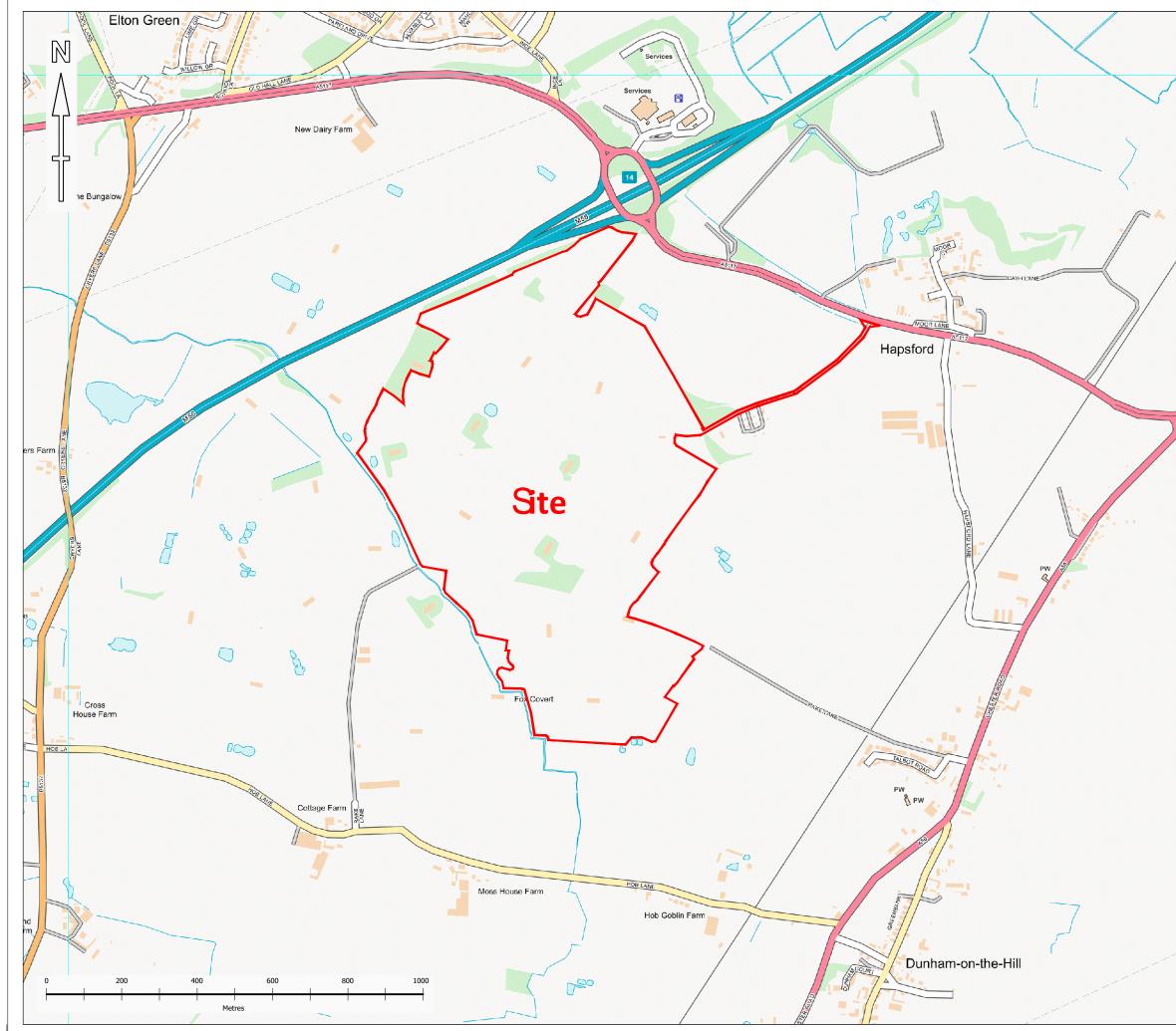
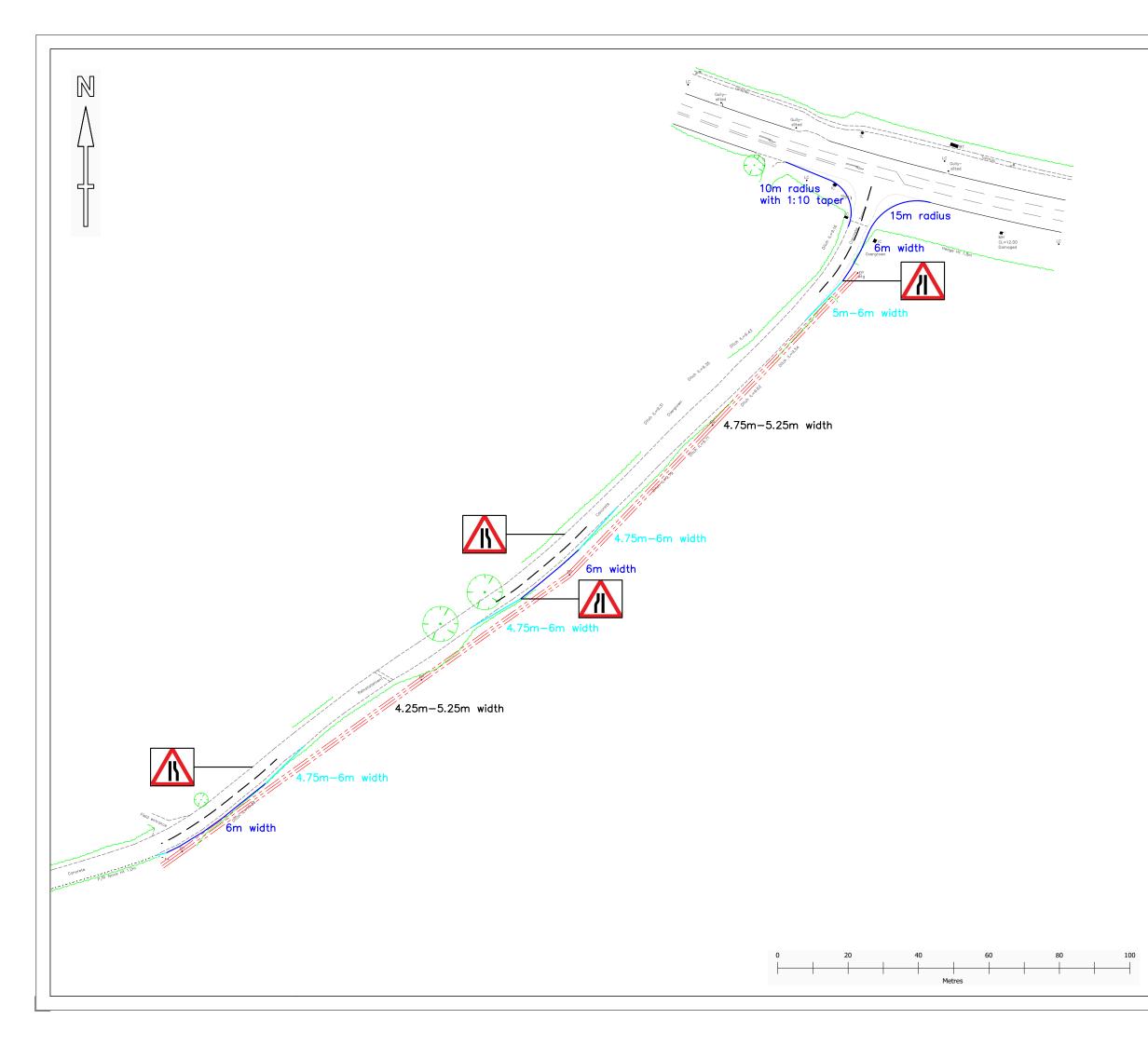


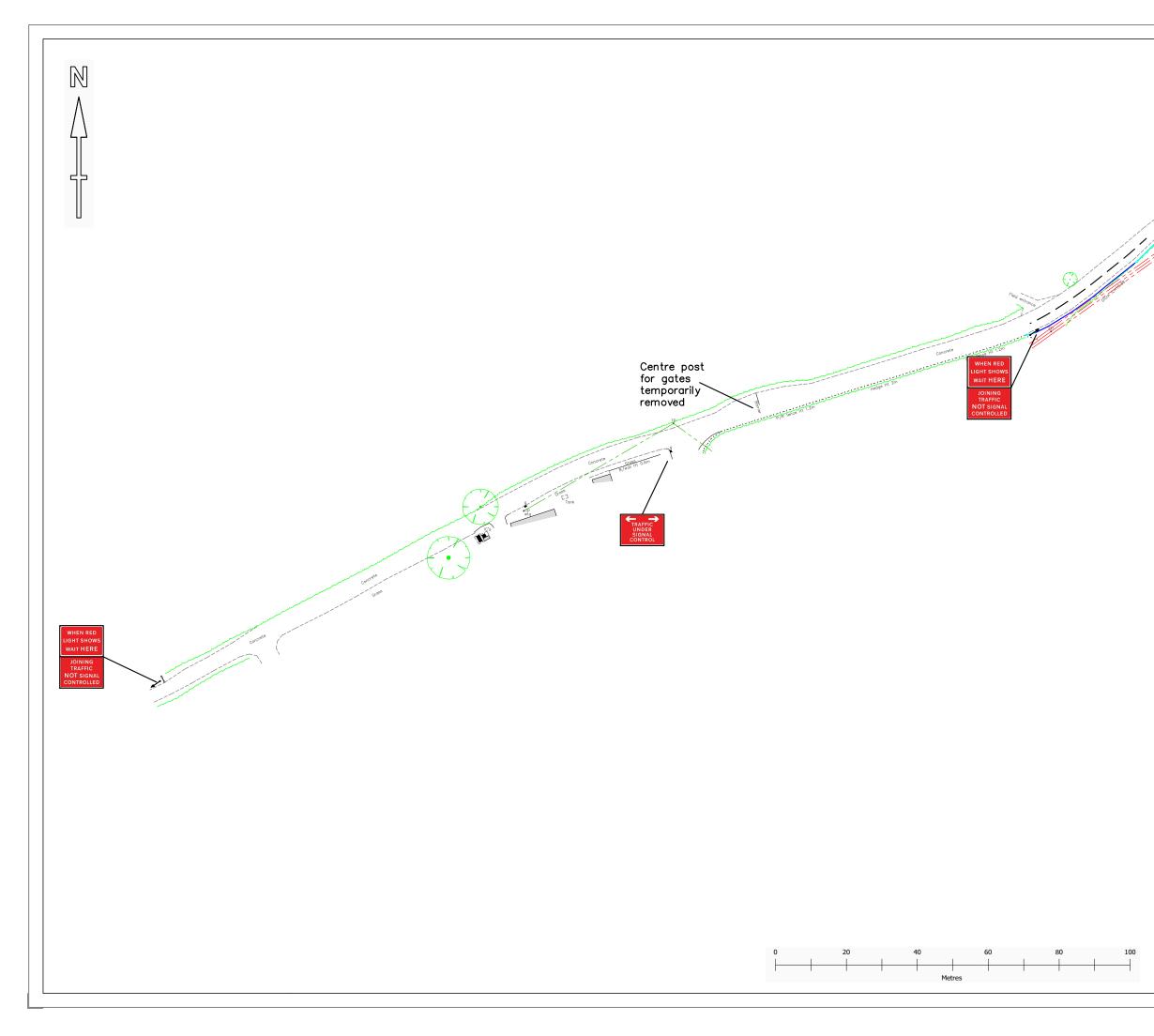
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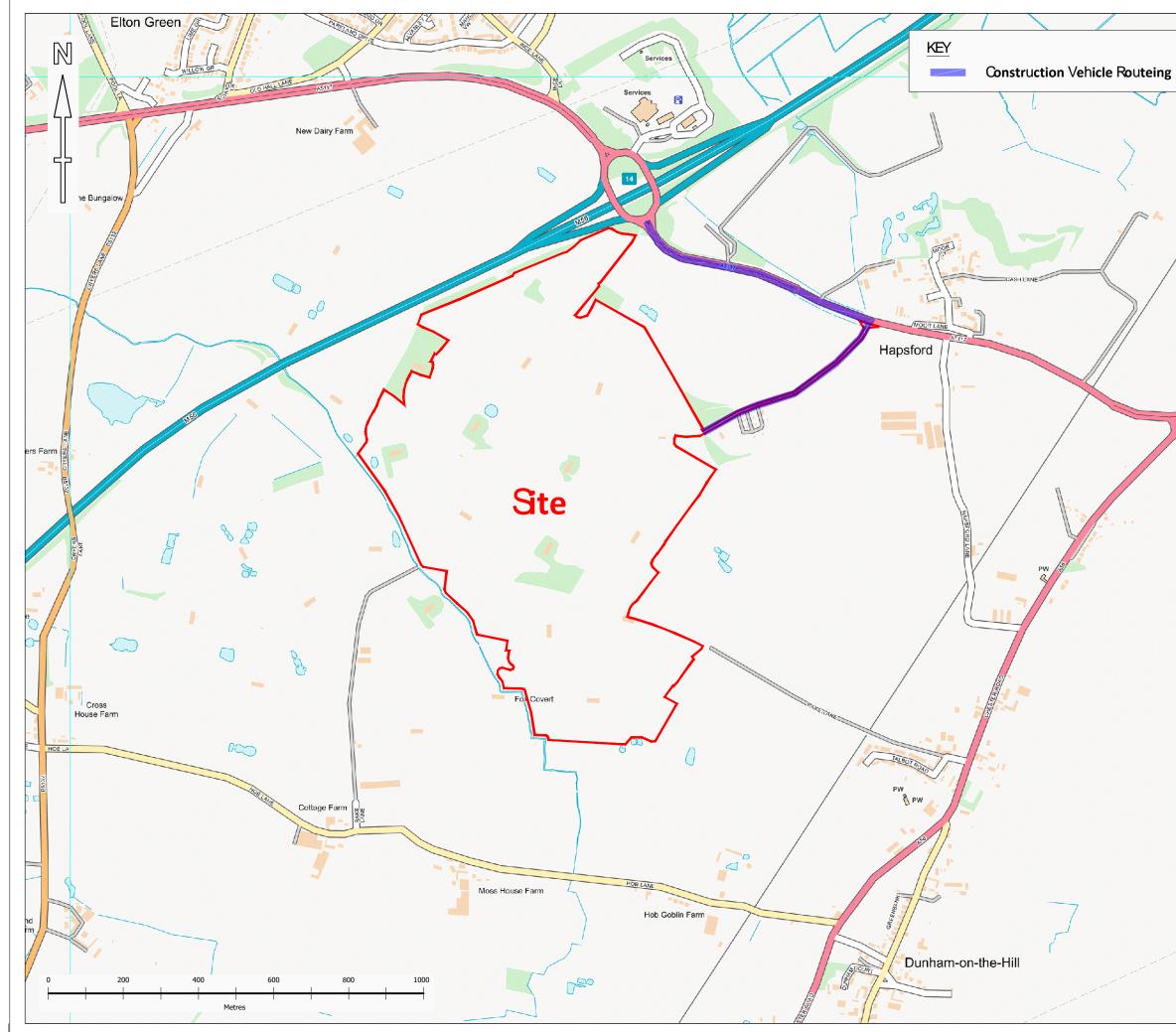
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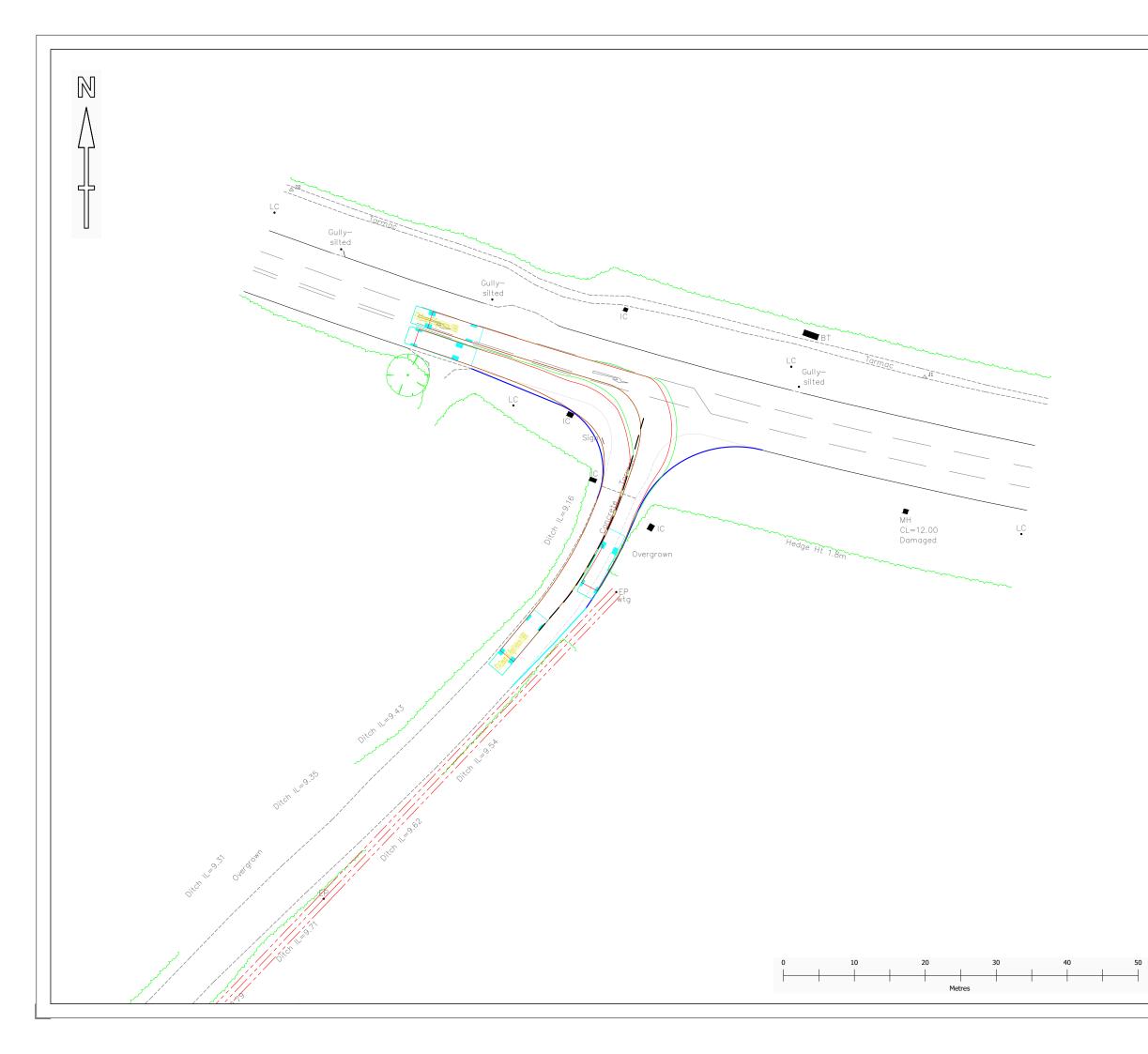
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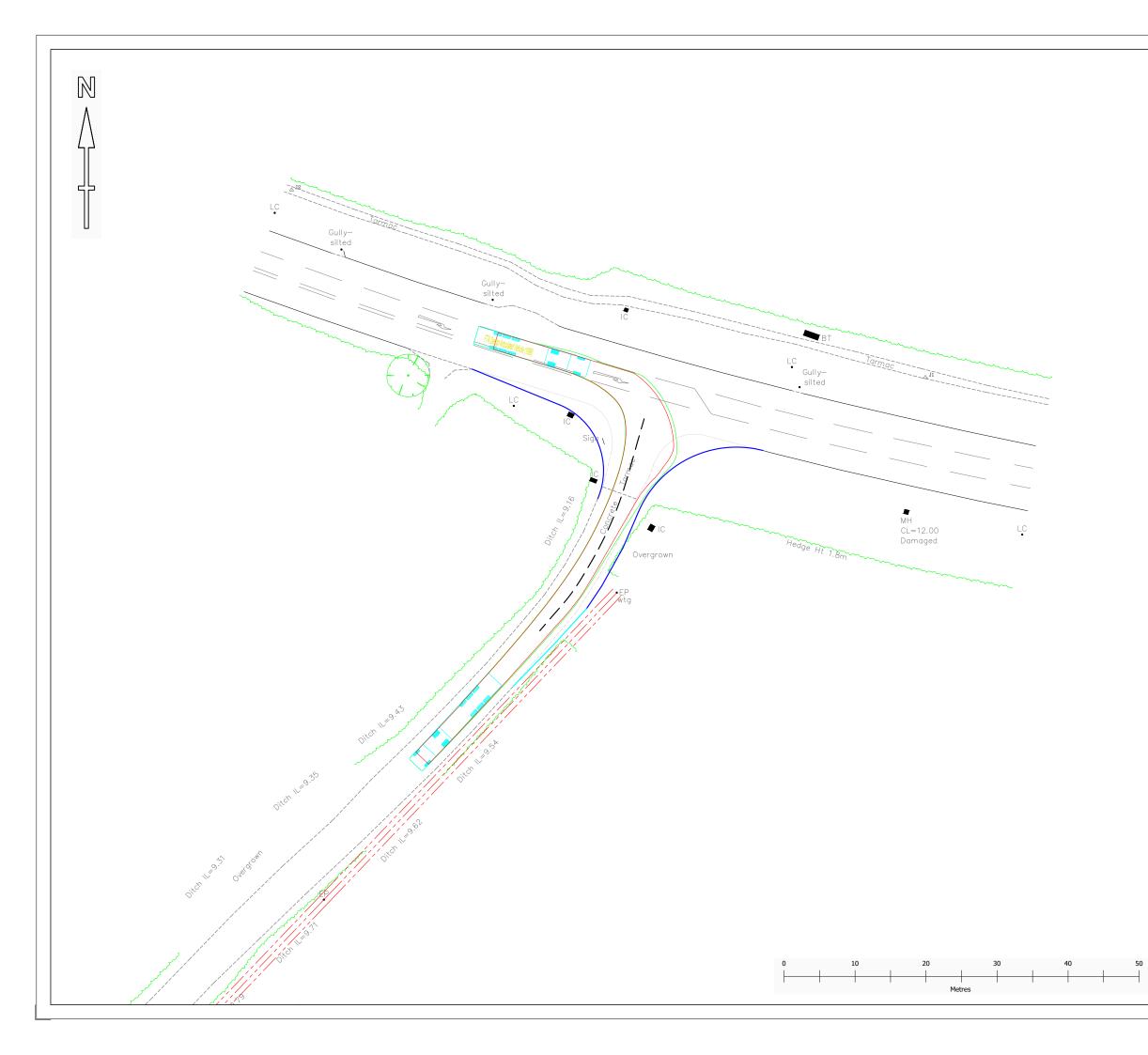
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A	Revised widening	SJE	27/02/2
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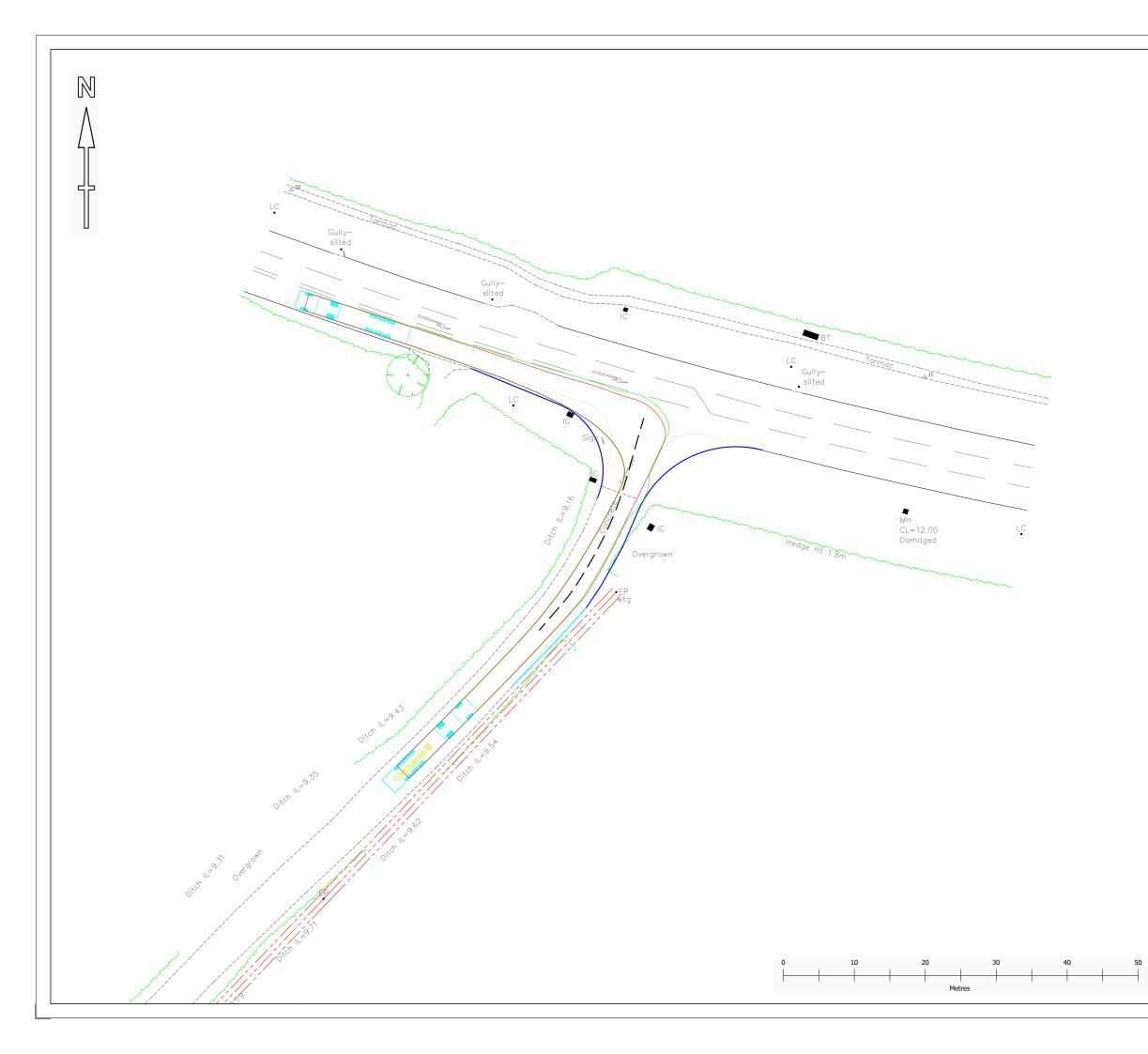
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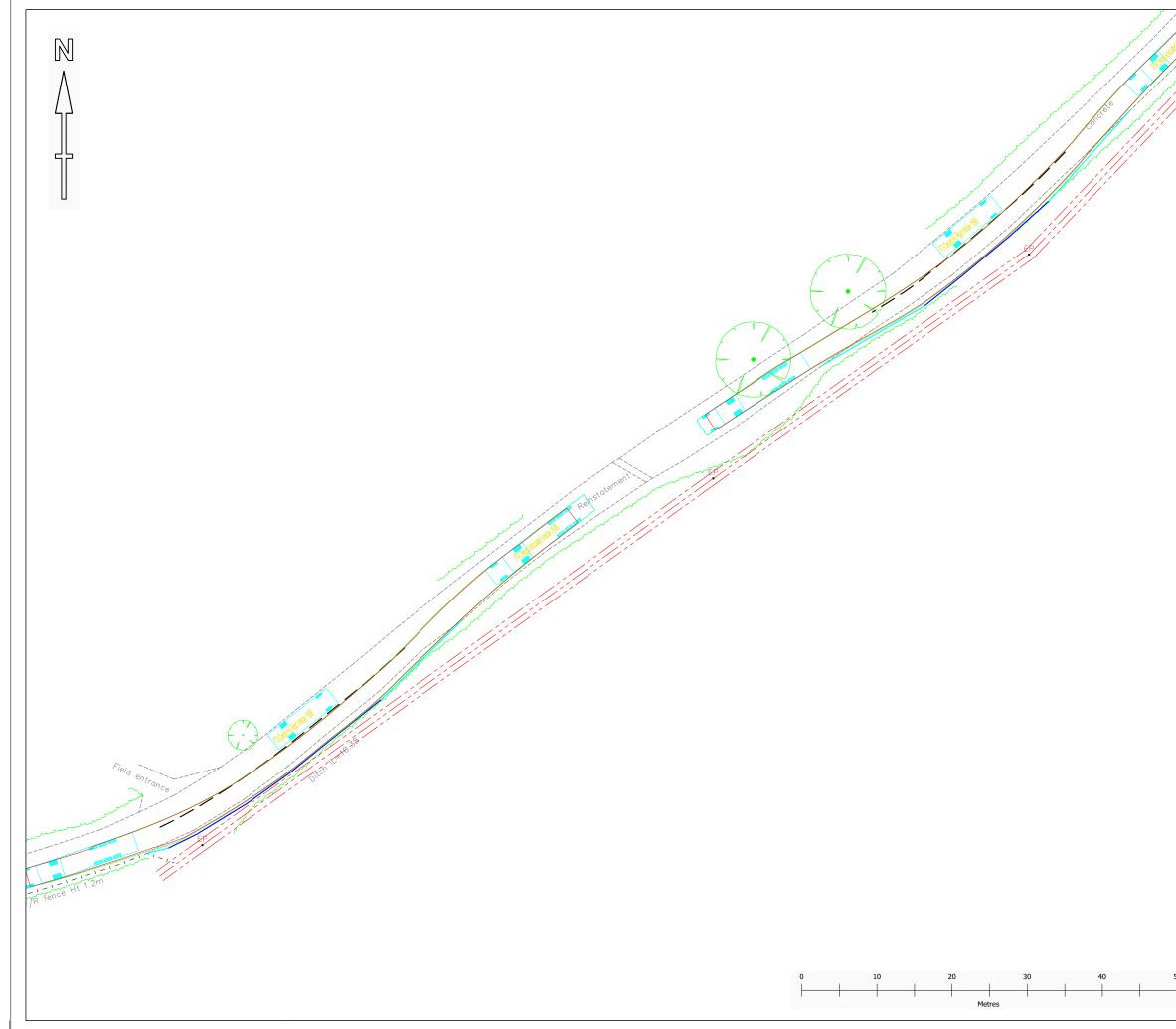
	TA Design HG Rigid Vehicle (1998) Overall Length Overall Body Height Min Body Ground Clearance Track Width Cock-to-lock time Courb to Curb Turning Radius	10.000m 2.500m 3.645m 0.440m 2.470m 3.00s 11.000m
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client	a@beacontransportplanning.co.uk   www.bea	contransportplanning.co.uk
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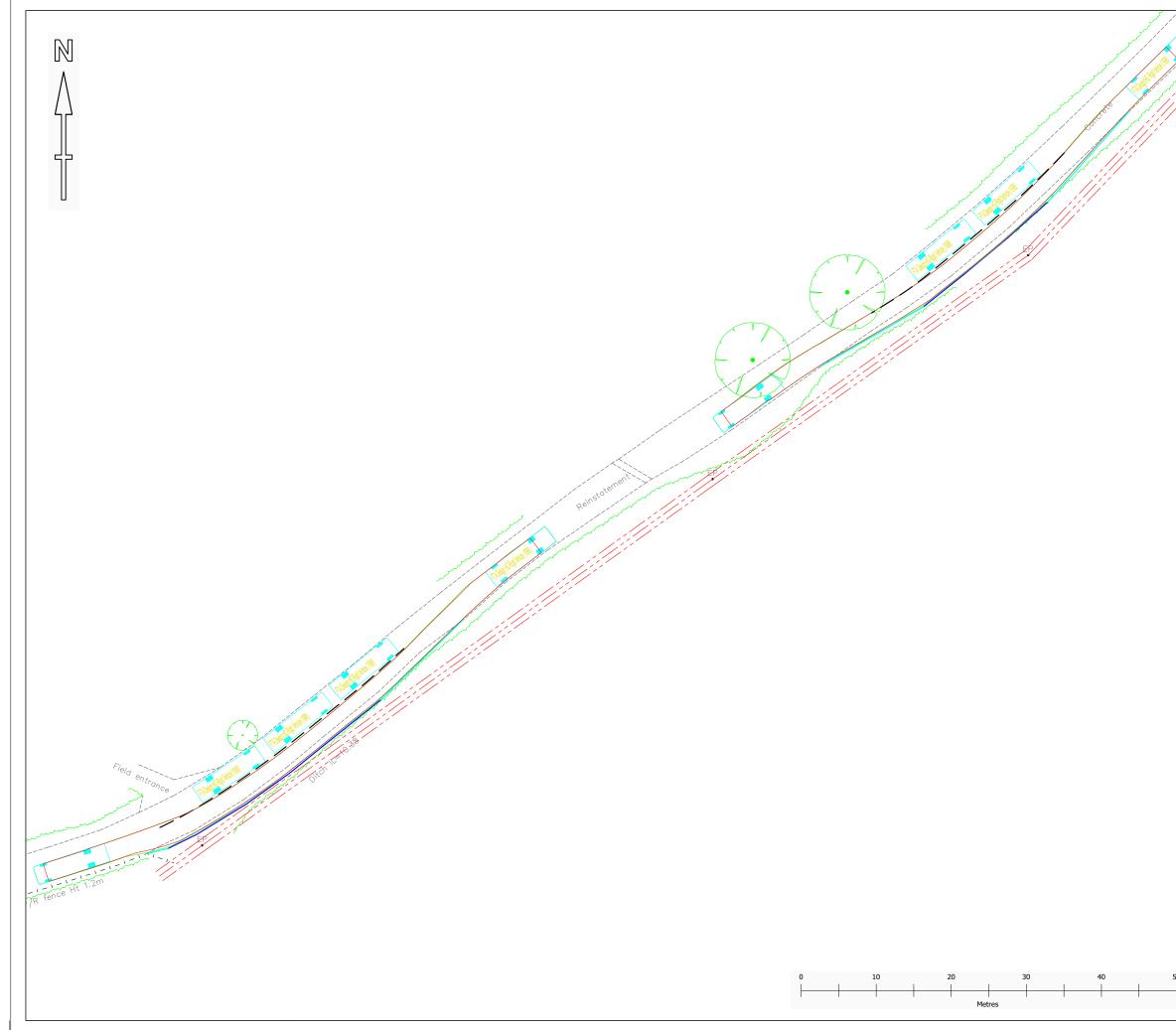
	FTA Desig	n Articulated Vehicle	(1998)	2.87	
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FTA Design Articulated Vehicle (1998 Overall Length Overall Body Height Min Body Ground Clearance Max Track Width Lock-to-lock time Curb to Curb Turning Radius	3.8	50m 70m 15m 20m 0s 50m
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Beacon Transport Planning LLP 1a Cedar Avenue, Malvern, Worcestershire WR14 info@beacontransportplanning.co.uk   www.bea	4 25G	
client Belltown Power UK Limited		
project Hob Lane Solar Farm		
drawn by SJE date 2	26/03/2025	
scale @ A3 1:500		
title Vehicle Tracking for Design A A5117 / Common Lane Juncti Single Directional Movements	ion	



	13.61 6.6 13.61 0.6 0.6 0.0 0.0 0.0 0.0 0.0 0.0
	FTA Design Articulated Vehicle (1998)Overall Length16.480mOverall Width2.550mOverall Body Height3.870mMin Body Ground Clearance0.515mMax Track Width2.470mLock-to-lock time3.00sCurb to Curb Turning Radius6.550m
	rev. amendment by date
	Beacon Transport Planning LLP 1a Cedar Avenue, Malvern, Worcestershire WR14 25G info@beacontransportplanning.co.uk   www.beacontransportplanning.co.uk
	client Belltown Power UK Limited project Hob Lane Solar Farm
	drawn by SJE date 26/03/2025
	scale @ A3 1:500 title Vehicle Tracking for Design Articulated HGV
50	Common Lane Passing Places Two-Way Movements drawing number BTP-2503-10



	FTA Design HG Rigid Vehicle (1998) Overall Length Overall Width Overall Width Overall Width Design HG Rigid Vehicle (1998) Overall Width Lock-to-lock time Curb to Curb Turning Radius	10.00 2.500 3.645 0.440 2.470 3.00s 11.00	m
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50	Hob Lane Solar Farm drawn by SJE date 26/ scale @ A3 1:500 title Vehicle Tracking for Design Rig Common Lane Passing Places Two-Way Movements drawing number BTP-2503-09	/03/2025 id HGV	rev.

## Hob Lane Solar Farm

## Assumed Programme of Works for Traffic Forecasting

Task	Deliveries	Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Widening works to Common Lane & exit from main site	9	2	5	5																																		
Formation of internal site tracks	536	9			60	60	60	60	60	60	60	60	60																									
Erection of permiter security fencing	37	8												5	5	5	5	5	5	5	5																	
Foundation pad for substation	25	1												25																								
Foundation pads for power stations	17	2													9	9																						
Materials & components for substation	10	2												_			5	5																				
Transformers, inverters & switchgear for powers stations	42	3																	14	14	14																	
Palisade fencing around substation & transformers	6	3																	2	2	2																	
Frame tables	249	17																				15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
PV modules	222	15																						15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Weekday Vehicle Movements																																						
Total deliveries per week			5	5	60	60	60	60	60	60	60	60	60	30	13	13	10	10	21	21	21	15	15	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Average deliveries per weekday			1	1	12	12	12	12	12	12	12	12	12	6	3	3	2	2	4	4	4	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Average two-way HGV movements per weekday			2	2	24	24	24	24	24	24	24	24	24	12	5	5	4	4	8	8	8	6	6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Assumed two-way construction staff movements			10	10	12	12	12	12	12	12	12	12	12	16	20	20	20	20	20	20	20	24	24	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Total two-way traffic movements per weekday			12	12	36	36	36	36	36	36	36	36	36	28	25	25	24	24	28	28	28	30	30	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
AADT Vehicle Movements																																						
Total deliveries per week			5	5	60	60	60	60	60	60	60	60	60	30	13	13	10	10	21	21	21	15	15	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Average deliveries per day			1	1	9	9	9	9	9	9	9	9	9	4	2	2	1	1	3	3	3	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Average two-way HGV movements per day			1	1	17	17	17	17	17	17	17	17	17	9	4	4	3	3	6	6	6	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Assumed two-way construction staff movements			9	9	10	10	10	10	10	10	10	10	10	14	17	17	17	17	17	17	17	21	21	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
Total two-way traffic movements per day			10	10	27	27	27	27	27	27	27	27	27	22	21	21	20	20	23	23	23	25	25	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43