

**LAND AT INTERBRIDGES,
EMSWORTH**

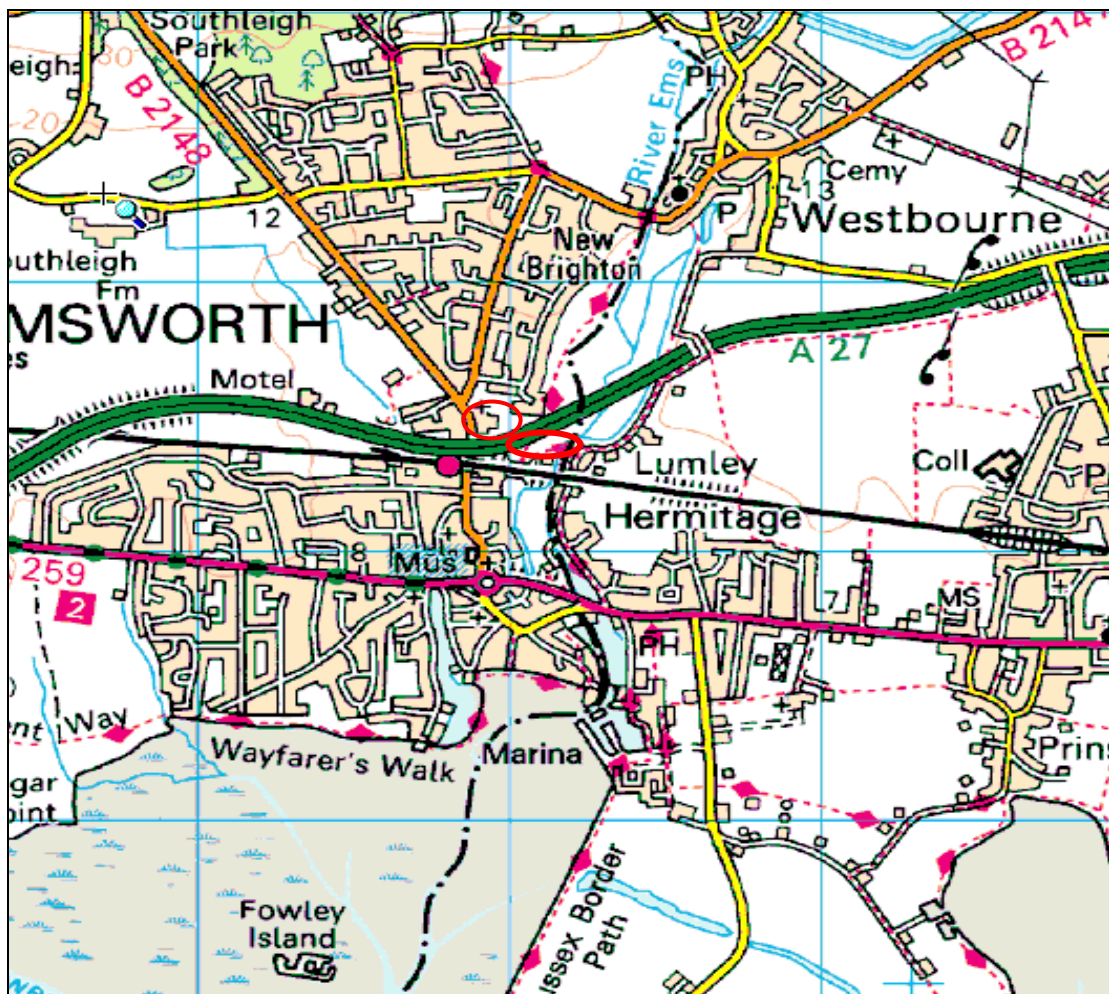
REPTILE TRANSLOCATION RESULTS

DECEMBER 2015

LAND AT INTERBRIDGES, EMSWORTH**REPTILE TRANSLOCATION RESULTS****1.0 BACKGROUND**

The land at Interbridges which is subject to the reptile translocation runs along the A27(T) and the south coast railway line and is located as shown in **Figure 1**. The basic plan for the proposed development of industrial units, on which this ecological assessment has been prepared, is shown in **Figure 2**.

Figure 3 shows the results of the Reptile Survey on site.



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Figure 1: Location of the Site

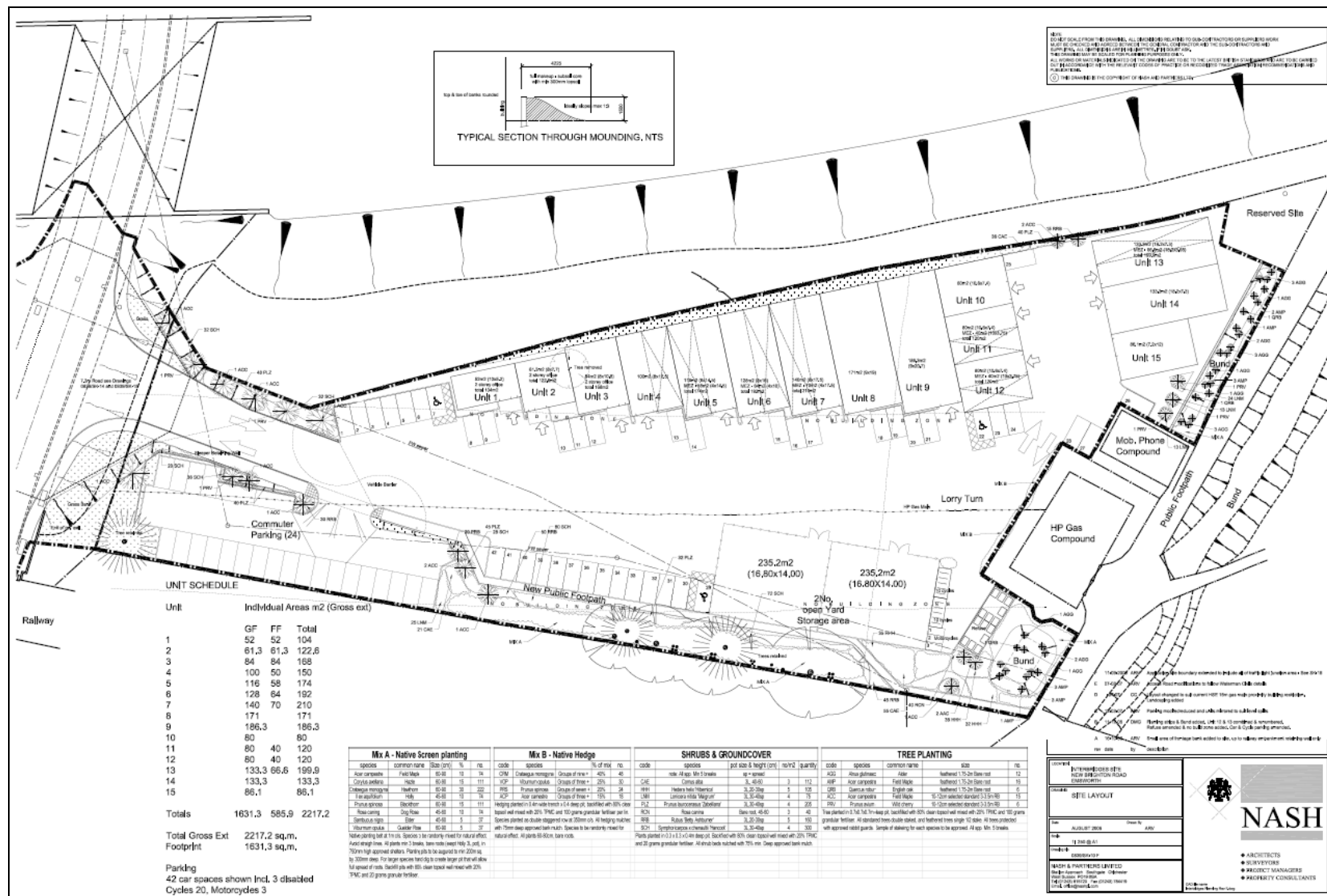
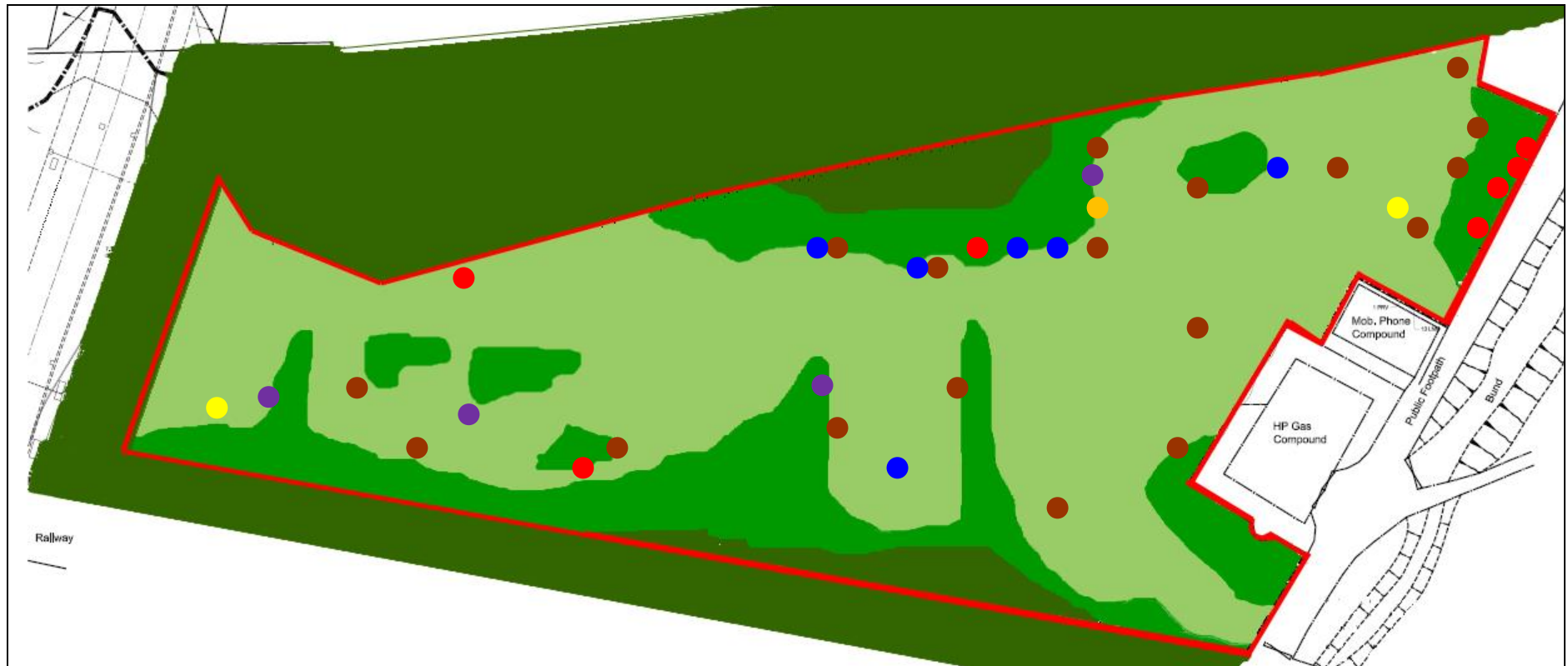


Figure 2: Proposed Development



Key

2008:

- Slow Worm (1-2 records)
- Common Lizard (ind. Records)
- Grass Snake (ind. Records)

2012:

- Slow Worm (ind record)

2014:

- Grass Snake
- Slow Worm

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**Figure 3: Reptile Survey 2008
& 2012 & 2014**

2.0 TRANSLOCATION RESULTS

As part of an agreed reptile translocation strategy, a small scale translocation of reptiles was undertaken on site during Spring - Autumn 2015. This involved the following:

- Preparation vegetation manipulation to remove the vegetation layer down to 10-20cm with a cut of woody and grassy vegetation within the proposed works area;
- A second careful cut of vegetation to open proposed works area and encourage Slow Worm movement to retained habitats around the edge of the works area, to c10cm;
- Deployment of artificial reptile refugia at a suitable density according to best practice guidelines in potentially suitable habitat in the works area;
- A translocation of the populations of reptiles on suitable dates during autumn 2014 and spring 2015 – a total of 37 visits were made to translocate animals;
- Visits were undertaken in suitable weather conditions when refugia were warmer than surrounding vegetation and temperatures were usually between 12-17c.
- A methodical destructive search of the site with an ecologist.

The results of the reptile translocation are provided in **Table 1** below.

3.0 SUMMARY

The reptile translocation on site was undertaken during periods when reptiles are most likely to use artificial refugia. A number of trapping days was undertaken with capture gradually reducing to allow a destructive search of the habitats within the works area. The mitigation measures and detailed strategy is outlined in the ecology report (Aluco Ecology, 2014) for reptiles and biodiversity gain should ensure that the reptile populations are retained in situ on the wider site.

A total of 37 Slow Worm were translocated to Nore Barn Woods Receptor site.

A total of 3 Grass Snake were translocated to Brook Meadows Nature Reserve, which is in proximity to the development site.

The translocation and destructive search also translocated a total of 24 Common Toad and 20 Common Frog. These animals were taken to Brook Meadows Nature Reserve.

4.0 REFERENCES

Aluco Ecology (2014) Ecological Assessment, Land at Interbridges

Table 1: Results of Reptile Translocation Slow Worm to Nore Barn Woods, Grass Snake to Brook Meadows

Translocation		Slow Worm				Grass Snake		
Date	Comments	Male	Female	Sub Adult	Juvenile	Male	Female	Sub Adult
	Survey Set up							
12/05/2015	1 Toad	1	2					
14/05/2015		2	2					
15/05/2015		1	1					
18/05/2015		1			1			
19/05/2015		1						
20/05/2015			1					
22/05/2015					2			
23/05/2015		1	1		1			
26/05/2015			1		1			
28/05/2015	strim phase 2, 1 Toad							
30/05/2015					1			
03/06/2015			2					
06/06/2015			2					
07/06/2015	1 Toad	1						
13/06/2015								
16/06/2015	Strim phase 1	1	1					
18/06/2015		2						
19/06/2015				1				
22/06/2015	1 Toad. reptiles in site access area = 0			1				
23/06/2015	reptiles in site access area = 0					1		
25/06/2015	reptiles in site access area = 0			1				

02/07/2015	reptiles in site access area = 0					1		
11/07/2015	reptiles in site access area = 0							
14/07/2015	Destructive of entrance area for site access (3 Toad)		1					
21/07/2015								
28/07/2015								
05/08/2015					1			
14/08/2015						1		
22/08/2015				1				
27/08/2015								
04/09/2015	Strim remaining habitat again							
10/09/2015								
11/09/2015								
16/09/2015	Destructive Search 8 Toad, 9 Common Frog							
17/09/2015	Destructive Search 6 Toad, 4 Common Frog			1				
18/09/2015	Destructive Search 3 Toad, 4 Common Frog							
12/10/2015	Final section of destructive, 3 Common Frog							
	Total = 37 Slow Worm	11	14	5	7	3	0	0