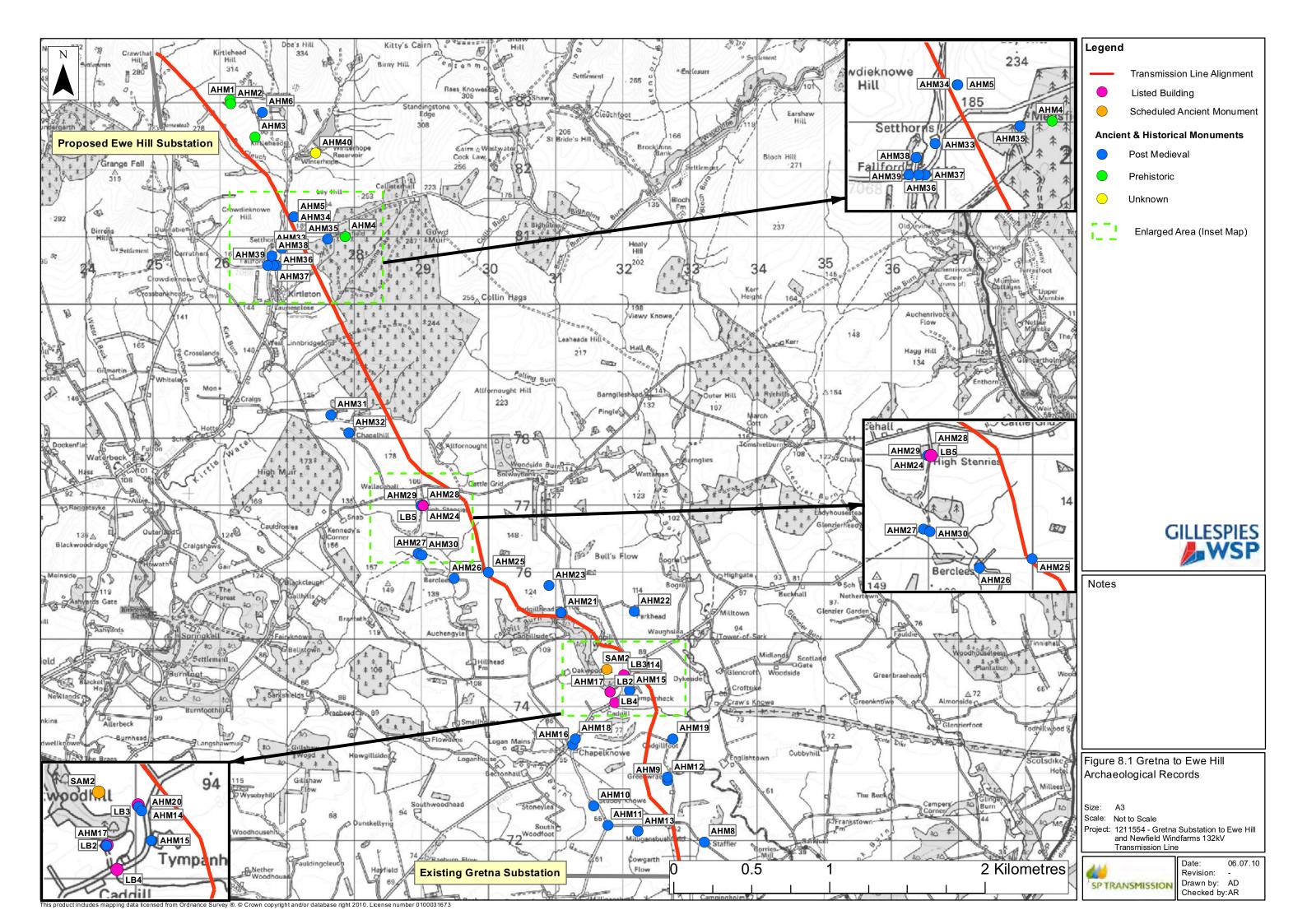


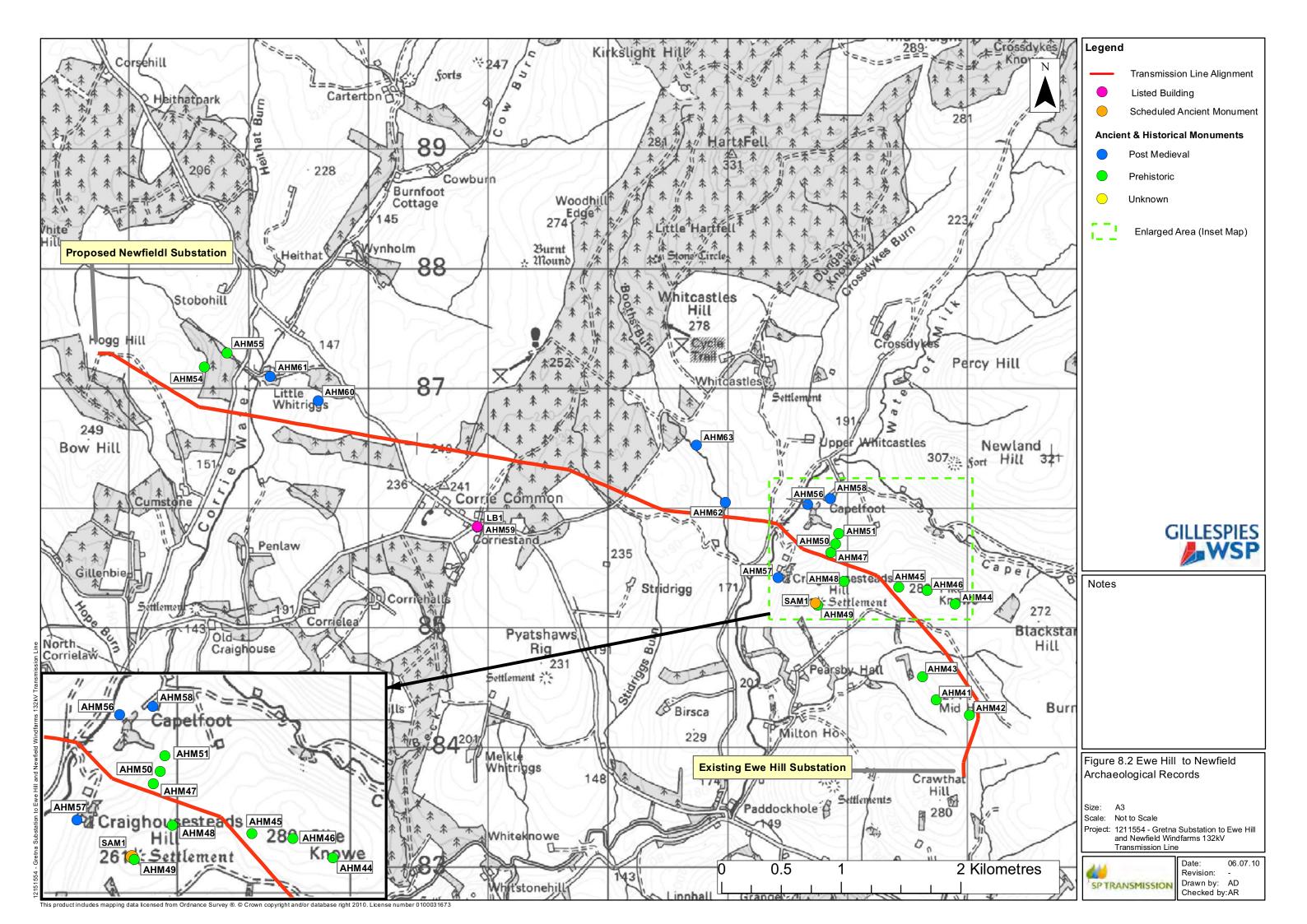


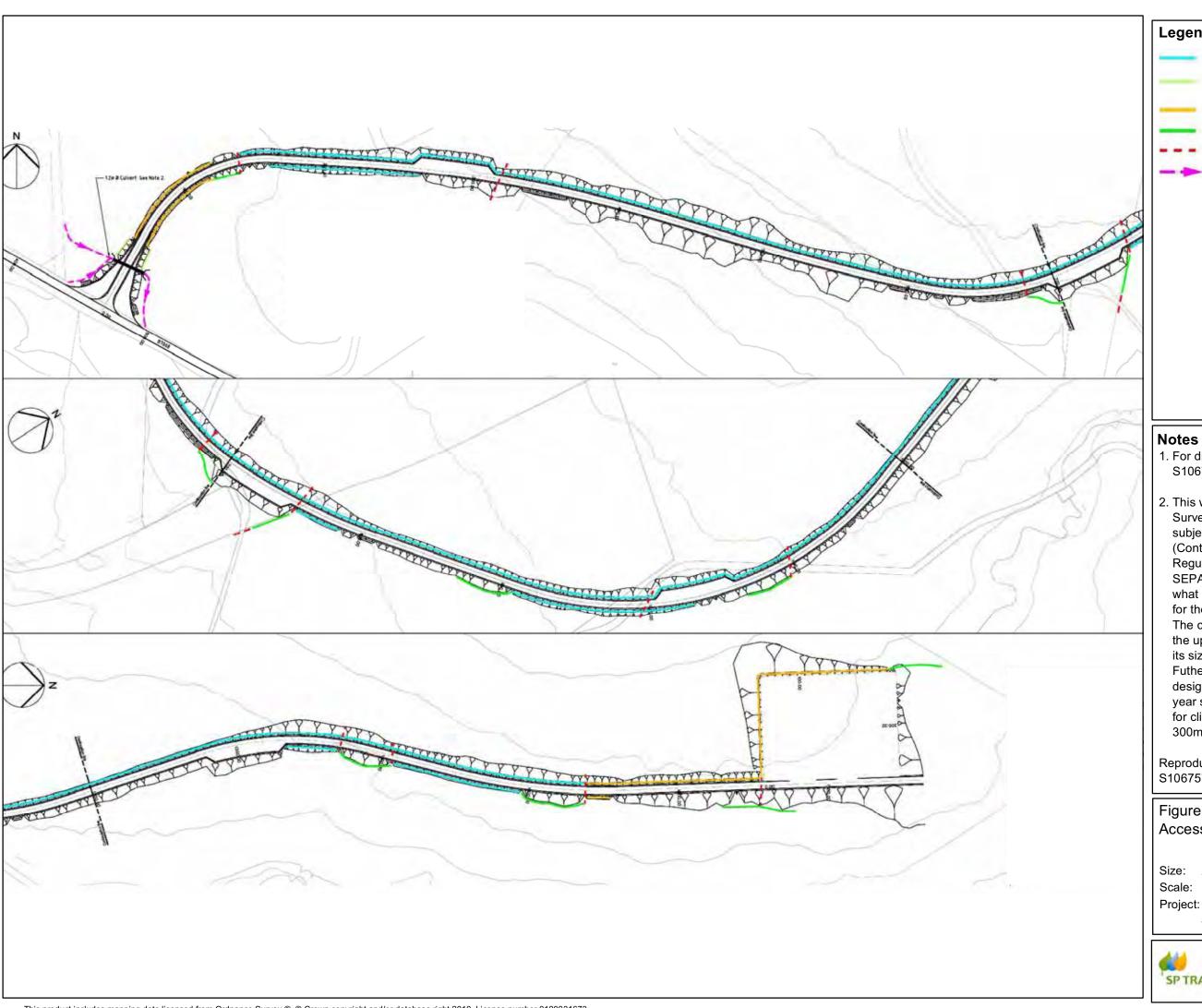


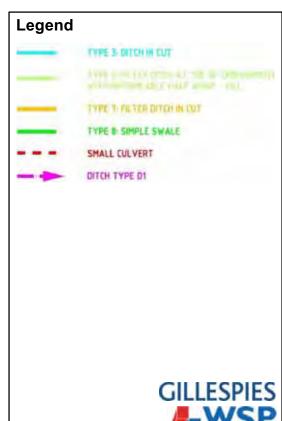












- 1. For drainage details refer to drawing S106757/P/011
- 2. This watercourse appears on Ordinance Survey 1:50,000 plans, and is therefore subject to The Water Environment (Controlled Activities)(Scotland) Regulations 2005. Consultation with SEPA will be carried out to determine what level of Authorisation is required for the culvert.

The culvert has been sized by analysing the upstream catchment and determining its size using 5 meter DTM data. Futhermore, the culvert has been designed to accommodate a 1 in 100 year storm event plus 20% (to account for climate change) and is imbedded by 300mm to provide a natural culvert.

Reproduced from Scott Wilson drawing: S106757/P/010

Figure 10.1 Access Track Drainage Plan

Size: A3

Scale: Not to Scale

Project: Gretna Substation to Ewe Hill and Newfield Windfarms



Date: 06.07.10 Revision: Drawn by: AD Checked by: AR

