

Green Hill Solar Farm EN010170

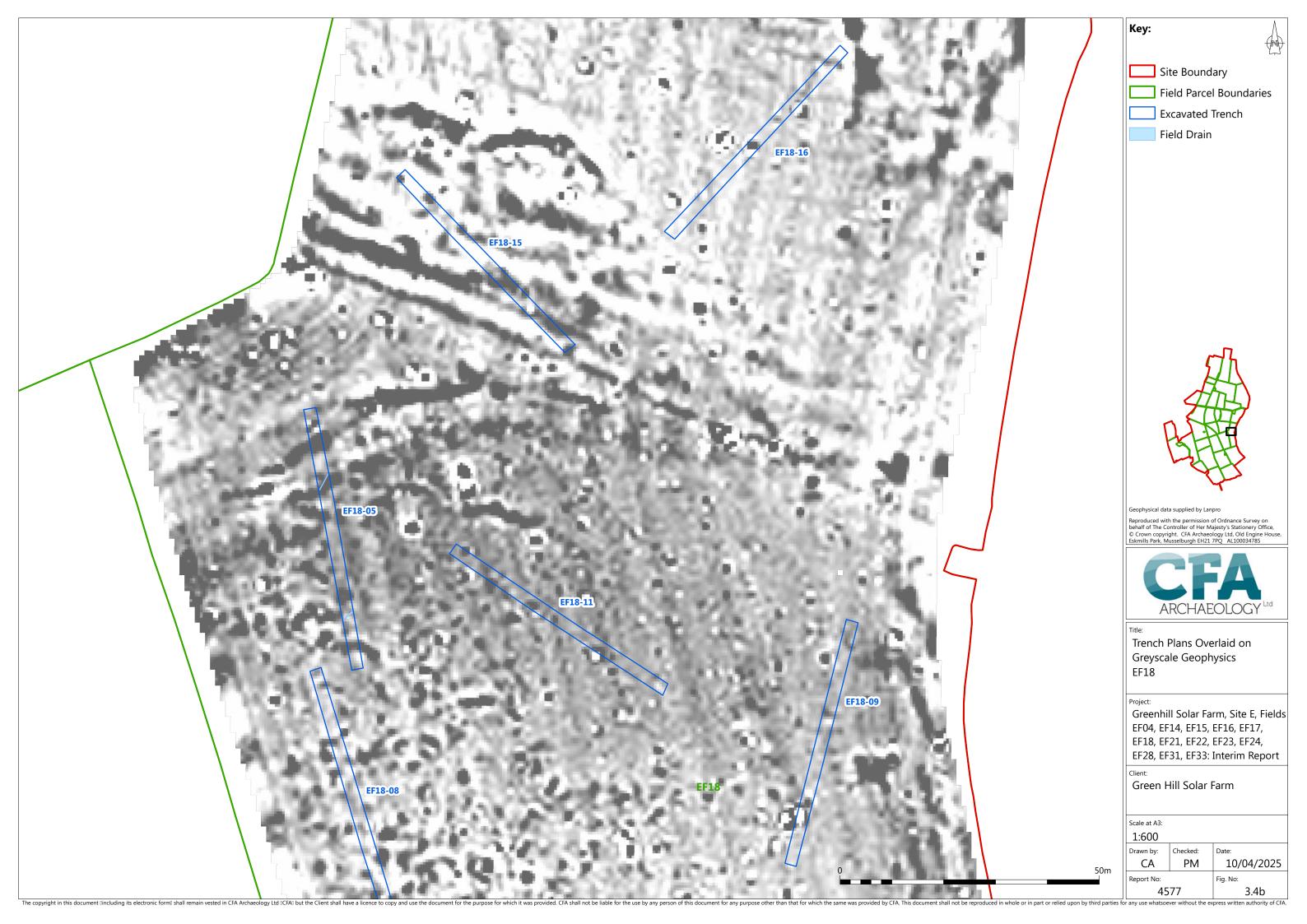
Environmental Statement
Appendix 12.5: Interim Evaluation Trial
Trenching Reports
(Part 4 of 7)

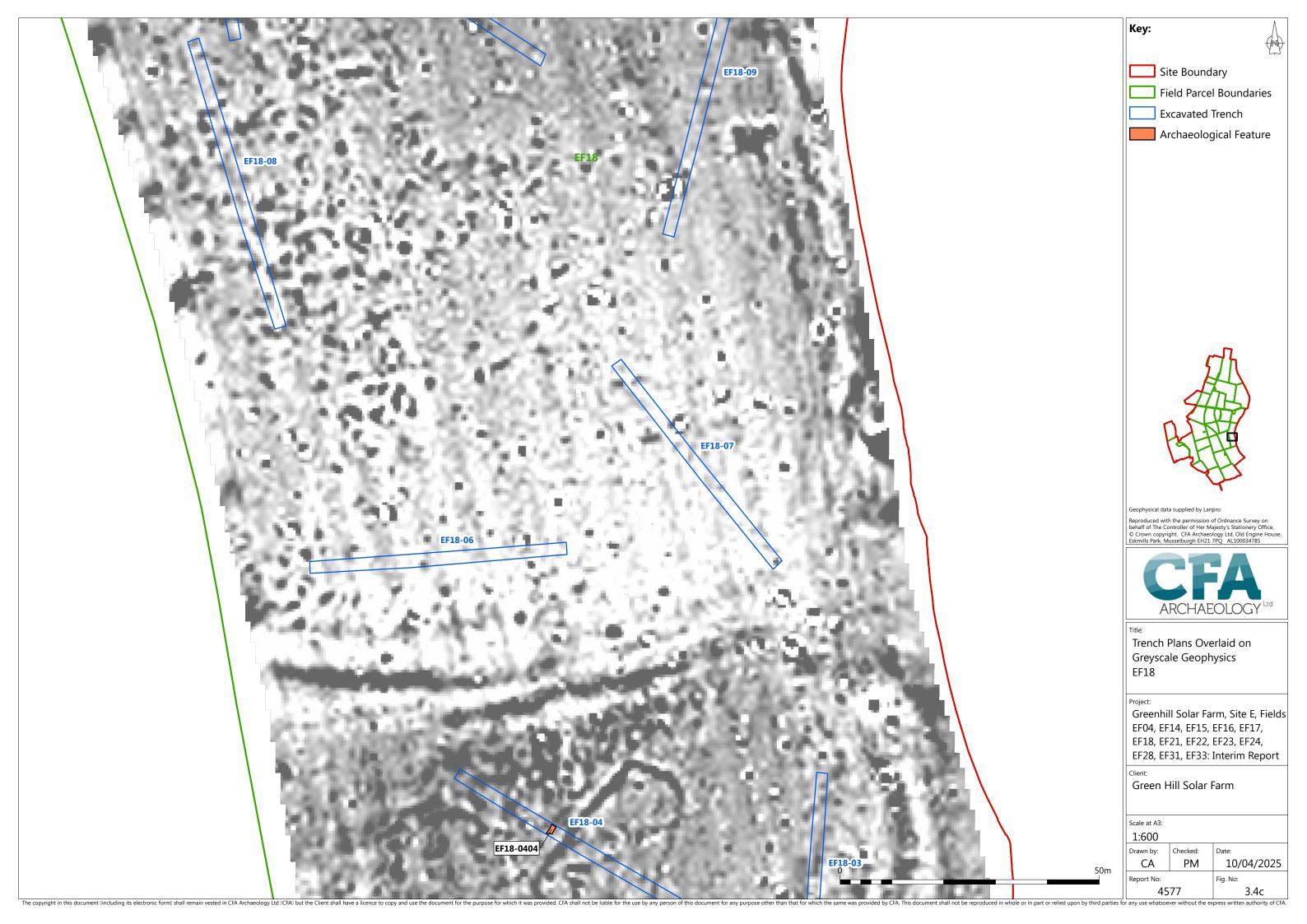
Prepared by: Lanpro

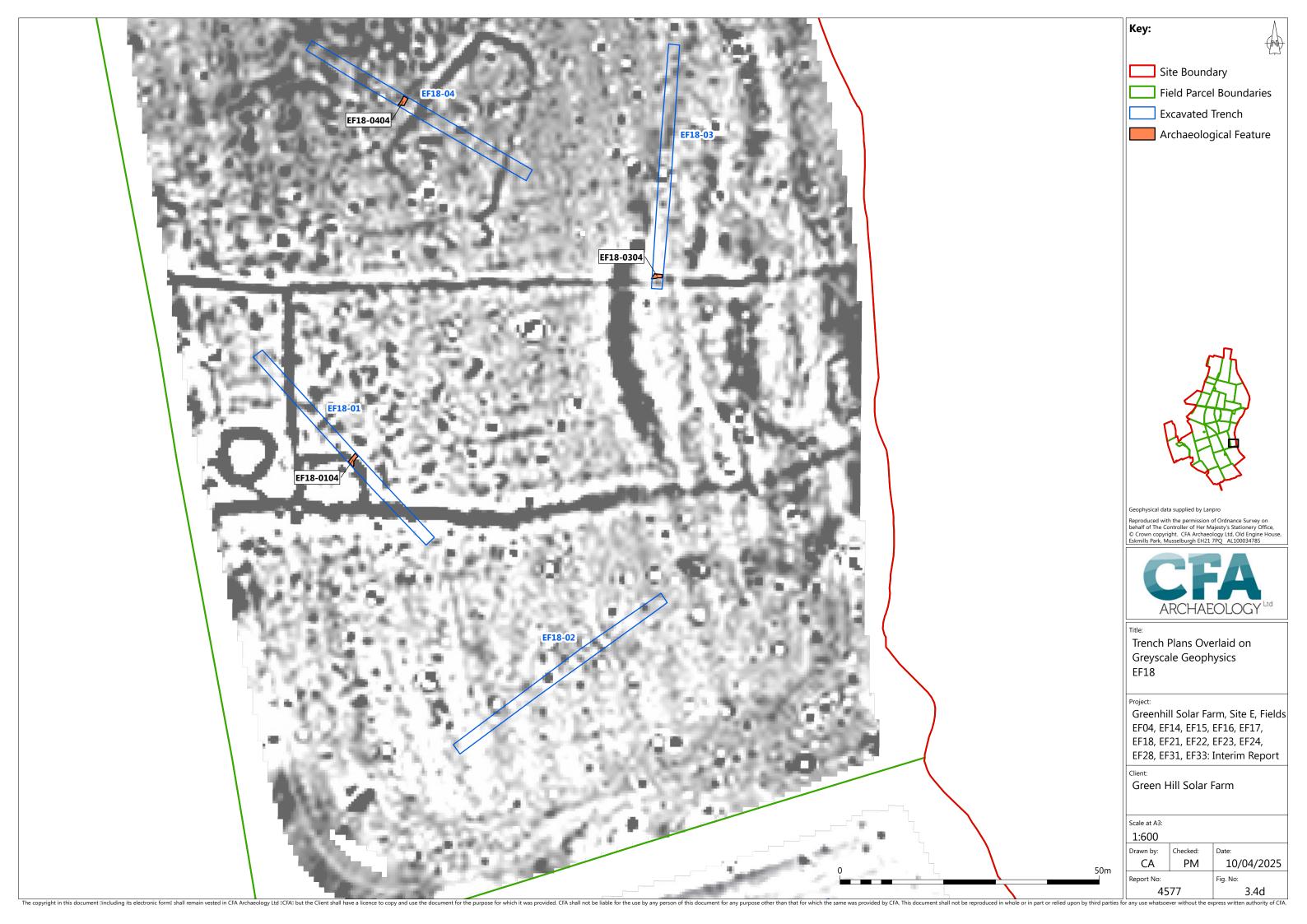
Date: May 2025

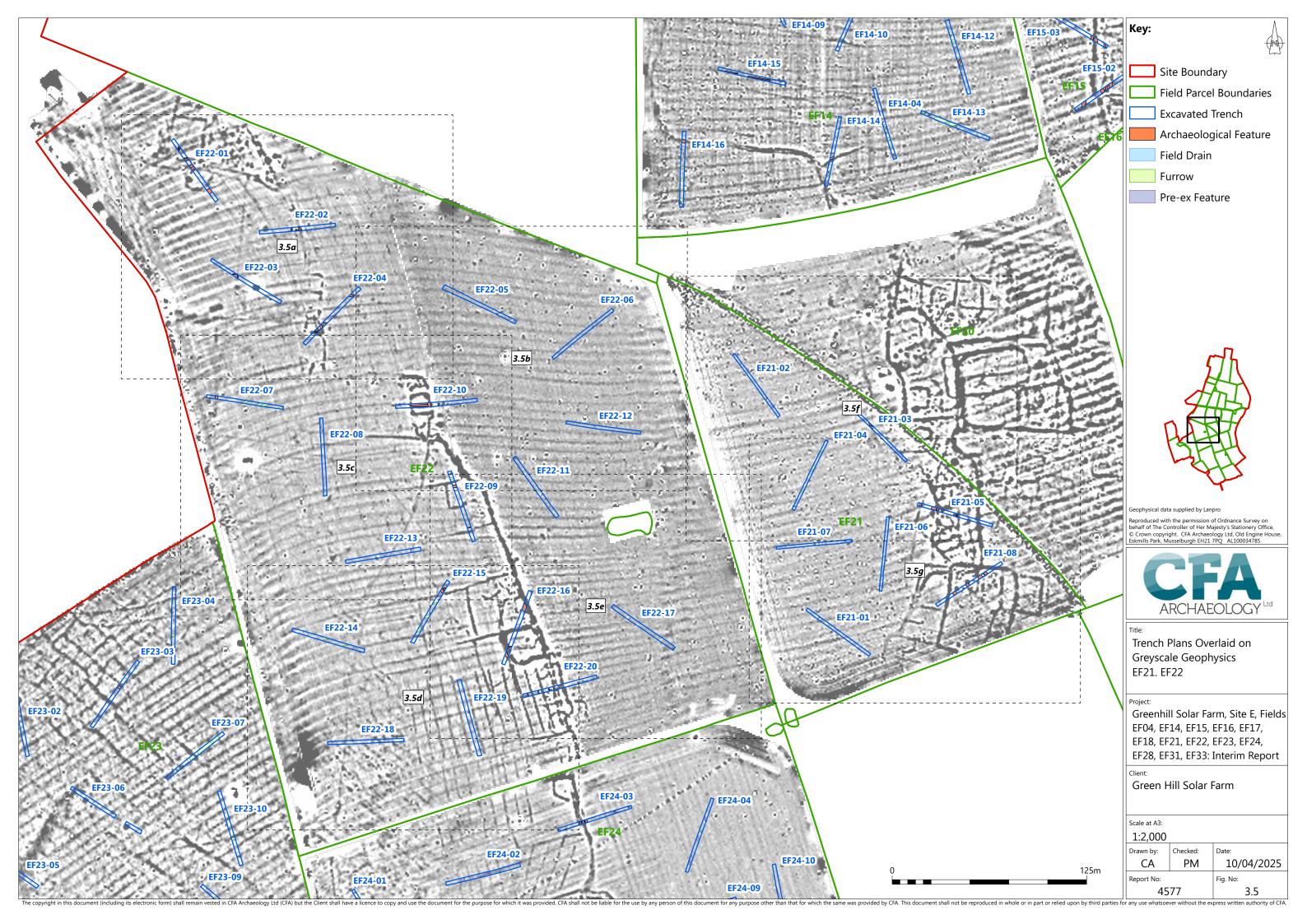
Document Reference: APP/GH6.3.12.5

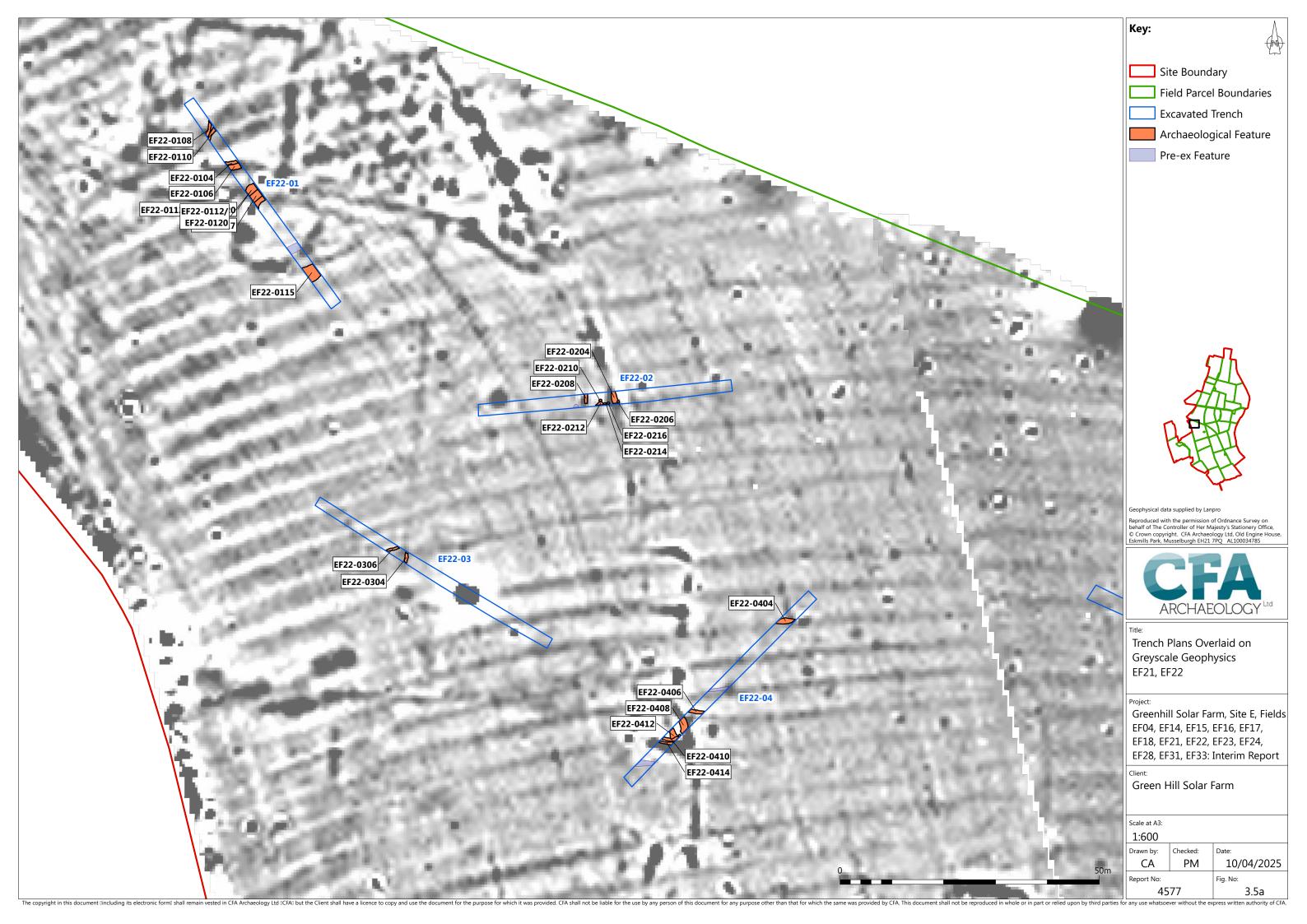
APFP Regulation 5(2)(a)

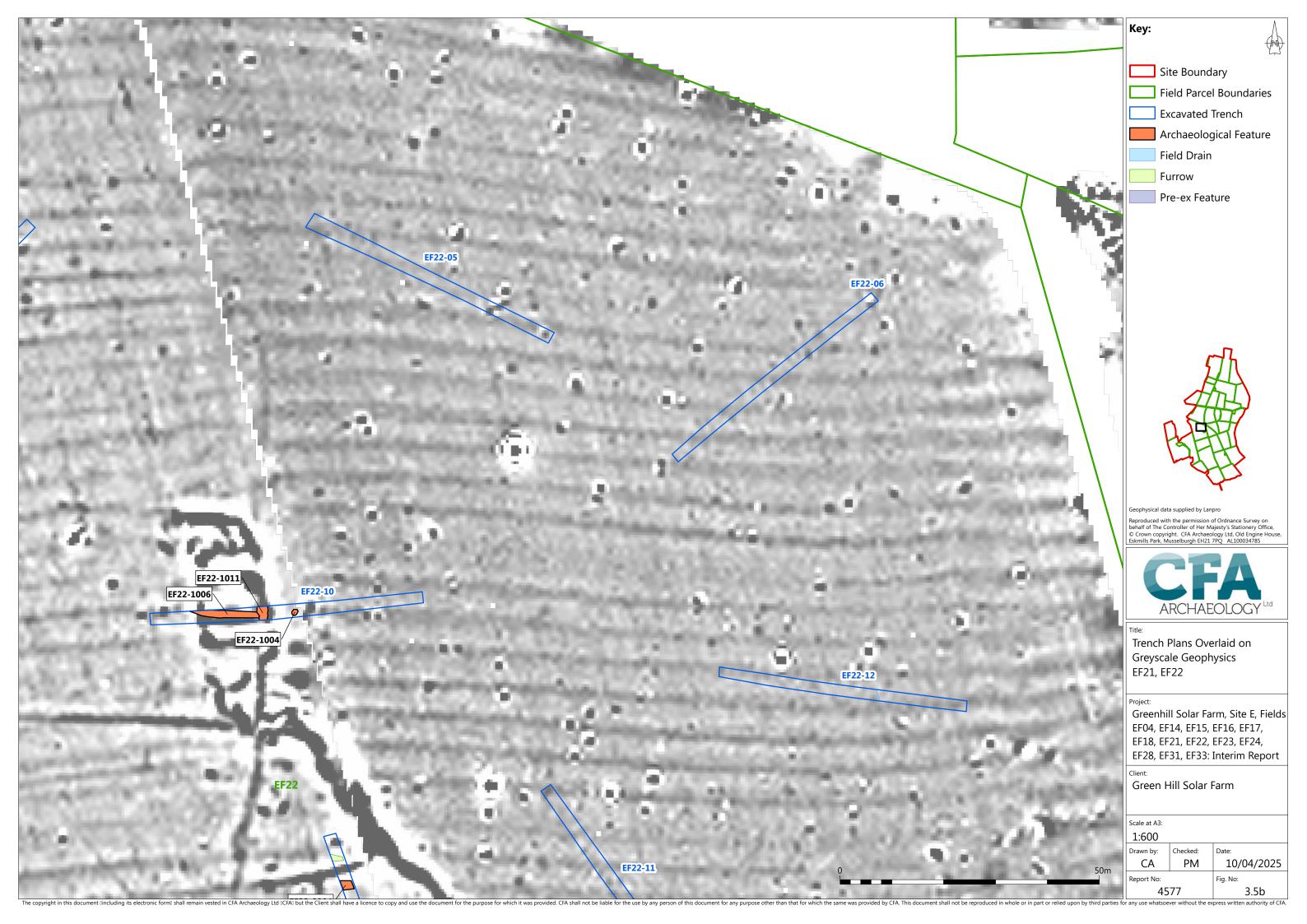


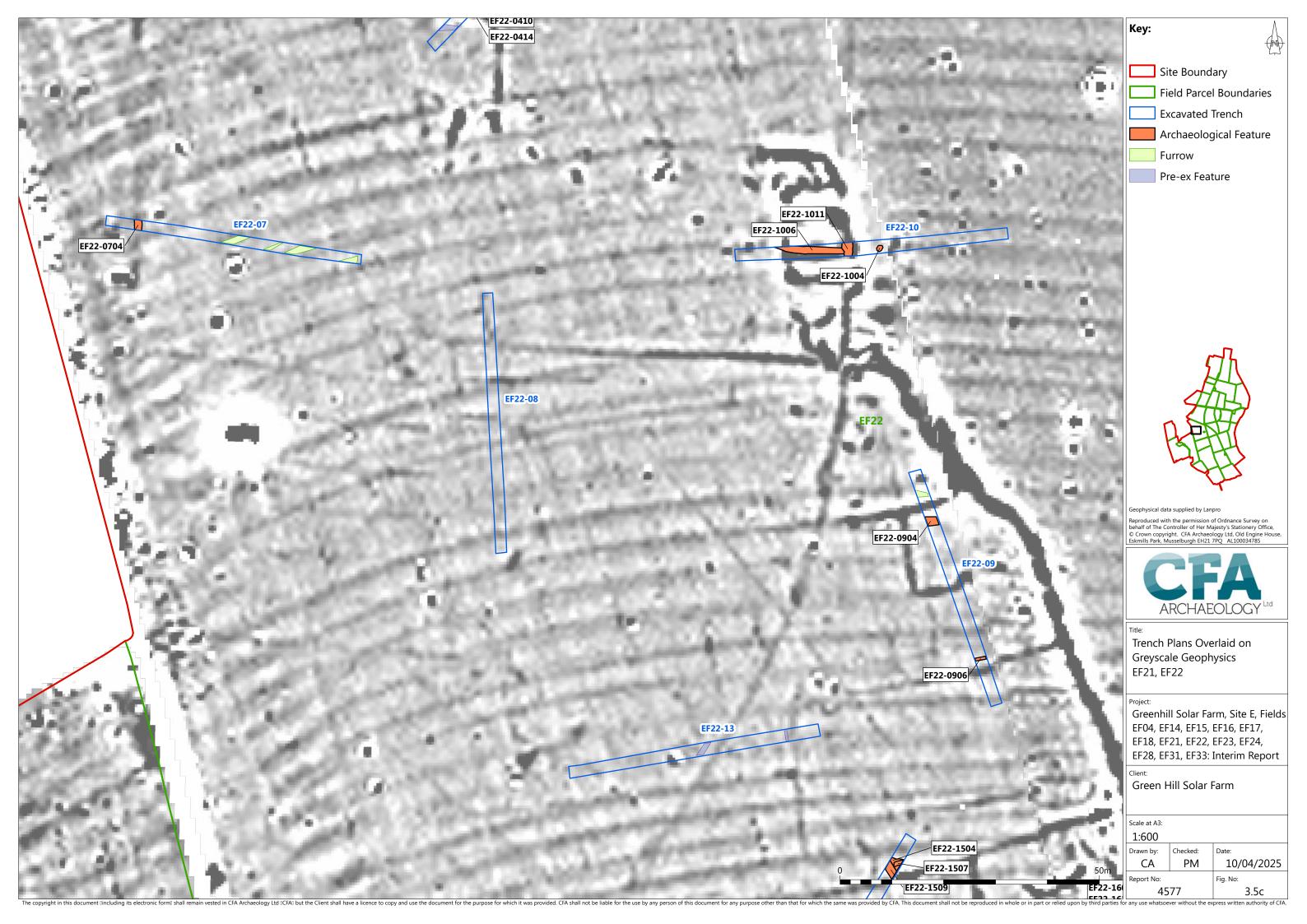


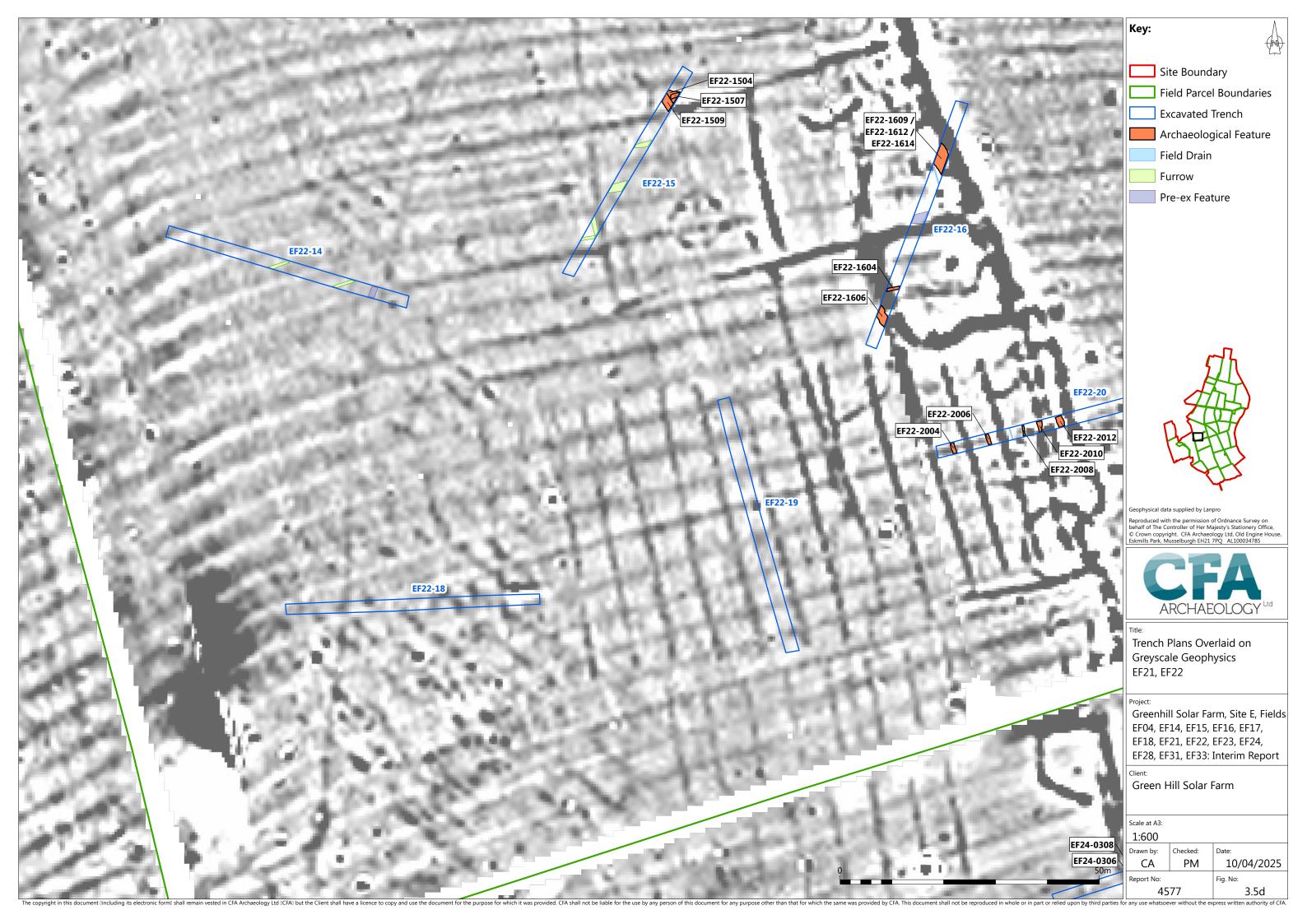




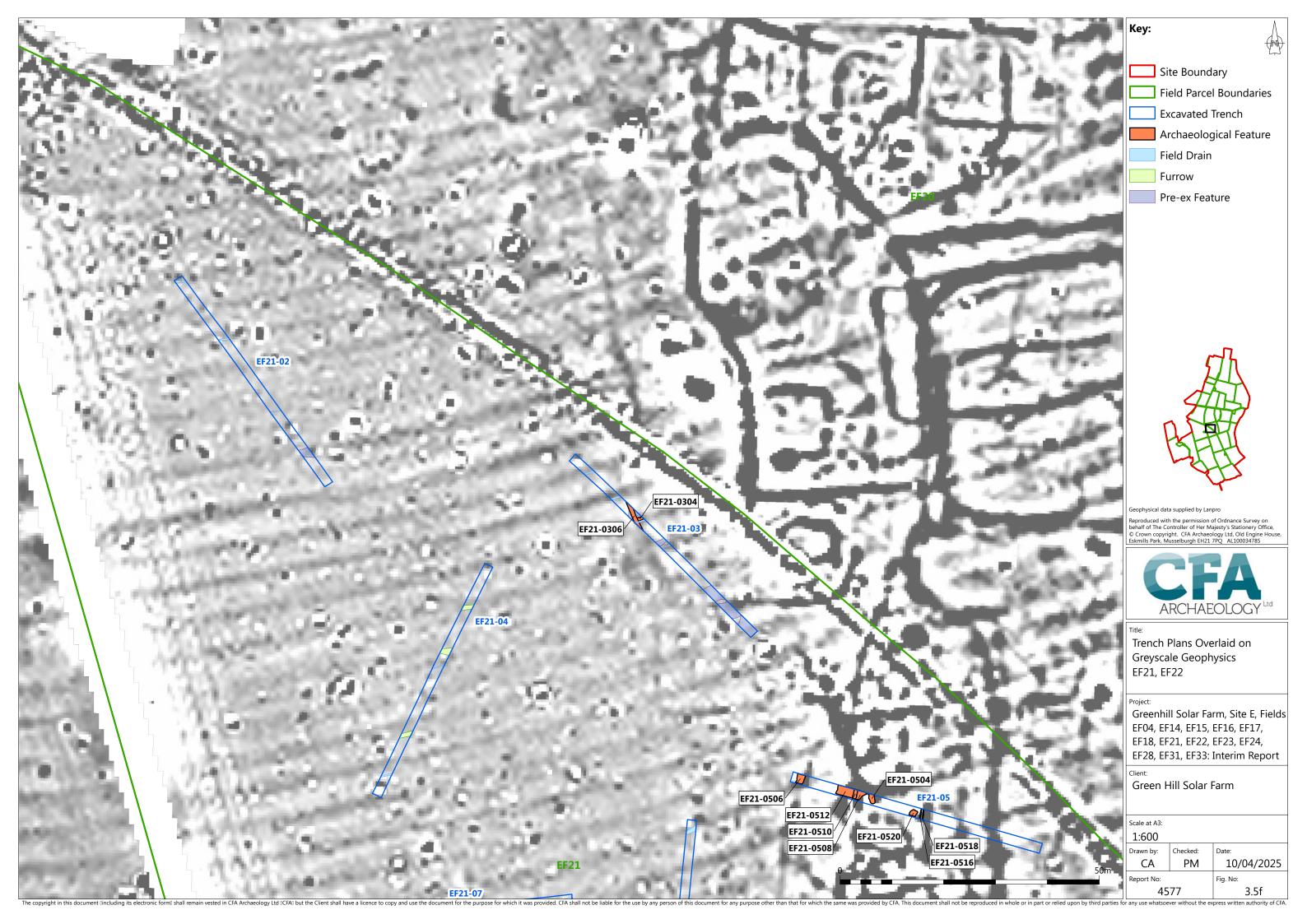




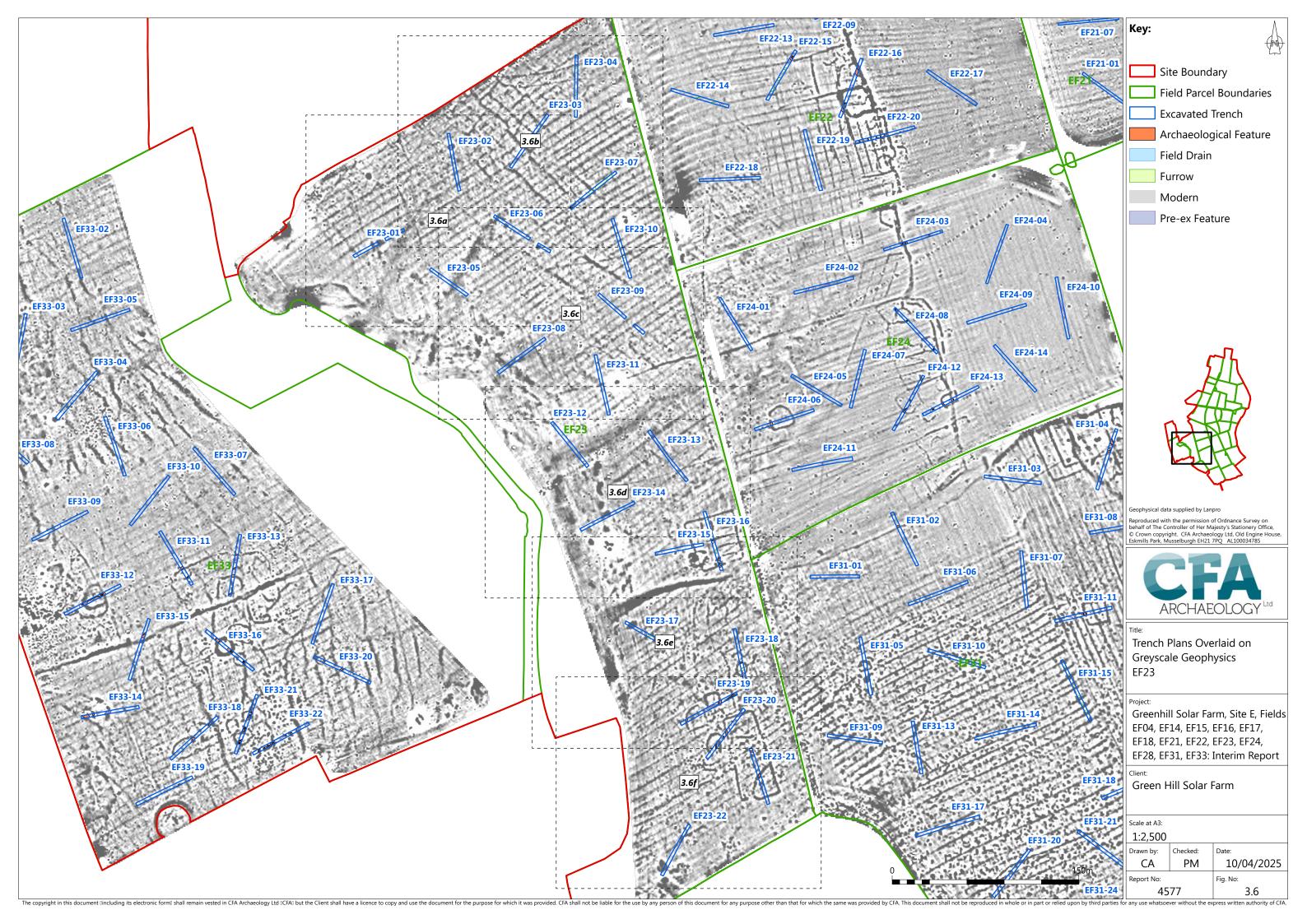


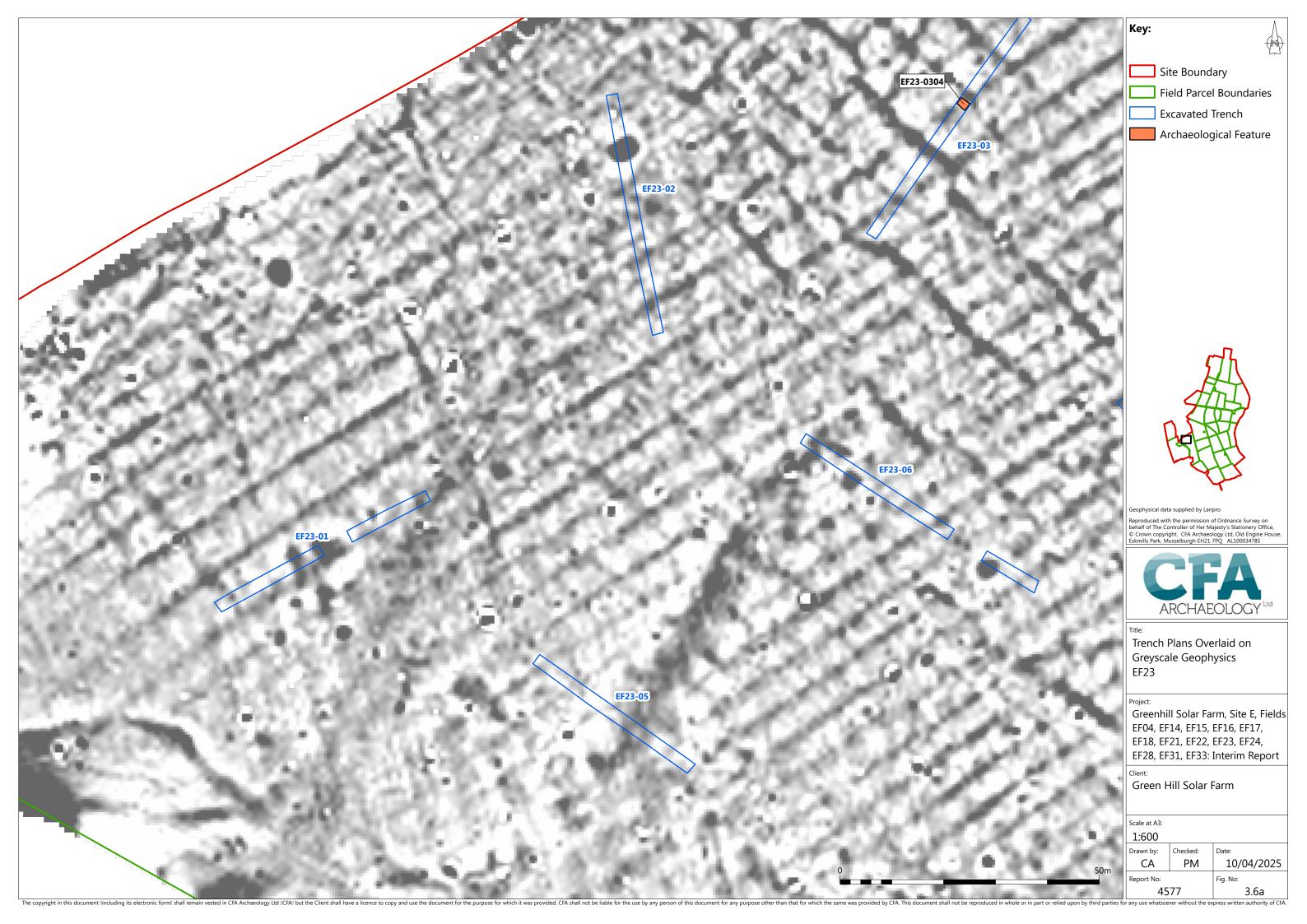






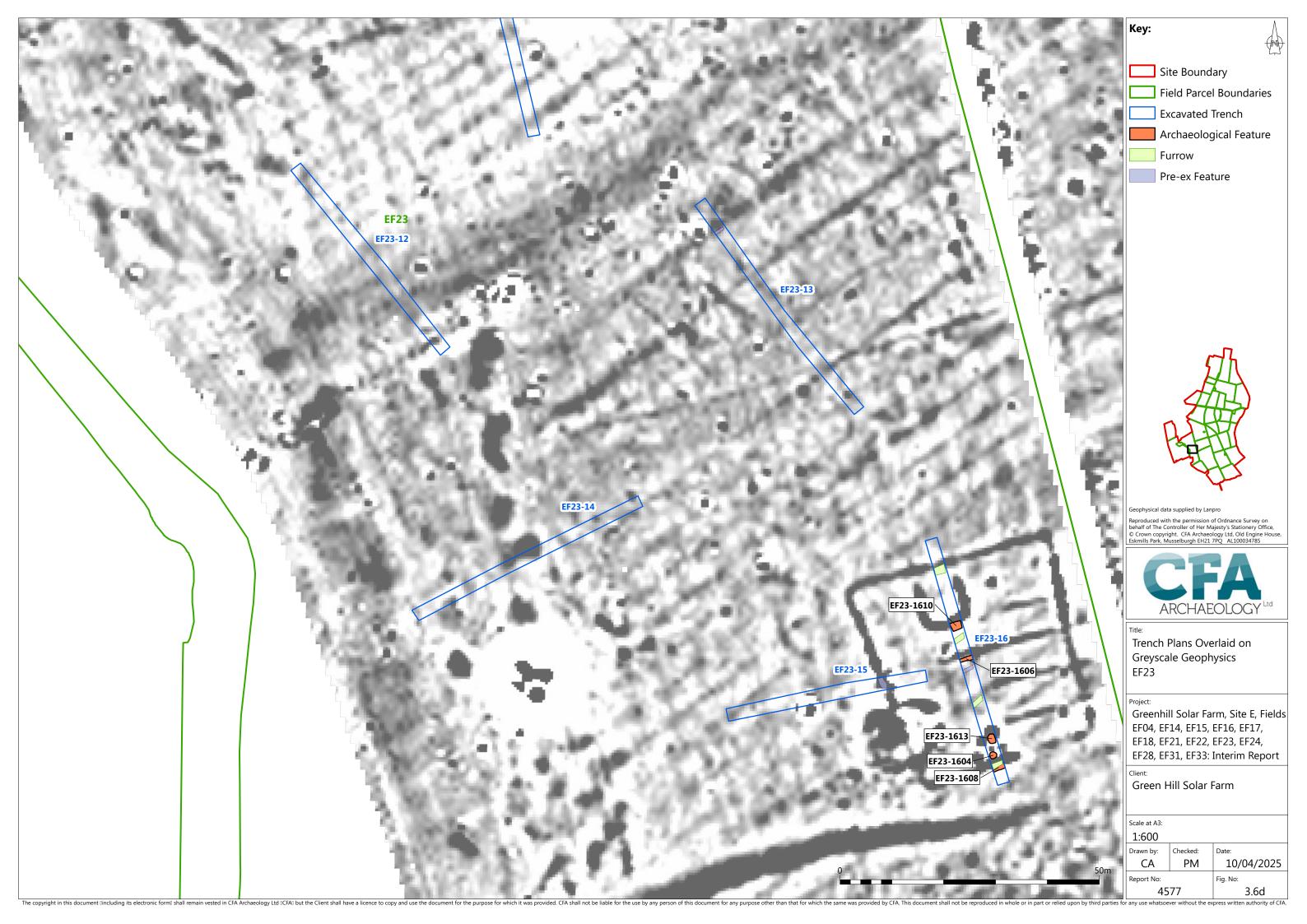


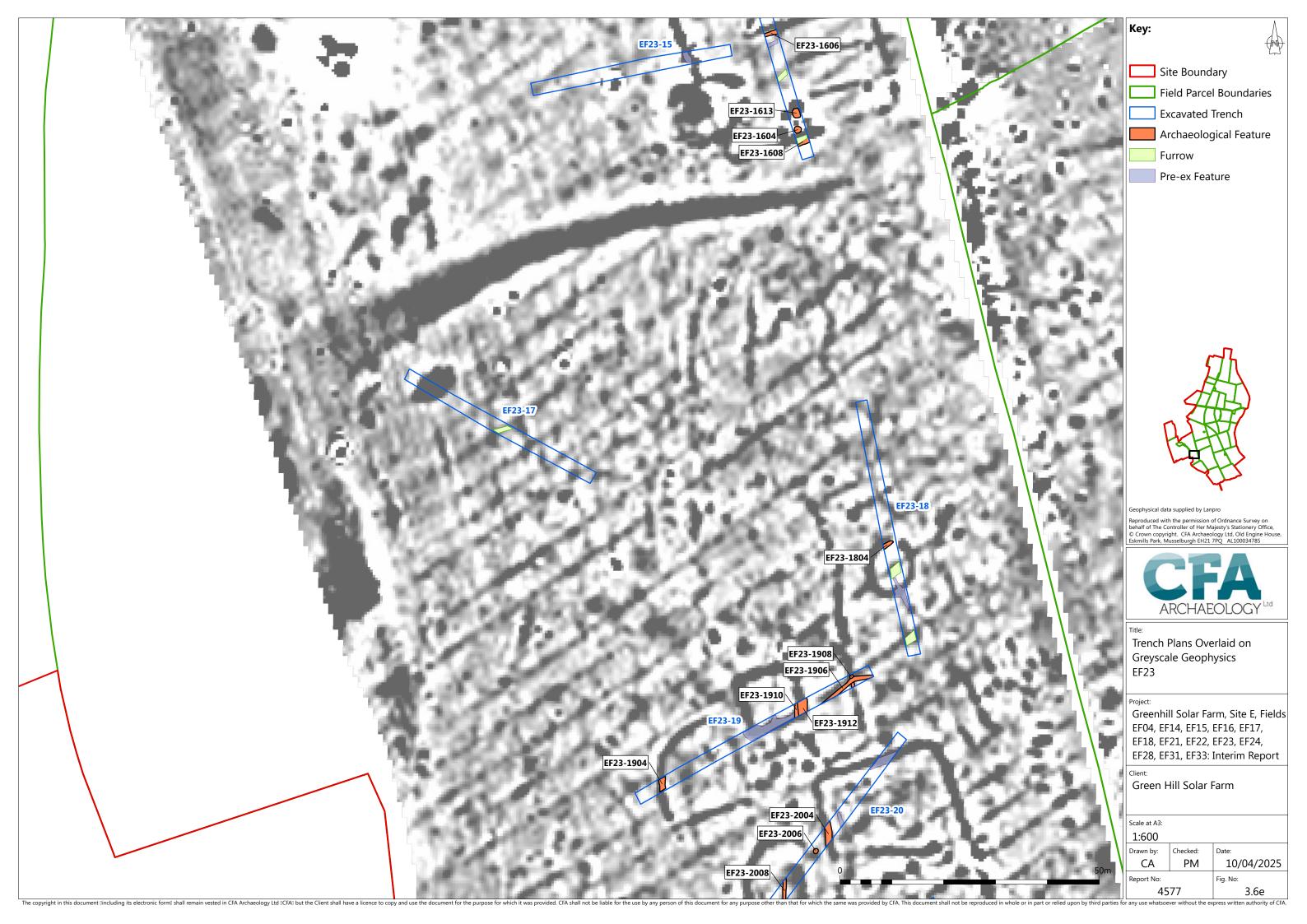




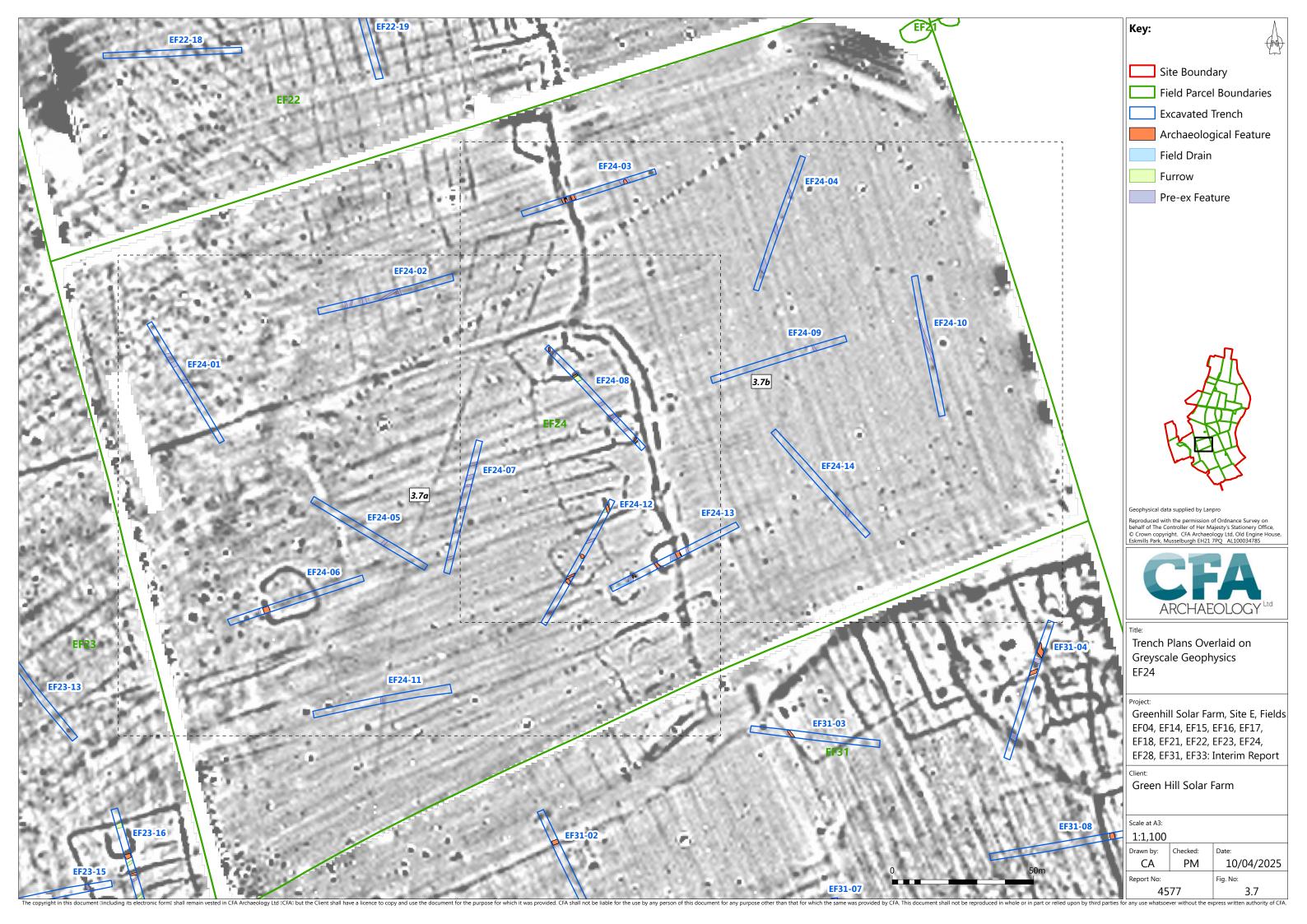


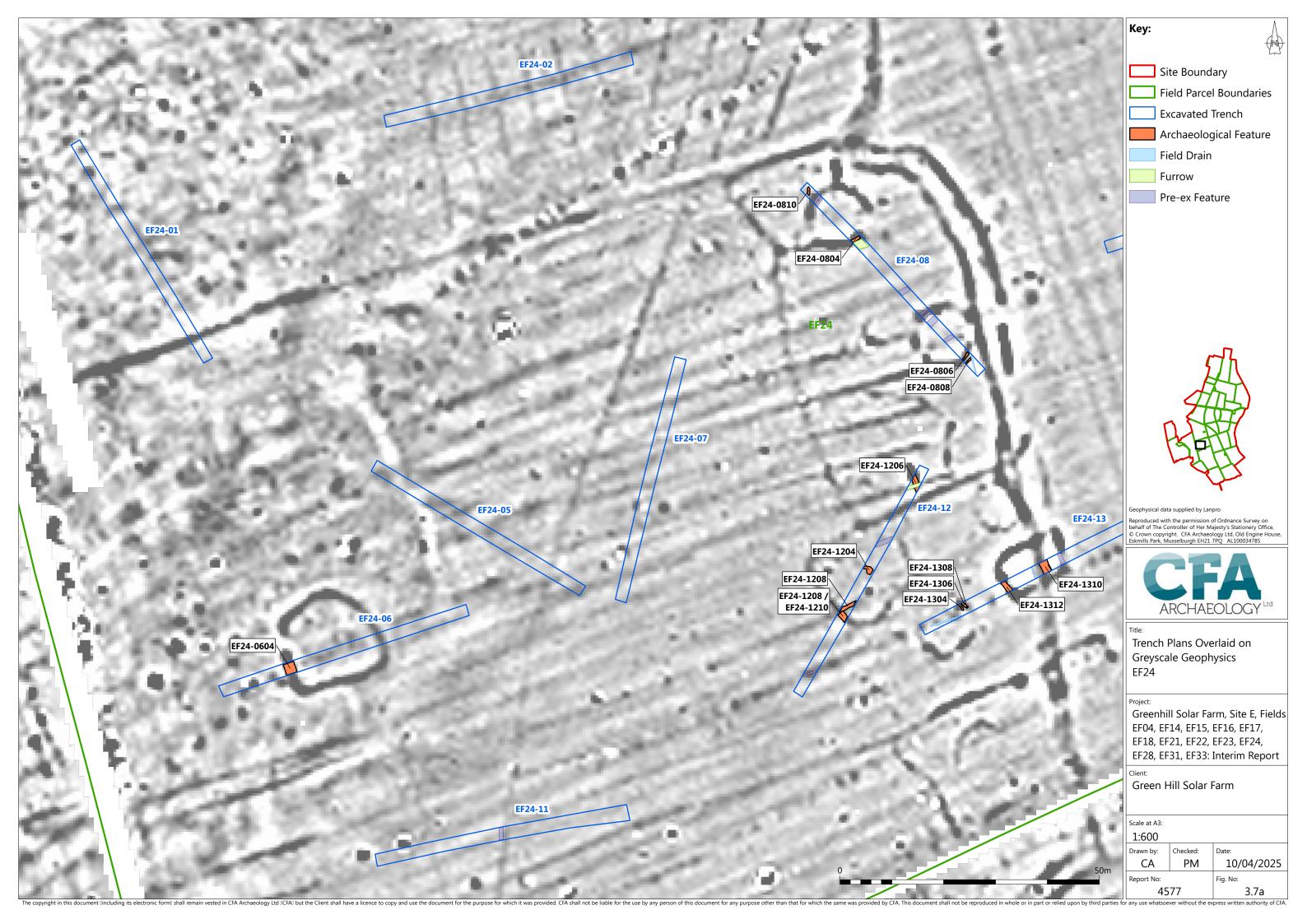


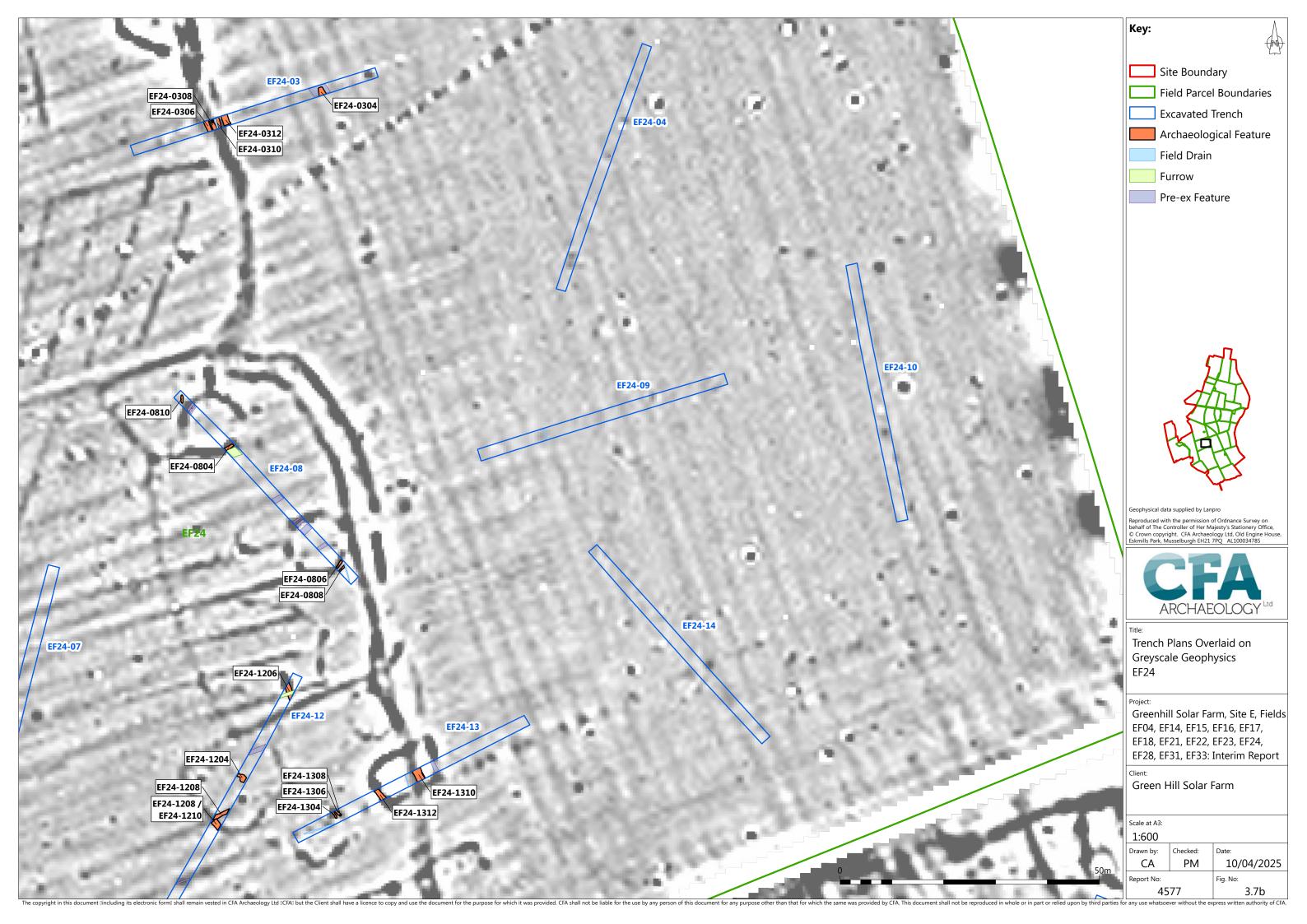


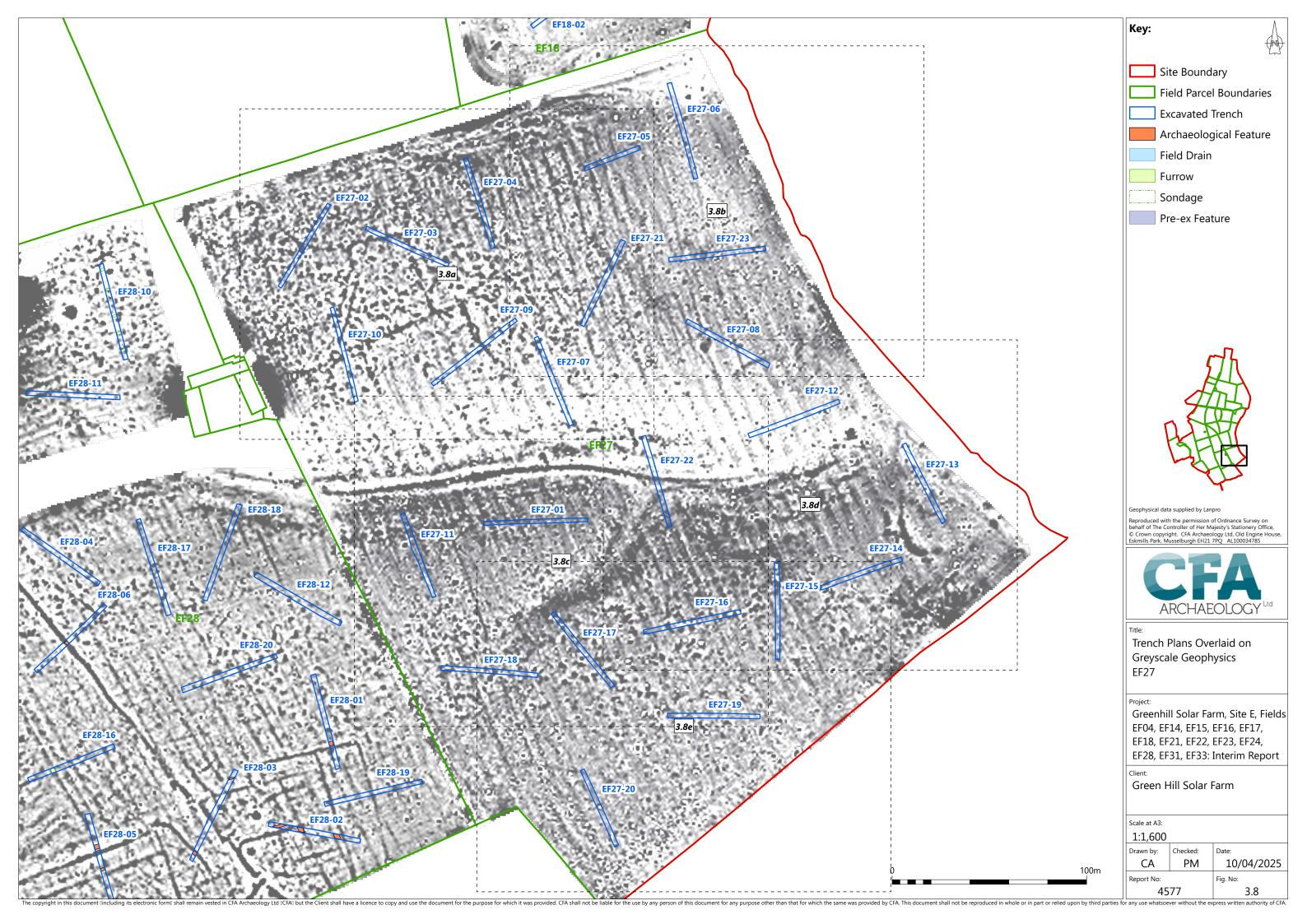


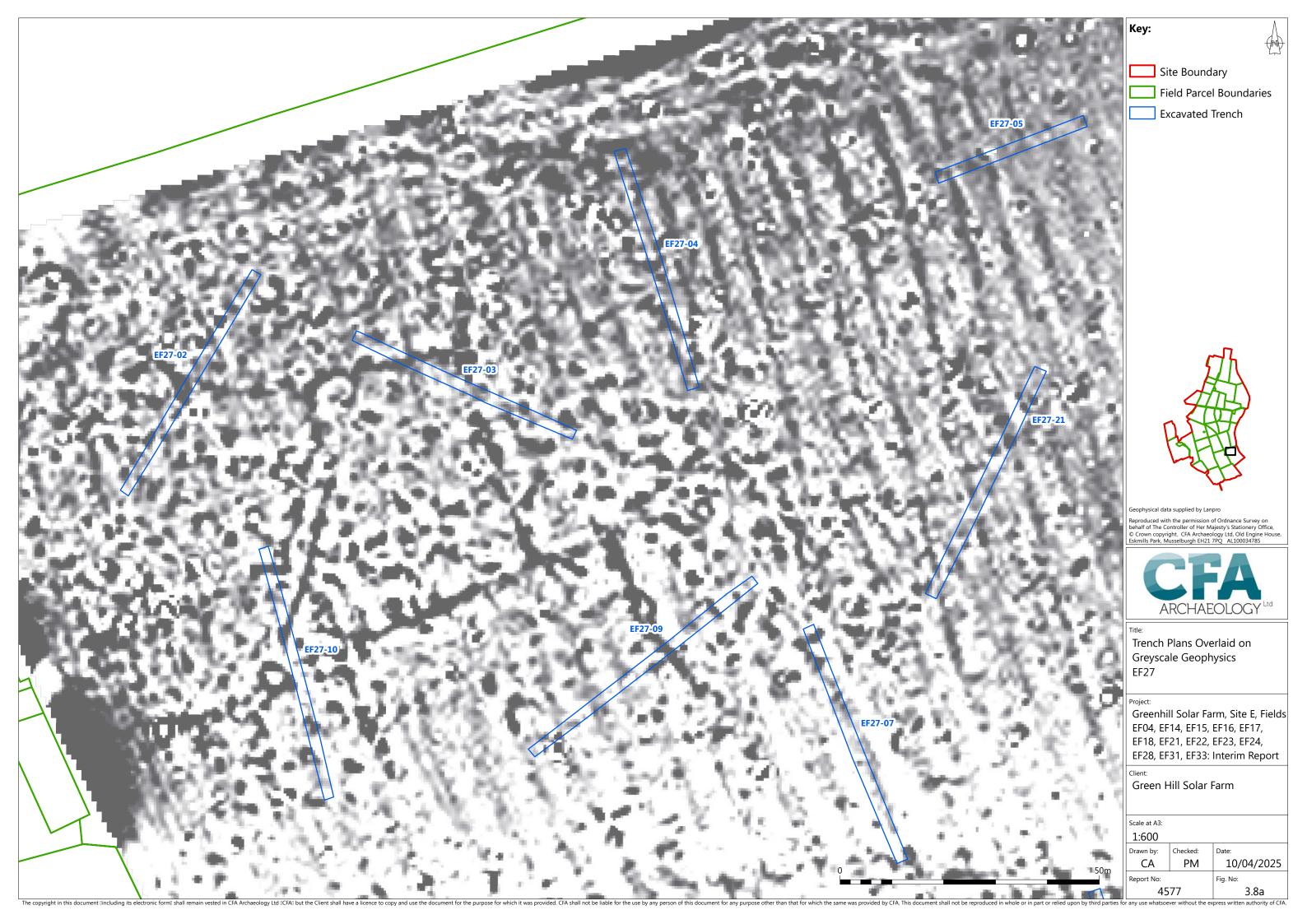


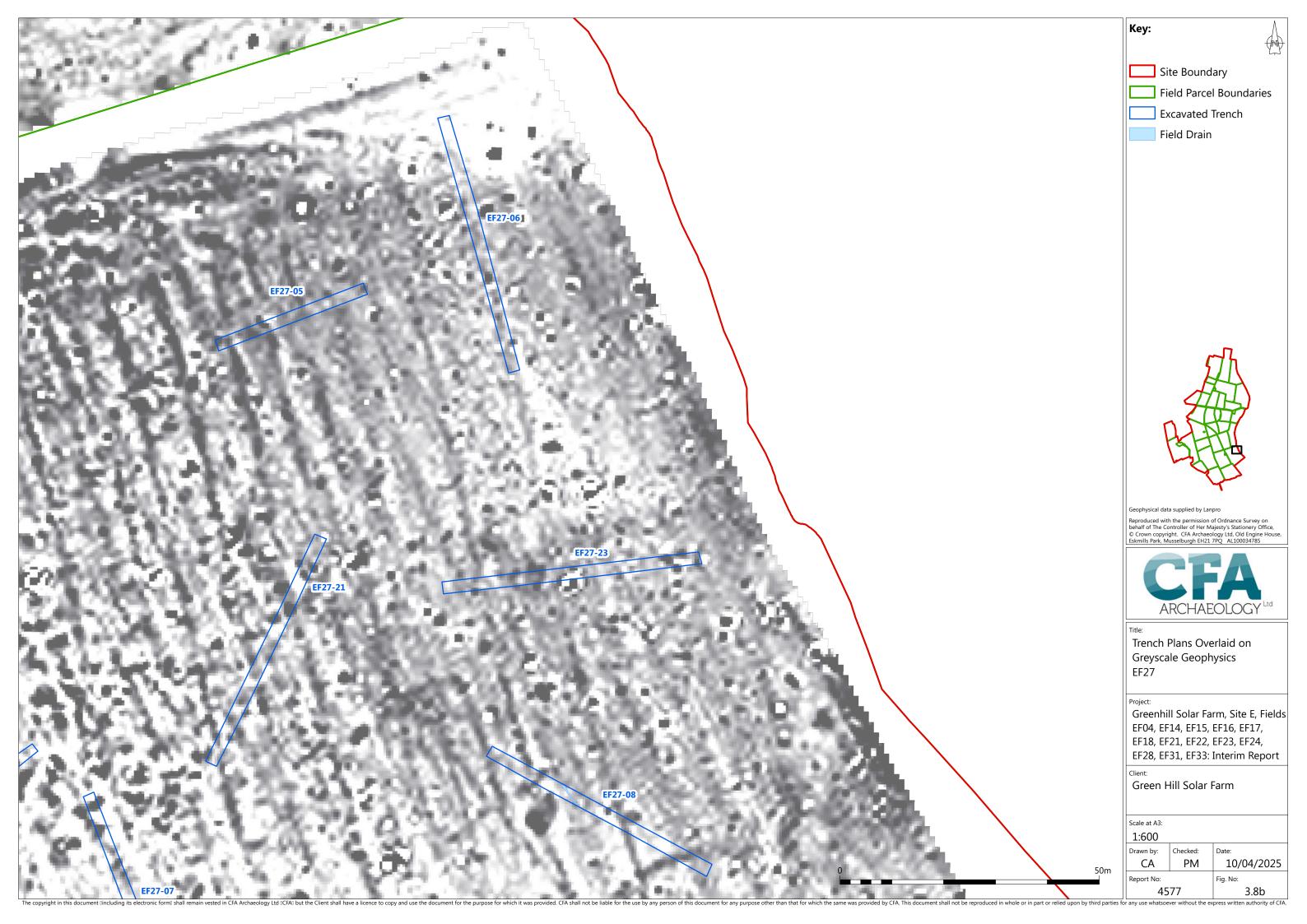


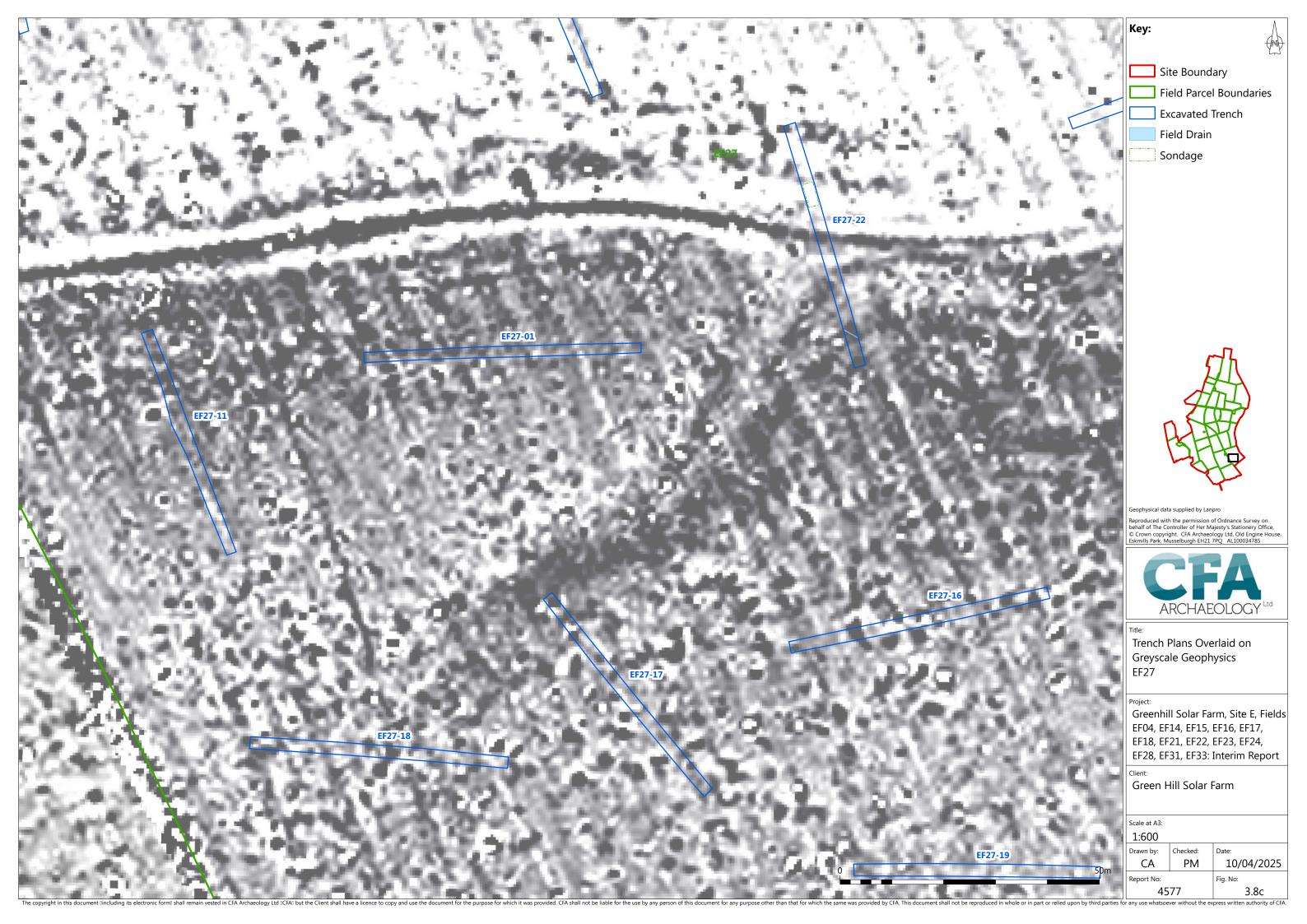


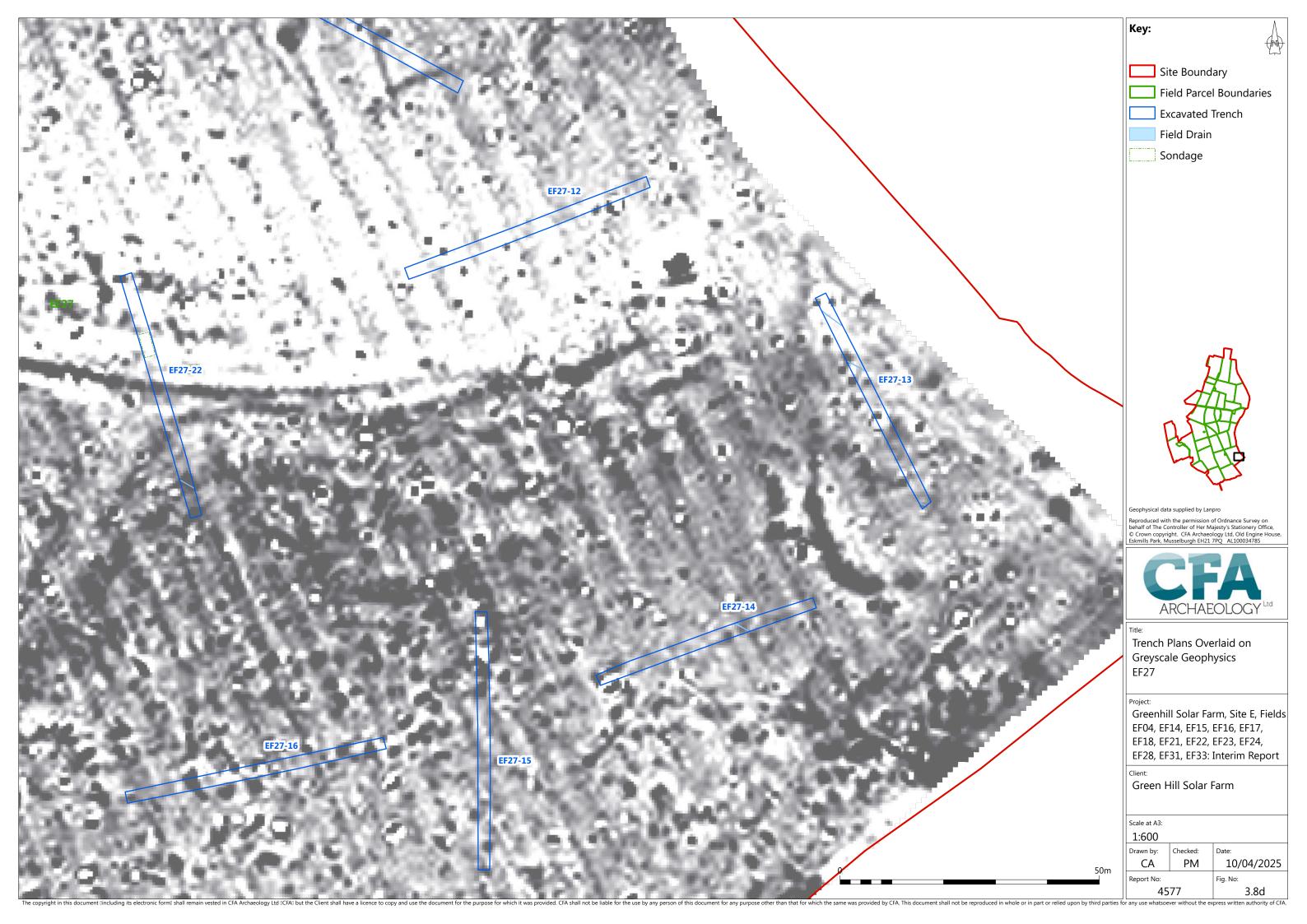




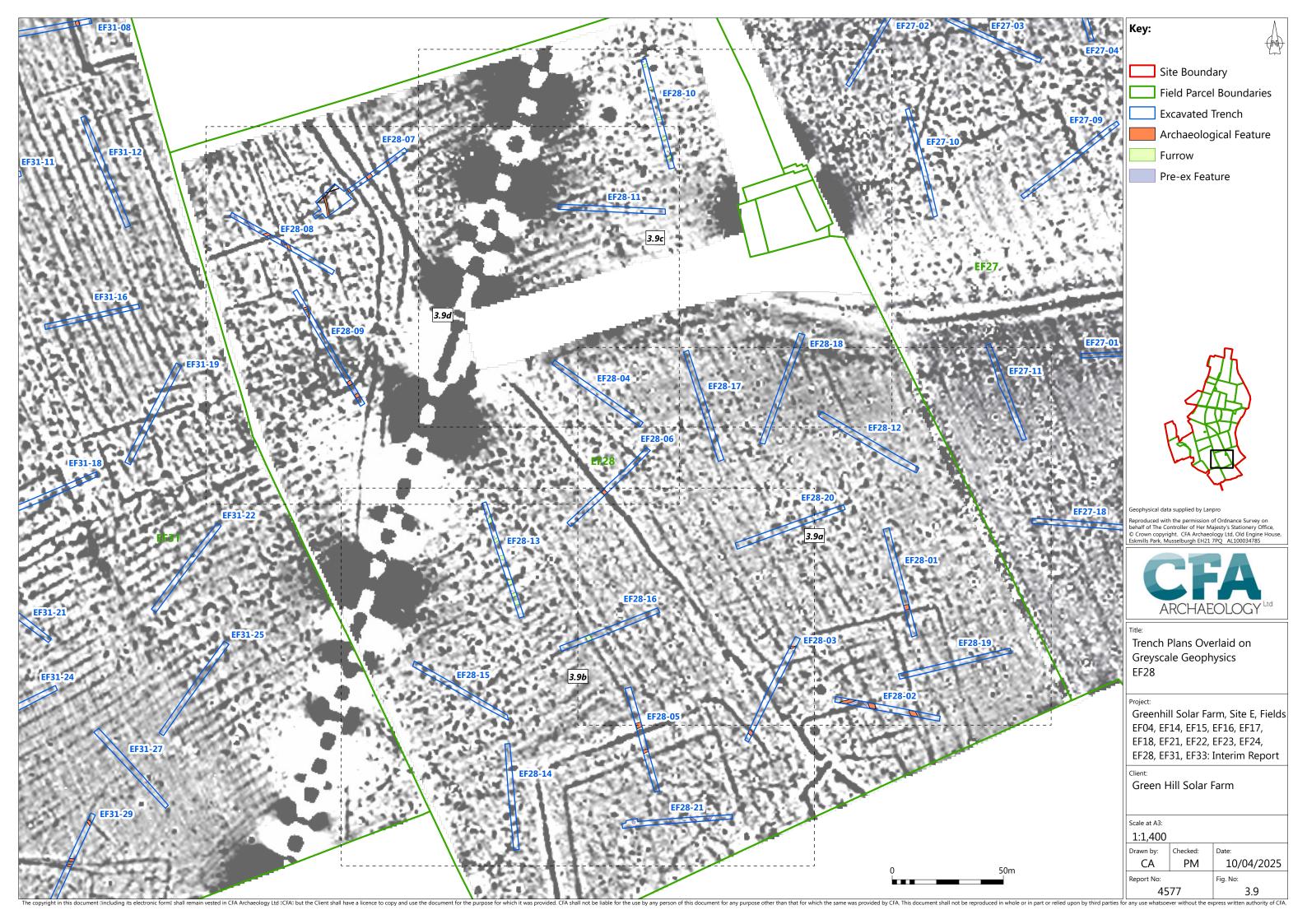


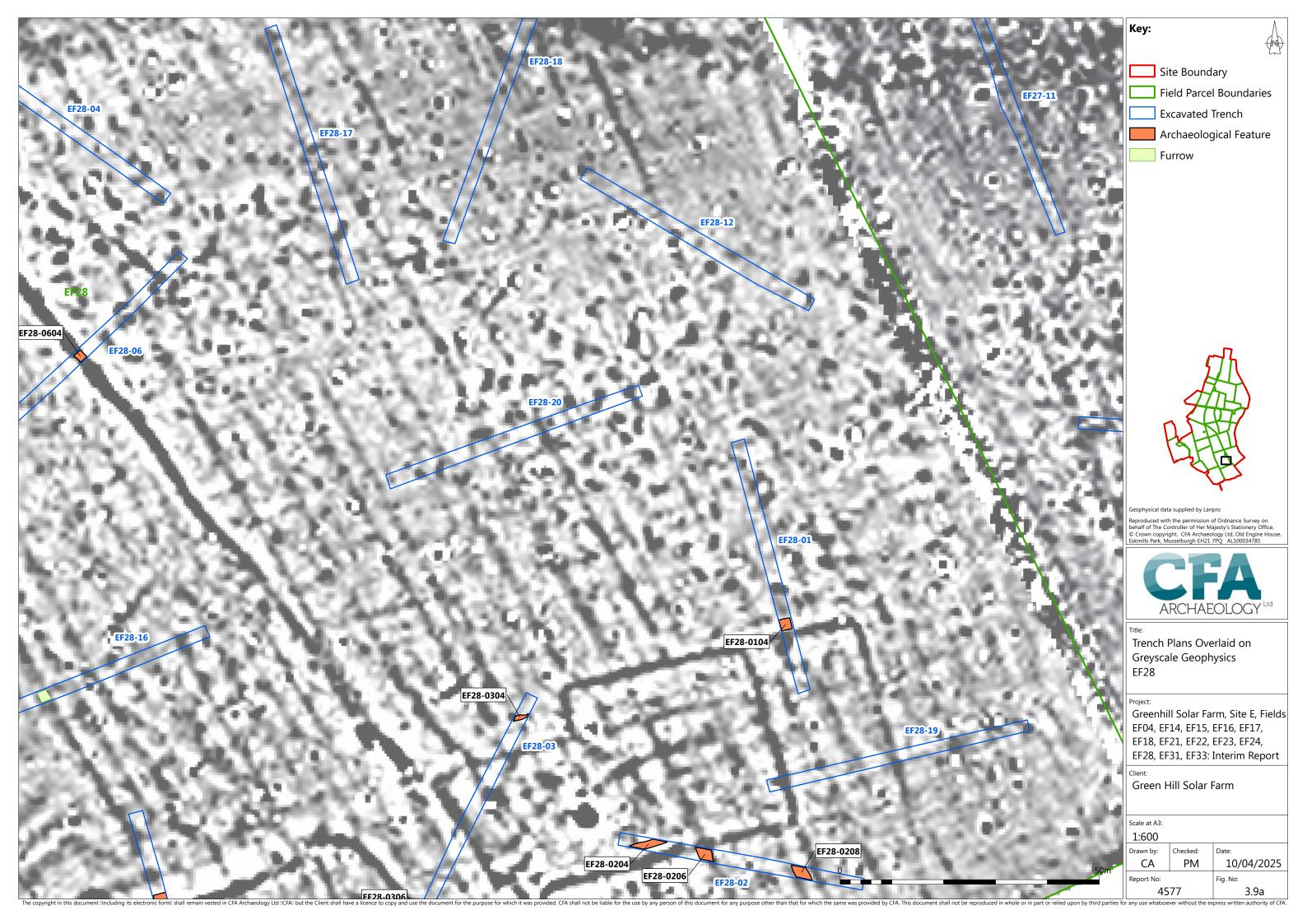


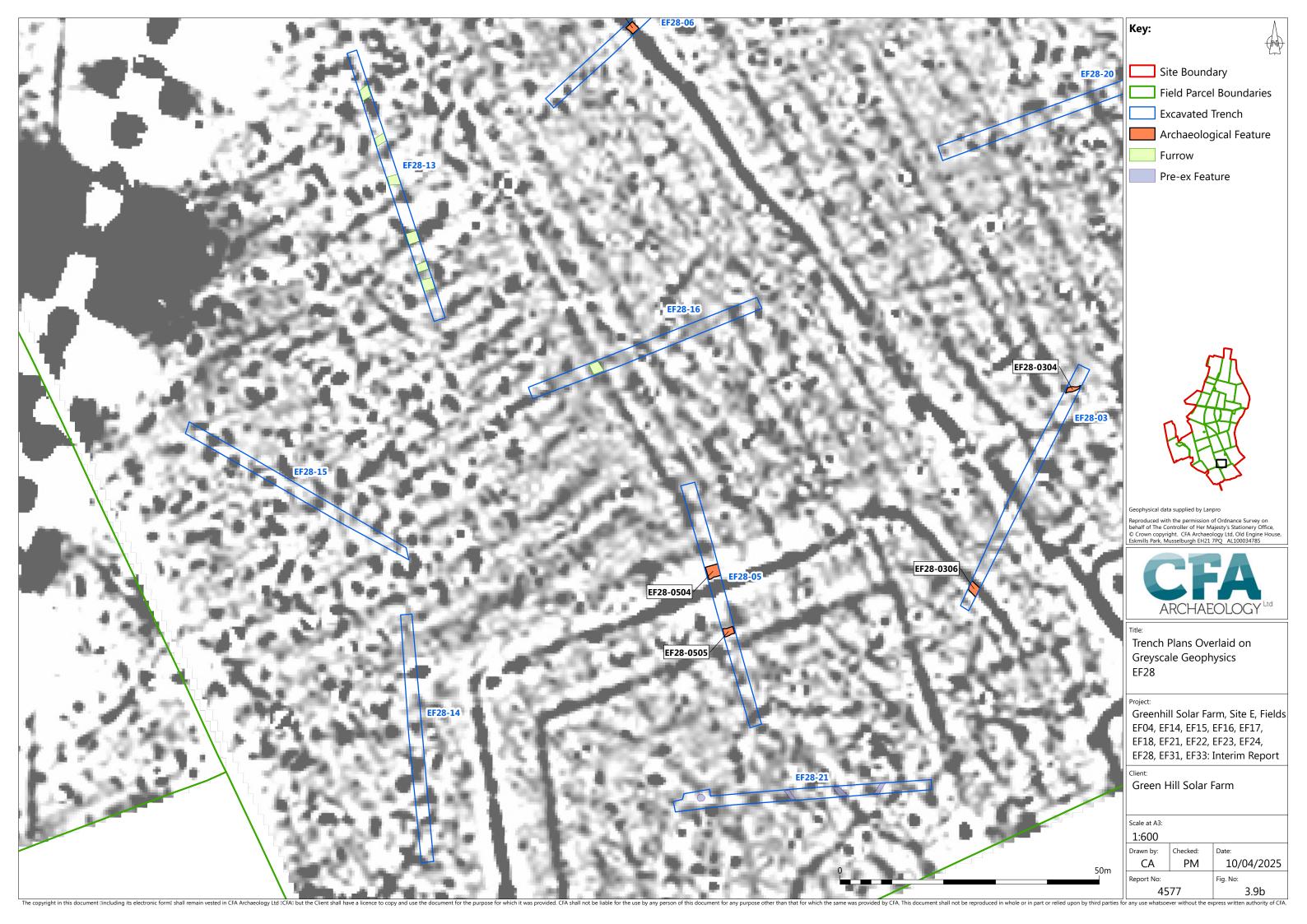


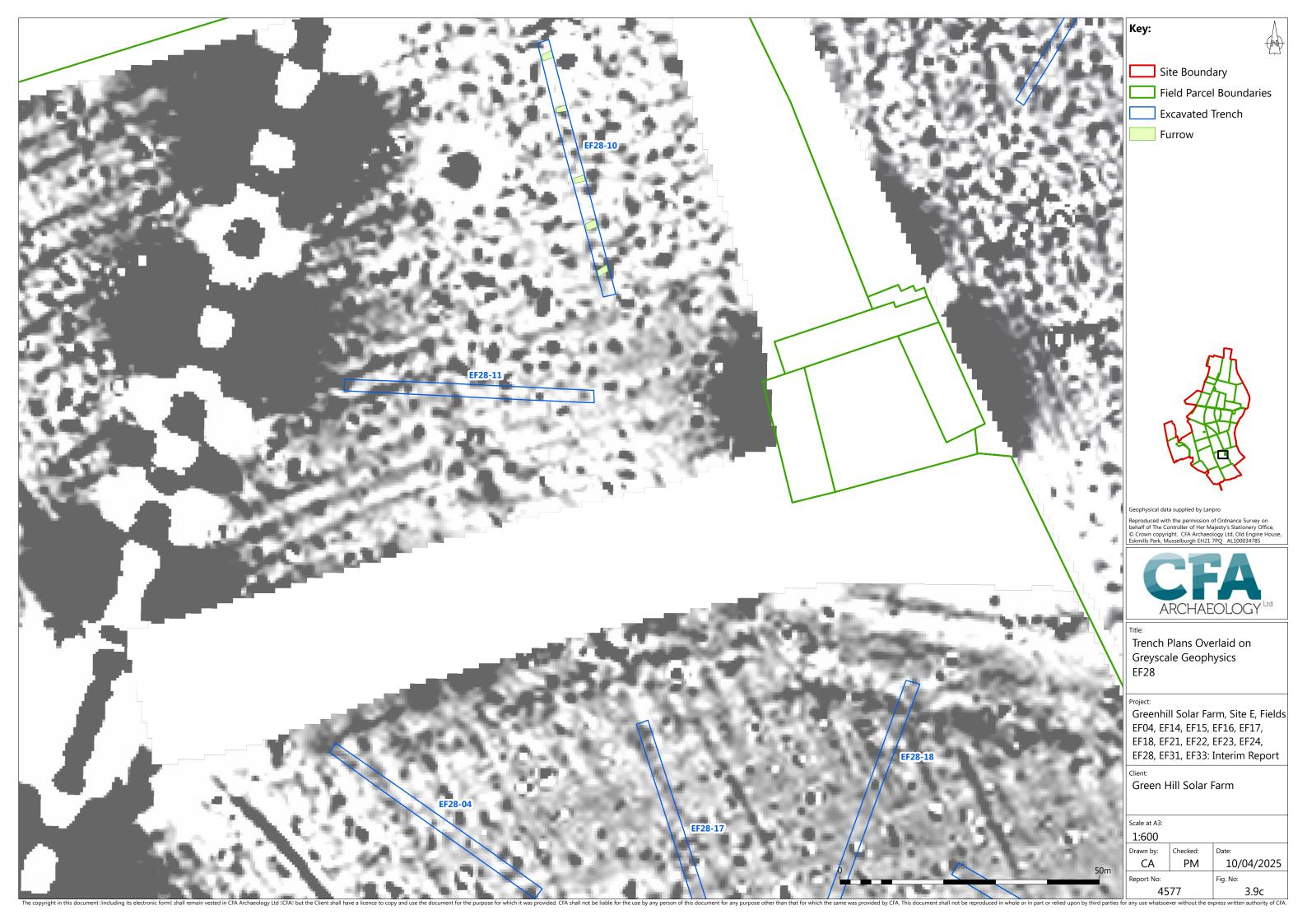


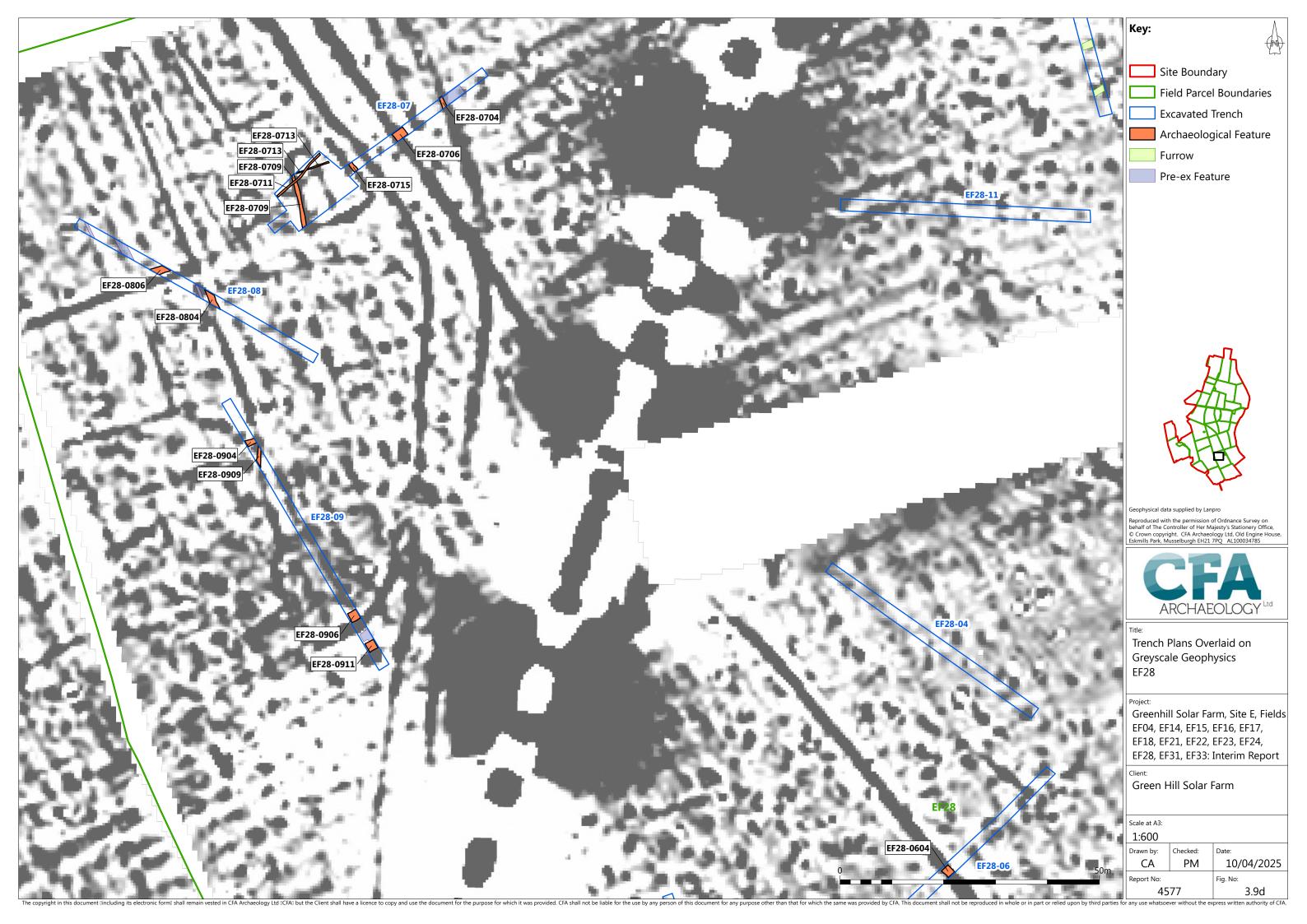


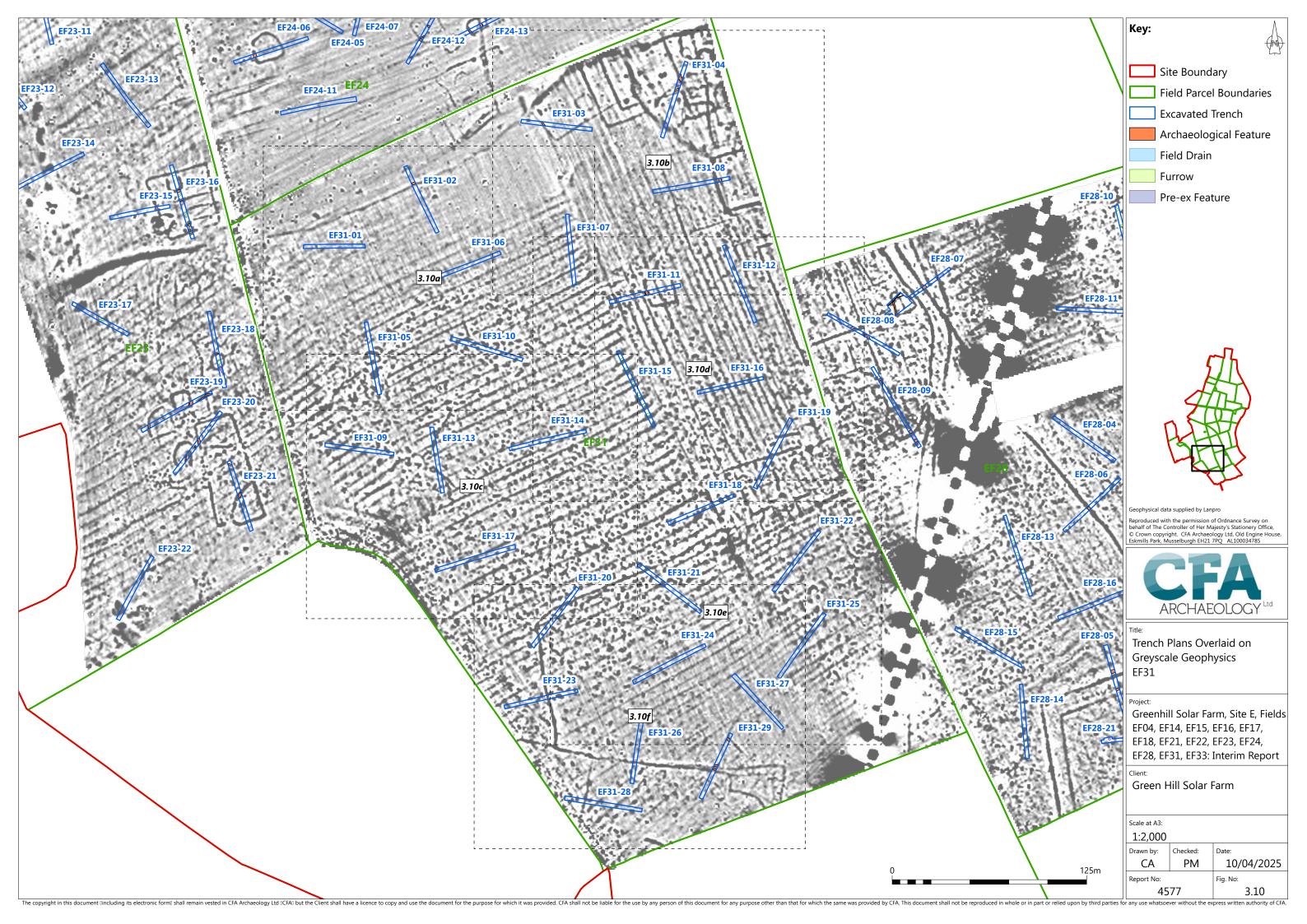


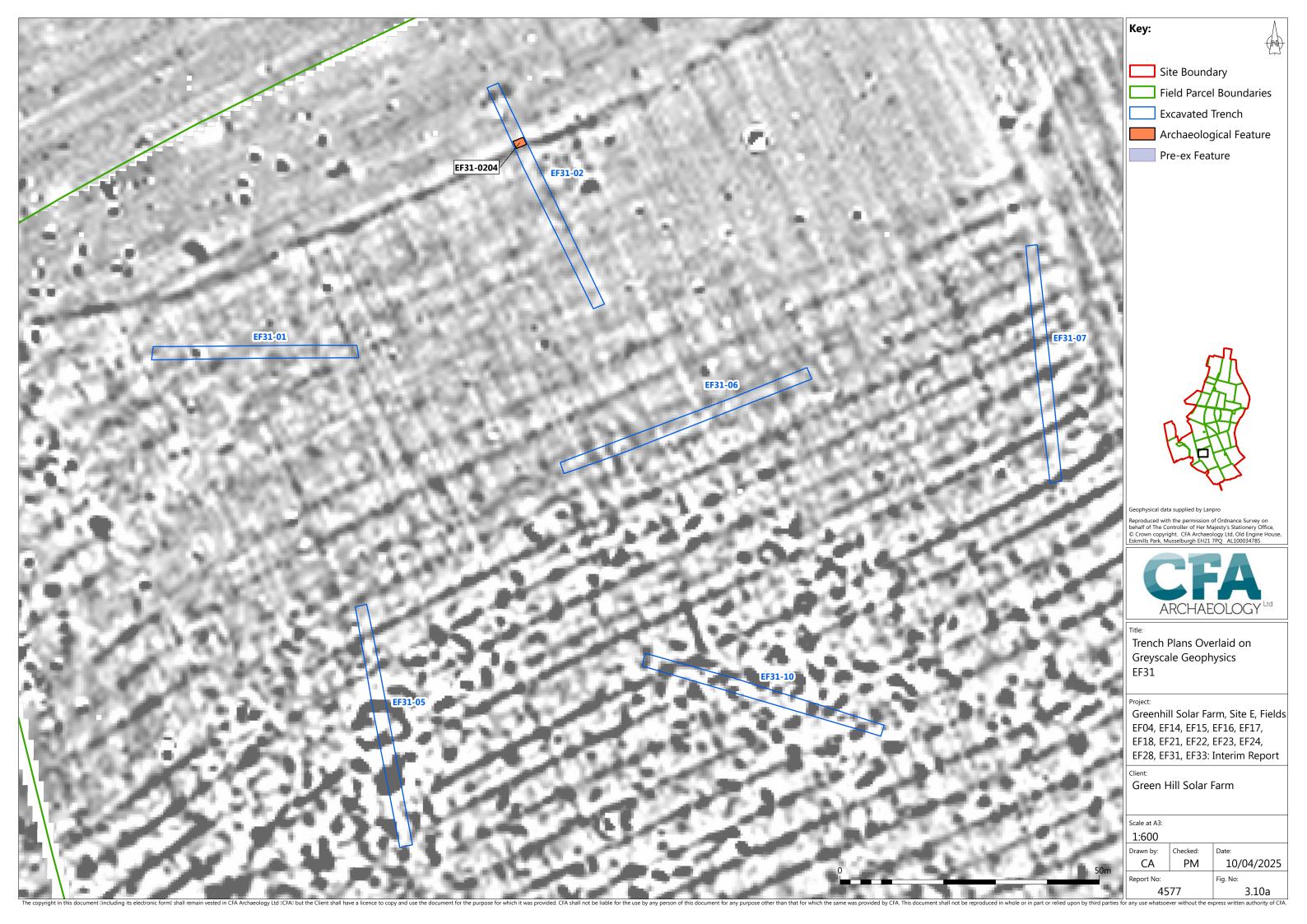




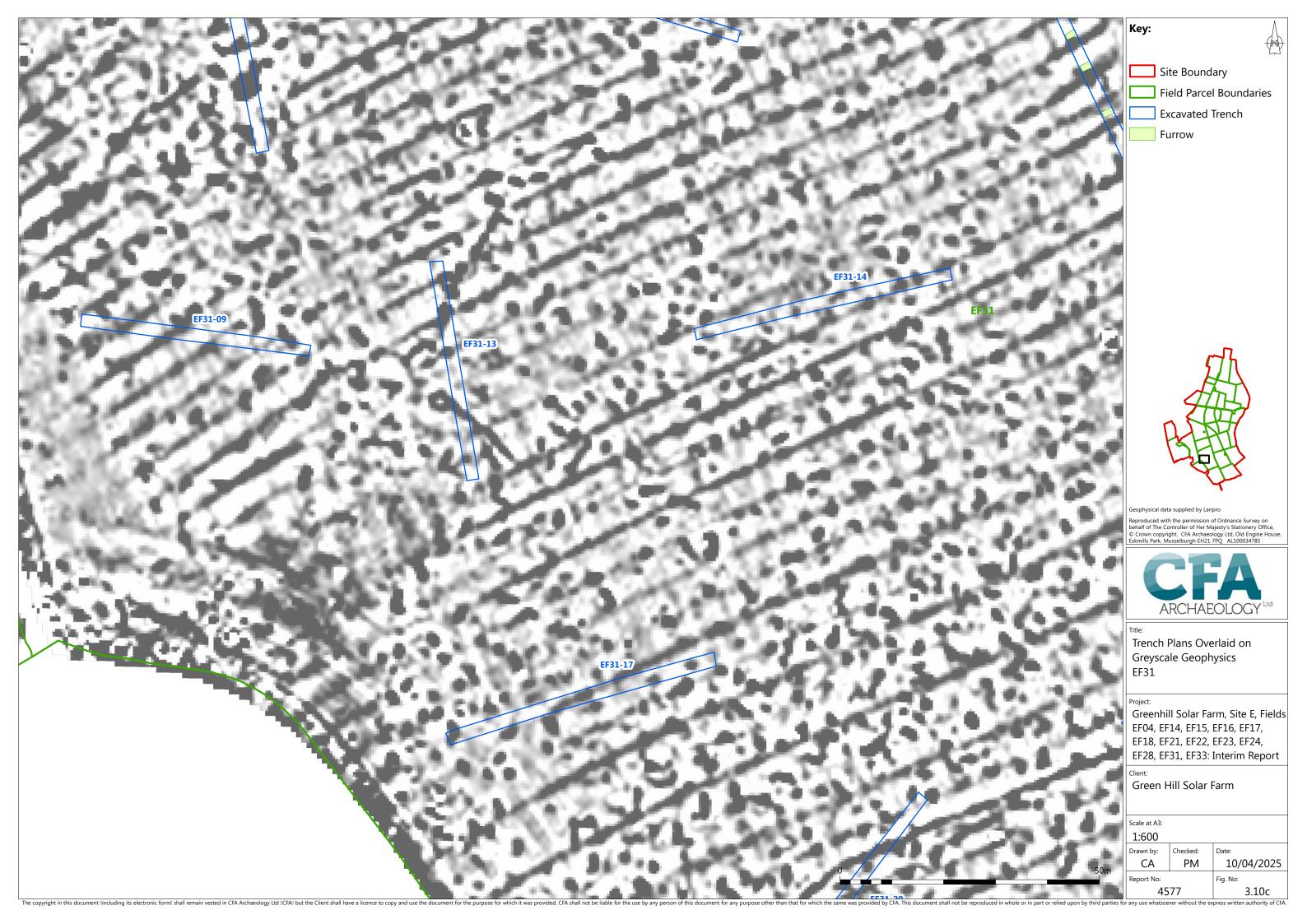




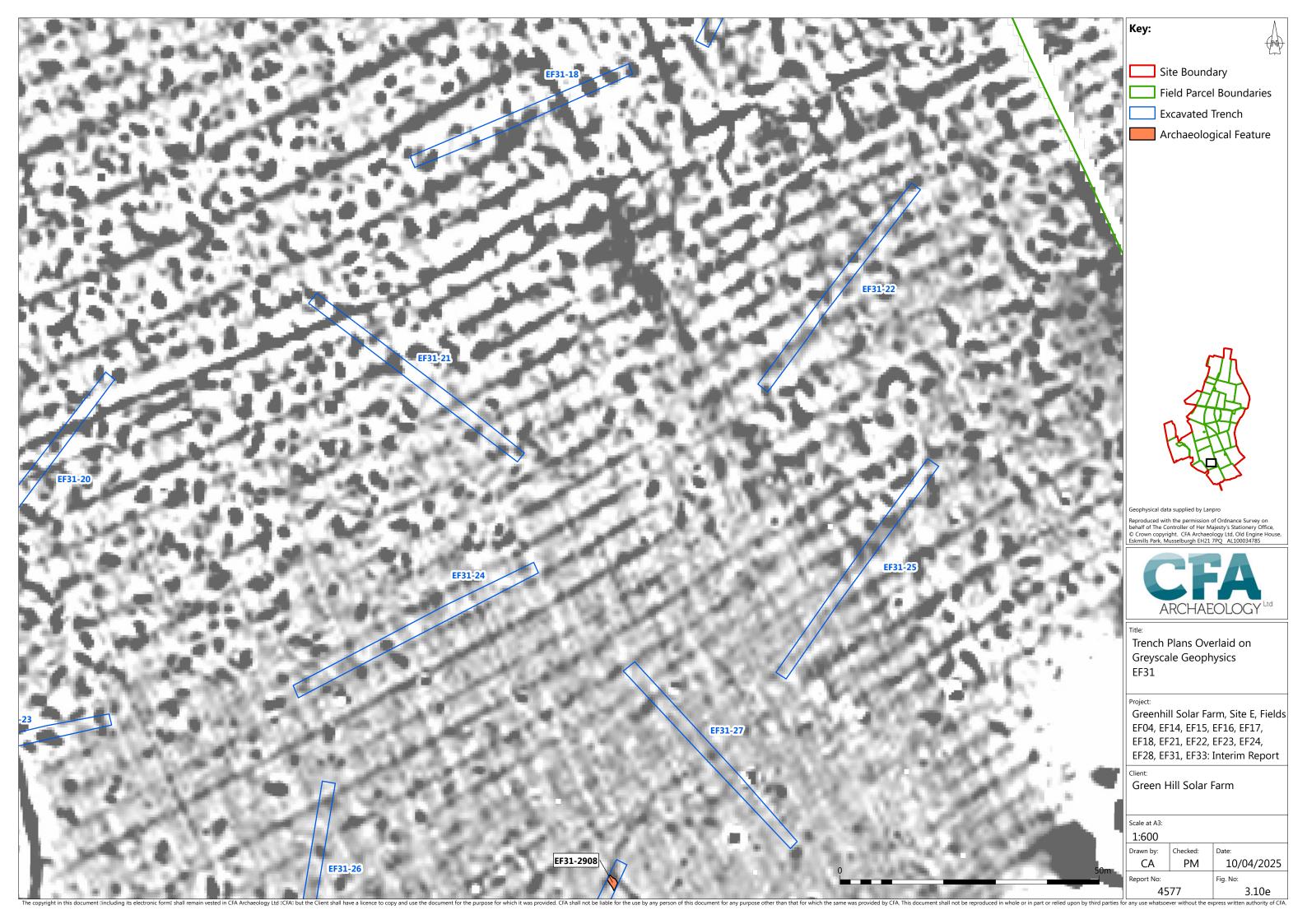




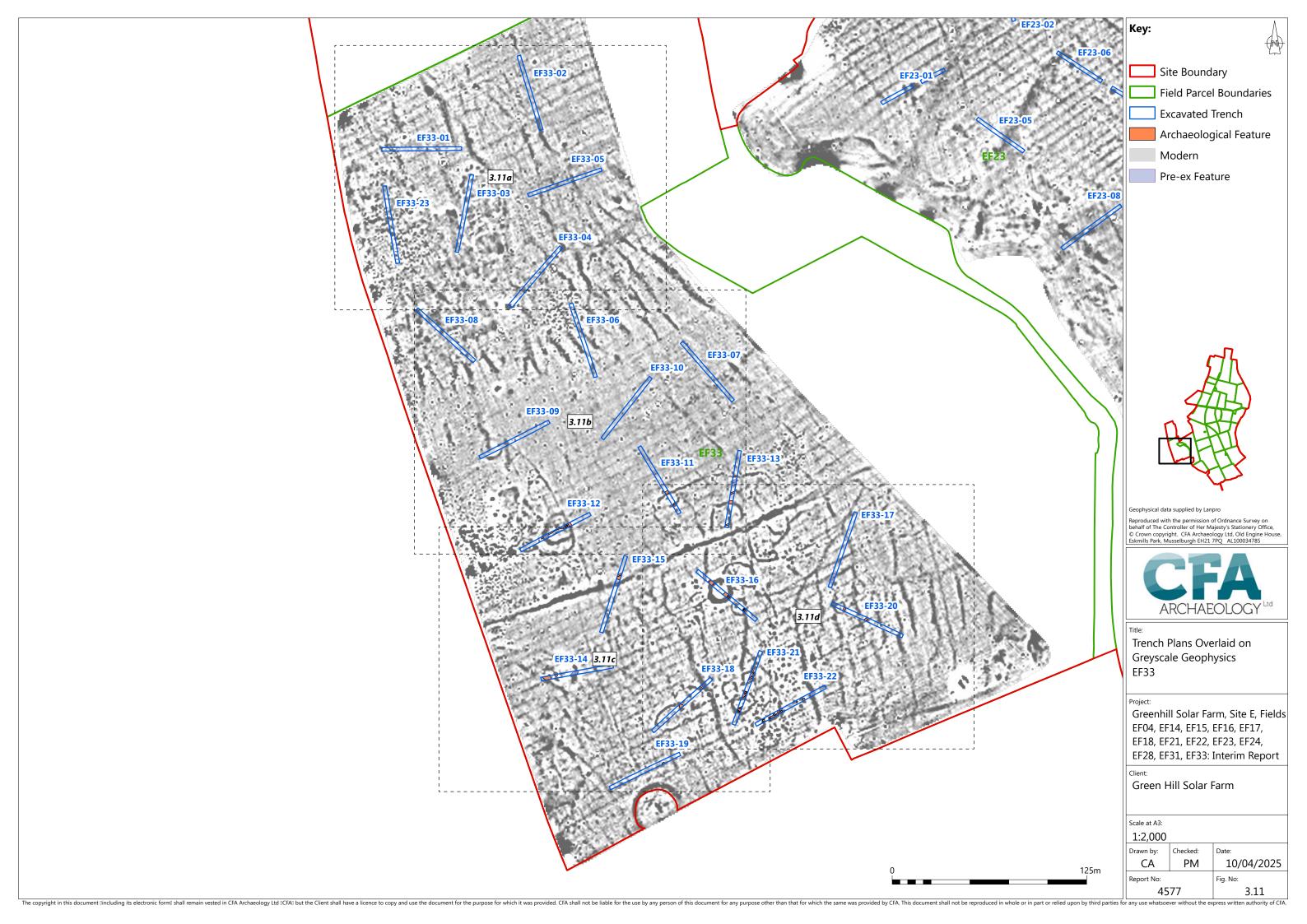




















Appendix 1: Trench Depths Summary

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF04-01	0.16-025	0.16-0.48	0.32-0.73
EF04-02	0.3-0.35	0.21-0.23	0.51-0.58
EF04-03	0.2-0.26	0.18-0.25	0.38-0.51
EF04-04	0.23-0.24	0.16-0.17	0.39-0.43
EF04-05	0.2	0.05-0.07	0.25-0.27
EF04-06	0.1-0.15	0.09-0.11	0.19-0.26
EF04-07	0.22-0.26	0.14-0.18	0.38-0.44
EF04-08	0.25	0.15-0.18	0.4-0.43
EF04-09	0.16-0.24	0.18-0.2	0.34-0.44
EF04-10	0.2-0.24	0.14-0.24	0.34-0.48
EF04-11	0.2-0.25	0.05-0.1	0.25-0.25
EF04-12	0.2-0.28	0.16-0.18	0.36-0.46
EF04-13	0.2-0.26	0.06-0.04	0.24-0.32
EF04-14	0.19-0.24	0.05-0.09	0.24-0.33
EF04-15	0.22-0.3	0.08-0.1	0.3-0.4
EF04-16	0.24-0.26	0.08	0.32-0.34
EF04-17	0.2-0.23	0.04-0.1	0.24-0.33
EF04-18	0.24-0.33	0.04-0.12	0.28-0.45
EF04-19	0.22-0.27	0.09-0.15	0.31-0.42
EF04-20	0.25-0.29	0.1	0.35-0.39
EF04-21	0.22-0.27	0.08	0.3-0.35
EF04-22	0.21-0.23	0.18-0.28	0.39-0.51
EF04-23	0.12-0.14	0.18-0.22	0.3-0.36
EF04-24	0.22-0.24	0.04-0.06	0.26-0.3
EF04-25	0.24-0.29	0.1	0.34-0.39
EF04-26	0.24-0.27	0.1	0.34-0.37
EF04-27	0.17-0.23	0.15-0.42	0.32-0.65
EF04-28	0.15-018	0.22-0.24	0.37-0.42
EF14-01	0.2-0.23	0.2-0.22	0.4-0.45
EF14-02	0.22-0.25	0.1-0.18	0.32-0.43
EF14-03	0.2-0.22	0.1-0.17	0.3-0.39
EF14-04	0.13-0.17	0.24-0.3	0.37-0.47
EF14-05	0.33-0.35	0.3	0.63-0.65
EF14-06	0.25-0.28	0.2	0.45-0.48
EF14-07	0.25-0.27	0.15-0.2	0.35-0.47
EF14-08	0.15-0.18	0.2-0.23	0.35-0.41
EF14-09	0.16	0.32-0.36	0.48-0.52
EF14-10	0.32-0.35	0.12-0.17	0.44-0.62
EF14-11	0.2-0.28	0.16-0.88	0.36-1.16
EF14-12	0.3-0.38	0.23-0.34	0.53-0.72
EF14-13	0.26-0.3	0.13-0.2	0.39-0.5
EF14-14	0.2	0.15-0.22	0.35-0.42
EF14-15	0.1-0.15	0.14-0.26	0.28-0.41
EF14-16	0.21-0.24	0.1-0.2	0.31-0.44
EF15-01	0.2-0.28	0.6-0.77	0.8-1.05
EF15-02	0.3-0.4	0.25-0.35	0.55-0.75
EF15-03	0.3-0.4	0.37	0.67-0.77

Green Hill Solar Project Site E: Fields EF04, EF14, EF15, EF16, EF17, EF18, EF21, EF22, EF23, EF24, EF27, EF28, EF31, EF33: Interim Report for Evaluation Trenching

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF15-04	0.32-0.35	0.4	0.72-0.75
EF15-05	0.35-0.4	0.38-0.43	0.72-0.83
EF15-06	0.3	0.25-0.5	0.55-0.8
EF15-07	0.3-0.33	0.35-0.4	0.65-0.73
EF16-01	0.3	0.33	0.63
EF16-02	0.3	0.3-0.4	0.6-0.7
EF16-03	0.3-0.32	0.35	0.65-0.67
EF16-04	0.3	0.2-0.25	0.5-0.55
EF16-05	0.25-0.3	0.15-0.2	0.4-0.5
EF16-06	0.32-0.38	0.18-0.2	0.5-0.58
EF16-07	0.3-0.33	0.2-0.27	0.5-0.6
EF16-08	0.25-0.28	0.18-0.2	0.43-0.48
EF16-09	0.35-0.38	0.2-0.3	0.55-0.68
EF16-10	0.25-0.28	0.08-0.14	0.33-0.42
EF16-11	0.28-0.32	0.35-0.42	0.63-0.74
EF16-12	0.25-0.31	0.2-0.28	0.45-0.59
EF16-13	0.3-0.33	0.28-0.4	0.58-0.73
EF17-01	0.3	0.1	0.4
EF17-02	0.25-0.3	0.1-0.2	0.35-0.5
EF17-03	0.2-0.3	0.1-0.2	0.3-0.5
EF17-04	0.2-0.28	0.3-0.28	0.5-0.58
EF17-05	0.3-0.4	0.2	0.5-0.6
EF17-06	0.3-0.4	0.4-0.9	0.7-1.3
EF17-07	0.2-0.3	0.1-0.2	0.3-0.5
EF17-08	0.28-0.38	0.12-0.19	0.4-0.57
EF17-09	0.25-0.32	0.12-0.26	0.37-0.58
EF17-10	0.28-0.37	0.1-0.14	0.38-0.47
EF17-11	0.22-0.34	0.09-0.2	0.31-0.54
EF17-12	0.26-0.29	0.16-0.23	0.42-0.52
EF17-13	0.2-0.3	0.1	0.3-0.4
EF18-01	0.27-0.3	0.05-0.02	0.35-0.29
EF18-02	0.28-0.3	0.1-0.14	0.38-0.44
EF18-03	0.26	0.02-0.04	0.28-0.3
EF18-04	0.24-0.27	0.03	0.27-0.3
EF18-05	0.18-0.22	0.02-0.04	0.2-0.26
EF18-06	0.25-0.3	0.2-0.25	0.45-0.55
EF18-07	0.26	0.03	0.29
EF18-08	0.28	0.03	0.31
EF18-09	0.2	0.1-0.15	0.3-0.35
EF18-10	0.2-0.23	0.17-0.2	0.4
EF18-11	0.2	0.1	0.3
EF18-12	0.22-0.27	0.04	0.26-0.31
EF18-13	0.2-0.22	0.22-0.35	0.42-0.57
EF18-14	0.24-0.28	0.03-0.05	0.27-0.33
EF18-15	0.25	0.35	0.6
EF18-16	0.25-0.28	0.15-0.18	0.4-0.56
EF21-01	0.16	0.1-0.13	0.26-0.29

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF21-02	0.16-0.18	0.12-0.19	0.28-0.37
EF21-03	0.24-0.28	0.27-0.32	0.51-0.6
EF21-04	0.16-0.18	0.11-0.14	0.27-0.32
EF21-05	0.18-0.23	0.21	0.39-0.44
EF21-06	0.12-0.17	0.25-0.3	0.37-0.47
EF21-07	0.13-0.15	0.23-0.27	0.36-0.42
EF21-08	0.28 (avg)	0.27 (avg.)	0.44 (avg.)
EF22-01	0.4	0.4-0.7	0.8-1.1
EF22-02	0.3	0.1-0.6	0.4-1.0
EF22-03	0.27-0.3	0.2	0.47-0.5
EF22-04	0.3-0.32	0.05-0.1	0.35-0.42
EF22-05	0.27-0.3	0.1	0.37-0.4
EF22-06	0.35-0.37	0.15-0.2	0.5-0.57
EF22-07	0.2-0.25	0.1-0.2	0.30-0.45
EF22-08	0.3	0.13-0.15	0.43-0.45
EF22-09	0.2-0.25	0.1-0.2	0.30-0.45
EF22-10	0.3	0.13-0.15	0.43-0.45
EF22-11	0.35-0.37	0.15-0.2	0.5-0.57
EF22-12	0.3-0.33	0.15-0.2	0.45-0.53
EF22-13	0.25-0.3	0.22-0.3	0.47-0.6
EF22-14	0.22-0.37	0.1	0.32-0.47
EF22-15	0.28-0.33	0.09-0.2	0.37-0.53
EF22-16	0.25-0.3	0.1-0.2	0.4-0.45
EF22-17	0.3	0.1-0.15	0.4-0.45
EF22-18	0.2-0.3	0.1-0.16	0.36-0.4
EF22-19	0.25-35	0.2-0.25	0.5055
EF22-20	0.25-0.3	0.15-0.3	0.45-0.6
EF23-01	0.2-0.25	0.4	0.6-0.65
EF23-02	0.304	0.2	0.5-0.6
EF23-03	0.304	0.2	0.5-0.6
EF23-04	0.3-0.4	0.1-0.3	0.4-0.7
EF23-05	0.3	0.2	0.5
EF23-06	0.27-0.3	0.15-0.18	0.42-0.48
EF23-07	0.25-0.35	0.1	0.35-0.45
EF23-08	0.2-0.3	0.55-1.0	0.75-1.3
EF23-09	0.2-0.25	0.1-0.2	0.3-0.45
EF23-10	0.25-0.27	0.05-0.4	0.32-0.65
EF23-11	0.2-0.25	0.05-0.1	0.25-0.35
EF23-12	0.26-0.45	0.15-0.45	0.4-0.9
EF23-13	0.26-0.3	0.2	0.46-0.56
EF23-14	0.3	0.15	0.45
EF23-15	0.2-0.5	0.1-0.3	0.3-0.6
EF23-16	0.2-0.26	0.15-0.23	0.35-049
EF23-17	0.2-0.23	0.07	0.27-0.3
EF23-18	0.25-0.35	0.1-0.2	0.35-0.55
EF23-19	0.25-0.28	0.1	0.35-0.38
EF23-20	0.28	0.1-0.35	0.38-0.63

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF23-21	0.3	0.1	0.4
EF23-22	0.3	0.1	0.4
EF24-01	0.28-0.3	0.02-0.1	0.3-0.4
EF24-02	0.25-0.35	0.1	0.35-0.45
EF24-03	0.2-0.3	0.1-0.2	0.4-0.5
EF24-04	0.2-0.46	0.1-0.22	0.38-0.56
EF24-05	0.2-0.32	0.08-0.1	0.3-0.4
EF24-06	0.3	0.1-0.2	0.4-0.5
EF24-07	0.3-0.35	0.125	0.4-0.6
EF24-08	0.2-0.3	0.06-0.1	0.26-0.4
EF24-09	0.2	0.1-0.12	0.3-0.32
EF24-10	0.2-0.27	0.1-0.15	0.3-0.42
EF24-11	0.23-0.3	0.08-0.1	0.31-0.4
EF24-12	0.2-0.26	0.08-0.16	0.28-0.42
EF24-13	0.2-0.3	0.1-0.25	0.3-0.45
EF24-14	0.2-0.25	0.15-0.25	0.35-0.5
EF27-01	0.23-0.25	0.02	0.25-0.27
EF27-02	0.2-0.25	0.1-0.13	0.3-0.38
EF27-03	0.22-0.25	0.02-0.03	0.24-0.28
EF27-04	0.26-0.3	0.08-0.1	0.34-0.4
EF27-05	0.22-0.28	0.1	0.32-0.38
EF27-06	0.3-0.34	0.2-0.22	0.5-0.55
EF27-07	0.3-0.35	0.05-0.1	0.35-0.42
EF27-08	0.25-0.28	0.1-0.12	0.35-0.4
EF27-09	0.28-0.29	0.02-0.03	0.31
EF27-10	0.22-0.25	0.05	0.27-0.3
EF27-11	0.18-0.3	0.08-0.3	0.26-0.6
EF27-12	0.25-0.3	0.07-0.1	0.32-0.4
EF27-13	0.3-0.35	0.1-0.15	0.4-0.5
EF27-14	0.25-0.3	0.1-0.15	0.3-0.4
EF27-15	0.2-0.25	0.15-0.17	0.35-0.42
EF27-16	0.2-0.25	0.1-0.12	0.3-0.37
EF27-17	0.18-0.35	0.1-0.18	0.28-0.53
EF27-18	0.13-0.2	0.08-0.15	0.21-0.35
EF27-19	0.3-0.32	0.12-0.15	0.42-0.47
EF27-20	0.18	0.08-0.1	0.26-0.26
EF27-21	0.27-0.3	0.05-0.1	0.37-0.4
EF27-22	0.28-0.3	0.1-0.12	0.38-0.4
EF27-23	0.28-0.3	0.1-0.15	0.38-0.45
EF28-01	0.2-0.3	0.15	0.35-0.45
EF28-02	0.2-0.3	0.17-0.25	0.37-0.55
EF28-03	0.3-0.4	0.26-0.37	0.56-0.77
EF28-04	0.25-0.38	0.03-0.06	0.28-0.44
EF28-05	0.15-0.25	0.1-0.2	0.25-0.45
EF28-06	0.28-0.3	0.1	0.38-0.4
EF28-07	0.3	0.1	0.4
EF28-08	0.27-0.3	0.1	0.37-0.4

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF28-09	0.3	0.1	0.4
EF28-10	0.28	0.1	0.38
EF28-11	0.2-0.3	-	0.2-0.3
EF28-12	0.22-0.3	0.15-0.25	0.37-0.55
EF28-13	0.2-0.24	0.1	0.3-0.24
EF28-14	0.25-0.28	0.1-0.15	0.35-0.43
EF28-15	0.25-0.3	0.15-0.2	0.4-0.5
EF28-16	0.15	0.1	0.25
EF28-17	0.23-0.3	0.02-0.1	0.25-0.4
EF28-18	0.25-0.4	0.02-0.05	0.27-0.45
EF28-19	0.25-0.41	0.02-0.05	0.27-0.46
EF28-20	0.2-0.25	0.16-0.25	0.36-0.5
EF31-01	0.3	0.15	0.45
EF31-02	0.3	0.1-0.2	0.4-0.5
EF31-03	0.3	0.15	0.45
EF31-04	0.4	0.1	0.5
EF31-05	0.3	0.1	0.4
EF31-06	0.3	0.15	0.45
EF31-07	0.3	0.2	0.5
EF31-08	0.3	0.15	0.45
EF31-09	0.2	0.1	0.3
EF31-10	0.2-0.35	0.2	0.4-0.55
EF31-11	0.3	0.15	0.45
EF31-12	0.2	0.1	0.3
EF31-13	0.3	0.1	0.4
EF31-14	0.3-0.4	0.1-0.2	0.4-0.5
EF31-15	0.25-0.35	0.15-0.2	0.4-0.55
EF31-16	0.25-0.3	0.08-0.15	0.33-0.45
EF31-17	0.3	0.15-0.2	0.45-0.5
EF31-18	0.25-0.3	0.2-0.4	0.45-0.7
EF31-19	0.23-0.27	0.15-0.2	0.38-0.47
EF31-20	0.25-0.3	0.12-0.15	0.37-0.45
EF31-21	0.2-0.25	0.15-0.2	0.4
EF31-22	0.25-0.3	0.1-0.15	0.35-0.45
EF31-23	0.27-0.4	0.07-0.4	0.35-0.65
EF31-24	0.3	0.1-0.15	0.4-0.45
EF31-25	0.25-0.4	0.1-0.2	0.35-0.5
EF31-26	0.25-0.27	0.1-0.15	0.35-0.42
EF31-27	0.2	0.05-0.08	0.25-0.28
EF31-28	0.27-0.35	0.12-0.2	0.39-0.55
EF31-29	0.2	0.1	0.3
EF33-01	0.25-0.3	0.15	0.4-0.45
EF33-02	0.22-0.3	0.2-0.3	0.5-0.55
EF33-03	0.32-0.39	0.1-0.2	0.42-0.52
EF33-04	0.23-0.25	0.1-0.15	0.33-0.4
EF33-05	0.2-0.25	0.2	0.4-0.45
EF31-06	0.25	0.2	0.45

Trench	Topsoil depth (M)	Subsoil Depth (M)	Trench Depth (M)
EF33-07	0.3	0.22-0.35	0.5-0.65
EF33-08	0.25-0.3	0.17-0.25	0.42-0.55
EF33-09	0.3-0.35	0.25	0.55-0.6
EF33-10	0.26-0.3	0.15-0.2	0.4-0.5
EF33-11	0.3-0.33	0.2	0.5-0.53
EF33-12	0.24-0.27	0.2-0.3	0.44-0.5
EF33-13	0.3-0.37	0.13-0.27	0.43-0.57
EF33-14	0.3-0.35	0.12-0.25	0.42-0.6
EF33-15	0.27	0.2-0.25	0.47-0.52
EF33-16	0.4	0.15-0.3	0.55-0.7
EF33-17	0.23-0.28	0.25-0.35	0.48-0.6
EF33-18	0.25-0.3	0.2	0.45-0.5
EF33-19	0.3	0.17-0.21	0.47-0.51
EF33-20	0.25-0.3	0.2	0.45-0.5
EF33-21	0.24-0.28	0.2	0.44-0.48
EF33-22	0.3	0.22-0.35	0.52-0.65
EF33-23	0.2-0.28	0.05-0.12	0.25-0.4

OASIS Summary for cfaarcha1-531971

OASIS ID (UID)	cfaarcha1-531971
Project Name	Archaeological Evaluation at Greenhill Solar Farm
Sitename	Greenhill Solar Farm: Site A2, Green Hill Solar, Site C, North Northamptonshire, United Kingdom, Green Hill Solar, Site E, West Northamptonshire, United Kingdom, Green Hill Solar Farm, Site A, Northamptonshire, Green Hill Solar Farm, Site B, Northamptonshire
Sitecode	GHSO, GHSO2, GHSO5, GHSO3, GHSO4
Project Identifier(s)	GHSO
Activity type	Evaluation
Planning Id	
Reason For Investigation	Planning: Pre application
Organisation Responsible for work	CFA Archaeology Ltd, Lanpro Archaeology + Heritage
Project Dates	05-Aug-2024 - 14-Mar-2025
Location	Greenhill Solar Farm: Site A2
	NGR : SP 82245 72912
	LL: 52.348121009528036, -0.794024387778809
	12 Fig : 482245,272912
	Green Hill Solar, Site C, North Northamptonshire, United Kingdom
	NGR : SP 89169 67889
	LL: 52.30189012757474, -0.693731233477592
	12 Fig : 489169,267889
	NGR : SP 83473 68395
	LL: 52.30733605482163, -0.7771241593268
	12 Fig : 483473,268395
	Green Hill Solar, Site E, West Northamptonshire, United Kingdom
	NGR : SP 80219 72183
	LL: 52.34186503070412, -0.823932364583015
	12 Fig : 480219,272183
	NGR : SP 80557 73653
	LL: 52.35503552761861, -0.818615495602427
	12 Fig : 480557,273653
	Green Hill Solar Farm, Site A, Northamptonshire
	NGR : SP 80333 73528
	LL : 52.3539408089448, -0.821939853235936
	12 Fig : 480333,273528
	Green Hill Solar Farm, Site B, Northamptonshire
	NGR : SP 79327 68435
	LL: 52.3083094990601, -0.837907204714243
	12 Fig : 479327,268435
	12 1 1g . T1 3021,200T00

Administrative Areas	Country: England
	1
	County/Local Authority: West Northamptonshire
	Local Authority District : West Northamptonshire
	Parish: Walgrave
	County/Local Authority: North Northamptonshire
	Local Authority District : North Northamptonshire
	Parish : Wellingborough, unparished area
	Parish : Mears Ashby
	Parish : Sywell
	Parish : Old
	Parish : Holcot
Project Methodology	The proposed Green Hill Solar Farm comprises nine sites (Green Hill A, A2, B, C, D, E, F,
	G, and BESS). Eight of the sites are located between Northampton and Wellingborough
	in Northamptonshire (Green Hill A to F and BESS). Site G is located to the north of
	Lavendon in Milton Keynes, Buckinghamshire. Collectively, the sites cover
	approximately 1224ha within a swathe of land measuring approximately 23km from
	north to south and11.5km from east to west.
	During the excavation of the evaluation trenches, the topsoil and recent overburden were removed down to the natural substrate in successive level spits of a maximum 0.2m thickness, using a tracked machine equipped with a wide toothless ditching bucket. The groundwork was carried out under direct archaeological supervision. All the exposed features were cleaned and excavated by hand. The sections of the excavated features were drawn at a 1:10 scale and planned at a 1:20 scale.
	All archaeological features were scanned with an XR ADX150 metal detector prior, during, and after excavation. The trenches and all archaeological remains were surveyed and tied into the National Grid using a Trimble GPS.
Project Results	Archaeological evaluation trial trenching was undertaken by CFA Archaeology Ltd at the proposed Green Hill Solar Farm from August 2024 to March 2025 to inform a planning application for a solar farm development.
	The archaeological features recorded across the Sites are indicative of rural settlement and agricultural practice dating from the Iron Age into the Roman periods.
	These features include rectilinear enclosures of varying complexity, probable round houses, and
	boundary ditches which may have served as land divisions or functional drainage.
Keywords	
Funder	Private or public corporation Greenhill Solar Farm Ltd
HER	Northamptonshire SMR - unRev - STANDARD
Person Responsible for work	
HER Identifiers	
Archives	