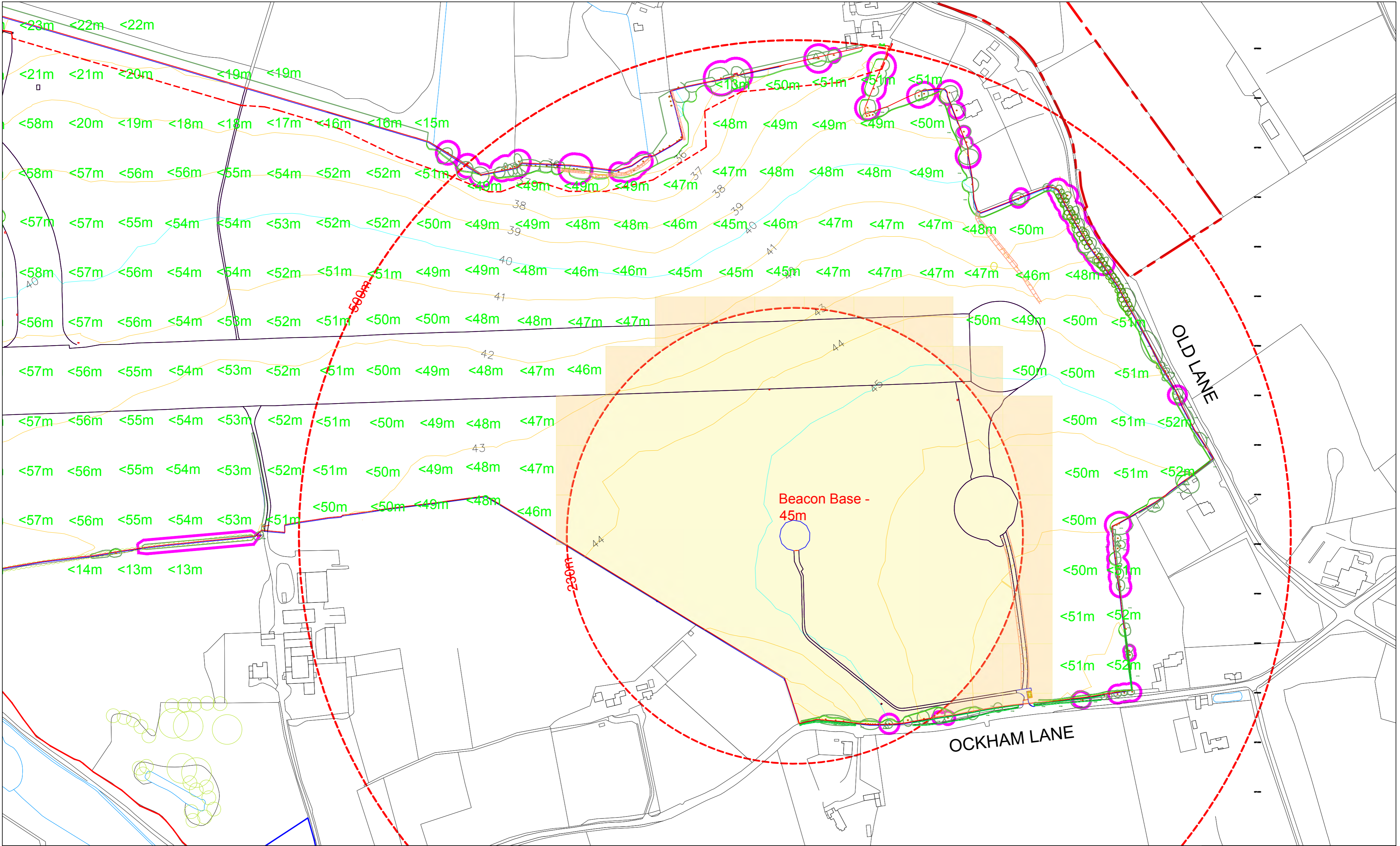
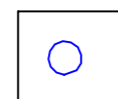



APPENDIX 3.1
PLANS FOR SUBMISSION





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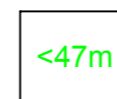
DAVIESLANDSCAPE
 ARCHITECTS
 Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, GL5 3AN
 t. 01453 760380 e. info@d-la.co.uk w. www.d-la.co.uk


 Existing Beacon

 Existing Contours

 230m Exclusion Zone

 500m NATS Buffer

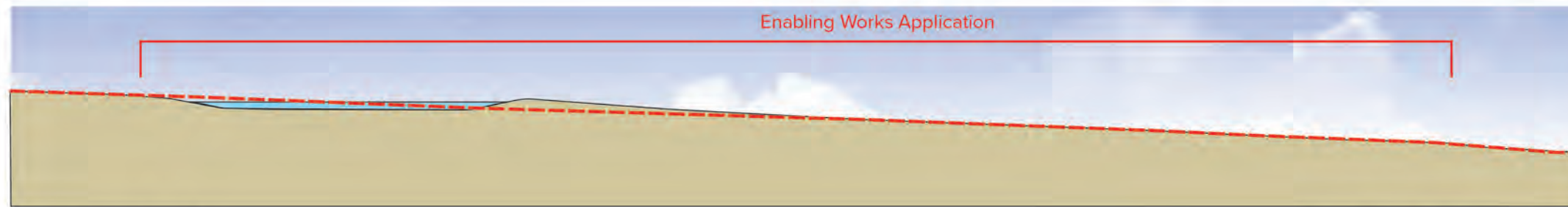
 Maximum Vegetation Heights - (Levels Above Ordnance Datum)

 Additional Vegetation Control Zone Beyond 230m - Max 2m High Agricultural Crop Only

Note: Max vegetation heights extrapolated from Cyrus Max Building Heights Drg - CL-4993-DRW-006, less 3m.

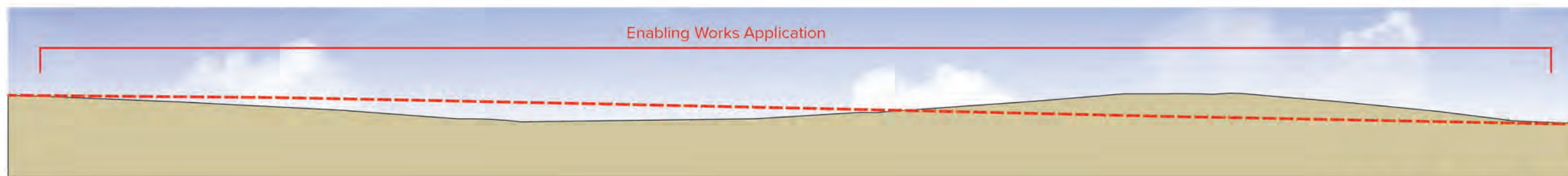
CLIENT : Taylor Wimpey	
PROJECT : Wisley Airfield	
DRAWING TITLE : Northern SANG Planting Heights (Yr 2021)	
DATE : 15-09-2020	SCALE : 1-2500@A2
JOB NO. : 1996	DRAWN BY : MD
DWG NO. : 1996.L02.P00.	REV : 00
<small>V:\Server\DATA\PROJECT FILES\1996 Wisley TW\Landscapes\Drawings\Sketch\DLA-1996.L02_Maximum Building Heights\1996.L02_Max Building Heights 2020.dwg</small>	

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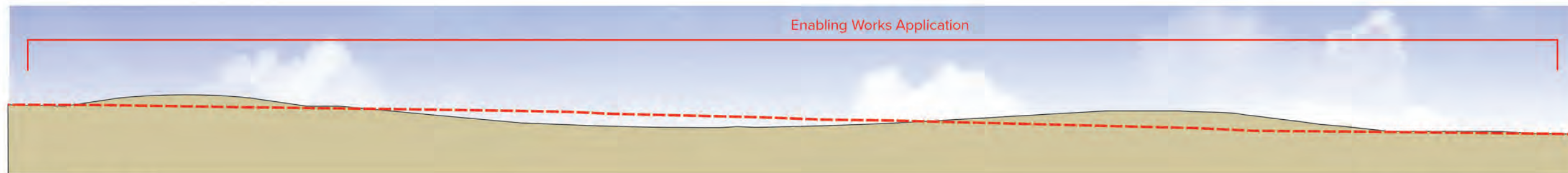
Section A-A1

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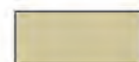



Section B-B1

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Section C-C1

-  Finished ground level
-  Existing ground level

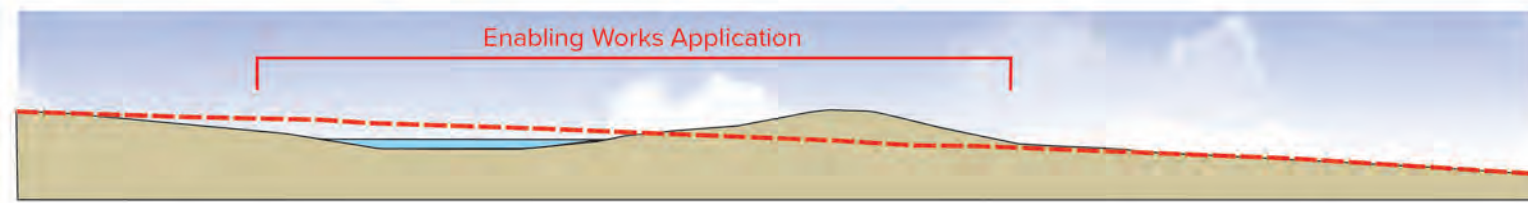
Section Location Plan
NTS



Client: 	PROJECT: Enabling Works at Former Wisley Airfield	
	DRAWING TITLE: Northern SANG Enabling Sections 1/2	
Produced by: 	DATE: Sep 2020	SCALE: NA
Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN	JOB NO: 1996	DRAWN BY: MDC
t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk	DWG NO: DLA.1996.L04	REV: P02

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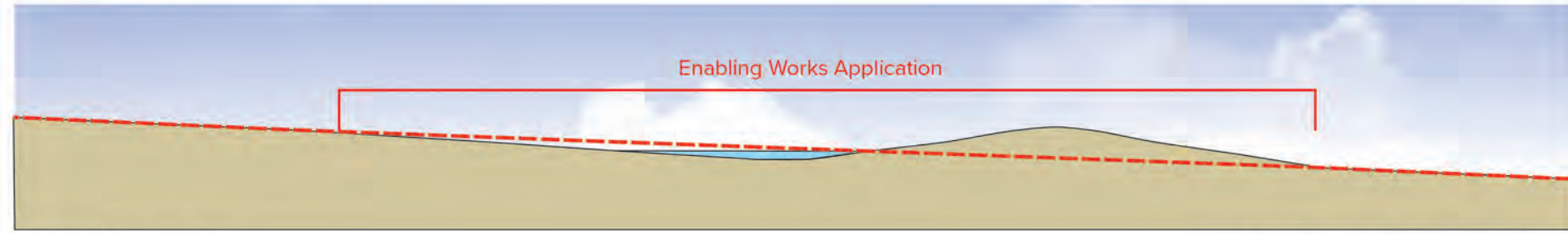
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Section D-D1



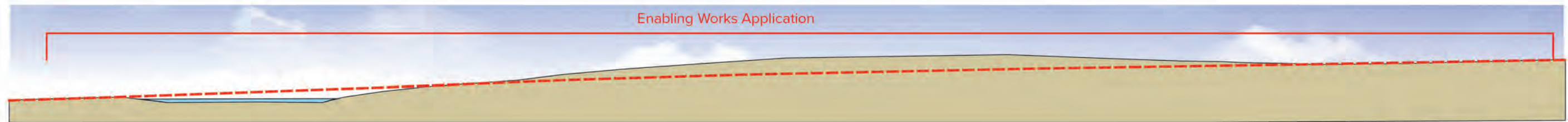
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Section E-E1



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Section F-F1



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Section G-G1



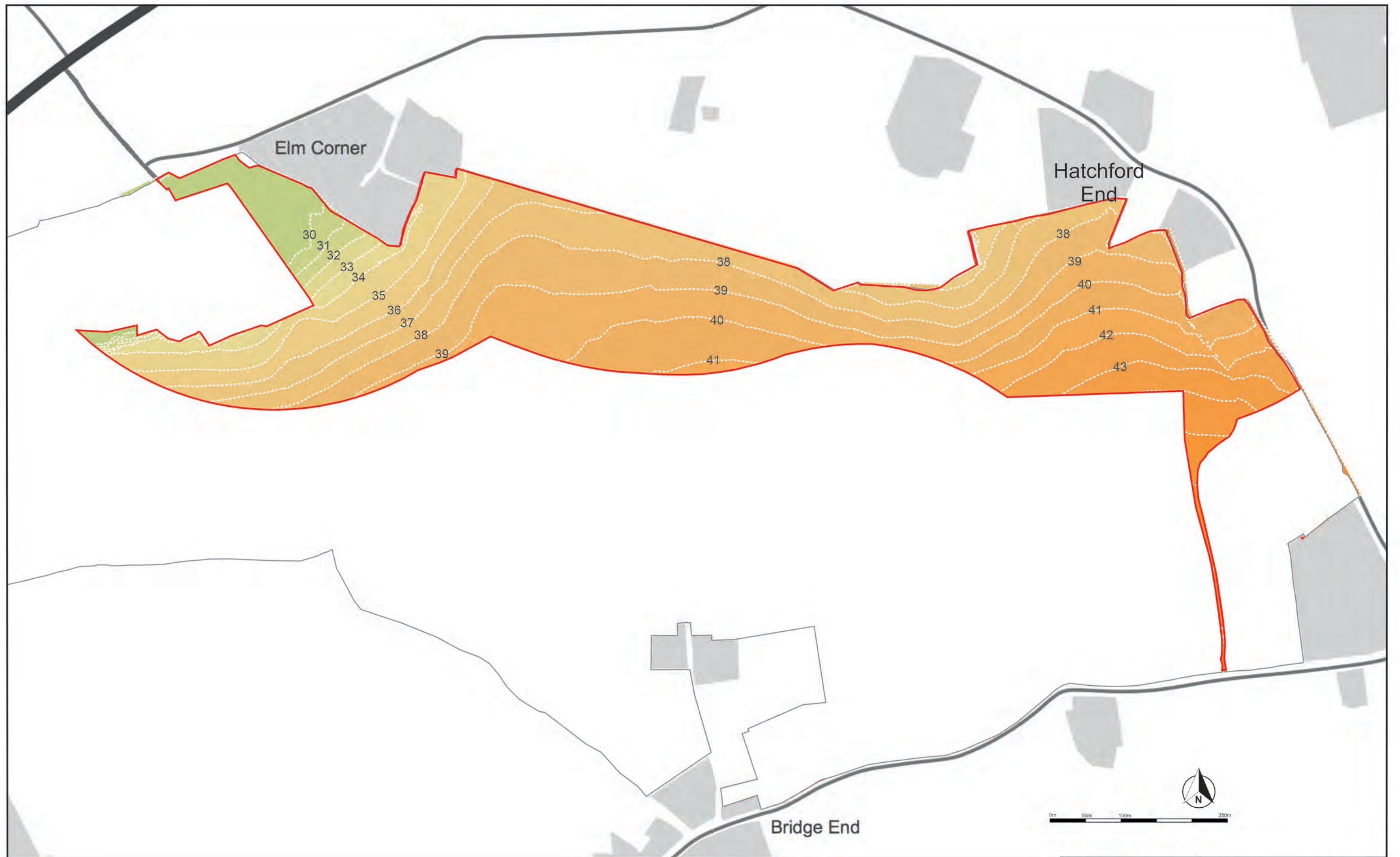
- Finished ground level
- Existing ground level

Section Location Plan
NTS




Client: 	PROJECT: Enabling Works at Former Wisley Airfield	
	DRAWING TITLE: Northern SANG Enabling Sections 2/2	
Produced by: 	DATE: Sep 2020	SCALE: NA
Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN	JOB NO: 1996	DRAWN BY: MDC
t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk	DWG NO: DLA.1996.L04	REV: P02

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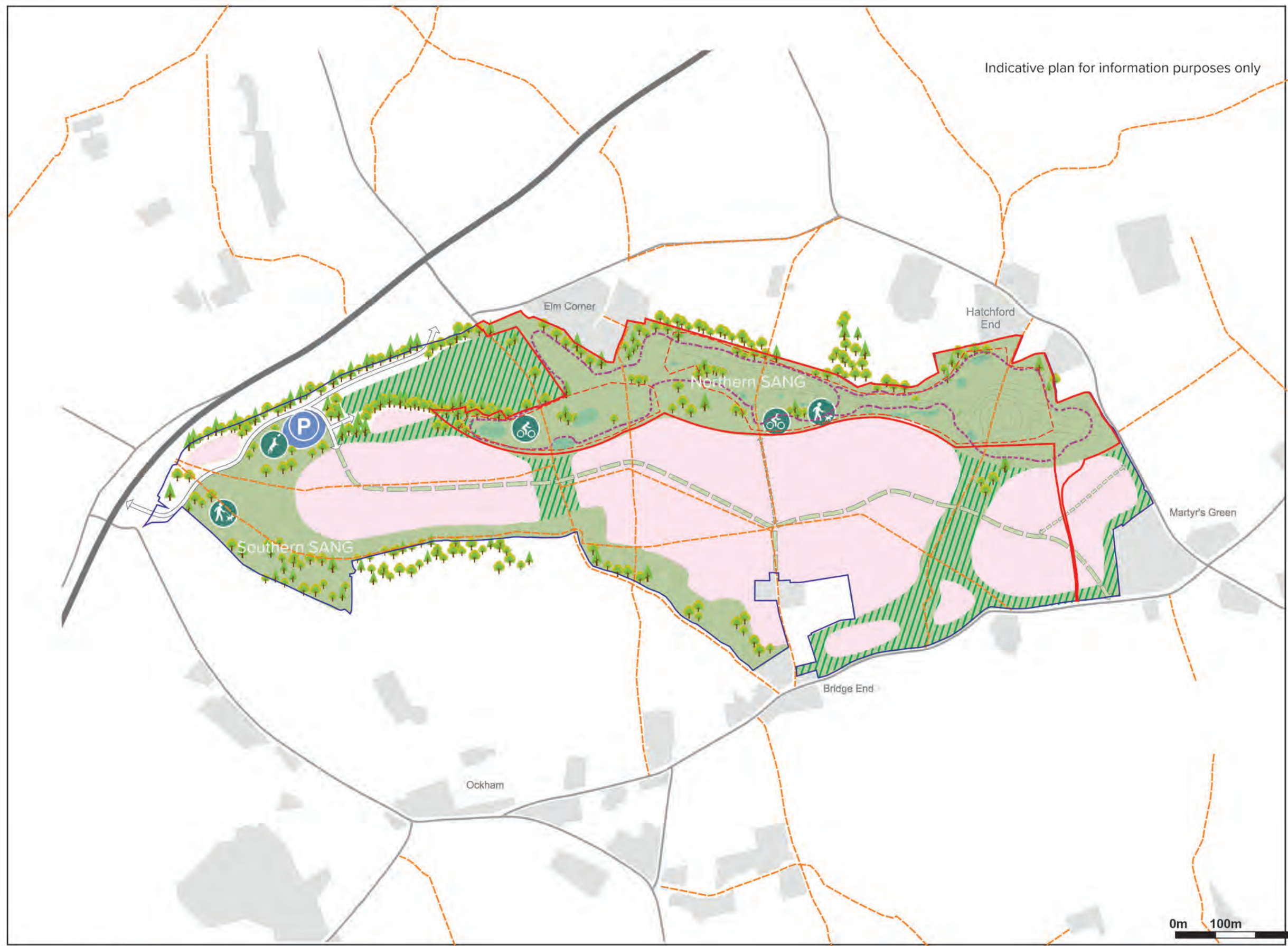
Key

 Application boundary



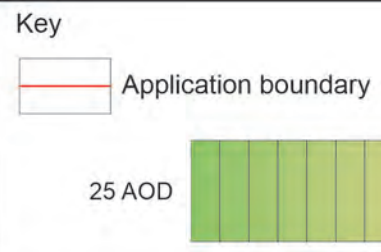
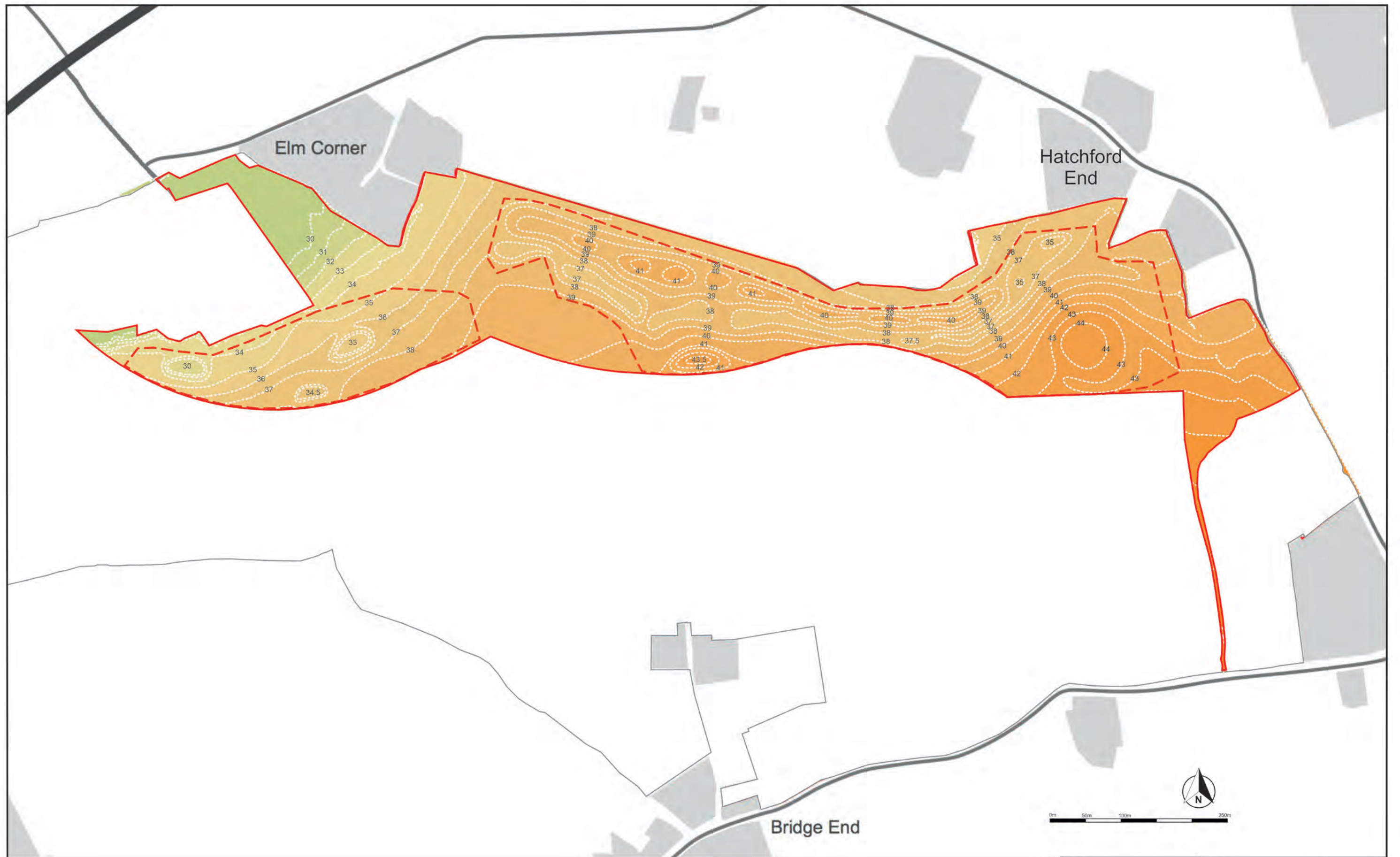
Client: Taylor Wimpey	PROJECT: Enabling Works at Former Wisley Airfield	
	DRAWING TITLE: Existing Topography Plan	
Produced by: DAVIESLANDSCAPE ARCHITECTS	DATE: Sep 2020	SCALE: 1:5000 @ A3
Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk	JOB NO: 1996	DRAWN BY: MDC
	DWG NO: DLA.1996.L11	REV: P06

Indicative plan for information purposes only



	Ownership boundary		SANG		Strategic access route
	Application boundary		Other open spaces		Green transport corridor
	Enabling works		SANG features		Mixed use residential development
	Existing PRoW		Dog exercise and training area		
	Variety of walks between 2.5km - 5km in length		SANG car park		

<p>Client:</p>	<p>PROJECT:</p> <p>Enabling Works at Former Wisley Airfield</p>	
	<p>DRAWING TITLE:</p> <p>Indicative Northern and Southern SANG Strategy</p>	
<p>Produced by:</p>	<p>DATE: Sep 2020</p>	<p>SCALE: 1:10,000 @ A3</p>
<p>Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN</p>	<p>JOB NO: 1996</p>	<p>DRAWN BY: NP</p>
<p>t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk</p>	<p>DWG NO: DLA.1996.L16</p>	<p>REV: P06</p>



Client: Taylor Wimpey	PROJECT: Enabling Works at Former Wisley Airfield	
	DRAWING TITLE: Enabling Works Earth Modelling	
Produced by: DAVIESLANDSCAPE ARCHITECTS	DATE: Sep 2020	SCALE: 1:5000 @ A3
Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk	JOB NO: 1996	DRAWN BY: MDC
	DWG NO: DLA.1996.L.20	REV: P04











Em2 – STANDARD GENERAL PURPOSE MEADOW MIXTURE
 Sow at: 40kg/ha 16kg/acre 4g/m²

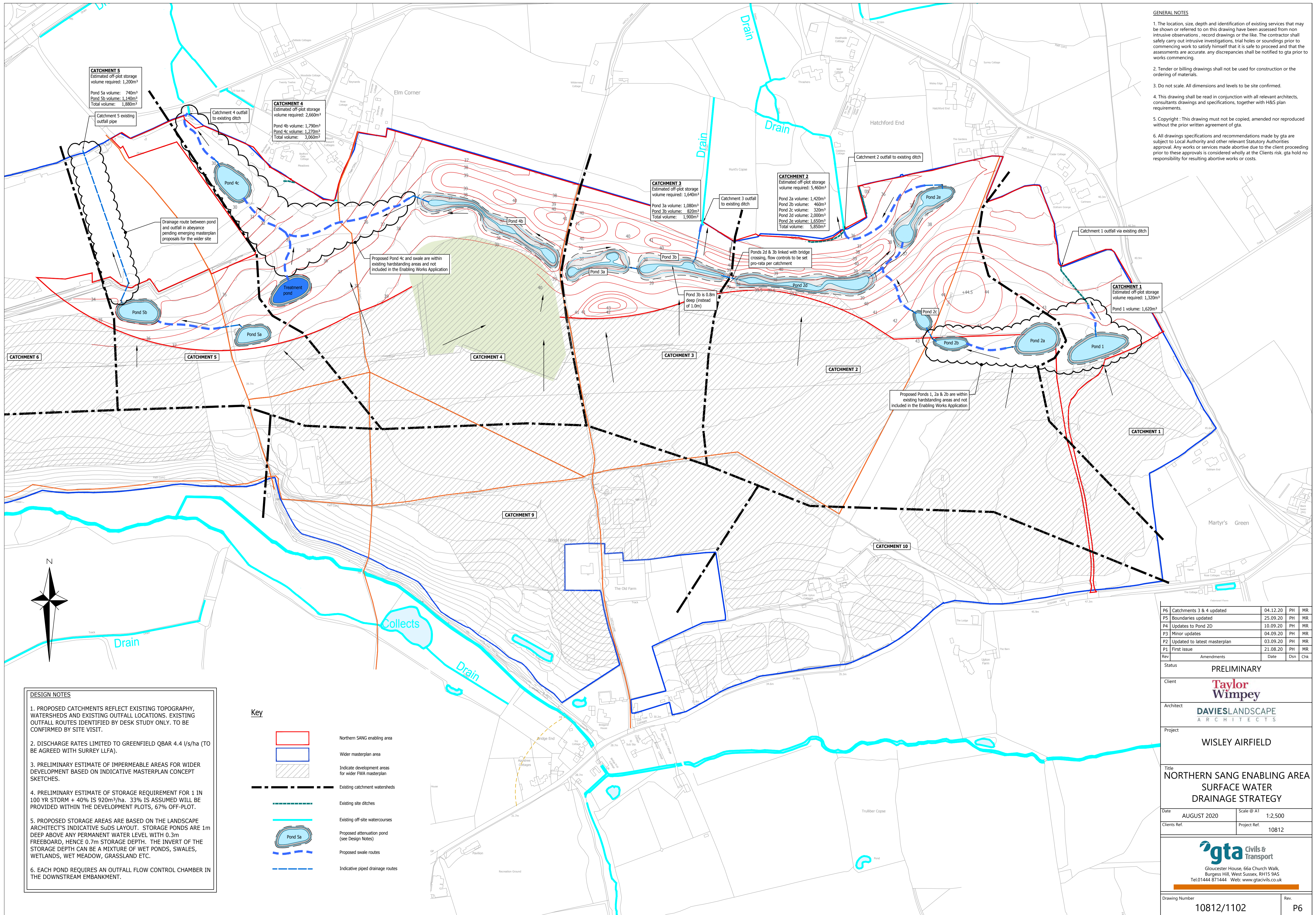
%	Latin Name	Common Name
20	WILDFLOWERS	
0.5	<i>Achillea millefolium</i>	Yarrow
1.6	<i>Centaurea nigra</i>	Common Knapweed
3	<i>Daucus carota</i>	Wild Carrot
3	<i>Galium verum</i>	Lady's Bedstraw
0.3	<i>Knautia arvensis</i>	Field Scabious
0.3	<i>Leontodon hispidus</i>	Rough Hawkbit

2.5	<i>Leucanthemum vulgare</i>	Oxeye Daisy - (Moon Daisy)
3	<i>Malva moschata</i>	Musk Mallow
0.8	<i>Plantago lanceolata</i>	Ribwort Plantain
1	<i>Poterium sanguisorba</i>	Salad Burnet
0.6	<i>Primula veris</i>	Cowslip
0.3	<i>Prunella vulgaris</i>	Selfheal
0.8	<i>Ranunculus acris</i>	Meadow Buttercup
1.2	<i>Rhinanthus minor</i>	Yellow Rattle
1.1	<i>Rumex acetosa</i>	Common Sorrel

80	GRASSES	
8	<i>Agrostis capillaris</i>	Common Bent
28	<i>Cynosurus cristatus</i>	Crested Dogtail
24	<i>Festuca rubra</i>	Slender-creeping Red-fescue
4	<i>Phleum bertolonii</i>	Smaller Cat's-tail
16	<i>Poa pratensis</i>	Smooth-stalked Meadow-grass

 Application boundary	 Wildflower and grass meadow mix - EM2	 Semi-improved neutral grassland
 Temporary arable plant reserves (onsite)	 Pond and SUDS drainage facilities	 Existing Scrub - bracken
 Existing trees		 Existing Scrub

Client:  Produced by:  Suite F1, Stroud House, Russell Street, Stroud, Gloucestershire, G13 5AN t: 01453 760380 e: info@d-la.co.uk w: www.d-la.co.uk	PROJECT: Enabling Works at Former Wisley Airfield	
	DRAWING TITLE: Soft Landscape Layout Plan	
DATE: Sep 2020	SCALE: 1:5000 @ A3	
JOB NO: 1996	DRAWN BY: NP	
DWG NO: DLA.1996.L21	REV: P05	



CATCHMENT 5
 Estimated off-plot storage volume required: 1,200m³
 Pond 5a volume: 740m³
 Pond 5b volume: 1,140m³
 Total volume: 1,880m³

CATCHMENT 4
 Estimated off-plot storage volume required: 2,660m³
 Pond 4b volume: 1,790m³
 Pond 4c volume: 1,270m³
 Total volume: 3,060m³

CATCHMENT 3
 Estimated off-plot storage volume required: 1,640m³
 Pond 3a volume: 1,080m³
 Pond 3b volume: 820m³
 Total volume: 1,900m³

CATCHMENT 2
 Estimated off-plot storage volume required: 5,460m³
 Pond 2a volume: 1,420m³
 Pond 2b volume: 460m³
 Pond 2c volume: 320m³
 Pond 2d volume: 2,000m³
 Pond 2e volume: 1,650m³
 Total volume: 5,850m³

CATCHMENT 1
 Estimated off-plot storage volume required: 1,320m³
 Pond 1 volume: 1,620m³

Catchment 5 existing outfall pipe

Catchment 4 outfall to existing ditch

Catchment 3 outfall to existing ditch

Catchment 2 outfall to existing ditch

Catchment 1 outfall via existing ditch

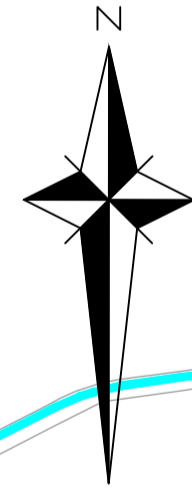
Drainage route between pond and outfall in abeyance pending emerging masterplan proposals for the wider site

Proposed Pond 4c and swale are within existing handstanding areas and not included in the Enabling Works Application

Ponds 2d & 3b linked with bridge crossing, flow controls to be set pro-rata per catchment

Pond 3b is 0.8m deep (instead of 1.0m)

Proposed Ponds 1, 2a & 2b are within existing handstanding areas and not included in the Enabling Works Application



DESIGN NOTES

1. PROPOSED CATCHMENTS REFLECT EXISTING TOPOGRAPHY, WATERSHEDS AND EXISTING OUTFALL LOCATIONS. EXISTING OUTFALL ROUTES IDENTIFIED BY DESK STUDY ONLY. TO BE CONFIRMED BY SITE VISIT.
2. DISCHARGE RATES LIMITED TO GREENFIELD QBAR 4.4 l/s/ha (TO BE AGREED WITH SURREY LLFA).
3. PRELIMINARY ESTIMATE OF IMPERMEABLE AREAS FOR WIDER DEVELOPMENT BASED ON INDICATIVE MASTERPLAN CONCEPT SKETCHES.
4. PRELIMINARY ESTIMATE OF STORAGE REQUIREMENT FOR 1 IN 100 YR STORM + 40% IS 920m³/ha. 33% IS ASSUMED WILL BE PROVIDED WITHIN THE DEVELOPMENT PLOTS, 67% OFF-PLOT.
5. PROPOSED STORAGE AREAS ARE BASED ON THE LANDSCAPE ARCHITECT'S INDICATIVE SuDS LAYOUT. STORAGE PONDS ARE 1m DEEP ABOVE ANY PERMANENT WATER LEVEL WITH 0.3m FREEBOARD, HENCE 0.7m STORAGE DEPTH. THE INVERT OF THE STORAGE DEPTH CAN BE A MIXTURE OF WET PONDS, SWALES, WET MEADOW, GRASSLAND ETC.
6. EACH POND REQUIRES AN OUTFALL FLOW CONTROL CHAMBER IN THE DOWNSTREAM EMBANKMENT.

- Key**
- Northern SANG enabling area
 - Wider masterplan area
 - Indicate development areas for wider FWA masterplan
 - Existing catchment watersheds
 - Existing site ditches
 - Existing off-site watercourses
 - Proposed attenuation pond (see Design Notes)
 - Proposed swale routes
 - Indicative piped drainage routes

- GENERAL NOTES**
1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the file. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
 2. Tender or billing drawings shall not be used for construction or the ordering of materials.
 3. Do not scale. All dimensions and levels to be site confirmed.
 4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
 5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
 6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk. gta hold no responsibility for resulting abortive works or costs.

P6	Catchments 3 & 4 updated	04.12.20	PH	MR
P5	Boundaries updated	25.09.20	PH	MR
P4	Updates to Pond 2D	10.09.20	PH	MR
P3	Minor updates	04.09.20	PH	MR
P2	Updated to latest masterplan	03.09.20	PH	MR
P1	First issue	21.08.20	PH	MR
Rev	Amendments	Date	Dsn	Chk

Status **PRELIMINARY**

Client **Taylor Wimpey**
 Architect **DAVIESLANDSCAPE ARCHITECTS**

Project **WISLEY AIRFIELD**

Title **NORTHERN SANG ENABLING AREA SURFACE WATER DRAINAGE STRATEGY**

Date **AUGUST 2020** Scale @ A1 **1:2,500**

Client Ref **10812** Project Ref **10812**

gta Civils & Transport
 Gloucester House, 66a Church Walk, Burgess Hill, West Sussex, RH15 9AS
 Tel: 01444 871444 Web: www.gtacivils.co.uk

Drawing Number **10812/1102** Rev. **P6**

**10812 Former Wisley Airfield
Storage Strategy**

V2 - 03.12.2020

Storage requirement per impermeable hectare (m ³)	% storage provided on-plot	% storage provided off-plot
920	33%	67%

Catchment	Development parcel area (ha)	Impermeable coverage	Impermeable area (ha)	Transport corridor length* (m)	Area @15m width (ha)	Total impermeable area (ha)	Storage requirement (m ³)	On-plot storage (m ³)	Off-plot storage (m ³)
1	3.08	65%	2.00	20	0.03	2.03	1,869	617	1,253
2	12.72	65%	8.27	99	0.15	8.42	7,743	2,555	5,188
3	4.09	65%	2.66	0	0.00	2.66	2,446	807	1,639
4	6.62	65%	4.30	0	0.00	4.30	3,959	1,306	2,652
5	2.56	65%	1.66	115	0.17	1.84	1,690	558	1,132
6	3.50	65%	2.28	0	0.00	2.28	2,093	691	1,402
7	2.03	65%	1.32	123	0.18	1.50	1,384	457	927
8	5.28	65%	3.43	0	0.00	3.43	3,157	1,042	2,115
9	11.41	65%	7.42	0	0.00	7.42	6,823	2,252	4,572
10	6.32	65%	4.11	0	0.00	4.11	3,779	1,247	2,532
TOTAL	57.61		37.45	357	0.54	37.98	34,943	11,531	23,412

Catchments 1-5 drain through Enabling Works area
Catchments 6-10 do not affect Enabling Works area

* outside of development parcels