

[illegible]

	BUILDING		GATE
	CONTOUR		HEDGE/VEGETATION/TREE CANOPY
	BANKING		SPOT LEVEL
	FENCE & DESCRIPTION		SURVEY STATION WITH LEVEL
			SAPLING
			TREE (INDICATIVE ONLY)

W	Sorted wire	Mo	Mesh
P	Chestnut Paling	BR	Iron Railing
D	Close Boarded	PWR	Post and Rails
	Corrugated Iron	PIW	Post and rail
L	Chain Link	POC	POST and CHAIN
Pa	Cable Barrier	PSBw	POST and BARBED WIRE
La	Concrete Panel	S/S	STEEL SECURITY
L	Electric	WWM	WIRE MESH
D	Hoarding		

[illegible]

NO ALLOWANCE HAS BEEN MADE FOR SUB SURFACE ENTRY INTO MANHOLES OR OTHER CHAMBERS OF VOIDS BELOW SURFACE LEVEL. THEREFORE ANY DETAILS OF FOUNDATIONS, EMBANKMENTS, ETC. ARE TO BE CONSIDERED AS SUCH WILL BE APPROPRIATE ONLY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFY ALL CRITICAL DIMENSIONS AND LEVELS BEFORE WORK STARTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASKING ROUTES AND WILL NORMALLY BE OF UNKNOWN CONDITION. CONTRACTORS SHOULD UNDERTAKE NECESSARY INVESTIGATION TO DETERMINE THE EXISTING CONDITIONS DURING EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE EXISTING ROUTES. SAFE DIGGING PRACTICES SHOULD BE FOLLOWED.

THE CONTRACTOR SHALL BE IN ANY CONFLICT BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND THE DETAILS INDICATED ON THE EXISTING DRAWING. THE DETAILS INDICATED ON THIS DRAWING SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.

IF IT IS REQUIRED TO EXCAVATE DEEPER THAN THAT IMPLIED BY THE PLOTTING CASE ARE EQUALLY APPLICABLE TO DIGITAL DATA SUPPLIED FOR CAD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FEATURES INDICATED ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FEATURES INDICATED ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FEATURES INDICATED ON THIS DRAWING.

HOWEVER, IT SHOULD BE BORNE IN MIND THAT THERE MAY BE ITEMS OCCURRED IN THE PAST WHICH ARE NOT SHOWN ON THIS DRAWING.

USURF FEATURES IN THE VICINITY OF THE BOUNDARIES, AS SHOWN ON THIS DRAWING, DO NOT REPRESENT THE EXTENT OF LEGALLY CONVEYED RIGHTS OR INTERESTS. SPOILED OR REMOVED MATERIALS, GRAVING, ETC. INDICATIONS ARE INDICATIVE ONLY. SUCH AS: ROAD MARKINGS, HEDGE BOUNDARIES, BRICK WALLING AND GRADING ETC.

DATE	DESCRIPTION	DRAWN	CHECKED
12 Waterside Way, Bedford Road.			

Client : INTEGRUM RENEWABLE ENERGY
Project : FENDYKE FARM, SUTTON ST
JAMES

Drawn by: JH Surveyed by: JH
Checked by: M.J Dwg no: I0074609-23-02 Issue 01



A scale bar with a black background and white markings. It is labeled '0' at the left end and '50 Metres' at the right end. There are four equal segments between the two labels.

SURVEY CONTROL DETAILS

1. **HORIZONTAL GRID**

The survey is oriented to Ordnance Survey Grid North and is surveyed to a plane grid. All horizontal measurements and dimensions taken from this survey will be **GROUND** distance.

If required, full Ordnance Survey co-ordinates can be calculated by scaling the survey about the site centre.

Local Scale Factor = 1.0

This is derived using Trimble Business Center software Local Site Settings calculations. The control has been established by tying into the active Ordnance Survey control as follows:

The co-ordinate system used for the primary control is to OSGB36, this has been calculated from ETRS89 using the OSTN03 transformation parameters.

For this particular project, the Trimble RSX NOW network has been used with observations taken on the following dates: 23/09/2022

Manufacturers quoted accuracy is typically: 10 – 20 mm in plan and 20 – 30 mm in height. These values can however fluctuate depending upon site of day, satellite geometry and other conditions that could cause degradation to the final solutions; for solvent control and wherever possible permanent and physical, it is recommended to open up with good satellite geometry so as to maintain the highest accuracy possible. Accuracy reports can be supplied if required, but observations accuracy is not required.

Mean sea level corrections (MSL).

Altitudes for the control have been calculated from GPS derived heights and converted to Orthometric heights (Ordnance Datum Newlyn - ODN) using OGGM15 transformation parameters.

3. This drawing is to be read in conjunction with all other relevant drawings :
4. Check scale bar and grid before taking non-figured dimensions from this drawing.
5. If there is any doubt please the Contact Carler Jonas measured surveys team.
6. Ordnance Survey data where used is reproduced from the Ordnance Survey Map with permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright and Database right 2009. All rights reserved.

	BUILDING		GATE
	CONTOUR		HEDGE/VEGETATION/TREE CANOPY
	BANKING		SPOT LEVEL
	FENCE & DESCRIPTION		SURVEY STATION WITH LEVEL
			SAMPLING
			TREE (INDICATIVE ONLY)

R/W	Sorted wire	HS	Heza
CP	Chestnut Palling	HR	Iron Rolling
CB	Cloze Boarded	P/W	Post and Wale
C1	Corrugated Iron	PIR	Post and rail
CL	Chain Link	P/C	POST and CHAIN
Cb	Cash Barrier	PIWB	POST and BARBED WIRE
CPa	Concrete Panel	S/S	STEEL SECURITY
E/L	Electric	WM	WIRE MESH
HD	Hoarding		

[illegible]

NOT TO SCALE

[illegible]

DATE	DESCRIPTION			DRAWN	CHECK

12 Waterside Way, Bedford Road,
Northampton, NN4 7SD
Tel: 01602 603200
Email: enquiries@carterjonas.co.uk
www.carterjonas.co.uk

Carter Jonas

Client : INTEGRUM RENEWABLE ENERGY

Project : FENDYKE FARM, SUTTON ST JAMES

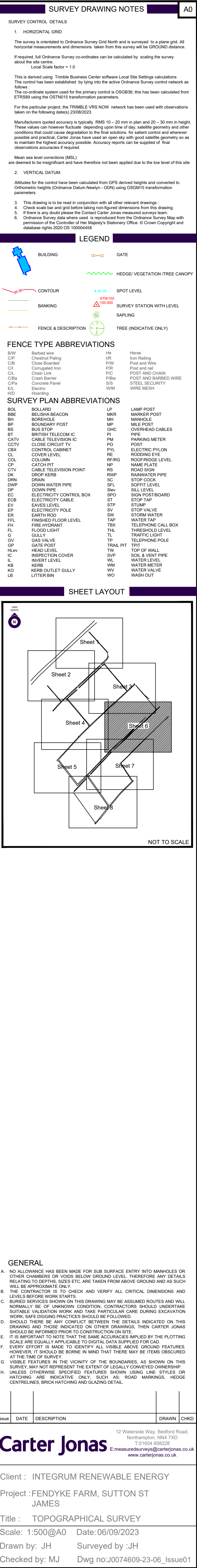
Title : TOPOGRAPHICAL SURVEY

Scale : 1:500@A0 Date: 06/09/2023

Drawn by: JH Surveyed by: JH

Checked by: MJ Dwg no: J0074609-23-03_Issue01

[illegible][illegible][illegible]



SURVEY CONTROL - DETAILS

1. HORIZONTAL CONTROL

The survey is intended to enhance Survey data (Point) and is surveyed to a single AD. All horizontal measurements and observations taken from the survey are considered OBSERVATIONS.

The survey is intended to enhance Survey coordinates can be calculated by scaling the survey amount by the AD value.

Horizontal Scale Factor = 1.0

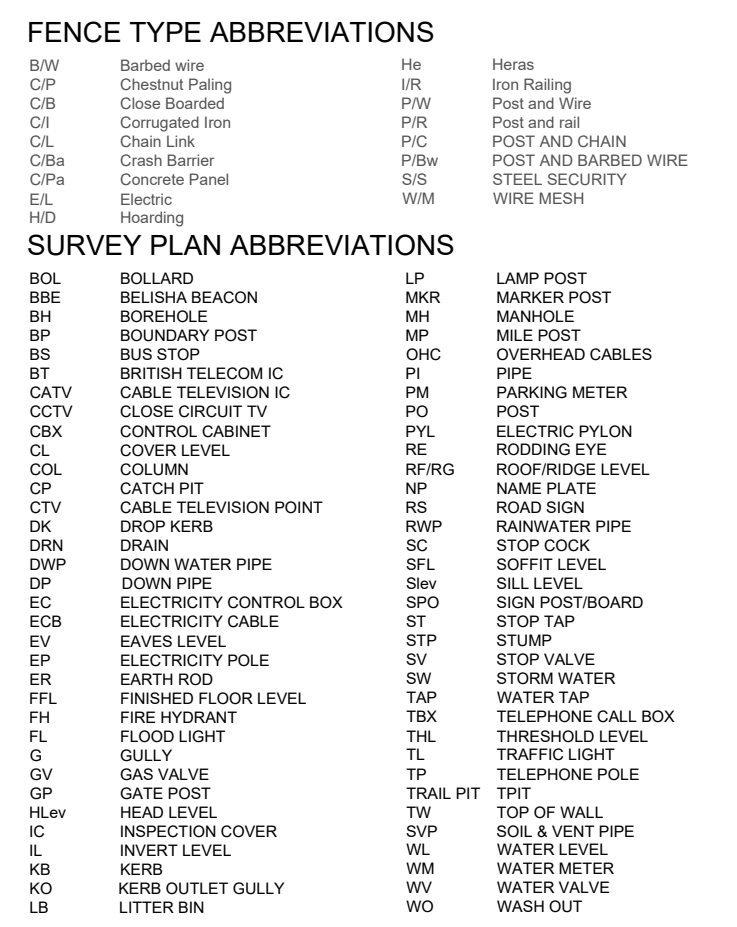
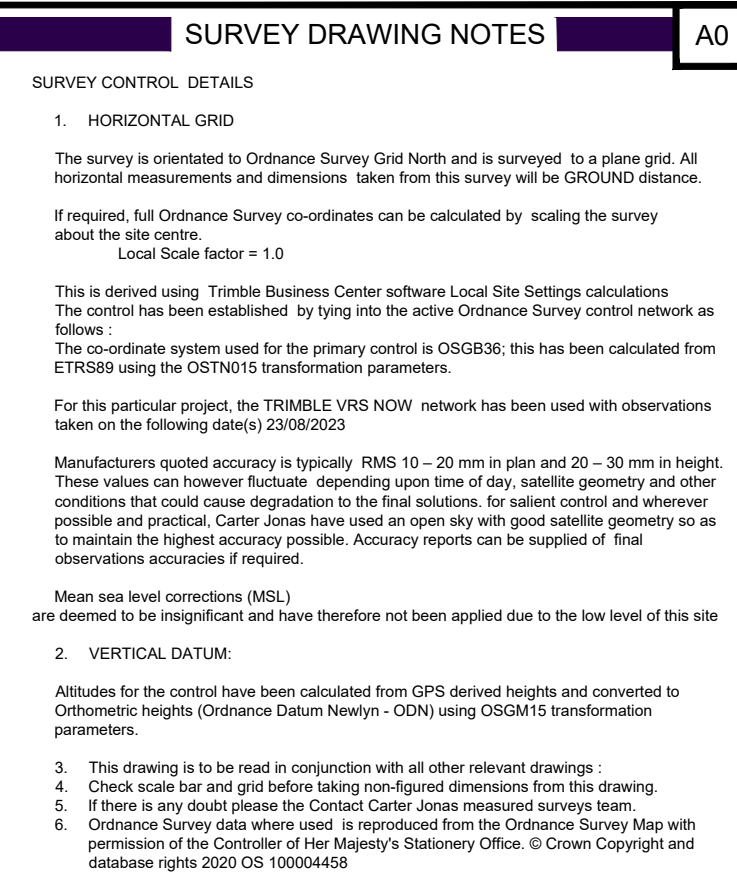
This is derived using Trimble Business Center software Local Site Settings calculations. The current is based on information by the user to the Survey Survey control network.

Below is a screenshot of the AD primary control (AD) data. The AD value is obtained from the ETSUSG user by the GNSIS70 transformation parameters.

For this particular project, the GNSIS70 TRANSFORM parameters have been used with observations taken on the date 2020/02/22

Manufacturers control points (AD) are 10m or 20m or 30 or 40 or 50 or 60 or 70 or 80 or 90 or 100 or 110 or 120 or 130 or 140 or 150 or 160 or 170 or 180 or 190 or 200 or 210 or 220 or 230 or 240 or 250 or 260 or 270 or 280 or 290 or 300 or 310 or 320 or 330 or 340 or 350 or 360 or 370 or 380 or 390 or 400 or 410 or 420 or 430 or 440 or 450 or 460 or 470 or 480 or 490 or 500 or 510 or 520 or 530 or 540 or 550 or 560 or 570 or 580 or 590 or 600 or 610 or 620 or 630 or 640 or 650 or 660 or 670 or 680 or 690 or 700 or 710 or 720 or 730 or 740 or 750 or 760 or 770 or 780 or 790 or 800 or 810 or 820 or 830 or 840 or 850 or 860 or 870 or 880 or 890 or 900 or 910 or 920 or 930 or 940 or 950 or 960 or 970 or 980 or 990 or 1000 or 1010 or 1020 or 1030 or 1040 or 1050 or 1060 or 1070 or 1080 or 1090 or 1100 or 1110 or 1120 or 1130 or 1140 or 1150 or 1160 or 1170 or 1180 or 1190 or 1200 or 1210 or 1220 or 1230 or 1240 or 1250 or 1260 or 1270 or 1280 or 1290 or 1300 or 1310 or 1320 or 1330 or 1340 or 1350 or 1360 or 1370 or 1380 or 1390 or 1400 or 1410 or 1420 or 1430 or 1440 or 1450 or 1460 or 1470 or 1480 or 1490 or 1500 or 1510 or 1520 or 1530 or 1540 or 1550 or 1560 or 1570 or 1580 or 1590 or 1600 or 1610 or 1620 or 1630 or 1640 or 1650 or 1660 or 1670 or 1680 or 1690 or 1700 or 1710 or 1720 or 1730 or 1740 or 1750 or 1760 or 1770 or 1780 or 1790 or 1800 or 1810 or 1820 or 1830 or 1840 or 1850 or 1860 or 1870 or 1880 or 1890 or 1900 or 1910 or 1920 or 1930 or 1940 or 1950 or 1960 or 1970 or 1980 or 1990 or 2000 or 2010 or 2020 or 2030 or 2040 or 2050 or 2060 or 2070 or 2080 or 2090 or 2100 or 2110 or 2120 or 2130 or 2140 or 2150 or 2160 or 2170 or 2180 or 2190 or 2200 or 2210 or 2220 or 2230 or 2240 or 2250 or 2260 or 2270 or 2280 or 2290 or 2300 or 2310 or 2320 or 2330 or 2340 or 2350 or 2360 or 2370 or 2380 or 2390 or 2400 or 2410 or 2420 or 2430 or 2440 or 2450 or 2460 or 2470 or 2480 or 2490 or 2500 or 2510 or 2520 or 2530 or 2540 or 2550 or 2560 or 2570 or 2580 or 2590 or 2600 or 2610 or 2620 or 2630 or 2640 or 2650 or 2660 or 2670 or 2680 or 2690 or 2700 or 2710 or 2720 or 2730 or 2740 or 2750 or 2760 or 2770 or 2780 or 2790 or 2800 or 2810 or 2820 or 2830 or 2840 or 2850 or 2860 or 2870 or 2880 or 2890 or 2900 or 2910 or 2920 or 2930 or 2940 or 2950 or 2960 or 2970 or 2980 or 2990 or 3000 or 3010 or 3020 or 3030 or 3040 or 3050 or 3060 or 3070 or 3080 or 3090 or 3100 or 3110 or 3120 or 3130 or 3140 or 3150 or 3160 or 3170 or 3180 or 3190 or 3200 or 3210 or 3220 or 3230 or 3240 or 3250 or 3260 or 3270 or 3280 or 3290 or 3300 or 3310 or 3320 or 3330 or 3340 or 3350 or 3360 or 3370 or 3380 or 3390 or 3400 or 3410 or 3420 or 3430 or 3440 or 3450 or 3460 or 3470 or 3480 or 3490 or 3500 or 3510 or 3520 or 3530 or 3540 or 3550 or 3560 or 3570 or 3580 or 3590 or 3600 or 3610 or 3620 or 3630 or 3640 or 3650 or 3660 or 3670 or 3680 or 3690 or 3700 or 3710 or 3720 or 3730 or 3740 or 3750 or 3760 or 3770 or 3780 or 3790 or 3800 or 3810 or 3820 or 3830 or 3840 or 3850 or 3860 or 3870 or 3880 or 3890 or 3900 or 3910 or 3920 or 3930 or 3940 or 3950 or 3960 or 3970 or 3980 or 3990 or 4000 or 4010 or 4020 or 4030 or 4040 or 4050 or 4060 or 4070 or 4080 or 4090 or 4100 or 4110 or 4120 or 4130 or 4140 or 4150 or 4160 or 4170 or 4180 or 4190 or 4200 or 4210 or 4220 or 4230 or 4240 or 4250 or 4260 or 4270 or 4280 or 4290 or 4300 or 4310 or 4320 or 4330 or 4340 or 4350 or 4360 or 4370 or 4380 or 4390 or 4400 or 4410 or 4420 or 4430 or 4440 or 4450 or 4460 or 4470 or 4480 or 4490 or 4500 or 4510 or 4520 or 4530 or 4540 or 4550 or 4560 or 4570 or 4580 or 4590 or 4600 or 4610 or 4620 or 4630 or 4640 or 4650 or 4660 or 4670 or 4680 or 4690 or 4700 or 4710 or 4720 or 4730 or 4740 or 4750 or 4760 or 4770 or 4780 or 4790 or 4800 or 4810 or 4820 or 4830 or 4840 or 4850 or 4860 or 4870 or 4880 or 4890 or 4900 or 4910 or 4920 or 4930 or 4940 or 4950 or 4960 or 4970 or 4980 or 4990 or 5000 or 5010 or 5020 or 5030 or 5040 or 5050 or 5060 or 5070 or 5080 or 5090 or 5100 or 5110 or 5120 or 5130 or 5140 or 5150 or 5160 or 5170 or 5180 or 5190 or 5200 or 5210 or 5220 or 5230 or 5240 or 5250 or 5260 or 5270 or 5280 or 5290 or 5300 or 5310 or 5320 or 5330 or 5340 or 5350 or 5360 or 5370 or 5380 or 5390 or 5400 or 5410 or 5420 or 5430 or 5440 or 5450 or 5460 or 5470 or 5480 or 5490 or 5500 or 5510 or 5520 or 5530 or 5540 or 5550 or 5560 or 5570 or 5580 or 5590 or 5600 or 5610 or 5620 or 5630 or 5640 or 5650 or 5660 or 5670 or 5680 or 5690 or 5700 or 5710 or 5720 or 5730 or 5740 or 5750 or 5760 or 5770 or 5780 or 5790 or 5800 or 5810 or 5820 or 5830 or 5840 or 5850 or 5860 or 5870 or 5880 or 5890 or 5900 or 5910 or 5920 or 5930 or 5940 or 5950 or 5960 or 5970 or 5980 or 5990 or 6000 or 6010 or 6020 or 6030 or 6040 or 6050 or 6060 or 6070 or 6080 or 6090 or 6100 or 6110 or 6120 or 6130 or 6140 or 6150 or 6160 or 6170 or 6180 or 6190 or 6200 or 6210 or 6220 or 6230 or 6240 or 6250 or 6260 or 6270 or 6280 or 6290 or 6300 or 6310 or 6320 or 6330 or 6340 or 6350 or 6360 or 6370 or 6380 or 6390 or 6400 or 6410 or 6420 or 6430 or 6440 or 6450 or 6460 or 6470 or 6480 or 6490 or 6500 or 6510 or 6520 or 6530 or 6540 or 6550 or 6560 or 6570 or

Issue	DATE	DESCRIPTION		DRAWN / CH
12 Waterstar Way, Bedford Northampton, NH 03223 T: 603.884.0022 E: measure@surveyings.com www.carterjones.com				
Client : INTEGRUM RENEWABLE ENERGY Project : FENDYKE FARM, SUTTON ST JAMES Title : TOPOGRAPHICAL SURVEY Scale: 1:500@A0 Date: 06/09/2023 Drawn by: JH Surveyed by : JH Checked by: MJ Dwg no./J0074609-23-07_Issue0				



GENERAL

- A. NO ALLOWANCE HAS BEEN MADE FOR SURFACE ENTRY INTO MANHOLES OR OTHER CHAMBERS OR VOIDS BELOW GRADE LEVEL. THEREFORE ANY DETAILS OF SUCH STRUCTURES, SUCH AS SIZE, LOCATION, AND ELEVATION, SHOULD BE AS MUCH WELL BE APPROXIMATE ONLY.
- B. THE PLAN SHOULD CHECK AND VERIFY ALL DIMENSIONS AND DETAILS OF THE WORK BEFORE WORK STARTS.
- C. THE LOCATION OF ALL EXISTING DRAINAGE MAY BE ASSUMED ROUTES AND WILL NORMALLY BE OF UNKNOWN CONDITION. CONTRACTORS SHOULD UNDERTAKE SURVEY WORK TO DETERMINE THE EXISTING DRAINAGE SYSTEM AND RECORD THE SAME. SURVEY DRAINAGE PATTERNS SHOULD BE FOLLOWED.
- D. ALL CONCRETE AND CURBWORK SHOULD BE SHOWN INDICATED ON THE DRAWING AND THOSE INDICATED ON OTHER DRAWINGS, THEN CARTER JONES SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK THE DATA BY THE PLOTTING SCALE ARE EQUALLY APPLICABLE TO DIGITAL DATA SUPPLIED FOR CAD.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IDENTIFICATION OF FEATURES. HOWEVER, IT SHOULD BE NOTED IN THE MIND THAT THERE MAY BE ITEMS OMISSION AT THE CONTRACTOR'S RISK.
- G. VISIBLE FEATURES IN THE VICINITY OF THE BOUNDARIES, AS SHOWN ON THE SURVEY, SHOULD BE IDENTIFIED AND SHOWN ON THE DRAWING.
- H. UNLESS OTHERWISE SPECIFIED FEATURES SHOULD SHOW LINE, STYLES OR THICKNESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHOWING THESE CENTRELINES, BROOKCHANNING AND GLAZING DATA.

Carter Jonas 12 Waterside Way, Bedford Road,
Northampton, NN4 7XD
T: 01604 608228
E: measuredsurveys@carterjonas.co.uk
www.carterjonas.co.uk

Client : INTEGRUM RENEWABLE ENERGY
Project : FENDYKE FARM, SUTTON ST JAMES
Title : TOPOGRAPHICAL SURVEY

Scale: 1:500@A0 Date: 06/09/2023
Drawn by: JH Surveyed by: JH
Checked by: MJ Dwg no: J0074609-23-08_issue01

	BUILDING		GATE
	CONTOUR		HEDGE/ VEGETATION /TREE CANOPY
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	FENCE & DESCRIPTION		SURVEY STATION WITH LEVEL
			SAMPLING
			TREE (INDICATIVE ONLY)

AW	Barbed wire	Ho	Horse
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CBa	Crash Barrier	PBW	POST AND BARBED WIRE
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EL	Electric	WM	WIRE MESH

[illegible]