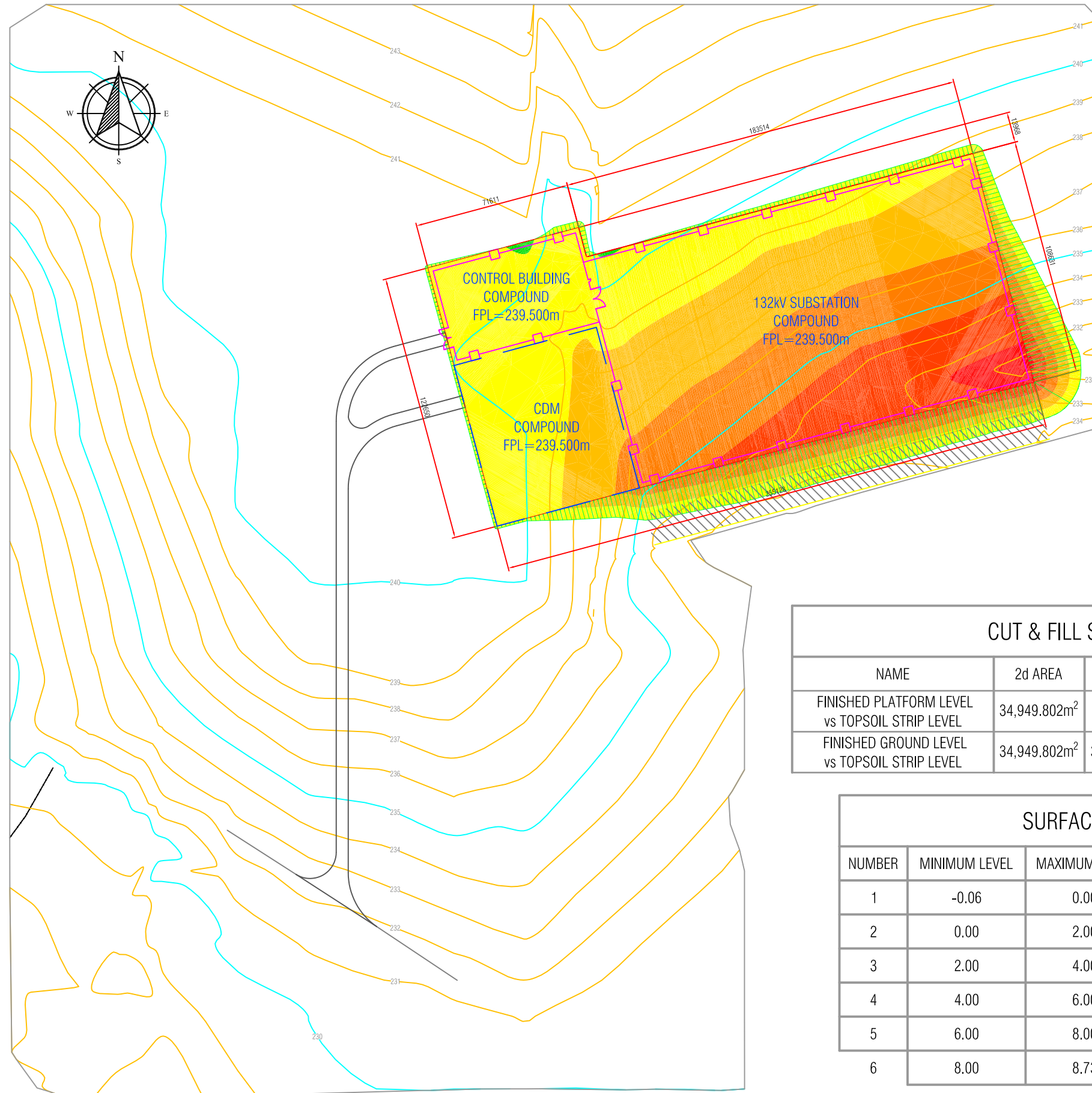


Figure 4.5: Glenmuckloch Substation Cut and Fill Layout



CUT & FILL LAYOUT

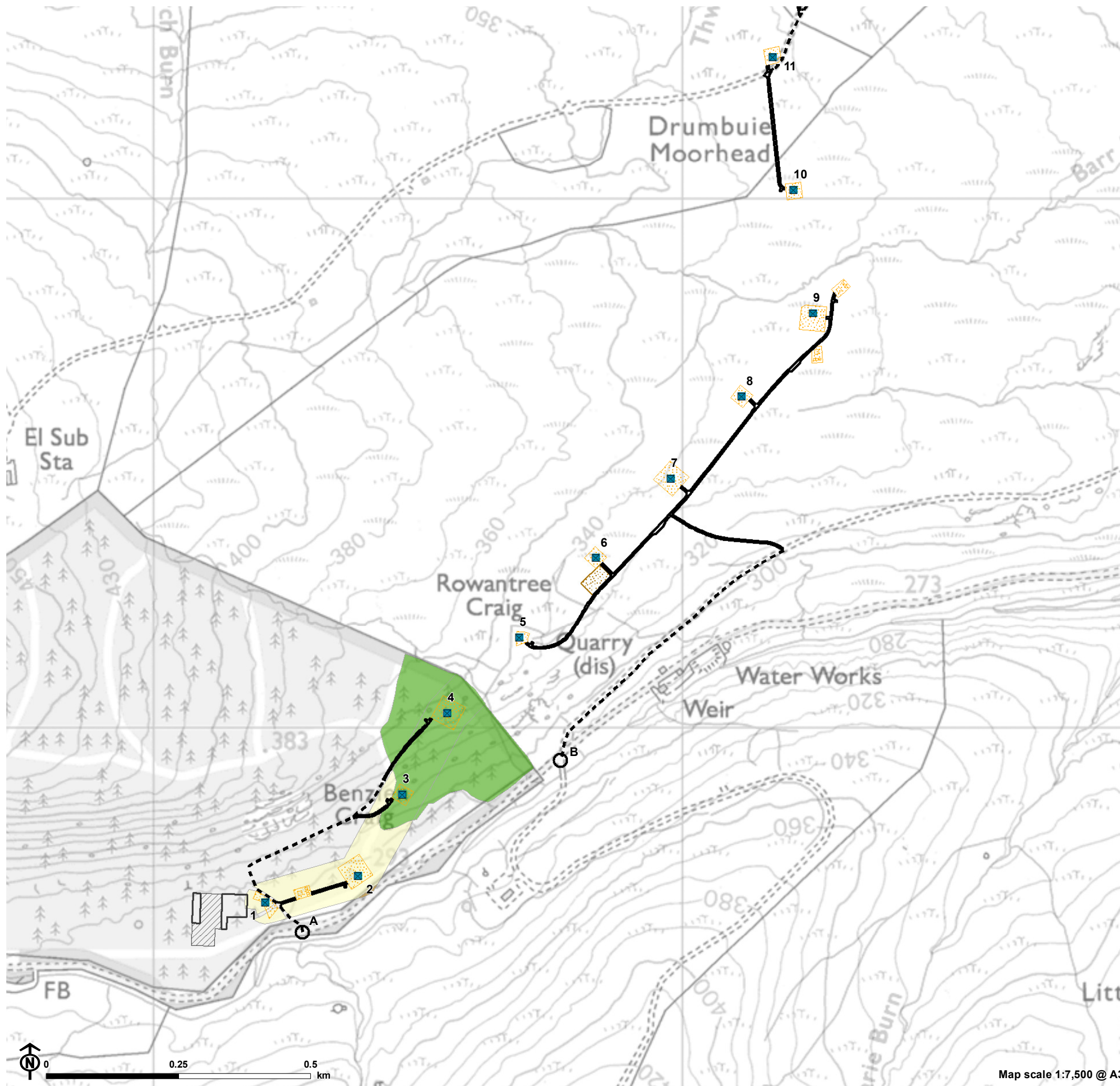
CUT & FILL SUMMARY				
NAME	2d AREA	CUT	FILL	NET
FINISHED PLATFORM LEVEL vs TOPSOIL STRIP LEVEL	34,949.802m ²	1.172m ³	110,904.079m ³	110,902.907m ³ FILL
FINISHED GROUND LEVEL vs TOPSOIL STRIP LEVEL	34,949.802m ²	34,949.802m ³	0.000m ³	34,949.802m ³ CUT

SURFACE LEVEL DATA					
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME
1	-0.06	0.00		66.826m ²	1.172m ²
2	0.00	2.00		13,352.948m ²	56,097.533m ²
3	2.00	4.00		9,435.073m ²	33,132.503m ²
4	4.00	6.00		7,109.321m ²	16,801.791m ²
5	6.00	8.00		4,443.570m ²	4,729.581m ²
6	8.00	8.73		542.064m ²	142.671m ²
TOTALS:				34,949.802m ²	110,905.251m ²

NOT TO SCALE

THIS DRAWING HAS BEEN PRODUCED FOR DISCUSSION / DESIGN DEVELOPMENT PURPOSES ONLY
Drawing Reference: SP Energy Networks -

Figure 4.6a: Forestry Felling



- Overhead line infrastructure**
- Tower (steel lattice tower)
 - Laydown area
 - Working area
- Access to proposed towers and temporary work areas**
- Existing access track
 - New access track
 - Access point
- Glenglass substation (does not form part of this application)
- Existing substation
 - Proposed substation extension
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers

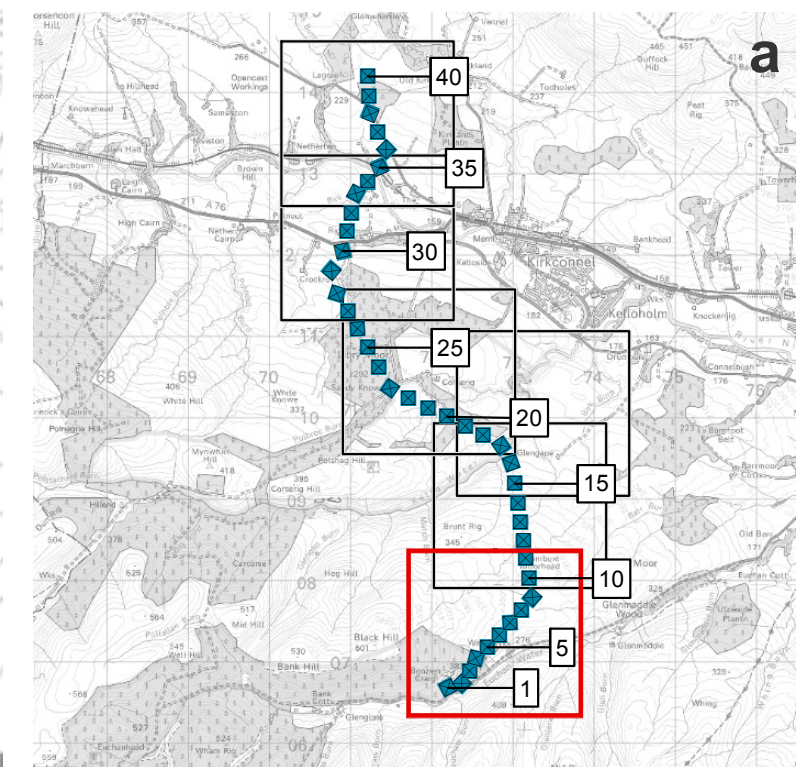
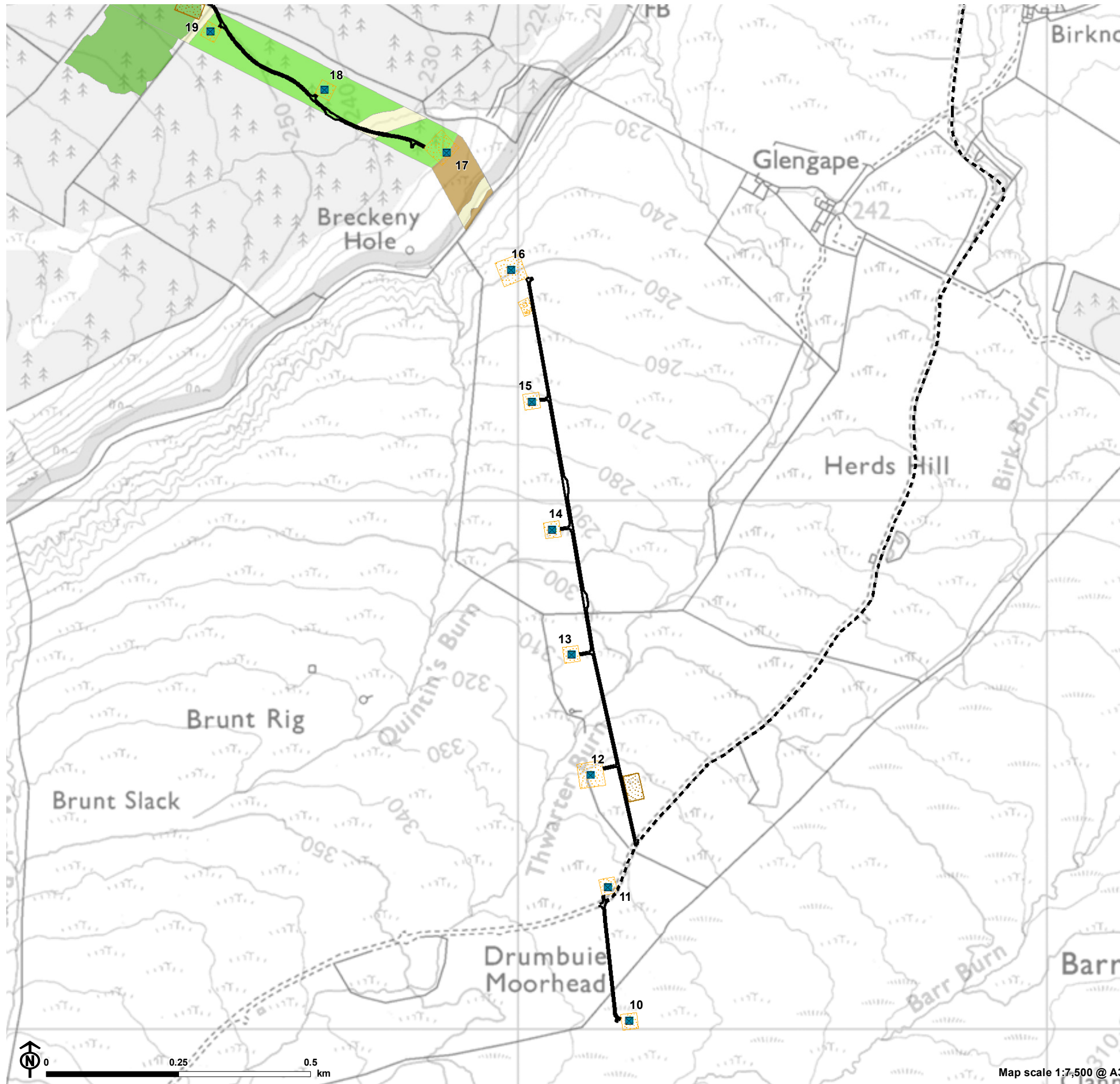
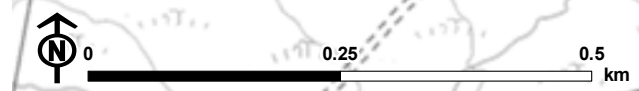
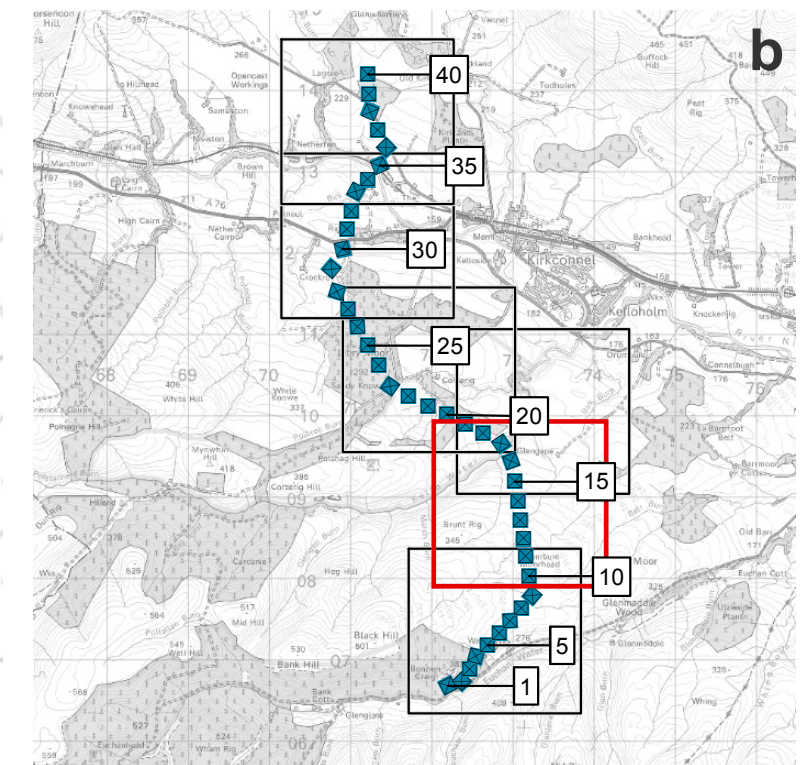


Figure 4.6b: Forestry Felling

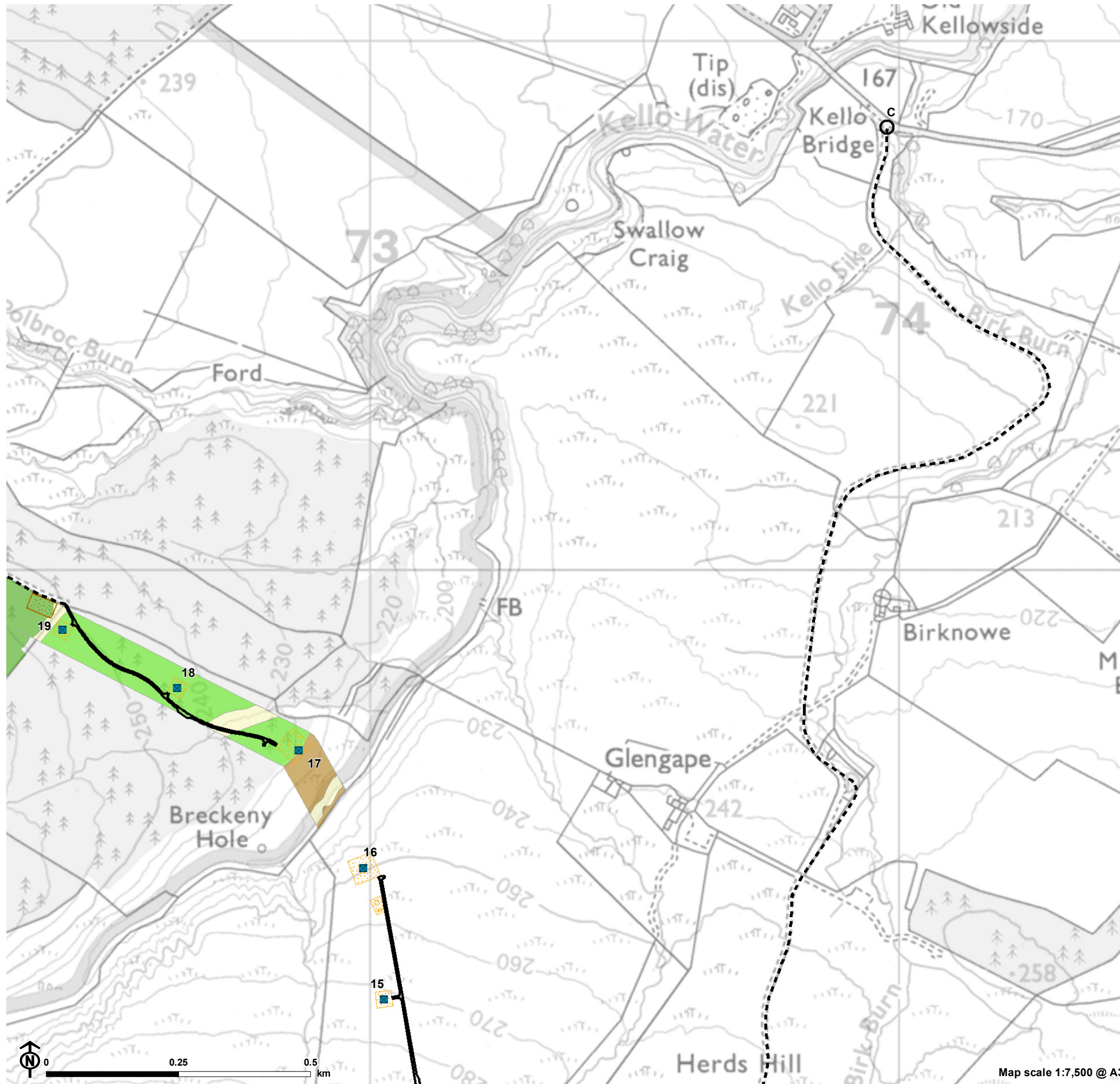


- Overhead line infrastructure**
- Tower (steel lattice tower)
 - Laydown area
 - Working area
- Access to proposed towers and temporary work areas**
- Existing access track
 - New access track
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers
 - Young Conifers

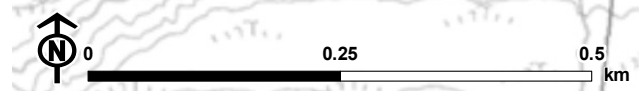
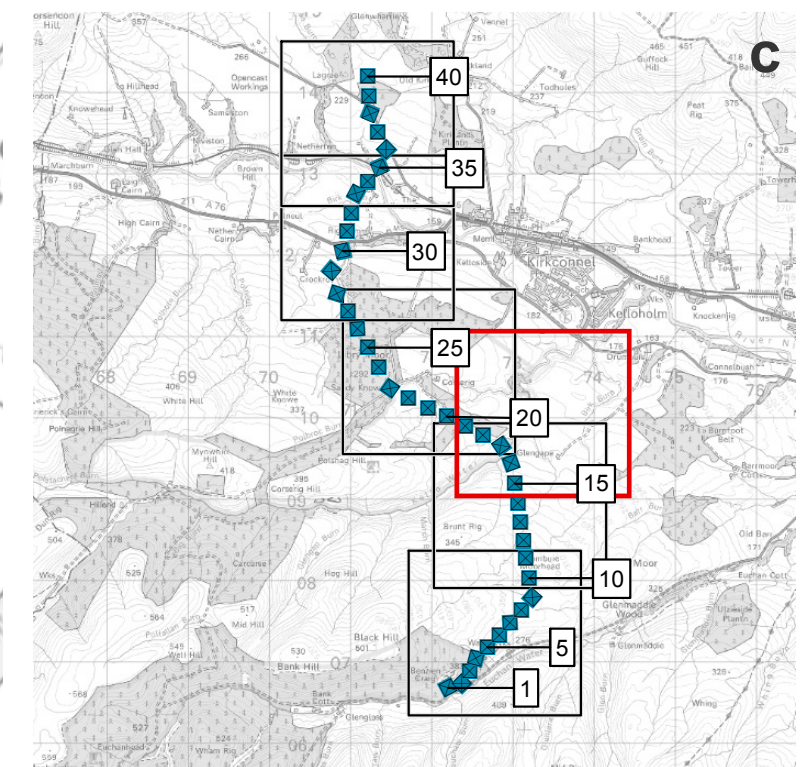


Map scale 1:7,500 @ A3

Figure 4.6c: Forestry Felling

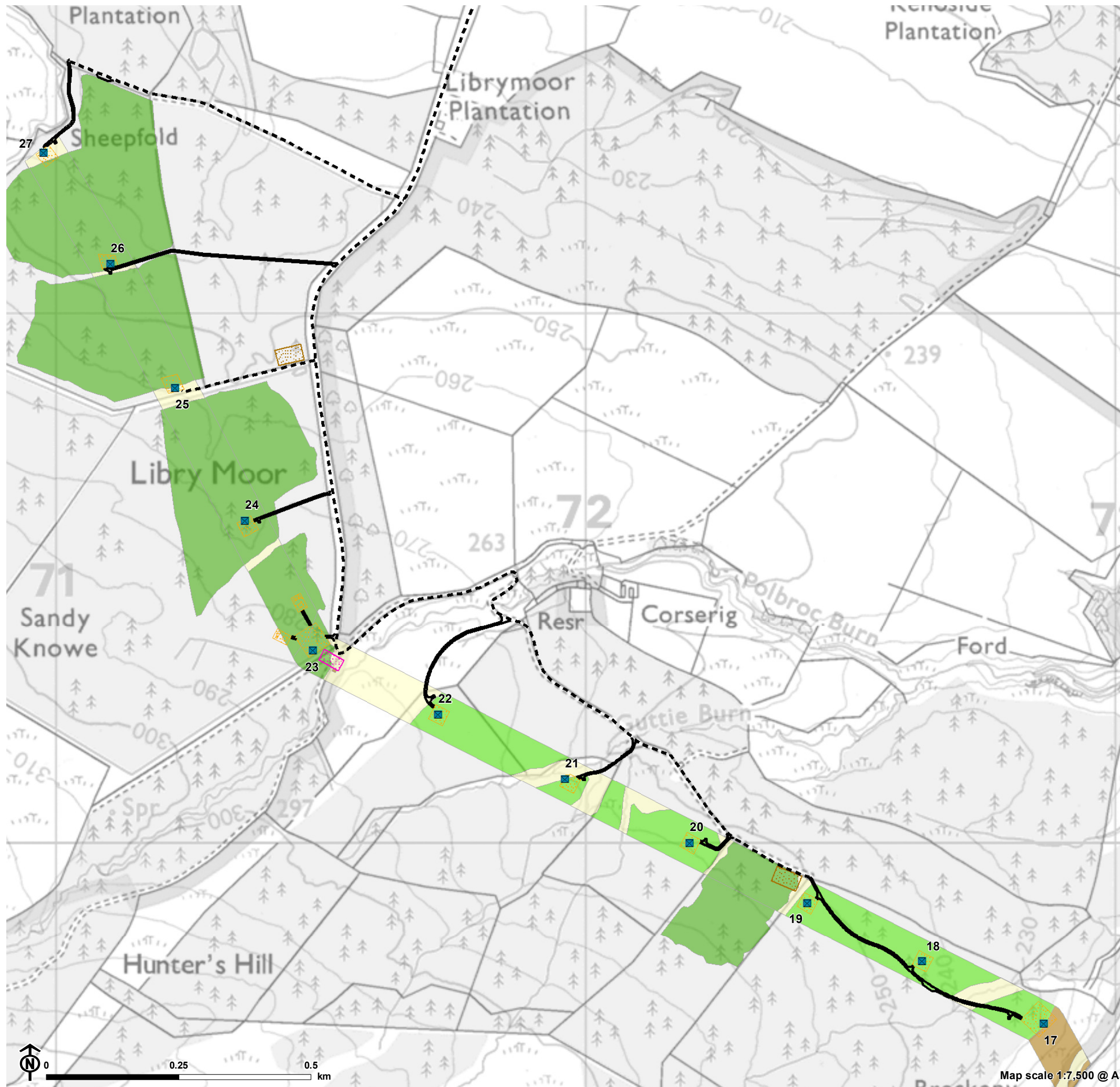


- Overhead line infrastructure**
- Tower (steel lattice tower)
 - Laydown area
 - Working area
- Access to proposed towers and temporary work areas**
- Existing access track
 - New access track
 - Access point
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers
 - Young Conifers

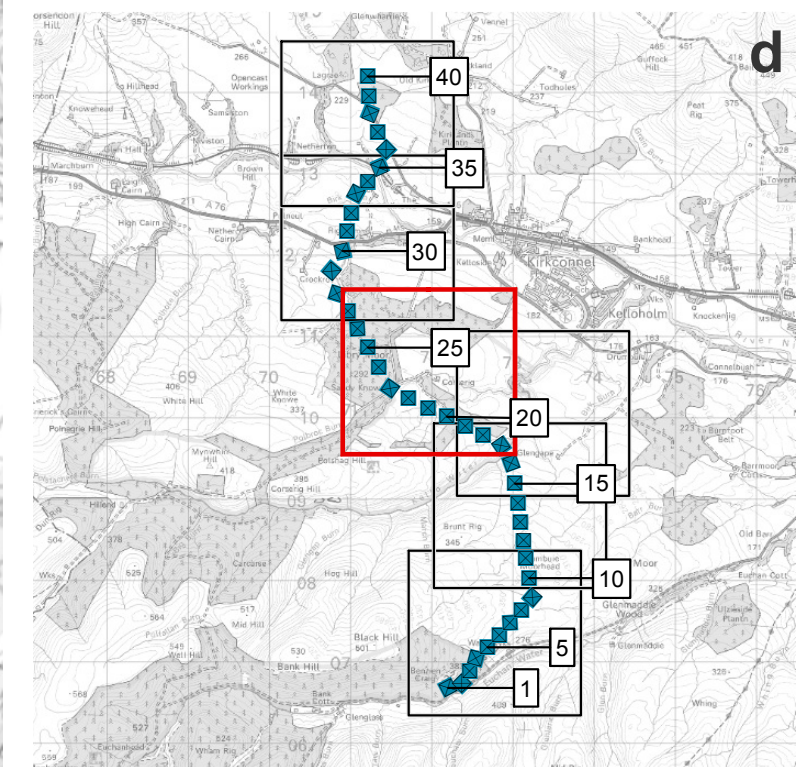


Map scale 1:7,500 @ A3

Figure 4.6d: Forestry Felling

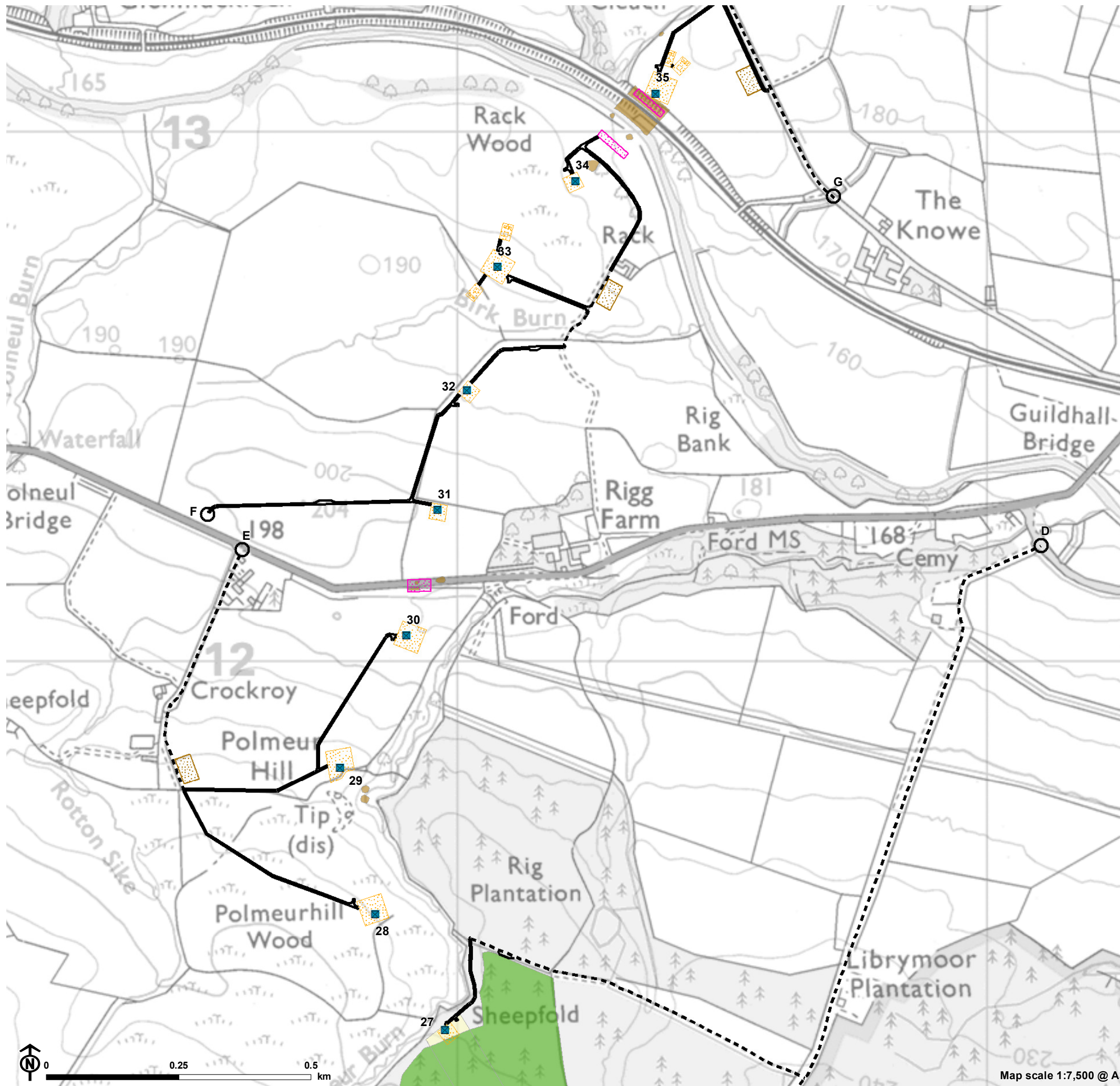


- Overhead line infrastructure**
- Tower (steel lattice tower)
 - Laydown area
 - Scaffolding
 - Working area
- Access to proposed towers and temporary work areas**
- Existing access track
 - New access track
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers
 - Young Conifers

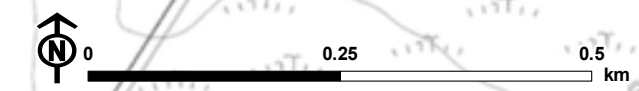
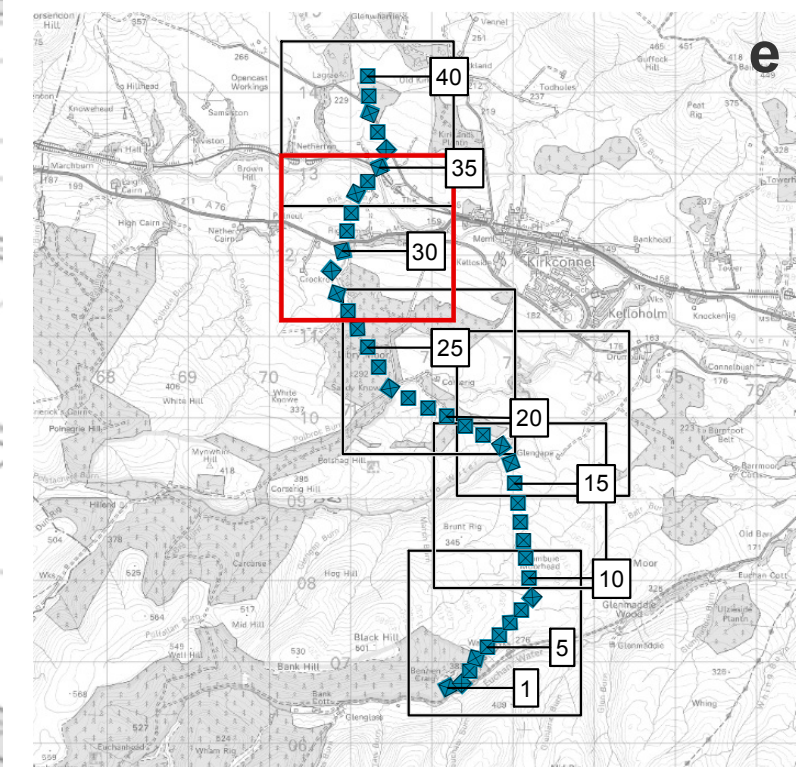


Map scale 1:7,500 @ A3

Figure 4.6e: Forestry Felling

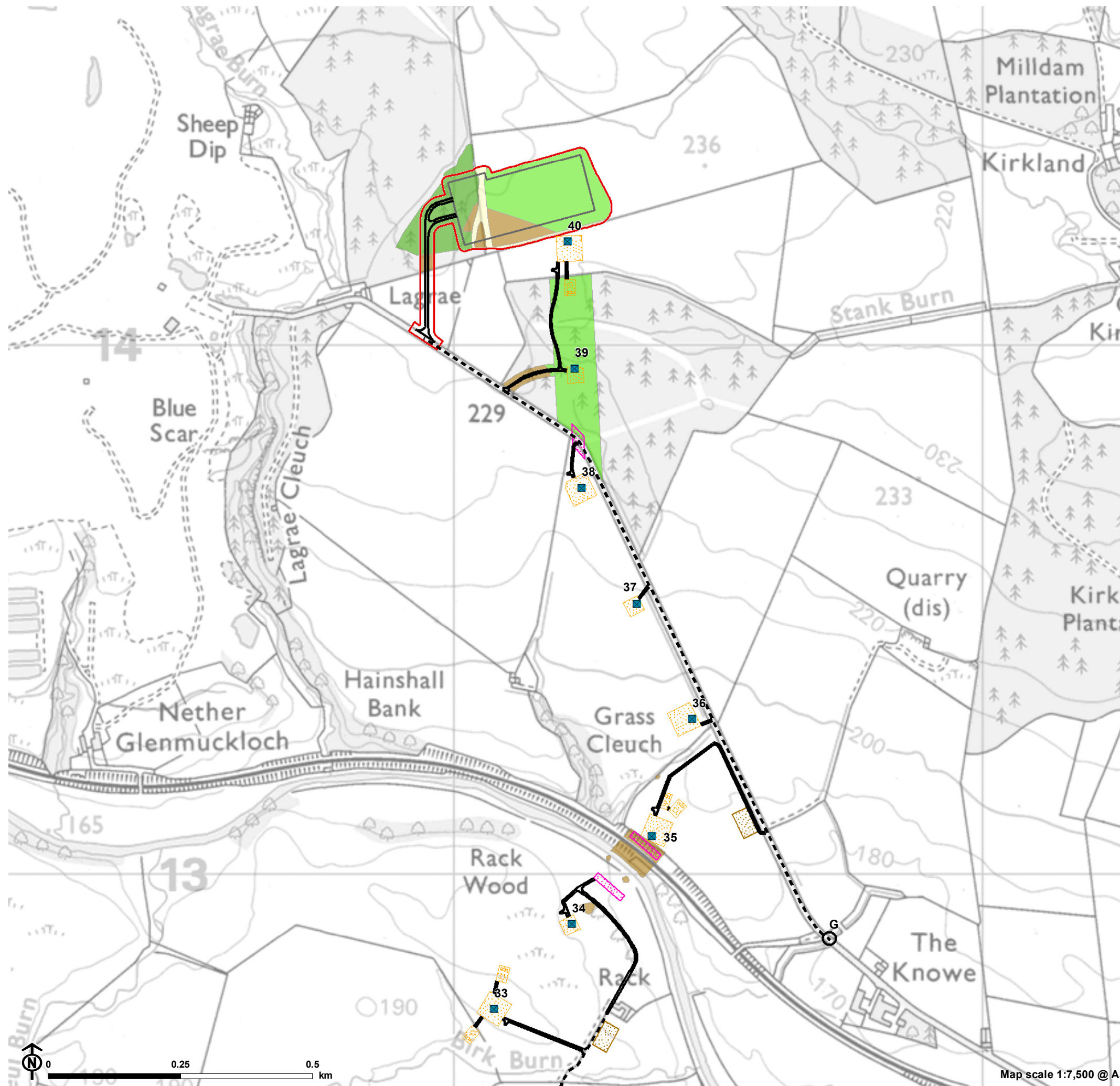


- Overhead line infrastructure**
- Tower (steel lattice tower)
 - Laydown area
 - Scaffolding
 - Working area
- Access to proposed towers and temporary work areas**
- Existing access track
 - New access track
 - Access point
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers

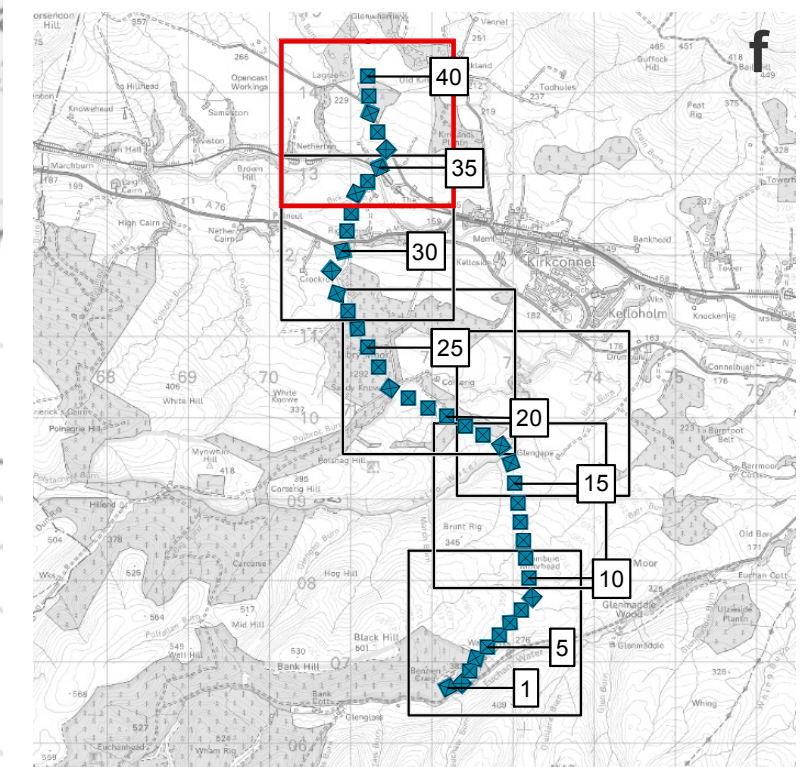


Map scale 1:7,500 @ A3

Figure 4.6f: Forestry Felling



- Overhead line infrastructure**
- Tower (steel lattice tower)
 - ▨ Laydown area
 - ▨ Scaffolding
 - ▨ Working area
- Access to proposed towers and temporary work areas**
- - - Existing access track
 - New access track
 - Access point
- Proposed Glenmuckloch substation**
- ▭ Glenmuckloch substation
 - ▭ Glenmuckloch substation site boundary
 - Glenmuckloch substation new access track
- Forestry type**
- Broadleaves
 - Forest Open Land
 - Mature Conifers
 - Young Conifers



Map scale 1:7,500 @ A3