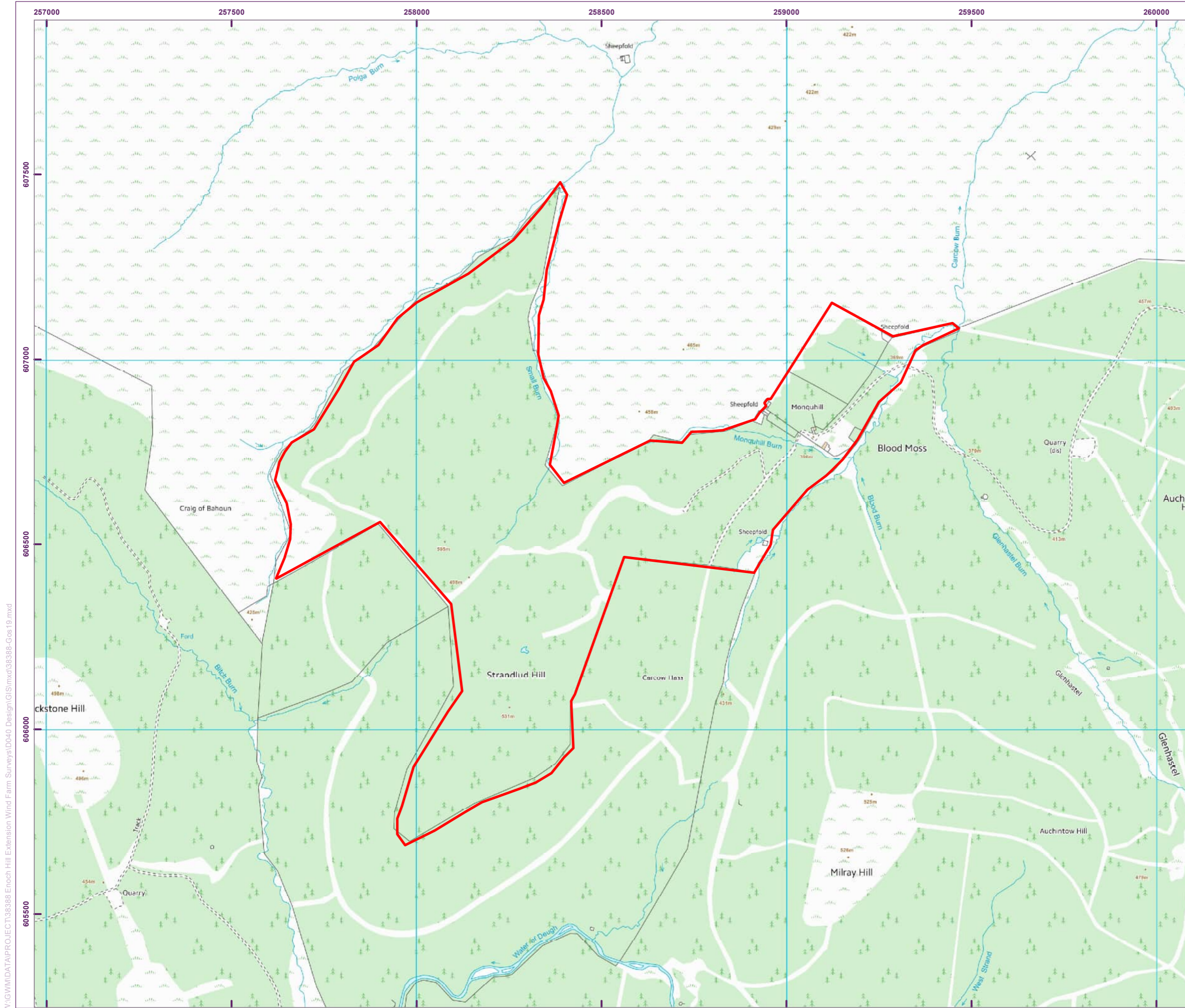


Appendix 12A

Baseline Report - 2016 Breeding Season



Key

Site boundary

0 400 m

Scale at A3: 1:10,000

Client

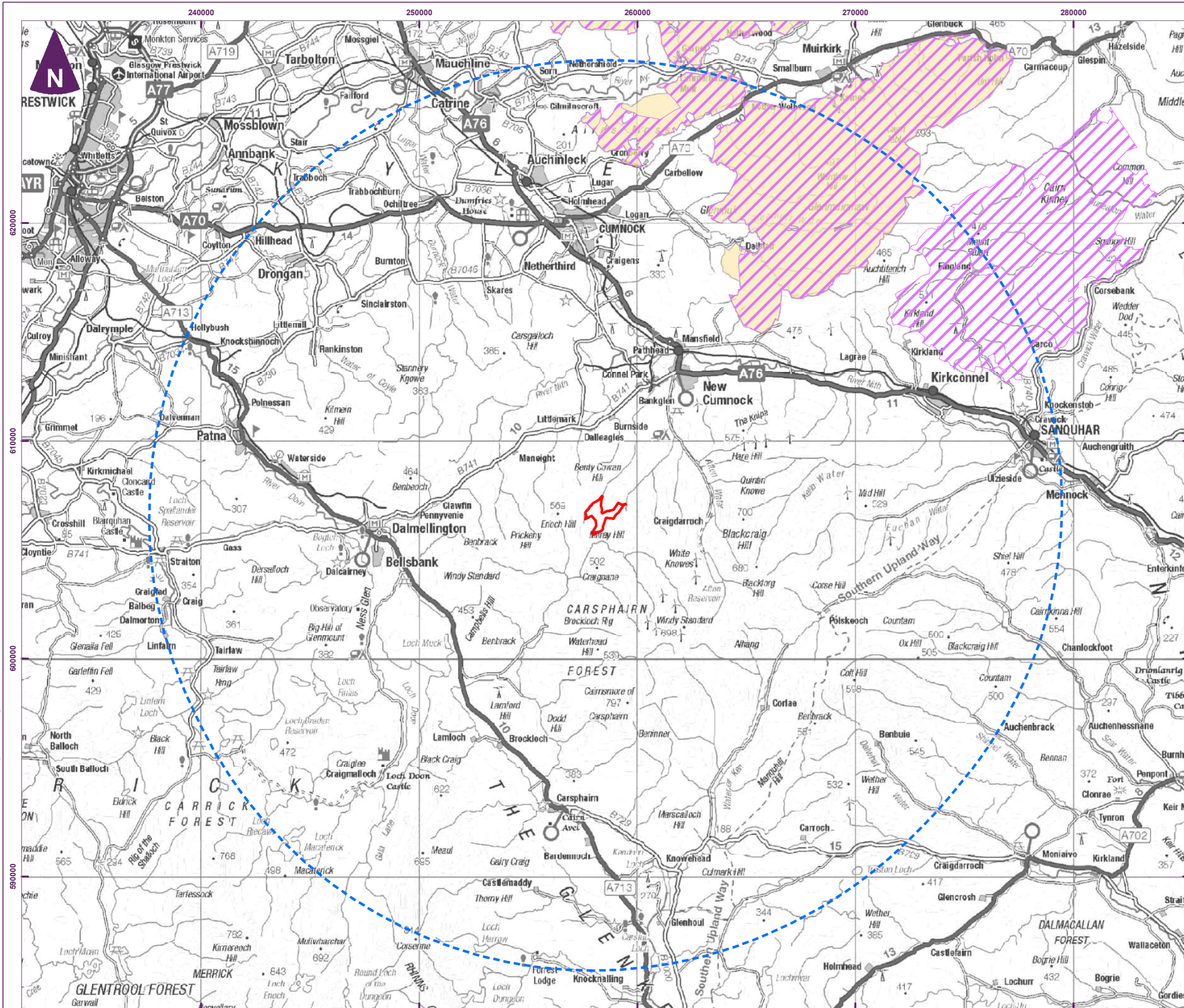
e.on

Enoch Hill Wind Farm Extension
Baseline Ornithology Report – Breeding Season 2016

amec foster wheeler

Figure 1.1
The site boundary

file: W:\GWM\DATA\PROJECT\38388 Enoch Hill Extension Wind Farm Surveys\040 Design\GIS\mxd\38388-Gos19.mxd



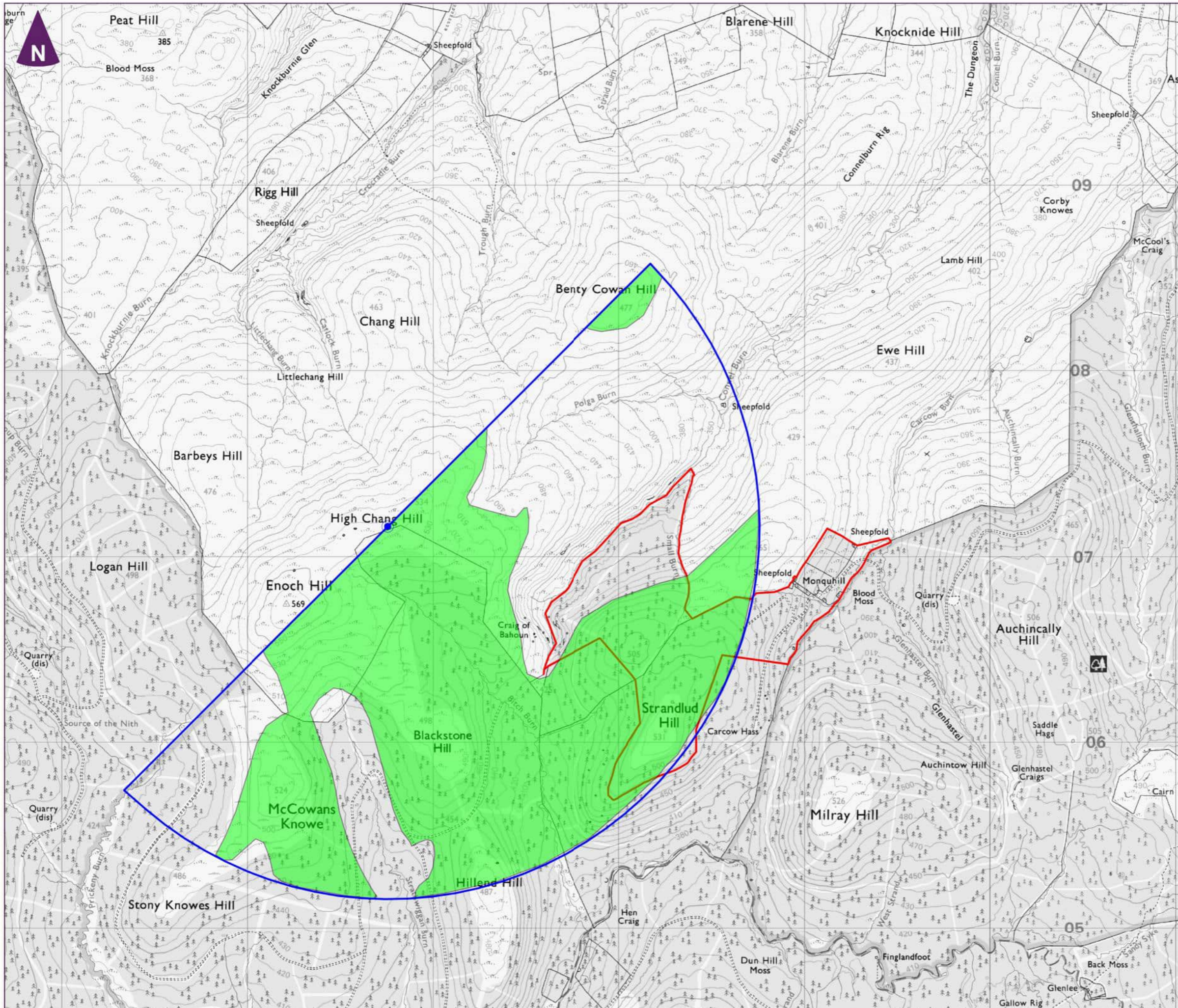
Key

- Site boundary
- 20km site buffer
- SPA
- SSSI



Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016

Figure 2.1
Locations of statutory ornithological
sites within 20km of the site

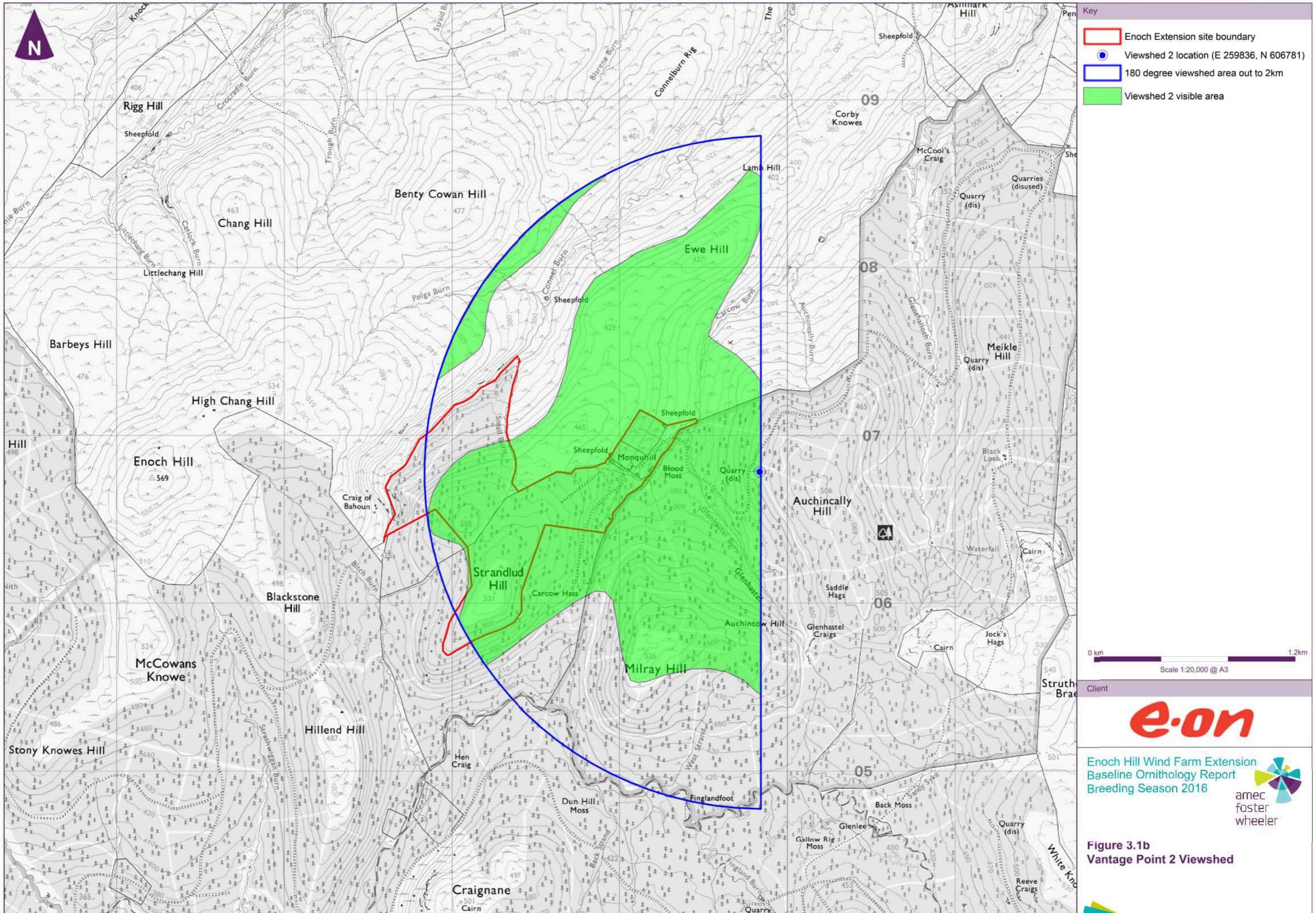


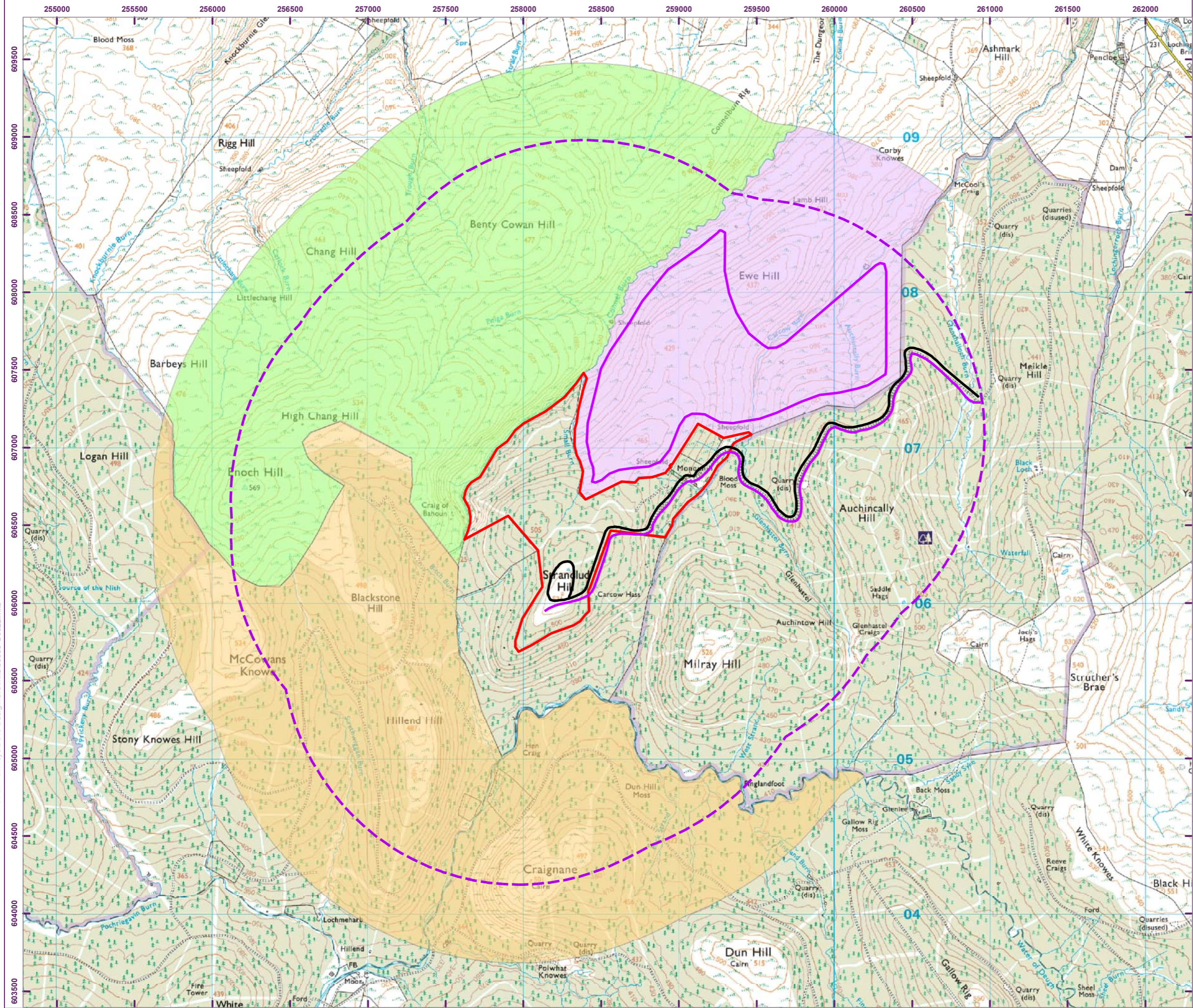
Key

- Enoch Extension site boundary
- Viewshed 1 location (E 256756, N 607160)
- 180 degree viewshed area out to 2km
- Viewshed 1 visible area



Figure 3.1a
Vantage Point 1 Viewshed





- Key**
- Site boundary
 - 1.5km site boundary buffer
 - No access till mid May
 - No access
 - Surveyed as part of Enoch Hill Wind Farm
 - Black grouse survey transect 1 routes
 - Black grouse survey transect 2 routes



Client

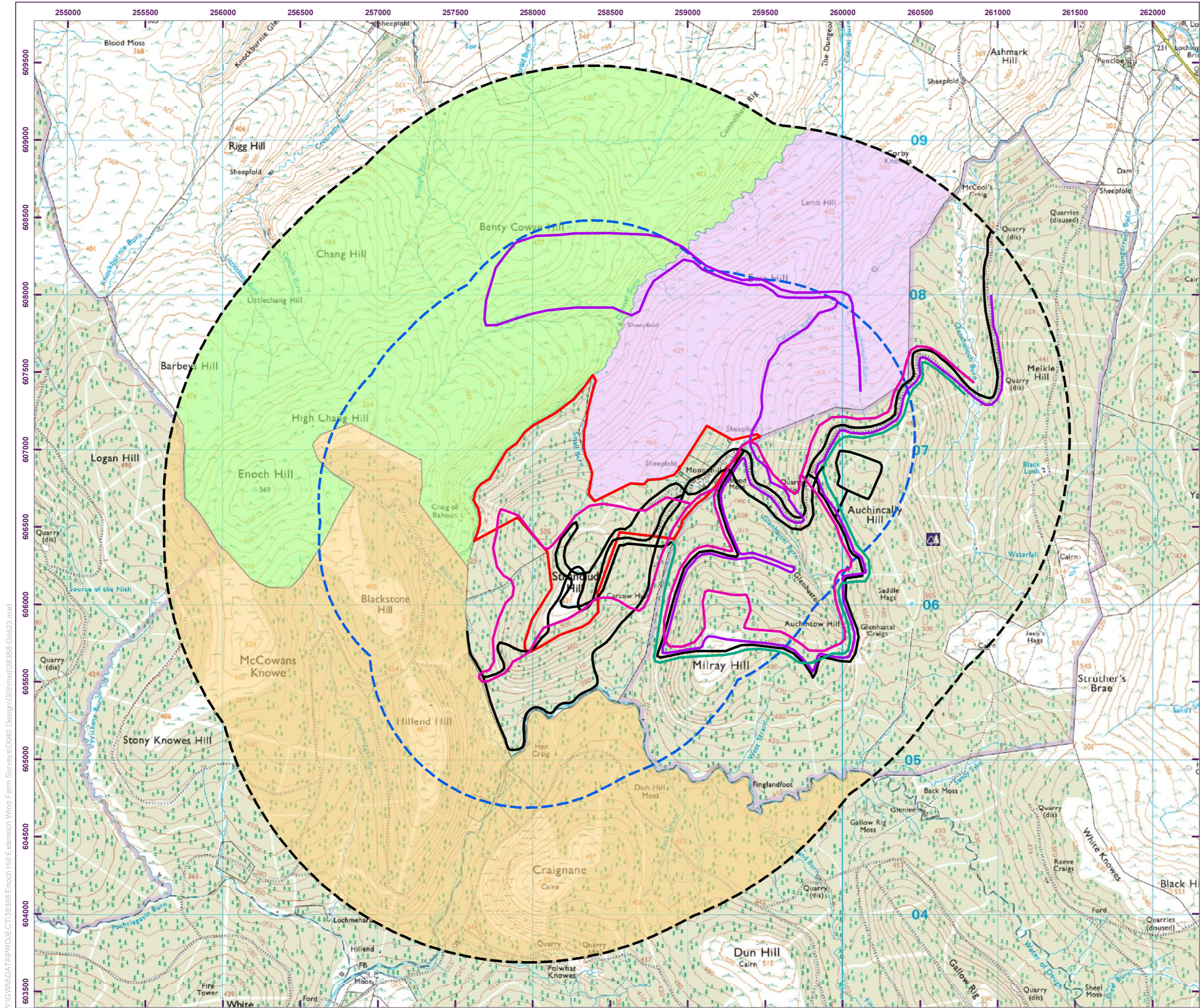


Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016



Figure 3.2a
Black grouse survey area and
transect routes

file: W:\GIMMIDATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos22.mxd



- Key**
- Site boundary
 - 1km site boundary buffer
 - 2km site boundary buffer
 - No access till mid May
 - No access
 - Surveyed as part of Enoch Hill Wind Farm
 - Raptor survey transect 1 routes
 - Raptor survey transect 2 routes
 - Raptor survey transect 3 routes
 - Raptor survey transect 4 routes



Client

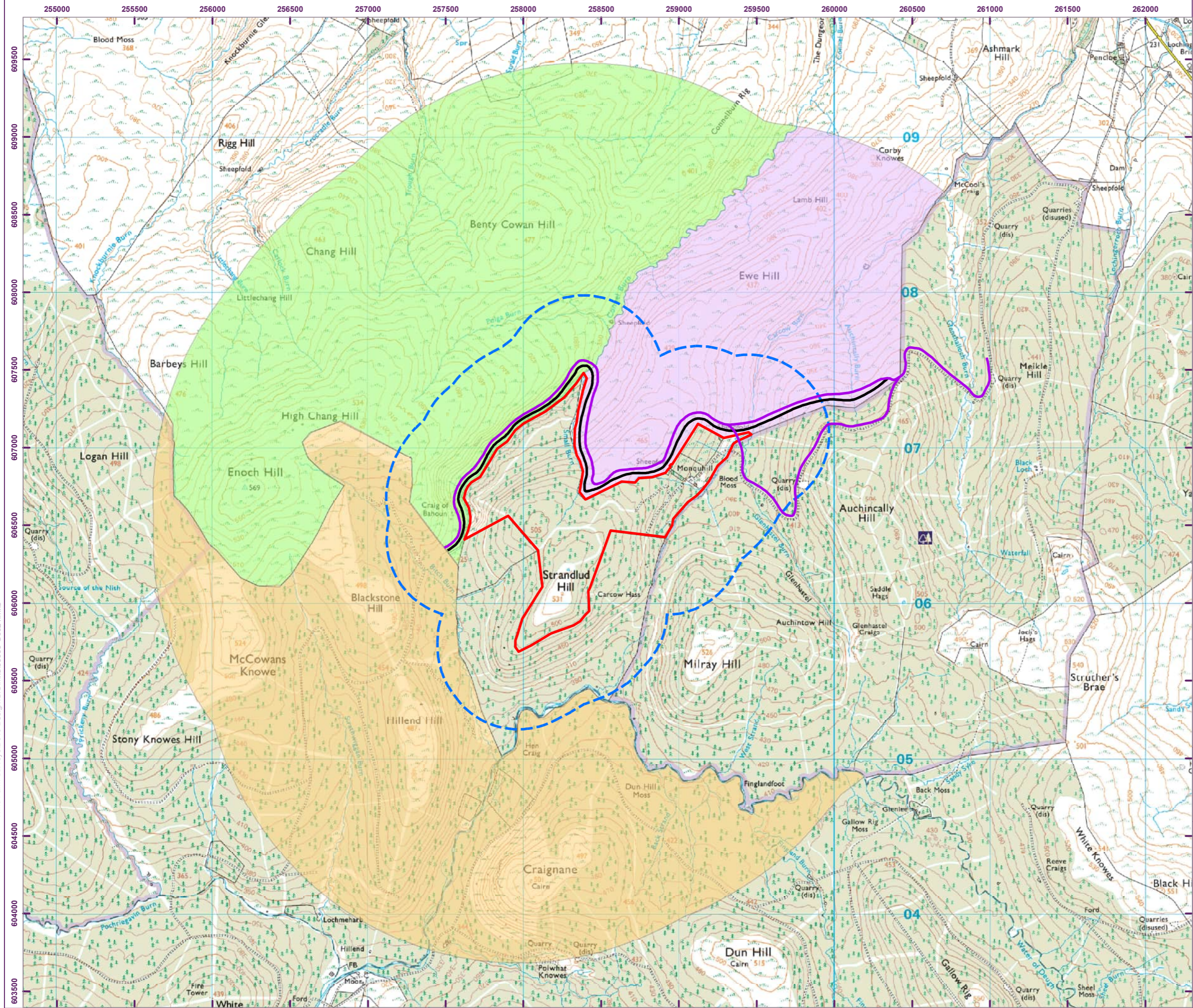


Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016



Figure 3.2b
Raptor survey area and transect routes

file: W:\GIMMIDATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos23.mxd



- Key**
- Site boundary
 - 500m site boundary buffer
 - No access till mid May
 - No access
 - Surveyed as part of Enoch Hill Wind Farm
 - Nightjar survey transect 1 routes
 - Nightjar survey transect 2 routes



Client

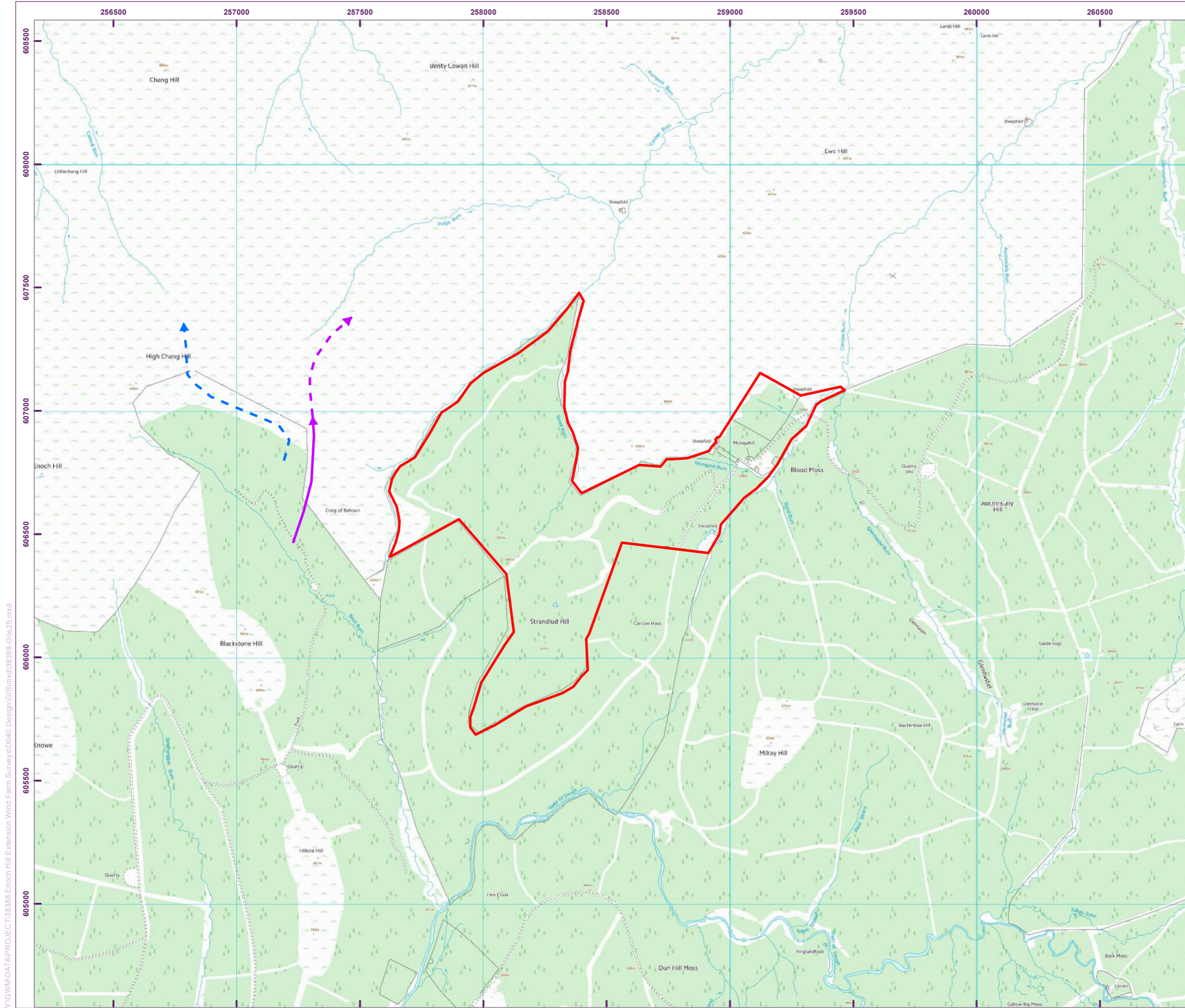


Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016

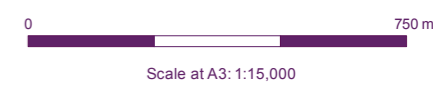


Figure 3.2c
Nightjar survey area and transect routes

file: W:\GIMMIDATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos24.mxd



- Key
- Site boundary
 - Merlin at collision height
 - - - → Merlin outwith collision height
 - Hen harrier at collision height
 - - - → Hen harrier outwith collision height



Client

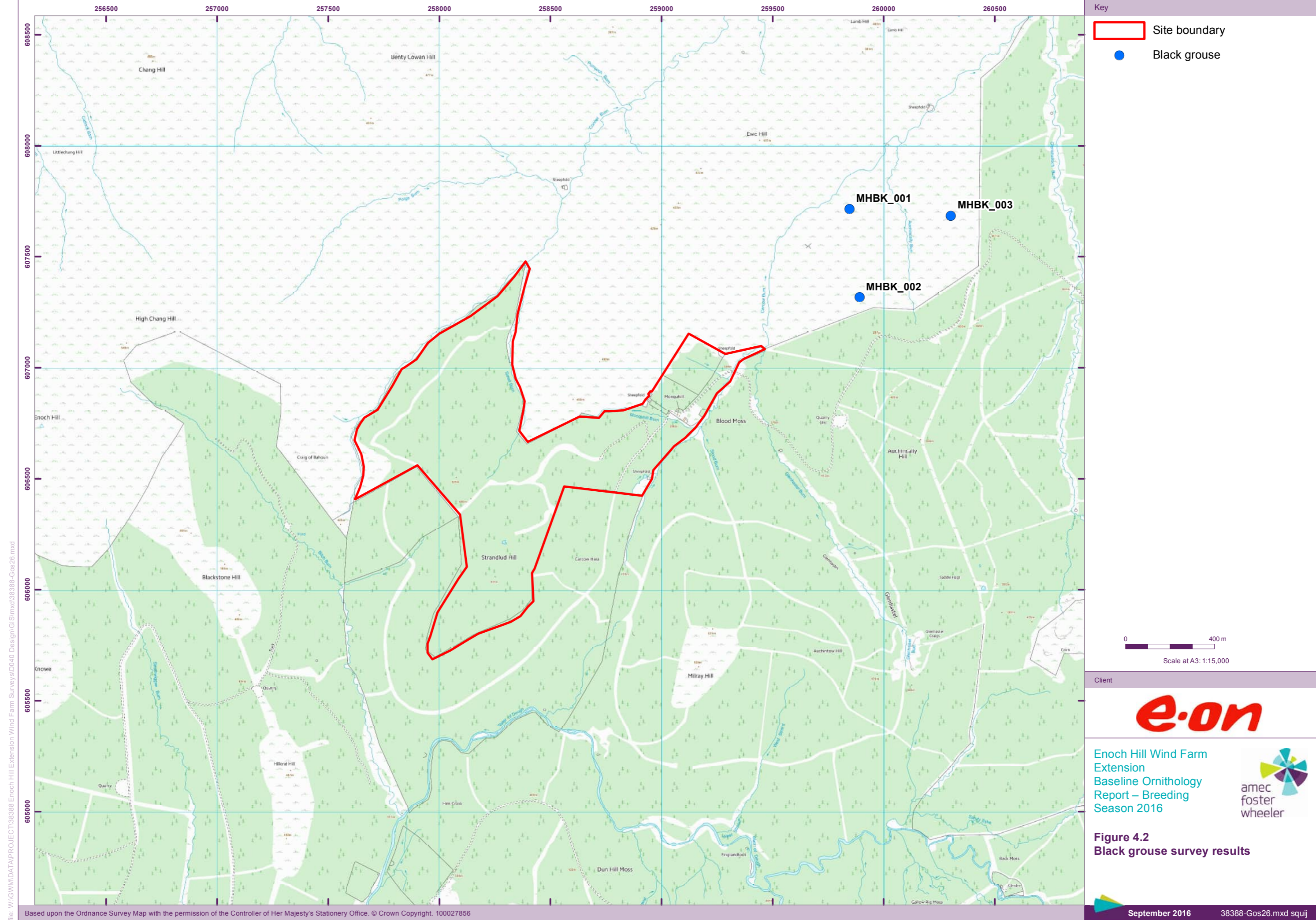


Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016



Figure 4.1
Flight activity map

file: W:\GWM\DATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos25.mxd



Key
 [Red outline] Site boundary
 [Blue dot] Black grouse

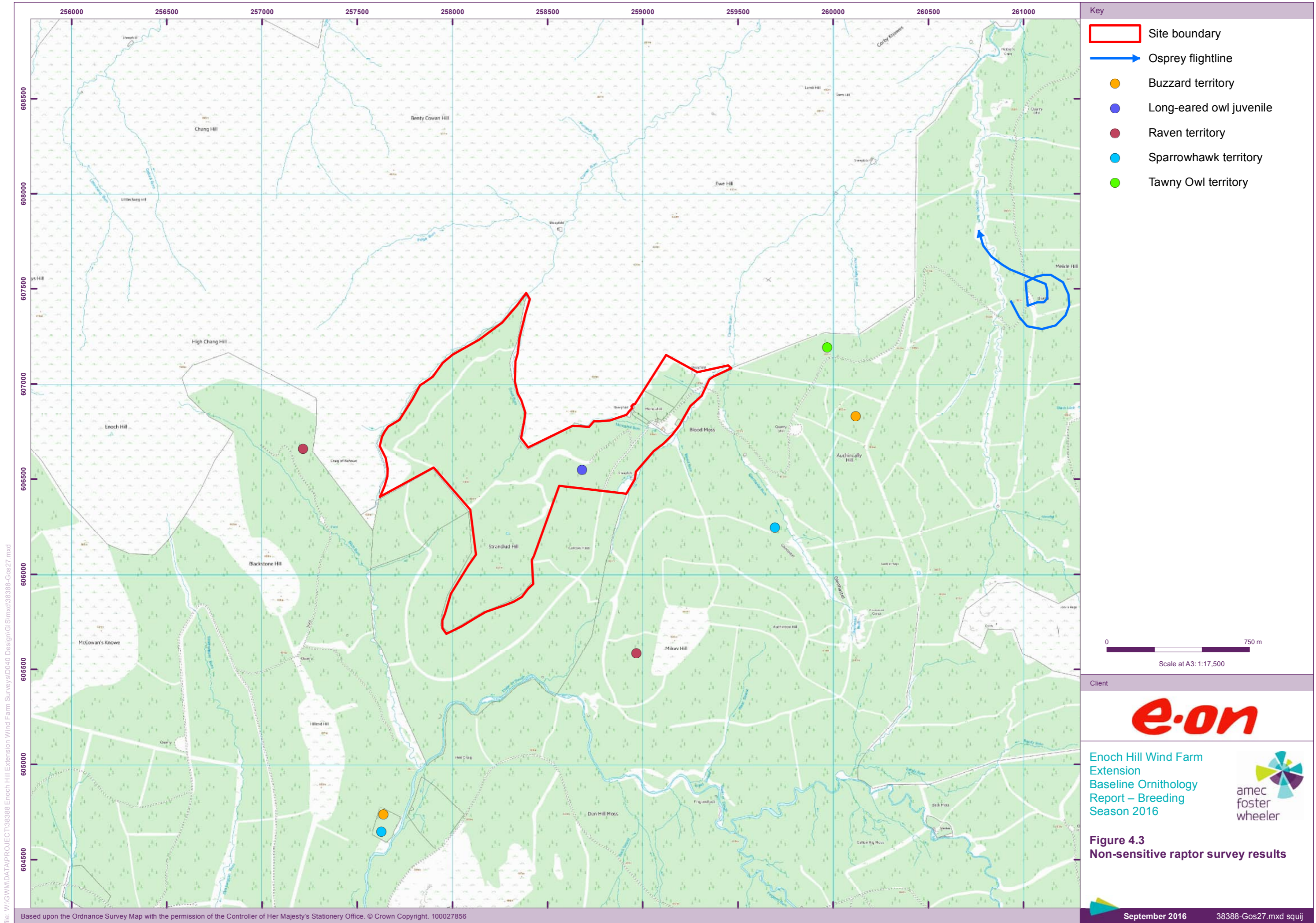
0 400 m
 Scale at A3: 1:15,000



Enoch Hill Wind Farm Extension
 Baseline Ornithology Report – Breeding Season 2016

Figure 4.2
Black grouse survey results

file: W:\GWM\DATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos26.mxd



- Key**
- Site boundary
 - Osprey flightline
 - Buzzard territory
 - Long-eared owl juvenile
 - Raven territory
 - Sparrowhawk territory
 - Tawny Owl territory

0 750 m
Scale at A3: 1:17,500

Client

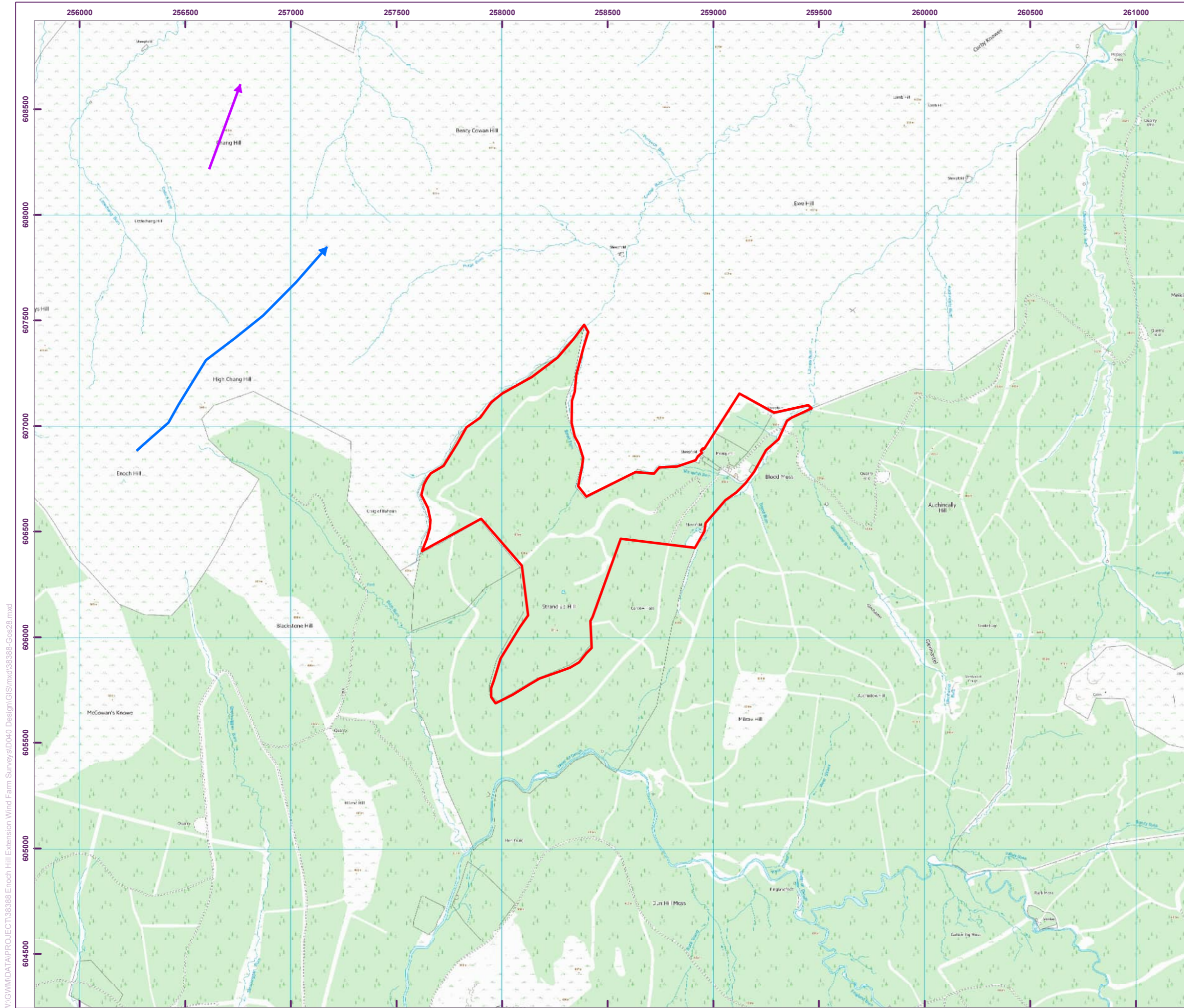


Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016

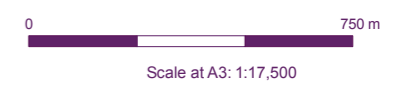


Figure 4.3
Non-sensitive raptor survey results

file: W:\GWM\DATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\040 Design\GIS\mxd\38388-Gos27.mxd



- Key
- Site boundary
 - Golden plover flightline
 - Goshawk flightline



Client



Enoch Hill Wind Farm
Extension
Baseline Ornithology
Report – Breeding
Season 2016



Figure 4.4
Incidental records map

file: W:\GWM\DATA\PROJECT\38388 Enoch Hill Extension Wind Farm Survey\1\38388-Design\GIS\mxd\38388-Gos28.mxd