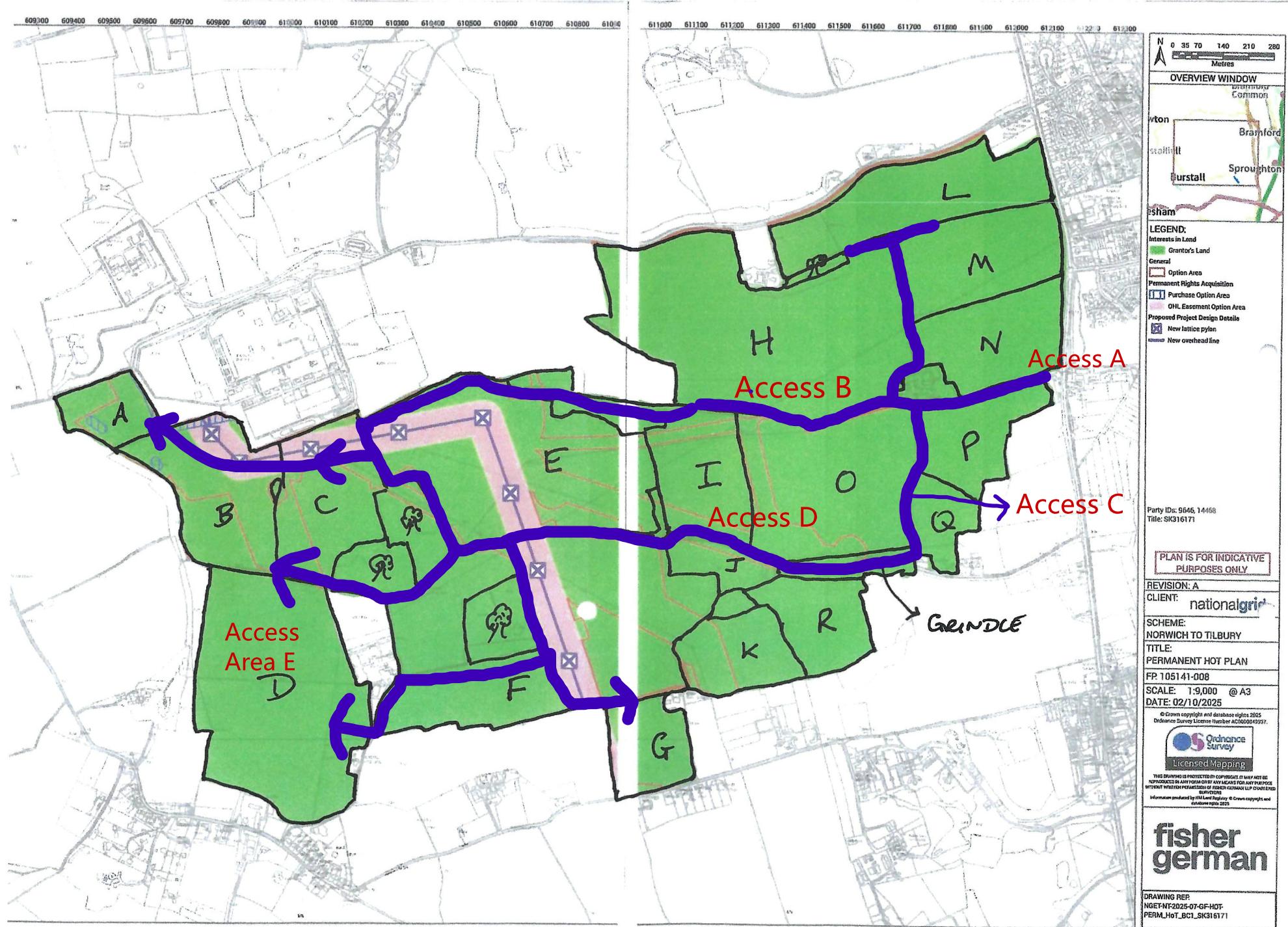
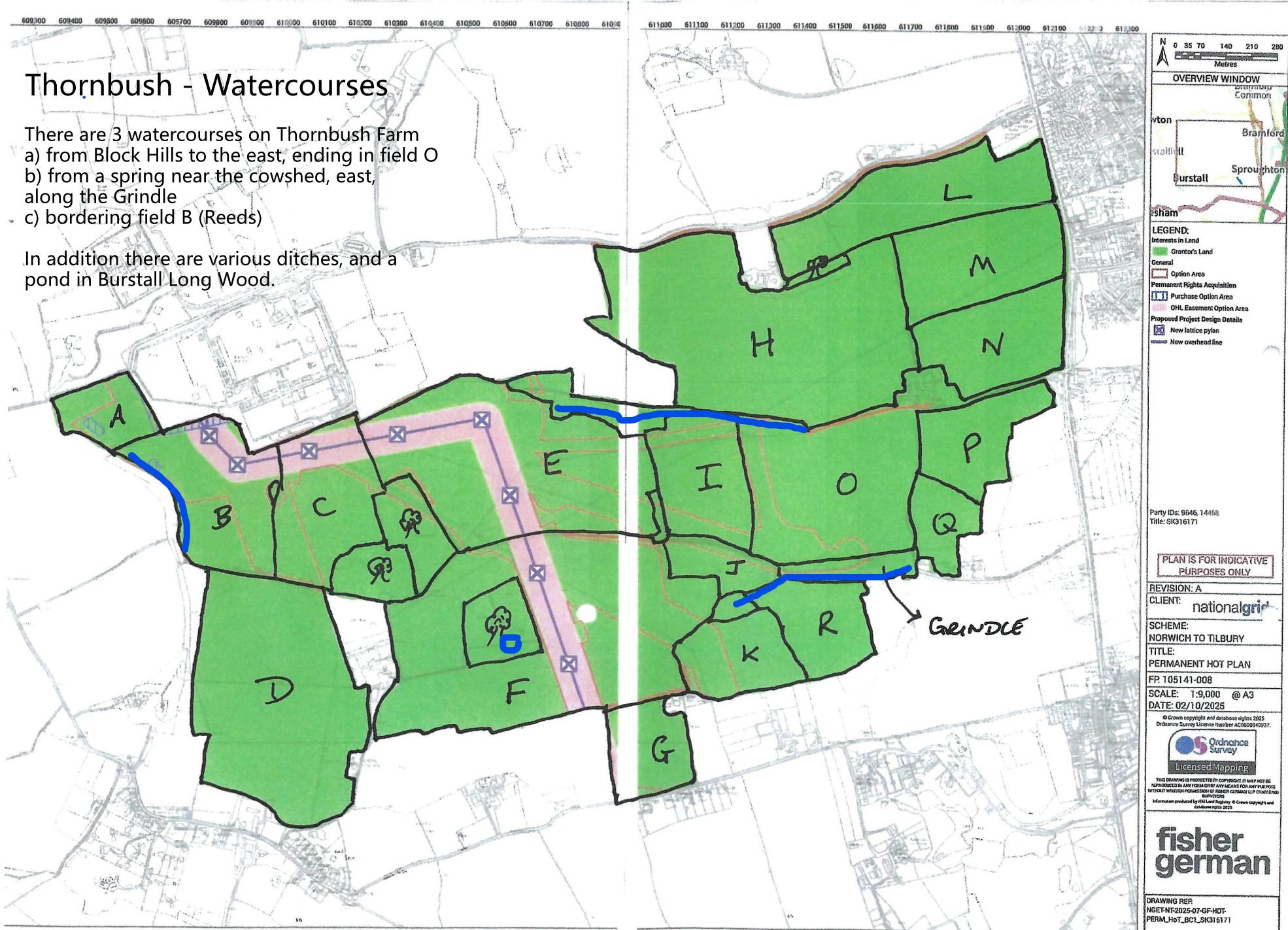
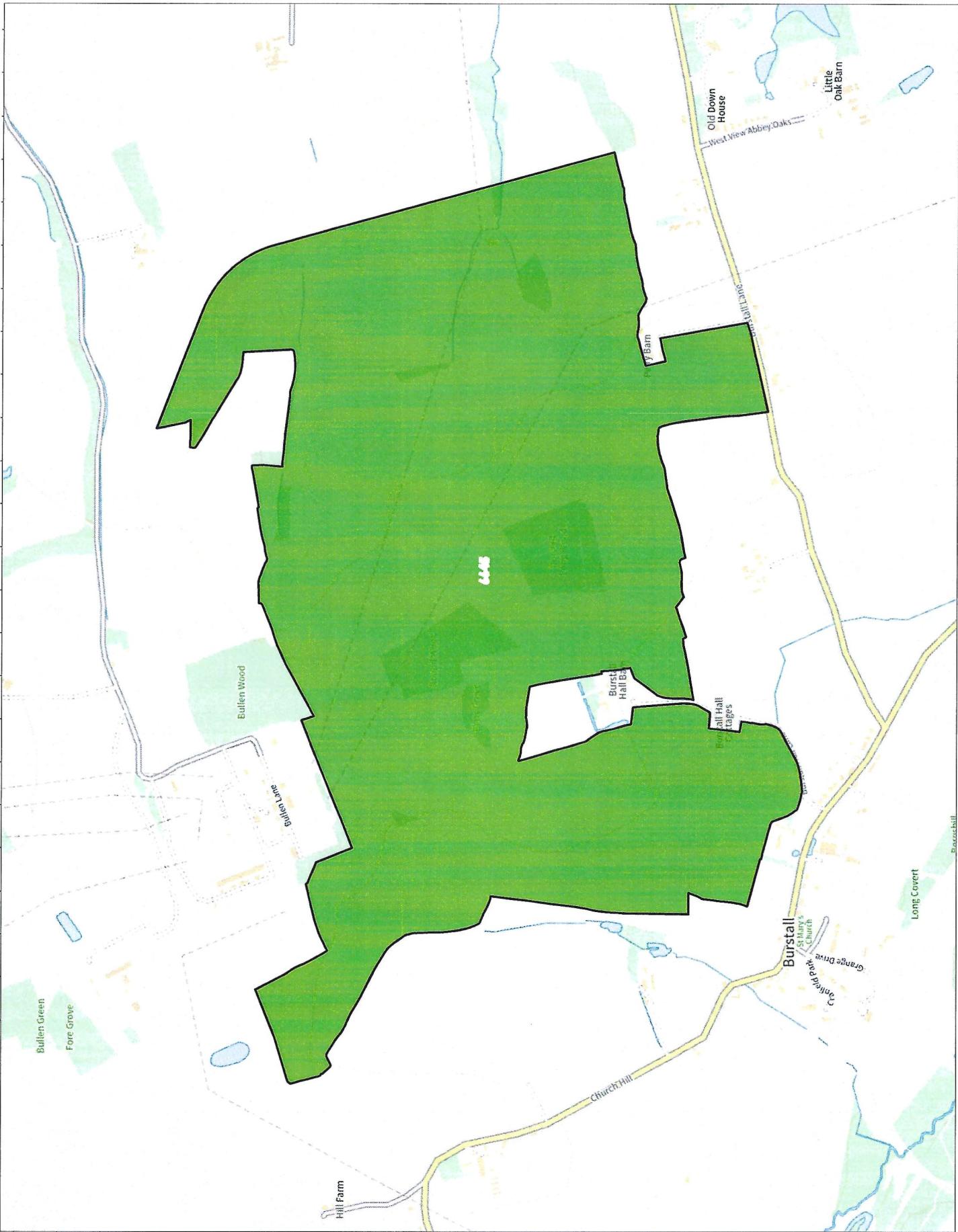
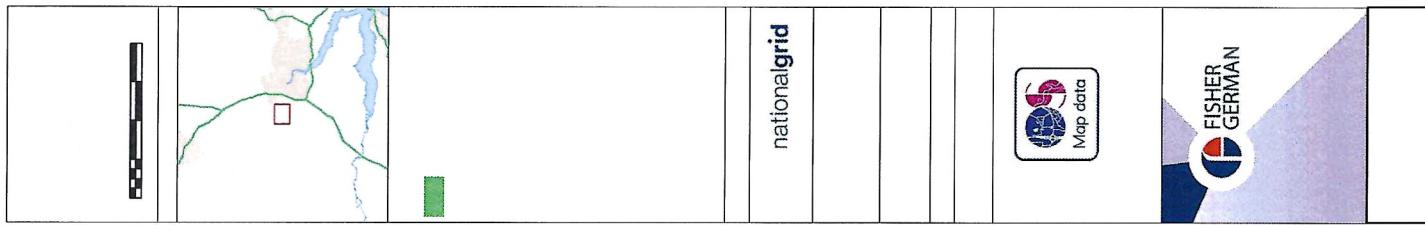


APPENDIX 6 – 1







NATIONAL GRID
(BRAMFORD TO TWINSTEAD)
LAND REFERENCING

OWNERSHIP PLAN

PIL ID: PIL-400

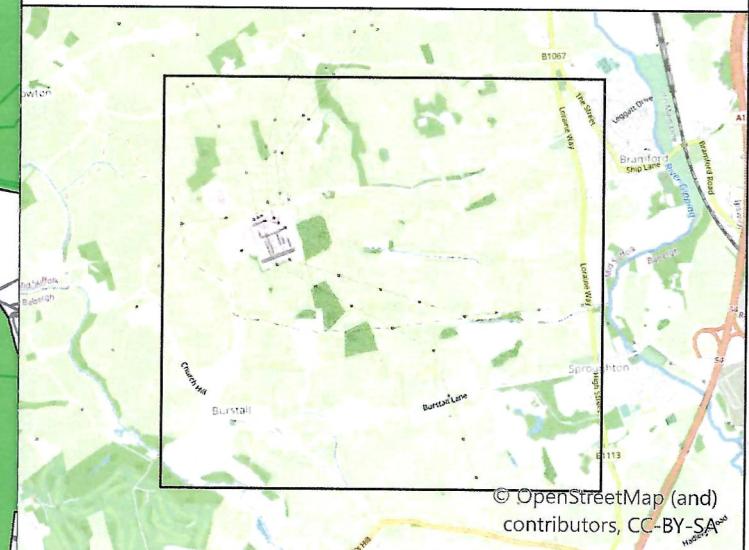
Contact Details

Herbert Earthy Godbold & Olive Ann Godbold

Thornbush Hall, Thornbush Lane, Bramford, Ipswich, Suffolk,
IP8 4JB

Legend

- Land Parcel
- OHL Bore Hole



BK | Bruton
Knowles

Olympus House - Olympus Park
Quedgeley
Gloucester
GL2 4NF
T 01452 880000

0 125 250 500 m

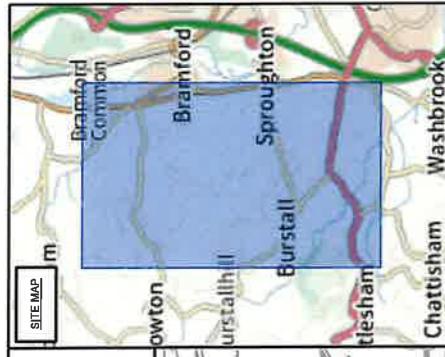


JOB NO: 529965 DRAWN: AB

DATE: 11/08/2021 CHECKED: KC

SCALE: 1:10,000 @ VERSION: 1

GRID REF: 610749E 245546N



LEGEND

Proposed land use

- Draft Order Limits
- Zone for permanent assets (NGET)
- Zone for construction, operation and maintenance (NGET and statutory undertaker)
- Statutory undertaker works
- Environmental areas
- Proposed project design details**
- New lattice pylon
- New gantry
- New full line tension gantry
- New overhead line
- New underground cable
- Centreline
- New underground cable construction swathe
- New trenchless crossing
- Existing substation boundary
- Proposed substation boundary
- Cable sealing end compound boundary
- Permanent access route including visibility spays (substations and cable sealing end compound)
- Existing NG/DNO lattice pylon - to be dismantled
- Existing NG/DNO lattice pylon - to be modified
- Existing NG/DNO overhead line - to be dismantled
- Existing NG/DNO overhead line - to be modified

Temporary works

Historic Order Limits (superseded)

Statutory Consultation Project

Order Limits (2024)

Interests in Land

Party IDs: 9646

Title: SK316171

Notes
This drawing is scaled at paper size A3 therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.

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Sheet Y Central Coordinate: 2045656
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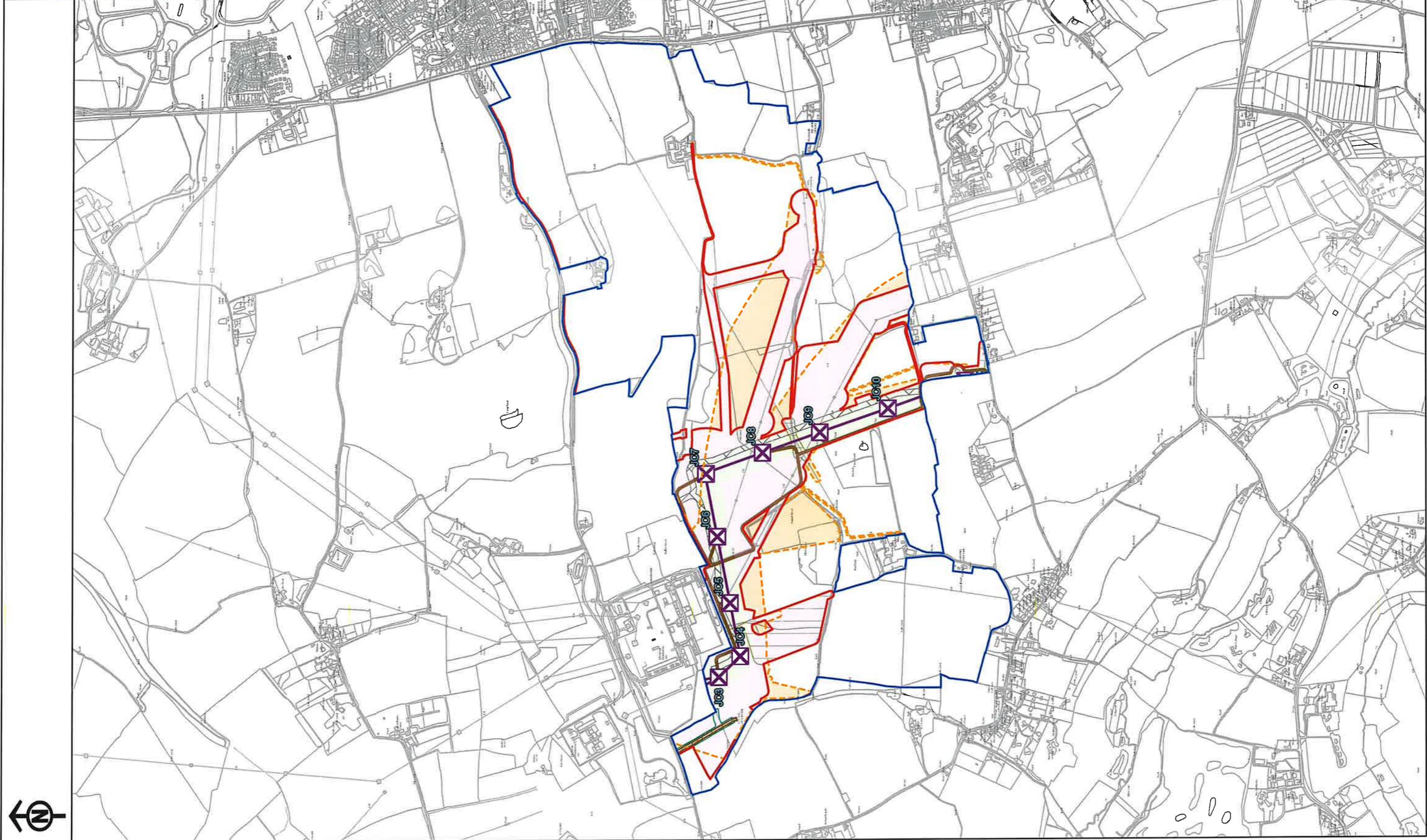
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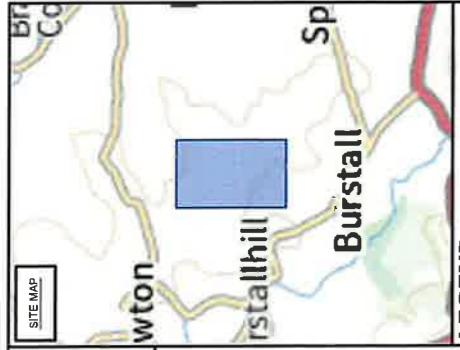
NG-NT-2025-06-GF-CON-R3_7436

nationgrid

National Grid Existing Reference

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Sheet Size: A3
Sheet: SHEET
Issue: DRAFT




LEGEND

Proposed land use

- Draft Order Limits
- Zone for permanent assets (NGFT)
- Zone for construction, operation and maintenance (NGFT and statutory undertaker)
- Statutory undertaker works
- Environmental areas

Proposed project design details

- New lattice pylon
- New gantry
- New full line tension gantry
- New overhead line
- New underground cable
- Centreline
- New underground cable construction swathe
- New underground cable trenchless crossing
- Existing substation boundary
- Proposed substation boundary
- Cable sealing end compound boundary
- Permanent access route including visibility splays (substations and cable sealing end compound)
- Existing NG/DNO lattice pylon - to be dismantled
- Existing NG/DNO lattice pylon - to be modified
- Existing NG/DNO overhead line - to be dismantled
- Existing NG/DNO overhead line - to be modified

Temporary works

- Temporary NG/DNO lattice pylon
- Temporary NG/DNO overhead line
- Site access crossover points and visibility splays
- Haul roads
- Crossing protection work area
- Construction compound
- Construction laydown area
- Haul roads for underground cable, cable sealing end compounds and substation works

Historic Order Limits (superseded)

- Order Limits (2024)

Interests in Land

- Land of Interest

Notes
This drawing is scaled at paper size A3, therefore any print sizes or smaller sizes will affect accuracy of the measurement units and should not be scaled against.

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Drawing Co-ordinate: 245670
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Drawing Area: 400m x 400m

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Party IDs: 14468, 9646, 15828, 10156, 15828
Title: SK301978

NG-NT-2025-06-GF-CON-R2_5451

nationalgrid

National Grid Drawing Reference

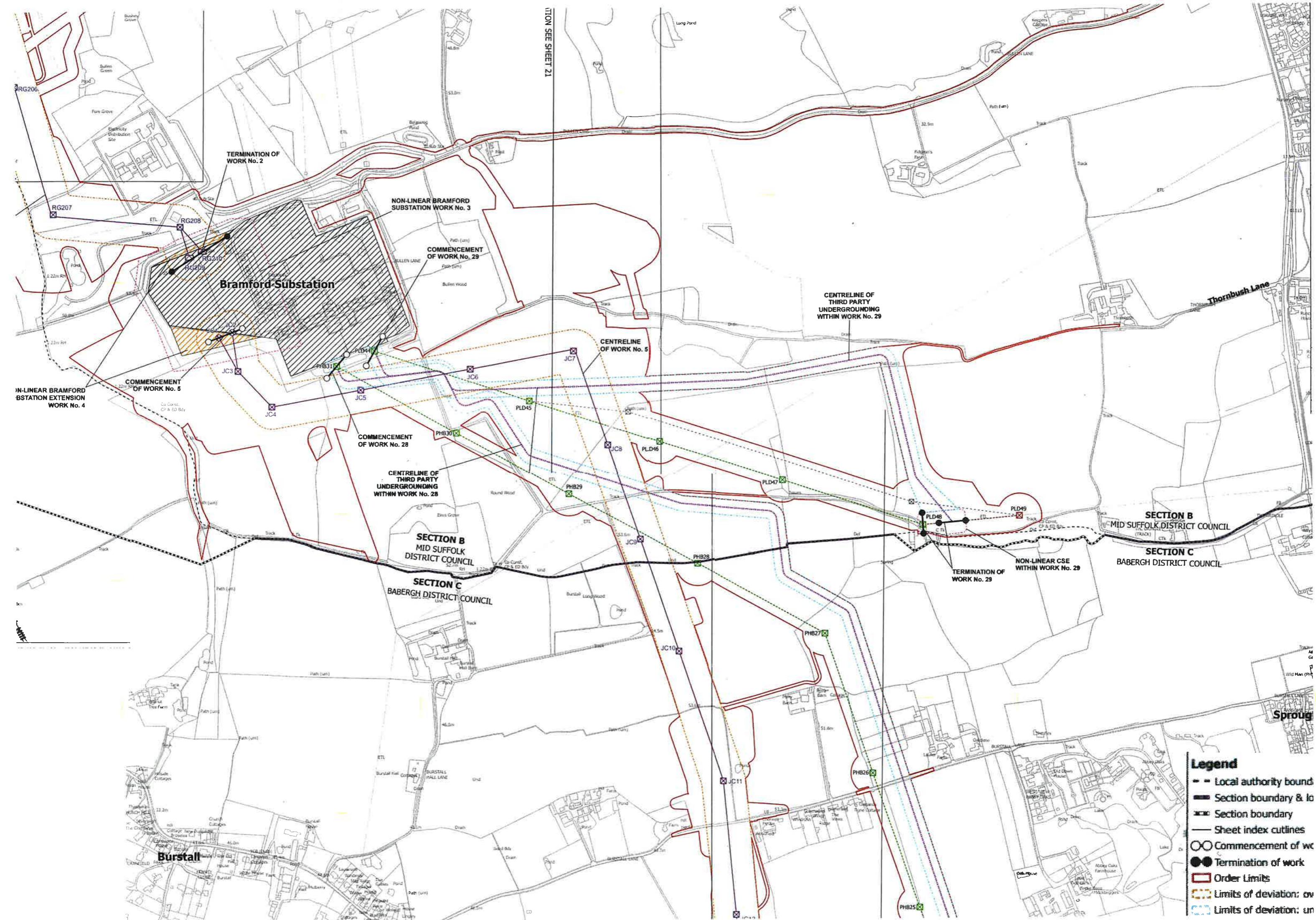
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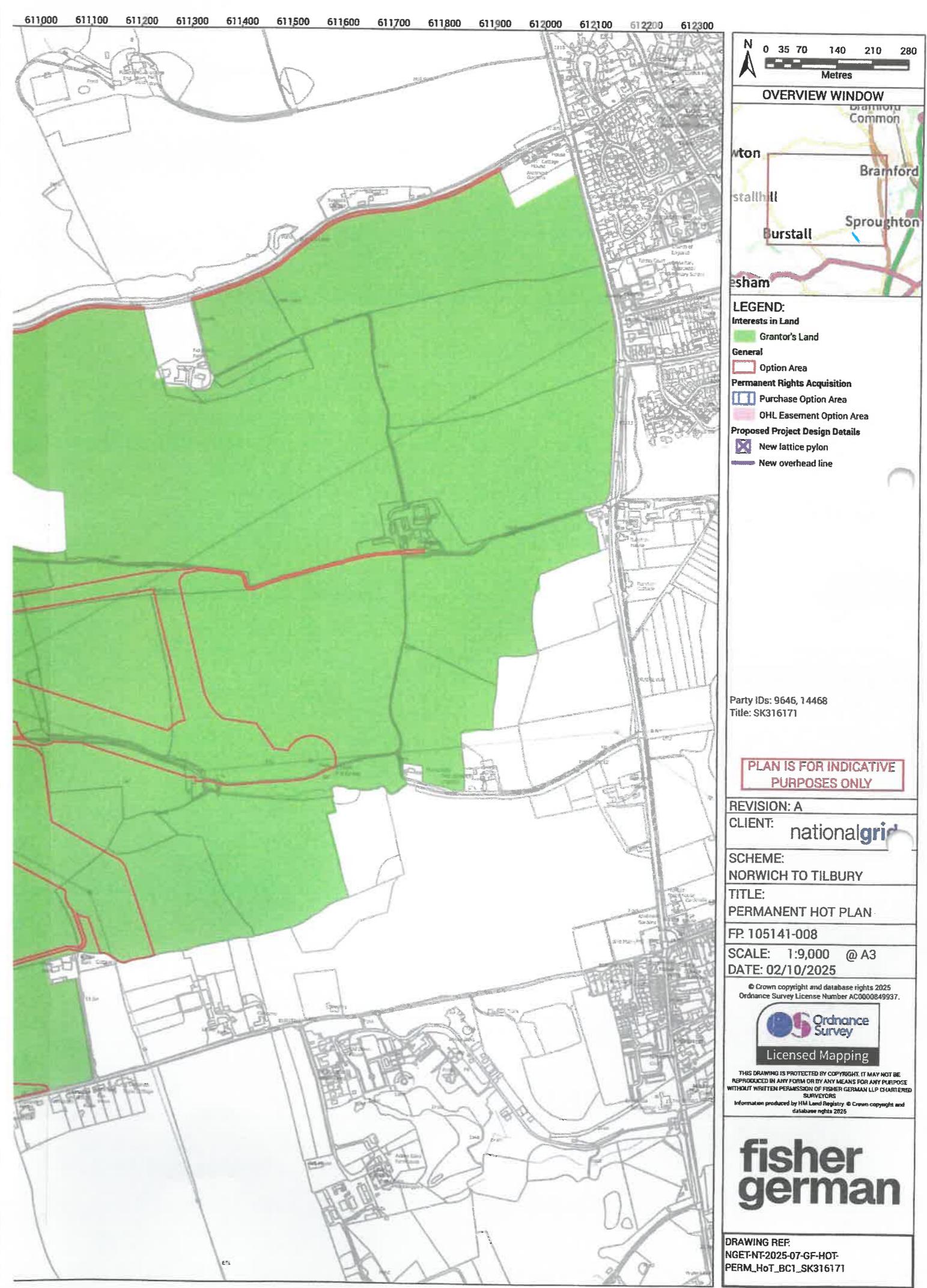
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A3

Sheet

DRAFT





APPENDIX 6 – 2

Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	STONELANDS	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/01		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.7	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	24	16	Normal	(Index 2.8) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	301	121	High	(Index 3.4) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	49	50	Slightly Low	(Index 1.9) PRIORITY FOR TREATMENT.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

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Released by [REDACTED] ..Laboratory Manager on behalf of Lancrop Laboratories

Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	DUCKAMERE	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/02		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.8	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	24	16	Normal	(Index 2.8) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	308	121	High	(Index 3.4) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	54	50	Normal	(Index 2.1) Adequate level.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

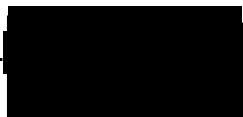
Additional technical bulletins are available at [REDACTED].

Please Note

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	PIGHTLE	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/03		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.4	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	39	16	High	(Index 3.7) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	315	121	High	(Index 3.5) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	40	50	Slightly Low	(Index 1.6) PRIORITY FOR TREATMENT.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results [REDACTED] accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative [REDACTED] ie. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	BURSTALL	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/04		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.9	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	26	16	High	(Index 3.0) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	437	121	Very High	(Index 4.2) Possible interference with the availability of Magnesium.
Magnesium (ppm)	64	50	Normal	(Index 2.3) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	THORNBUSH	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/05		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	6.8	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	38	16	High	(Index 3.6) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	255	121	High	(Index 3.1) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	84	50	Normal	(Index 2.7) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results [REDACTED] accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative [REDACTED] ie. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	PERRY FRONT	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/06		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.8	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	30	16	High	(Index 3.2) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	470	121	Very High	(Index 4.3) Possible interference with the availability of Magnesium.
Magnesium (ppm)	63	50	Normal	(Index 2.2) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	PERRY BACK	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/07		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.7	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	36	16	High	(Index 3.5) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	497	121	Very High	(Index 4.5) Possible interference with the availability of Magnesium.
Magnesium (ppm)	69	50	Normal	(Index 2.4) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	STACKYARD	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/08		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.5	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	28	16	High	(Index 3.1) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	422	121	Very High	(Index 4.1) Possible interference with the availability of Magnesium.
Magnesium (ppm)	69	50	Normal	(Index 2.4) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	LODGE	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/09		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	6.7	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	44	16	High	(Index 3.9) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	262	121	High	(Index 3.1) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	62	50	Normal	(Index 2.2) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED]

Please Note

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	NINE ACRE	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071569/10		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.6	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	24	16	Normal	(Index 2.8) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	237	121	Normal	(Index 2.9) 55 kg/ha K2O (44 units/acre). Winter crop straw removed. Maintenance.
Magnesium (ppm)	51	50	Normal	(Index 2.0) Adequate level.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

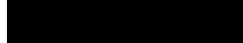
Additional technical bulletins are available at [REDACTED].

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Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	BULLEN	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071570/01		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.8	6.5	High	High. An alkaline environment will reduce the availability of certain nutrients - particularly P, K, B, Co, Cu, Fe, Mn and Zn. An elevated pH will also impact on beneficial soil fungal populations and activity.
Phosphorus (ppm)	17	16	Normal	(Index 2.1) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	240	121	Normal	(Index 2.9) 55 kg/ha K2O (44 units/acre). Winter crop straw removed. Maintenance.
Magnesium (ppm)	52	50	Normal	(Index 2.0) Adequate level.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

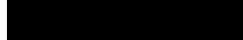
Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

This report has been generated by Yara's Megalab™ software.

Released by ... [REDACTED] Laboratory Manager on behalf of Lancrop Laboratories



Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	HOBBERIES	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071570/02		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.0	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	39	16	High	(Index 3.7) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	317	121	High	(Index 3.5) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	47	50	Slightly Low	(Index 1.8) PRIORITY FOR TREATMENT.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED] m.

Please Note

Whilst every care is taken to ensure that the Results [REDACTED] accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative. [REDACTED] ie. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

This report has been generated by Yara's Megalab™ software.

Released by ... [REDACTED] Laboratory Manager on behalf of Lancrop Laboratories



Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	RYE HILL	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071570/03		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	6.6	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	30	16	High	(Index 3.2) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Potassium (ppm)	270	121	High	(Index 3.2) Adequate. Use soil analysis every 3-5 years to ensure level is maintained.
Magnesium (ppm)	63	50	Normal	(Index 2.2) Adequate level.

Additional Comments

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results [REDACTED] accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative [REDACTED] ie. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

This report has been generated by Yara's Megalab™ software.

Released by [REDACTED] Laboratory Manager on behalf of Lancrop Laboratories



Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	SUBSTATION	Date Received	03/09/2022 (Date Issued: 07/09/2022)
Sample No	G071570/04		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.4	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	23	16	Normal	(Index 2.7) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	442	121	Very High	(Index 4.2) Possible interference with the availability of Magnesium.
Magnesium (ppm)	51	50	Normal	(Index 2.0) Adequate level.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

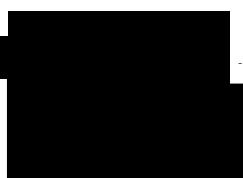
Additional technical bulletins are available at [REDACTED]

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

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Released by [REDACTED] Laboratory Manager on behalf of Lancrop Laboratories



Analysis Results (SOIL)

Customer	H & O GODBOLD [REDACTED]	Distributor	KEITH MOUNT LIMING LTD - ANDREW MOUNT
Sample Ref	REEDS	Date Received	03/09/2022 (Date Issued: 08/09/2022)
Sample No	G071570/05		
Crop	WHEAT		

Analysis	Result	Guideline	Interpretation	Comments
pH	7.0	6.5	Normal	Adequate level. Maintain pH to ensure optimum nutrient nutrient availability and ideal conditions for an active soil biology.
Phosphorus (ppm)	21	16	Normal	(Index 2.5) 55 kg/ha P2O5 (44 units/acre). Winter crop, straw removed. Maintenance.
Potassium (ppm)	223	121	Normal	(Index 2.9) 55 kg/ha K2O (44 units/acre). Winter crop straw removed. Maintenance.
Magnesium (ppm)	69	50	Normal	(Index 2.4) Adequate level.

Additional Comments

Soil applied P and K recommendations are taken from AHDB Nutrient Management Guide (RB209) for an 8 t/ha winter wheat crop with straw removed. Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

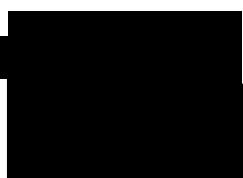
Additional technical bulletins are available at [REDACTED].

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request.

This report has been generated by Yara's Megalab™ software.

Released by [REDACTED] Laboratory Manager on behalf of Lancrop Laboratories



PART. NO 9

P. S. A. E. C.

FISKE FARMS LTD
SPROUGHTON.

T. 7674/5

3" PIPE
4" "
6" "
MOLING

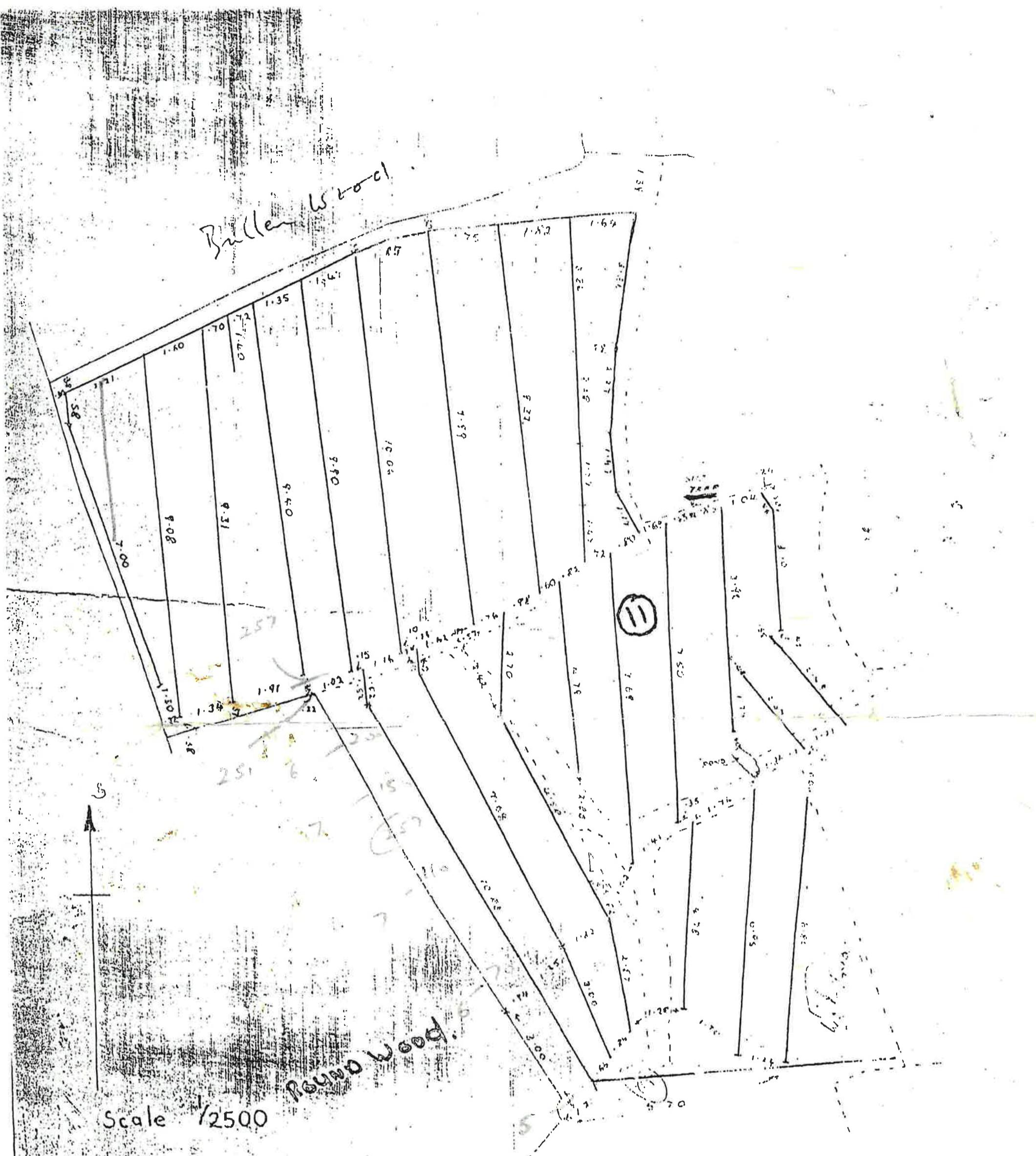
OS. REF. 75/5

EDT. 1928
19-49

SCALE. 1/2500.

REFERENCES

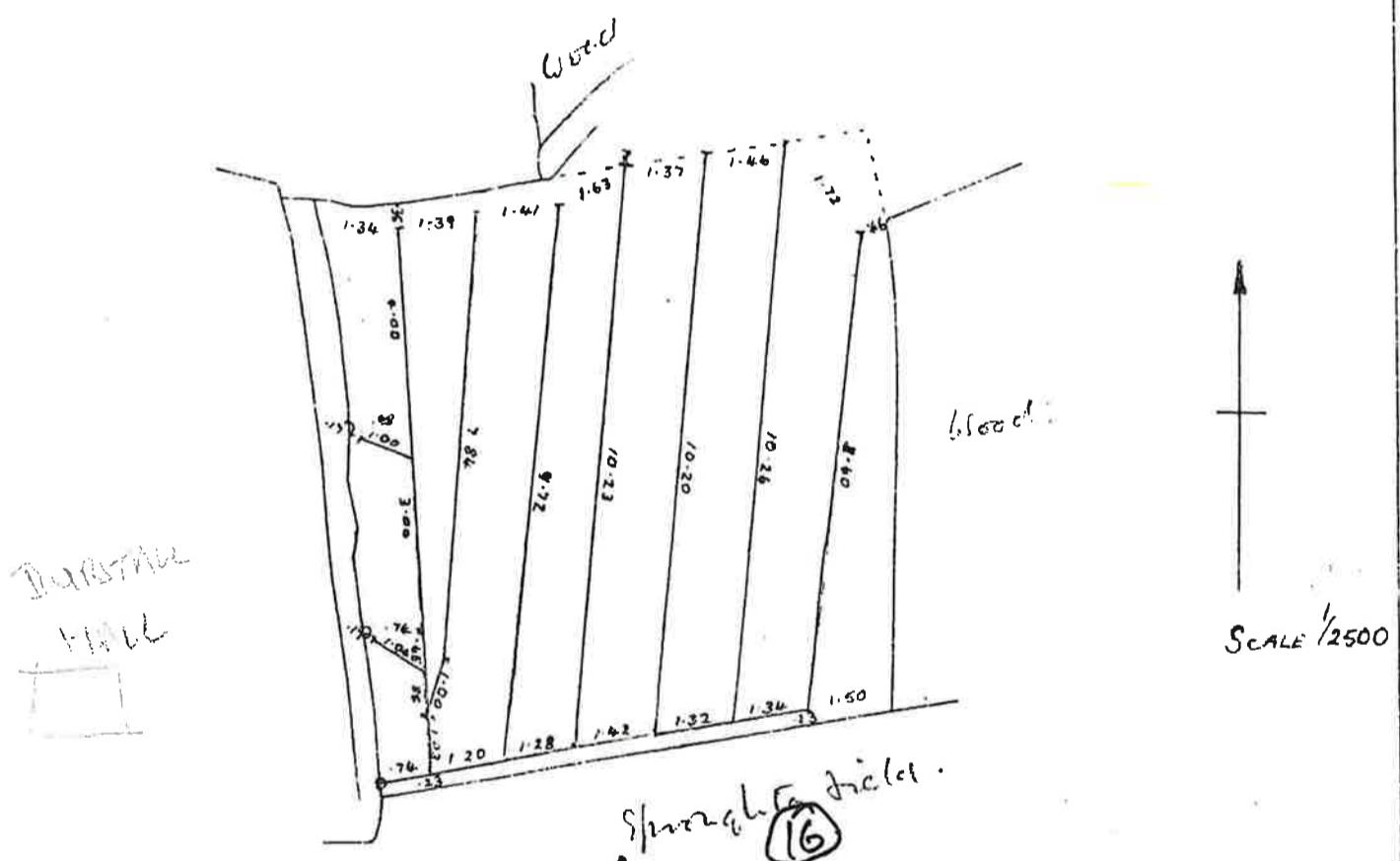
ORGANIC POLYMER MASS



certified as a true record
of the under drainage
system to OS 62, 63,
108, 109, 110, & 111

— 3" pipes 179.86
— 4" pipes 6.50
— 6" pipes 8.50
Total 194.96

CHAIN SURVEY OF 3, 4 & 6 INCH PIPE
DRAINAGE TO OS 344 SPROUGHTON.
SUFFOLK.



CERTIFIED AS A TRUE RECORD
OF THE UNDER DRAINAGE
SYSTEM TO OS 344

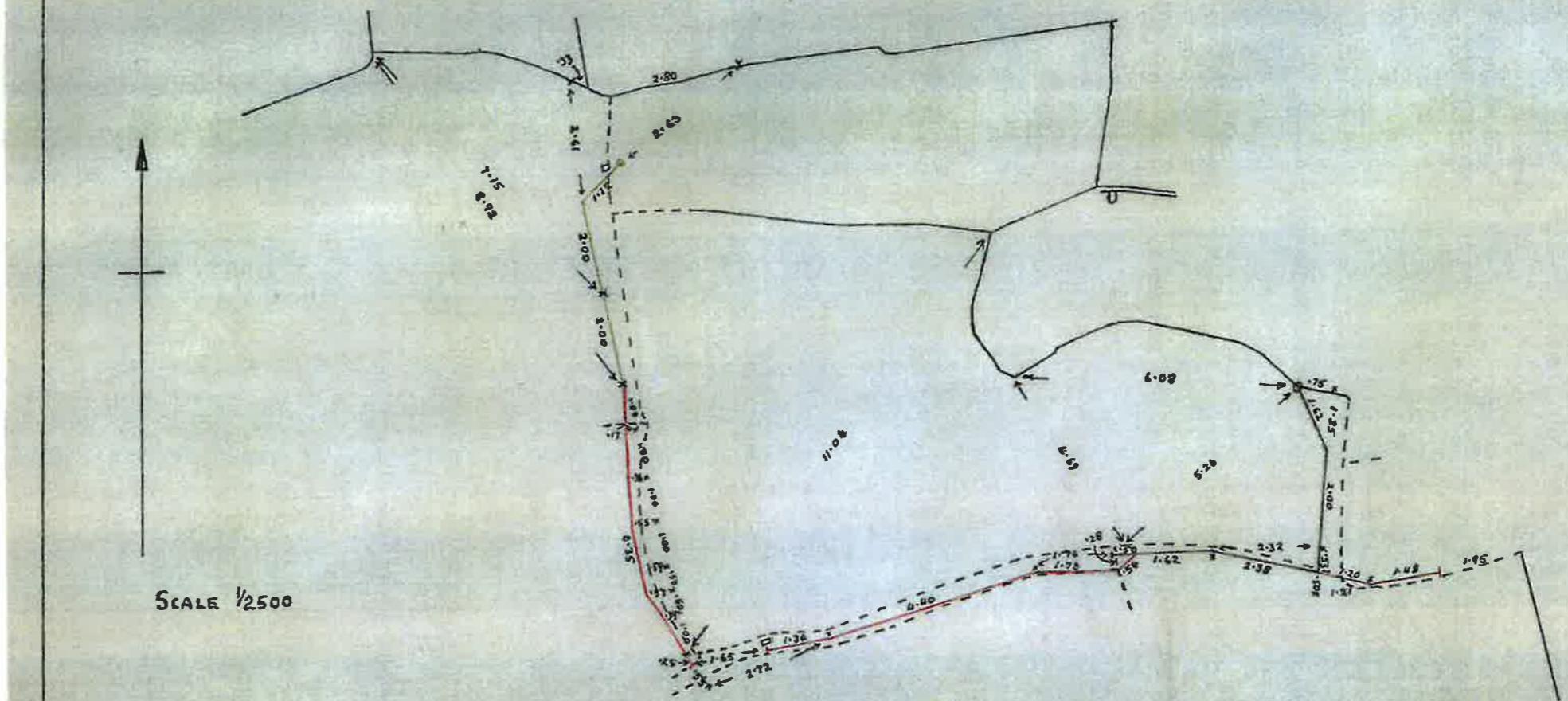
Ch. 3 boy

- 3" PIPES	71 · 84
- 4" PIPES	2 · 70
- 6" PIPES	1 · 94
TOTAL	76 · 48

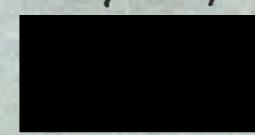
SPURLINGS and HEMPSON,
26, PRINCES STREET,
IPSWICH.

- 3 NOV 1967 .

CHAIN SURVEY OF 3, 4, & 6 INCH PIPE DRAINAGE
TO OS 104, 105, 107, 108, 70, & 71 BRAMFORD, SUFFOLK.



certified as a true record
of the under drainage system
to OS 104, 105, 107, 108, 70 & 71

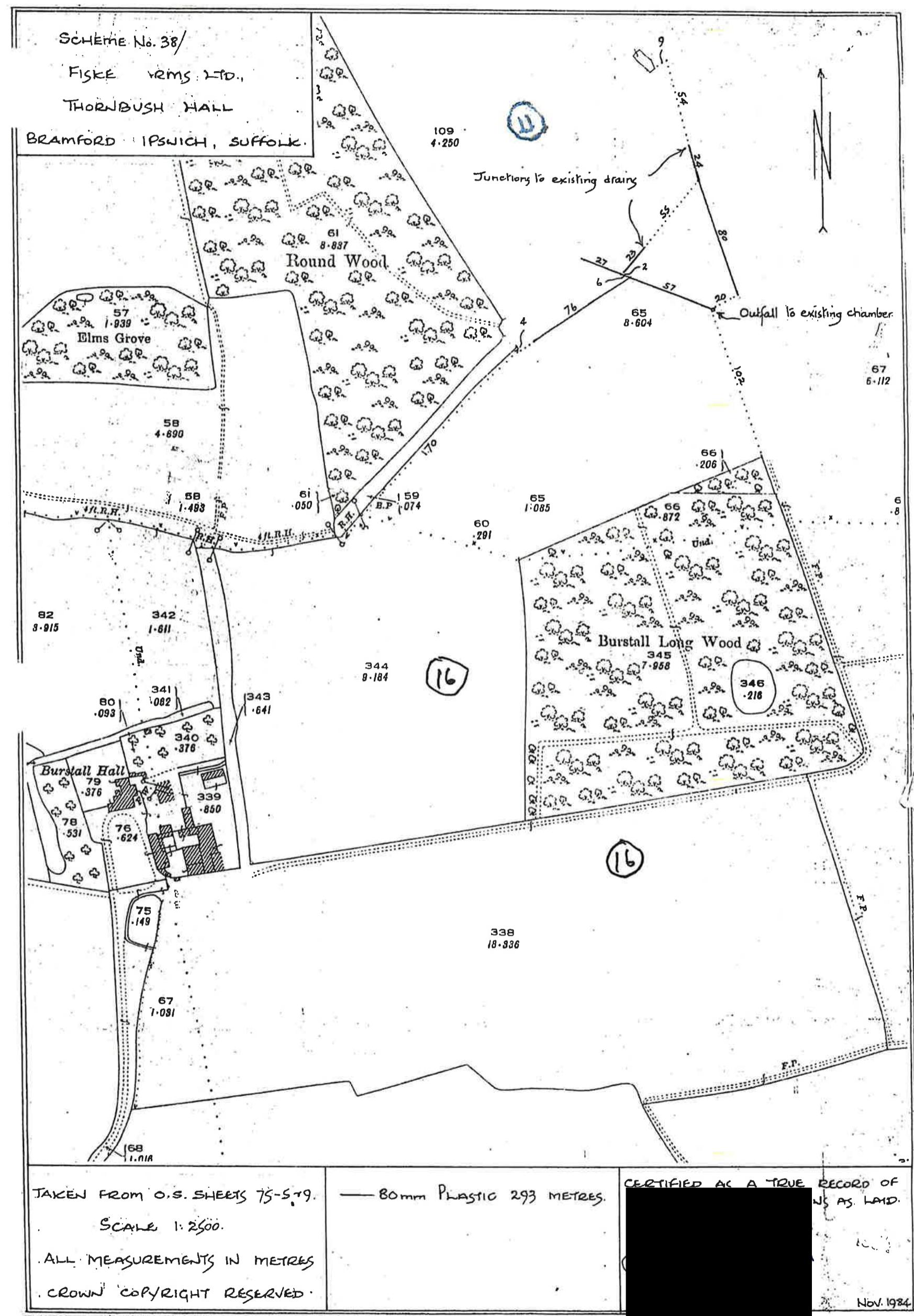


— 3 inch pipes 17.29
— 4 inch pipes 8.65
— 6 inch pipes 5.12

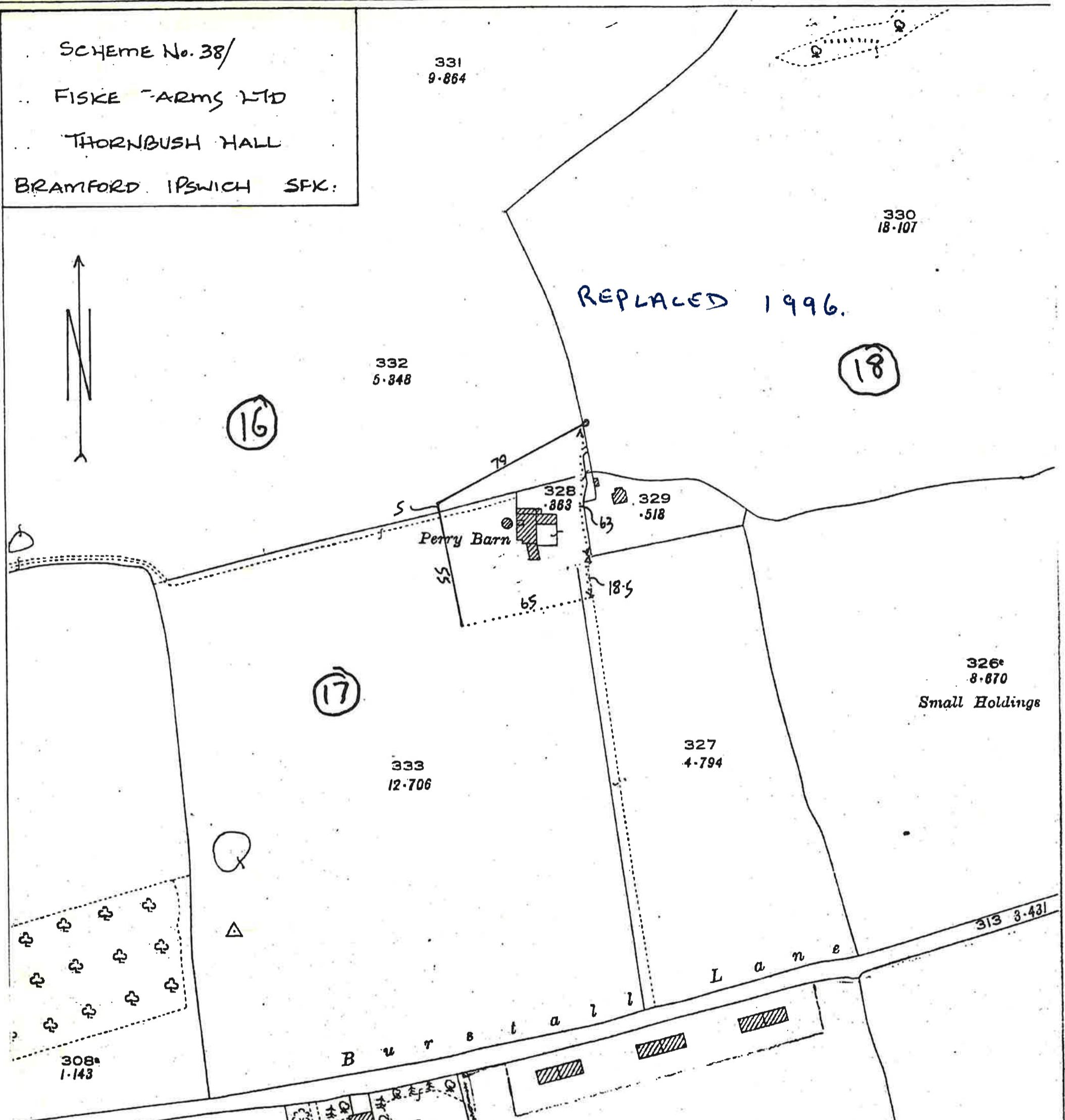
TOTAL 31.06 CHAINS

SPURLINGS and HEMPSON,
26. PRINCES STREET,
IPSWICH.

Based upon the Ordnance Survey map
with the sanction of the Controller of
H.M. Stationery Office.



SCHEME No. 38/
FISKE FARMS LTD
THORNBUSH HALL
BRAMFORD. IPSWICH. SFX.



TAKEN FROM O.S. SHEET No.759

SCALED 1:2500.

ALL MEASUREMENTS IN METRES

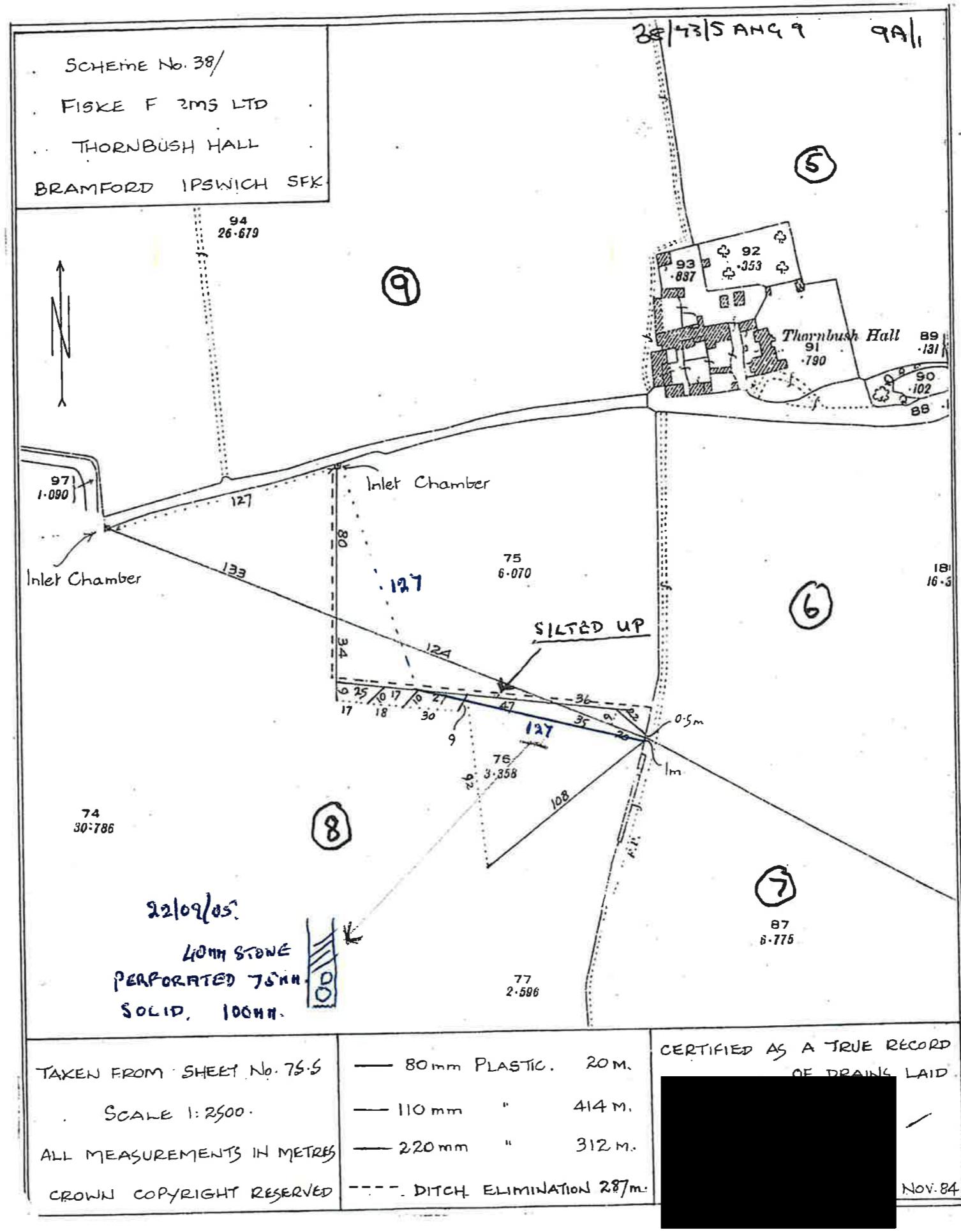
CROWN COPYRIGHT RESERVED.

CERTIFIED AS A TRUE RECORD OF
AS LAID.

NOV. 84.

SCHEME No. 38/
FISKE F 2MS LTD
THORNBUSH HALL
RAMFORD IPSWICH SFK

38/43/SANG 9 9A/1



SCHEME NO. 38/
FISKE FARMS LTD
THORNBUSH HALL
BRAAMFORD IPSWICH SFX:

331
9.864

330
18.107

18

332
5.848

16



329
.618
328
.863
Perry Barn
19
65
65
SS

326°
8.670
Small Holdings

333
12.706

327
4.794

Q
△

308°
1.143

17

B u r b l a l
L a n e
313 3.431

CERTIFIED AS A TRUE RECORD OF
DRAWINGS AS Laid.

139 metres

Scale 1:2500.

— 160 mm. Plastic.

ALL MEASUREMENTS IN METRES
CROWN COPYRIGHT RESERVED.

FISKE FARMS LTD

THORNBUSH HALL

BRAMFORD

IPS

52
373

SCHEME 56
8.249

12

53
11.665

13

541
392

84
2.698

Union & R.D. Bdy.

85
693

1926. SAMFORD UNION & R.D.
Levelling Revised 1903.

— — —
— — —
— — —
— — —
— — —

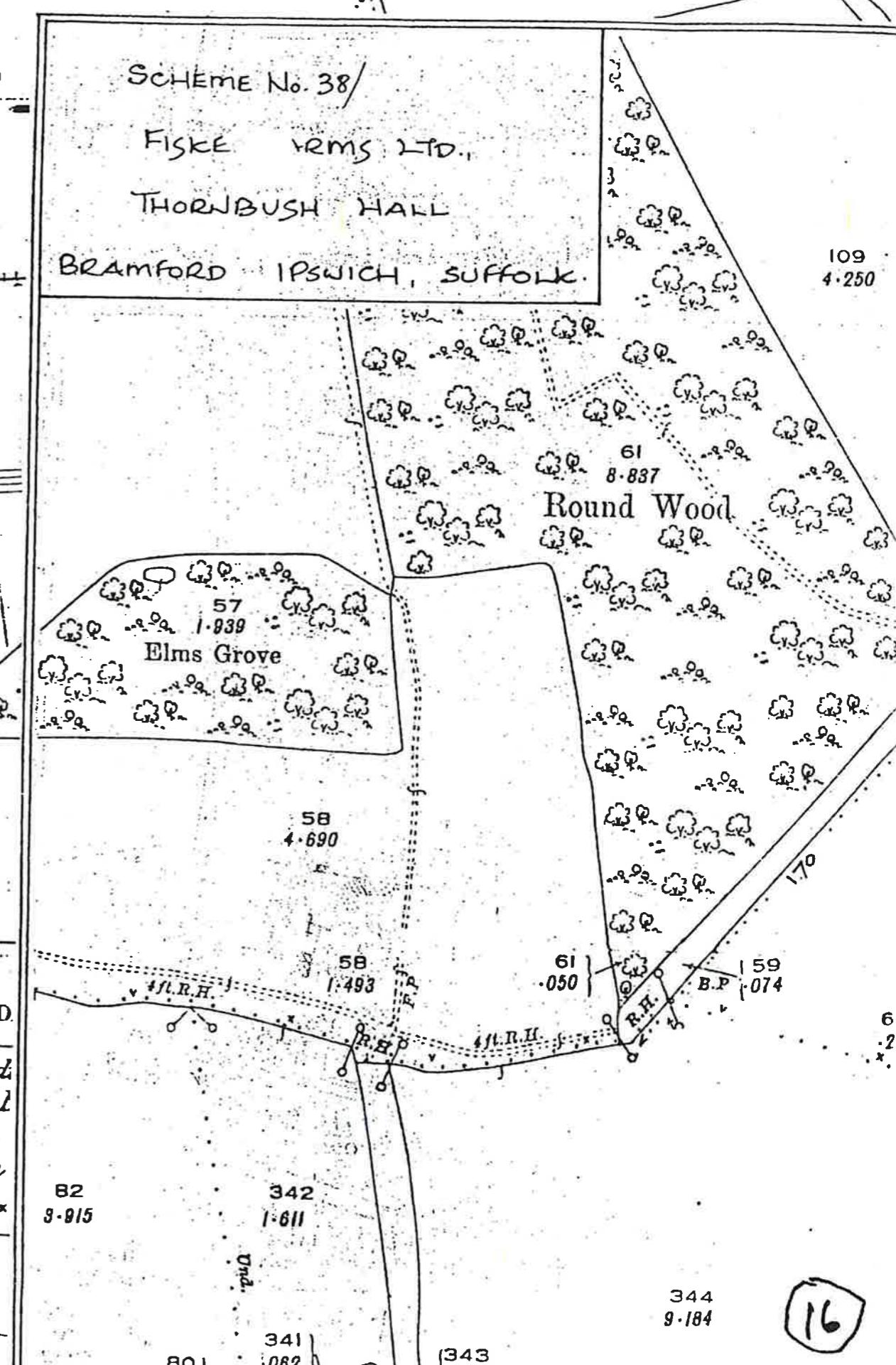
C
E
P
M

Municipal Wards
Urban Districts
Civil Parishes
Rural Districts

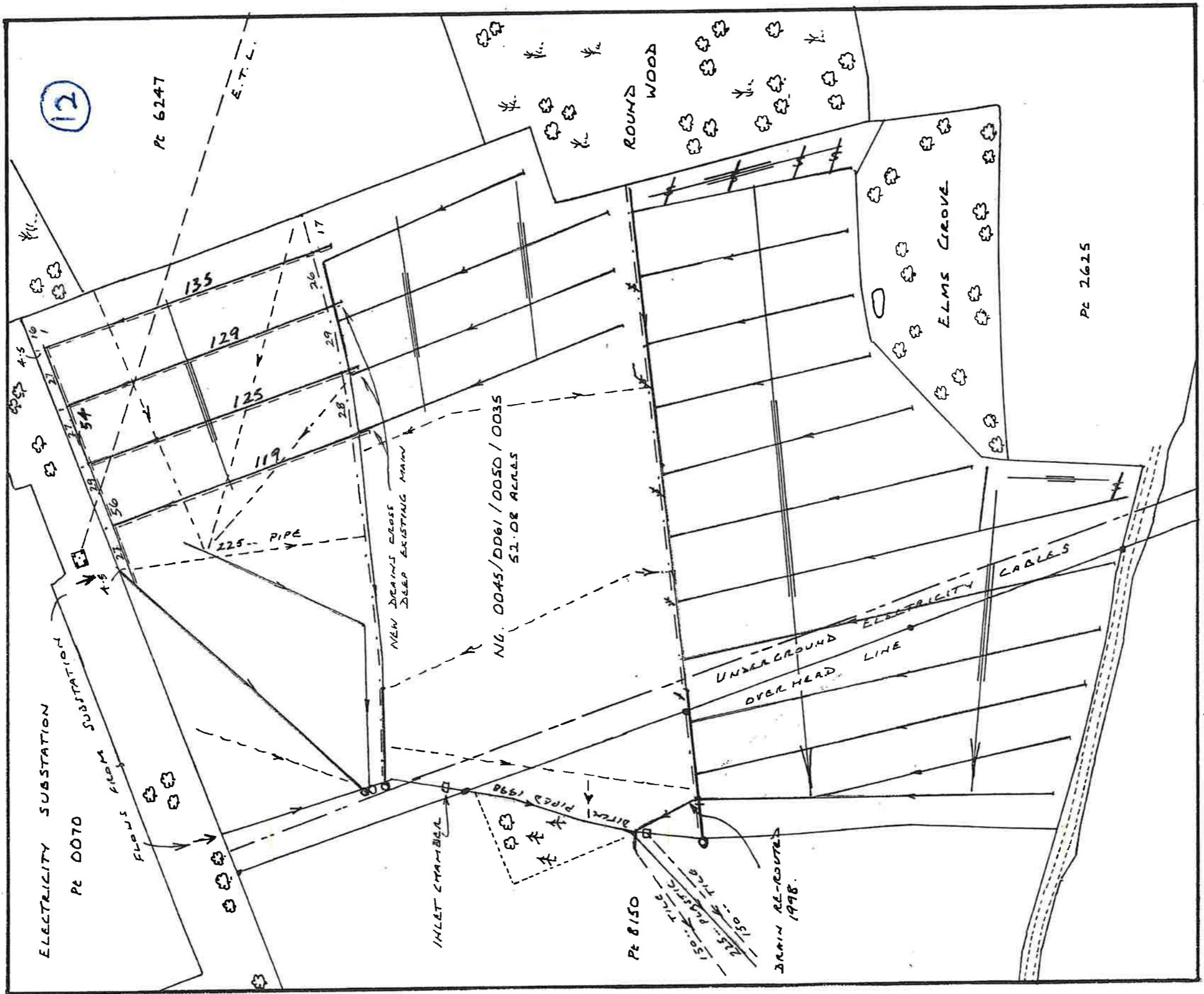
W
D
P
R

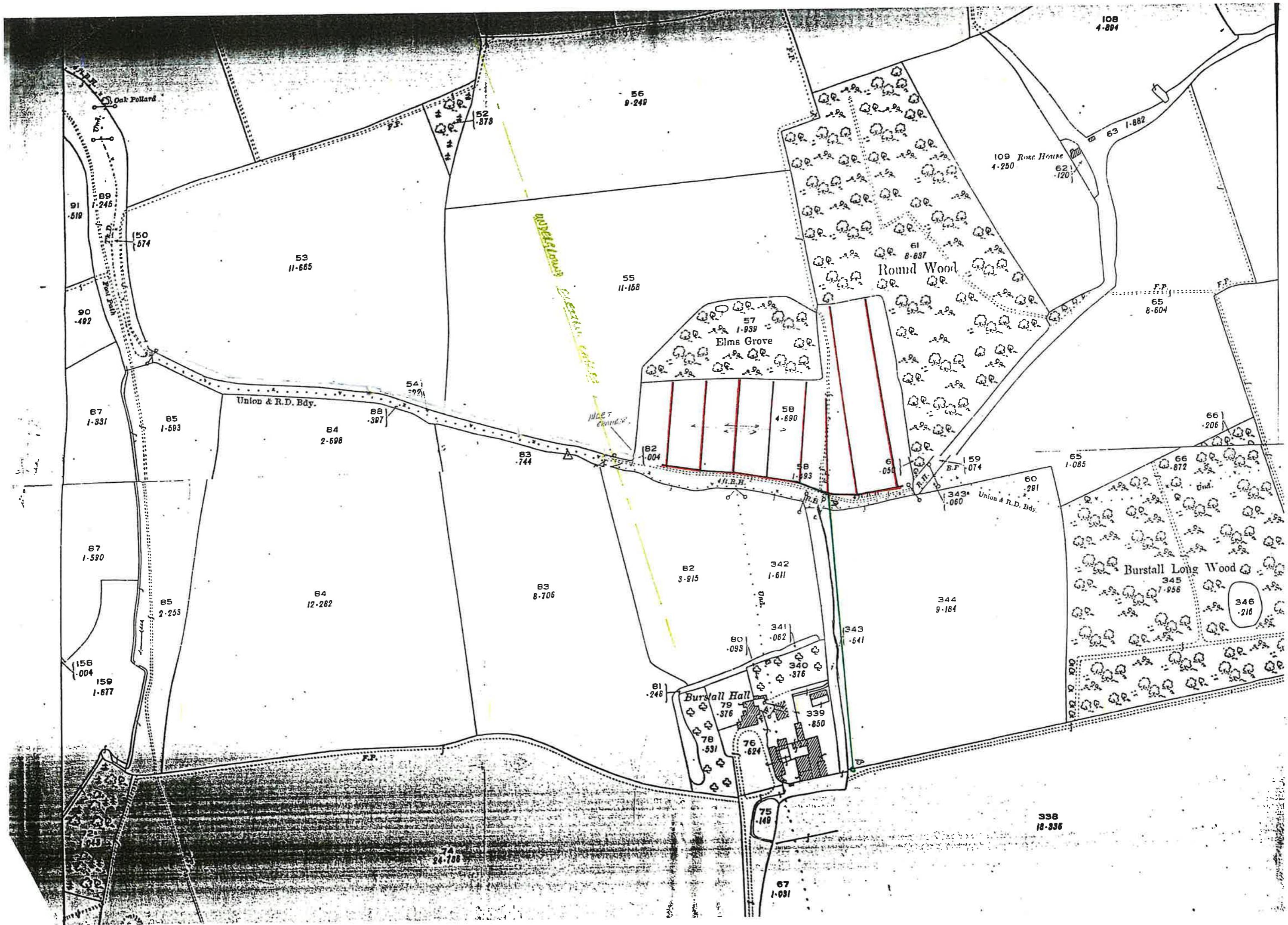
Change of Boundary, indicating
which the character of a
Antiquities (Site of)
Trigonometrical Station
Poor Law Unions

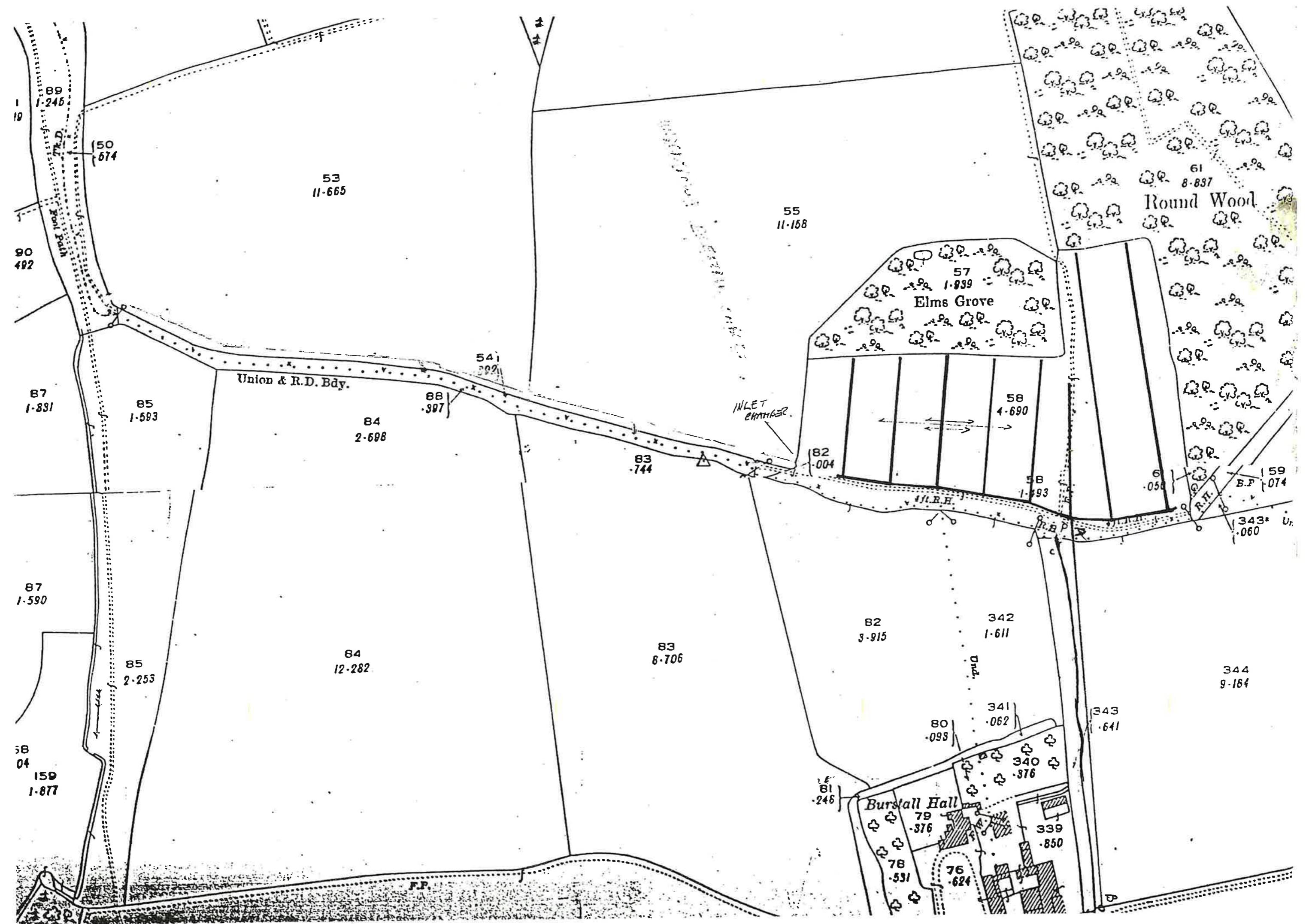
BURSTALL PH.
CHARACTERISTICS AND SYMBOLS FOR BOUNDARY



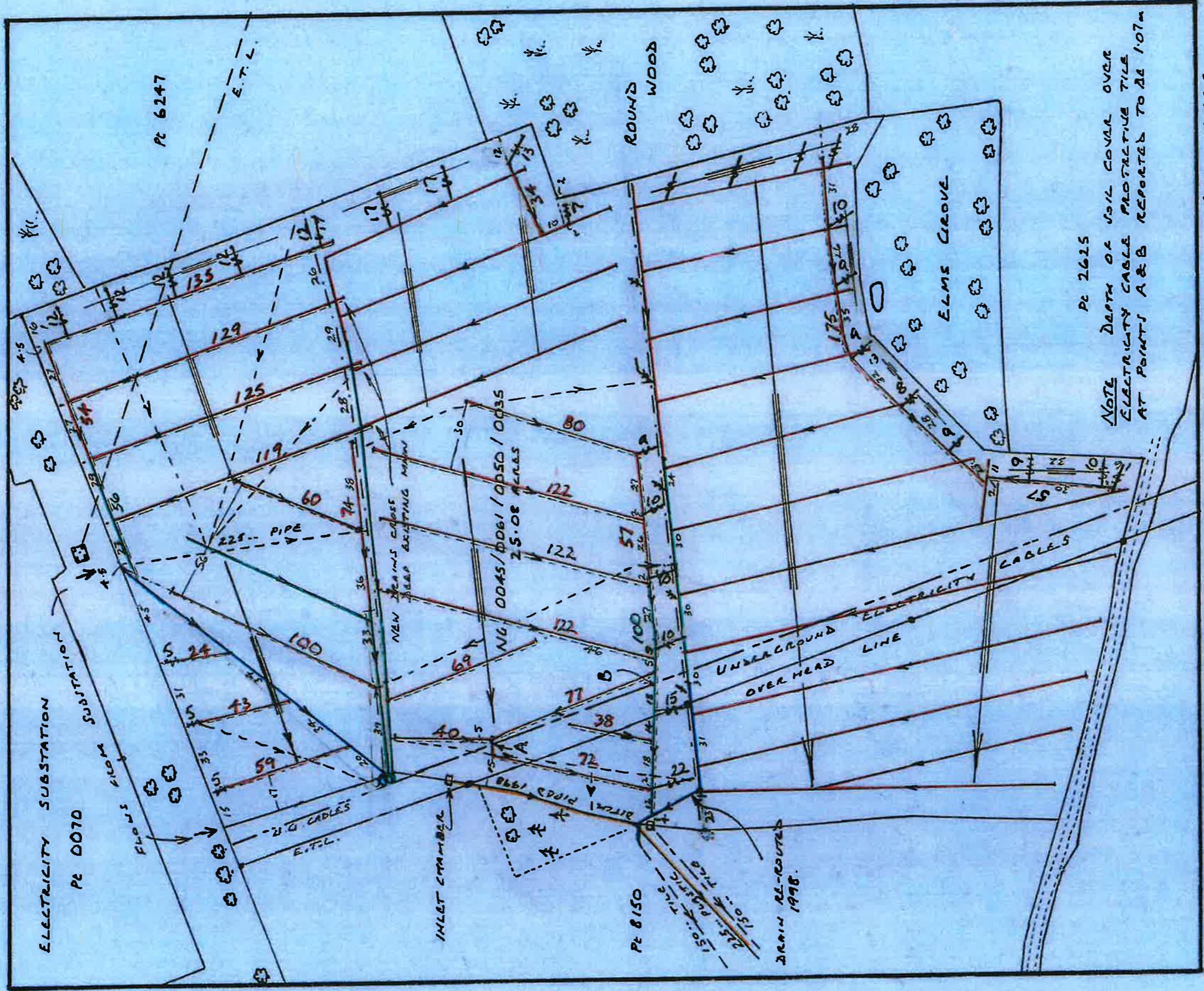
FISKE FARMS LTD. . THORNBUSH HALL . BRAMFORD .







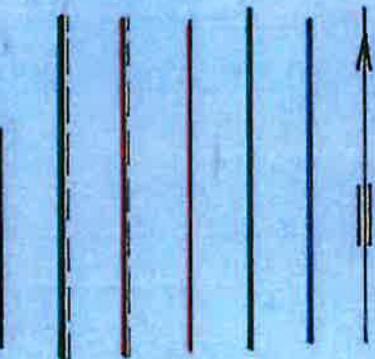
FISKE FARMS LTD. THORNBUSH HALL. BRAMFORD.



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LICENCE NO. AL 550081

MAP REF. TM 0945-1046
SCALE 1:2500

LEGEND



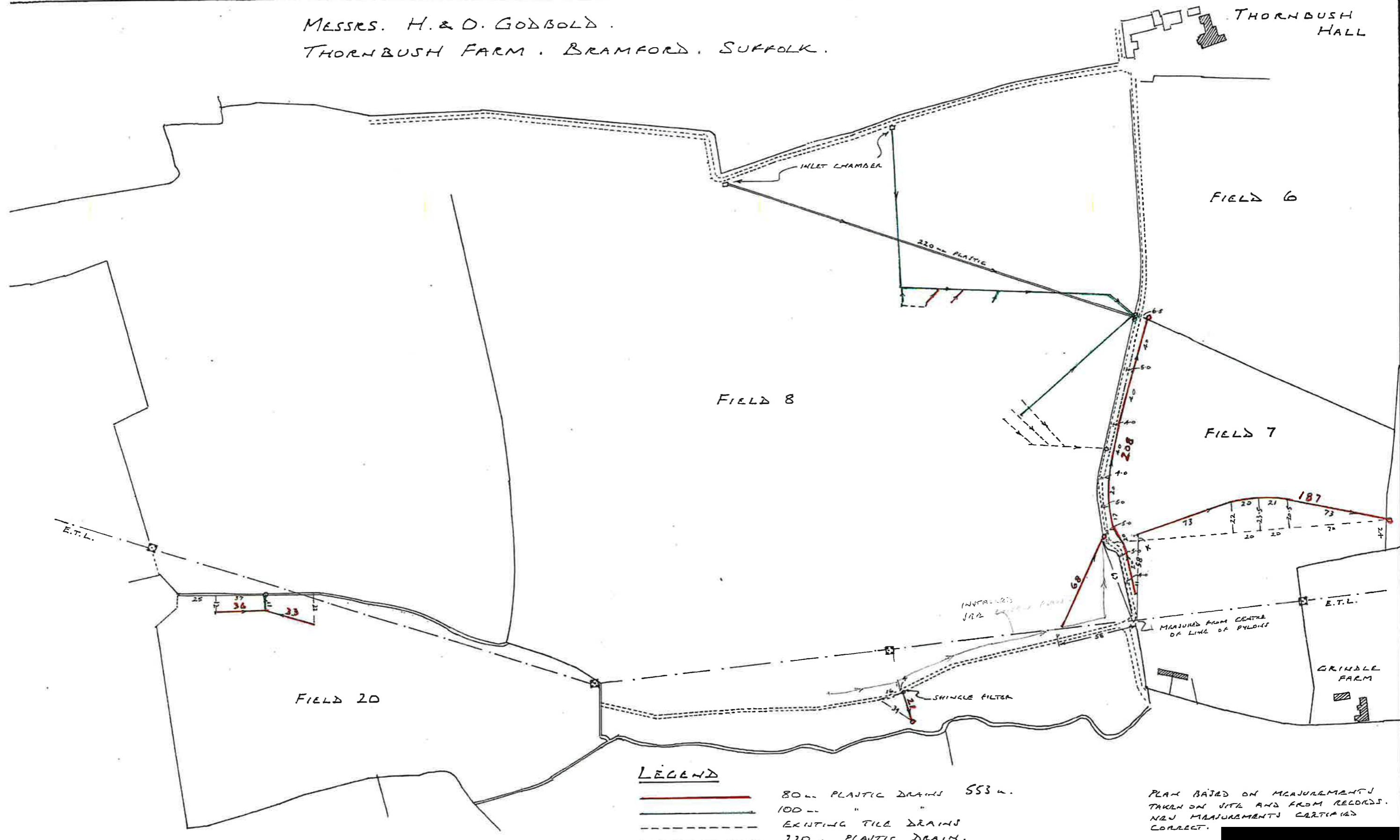
LEGEND

- Shingle drains
- Plastic drain
- 80" "
- Ex�treme 75" - Tile drains
- 100" " " "
- 100" " " "
- 150" " " "
- Moving directions

ALSO CERTIFIED FOR DRAINS LAID IN
AUGUST 2000 *Gavin Morris B.P. 20*

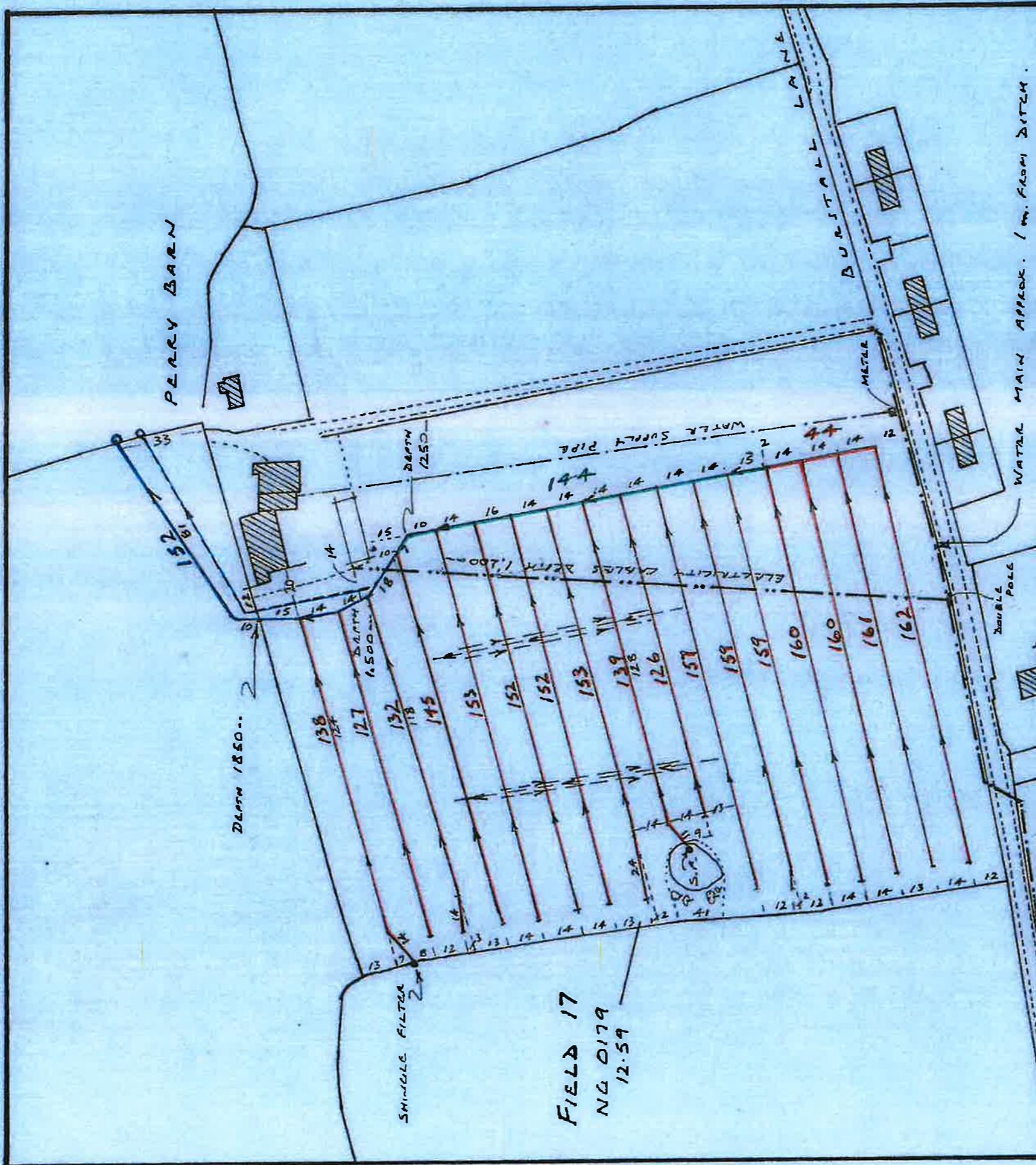
CERTIFIED AS AN ACCURATE
RECORD OF THE DRAINAGE
SYSTEM.

MESSRS. H. & D. GODBOLD.
THORNBUSH FARM, BRAMFORD, SUFFOLK.



Messrs. H. & O. GODBOLD,
THORNBUSH FARM, BRAMFORD, SUFFOLK.

SUFFOLK.



CROWN COPYRIGHT REIN.
LICENCE NO. AL 554081

O.S. MAP REFS. TM. 1044 - 1144
SCALE 1:2500

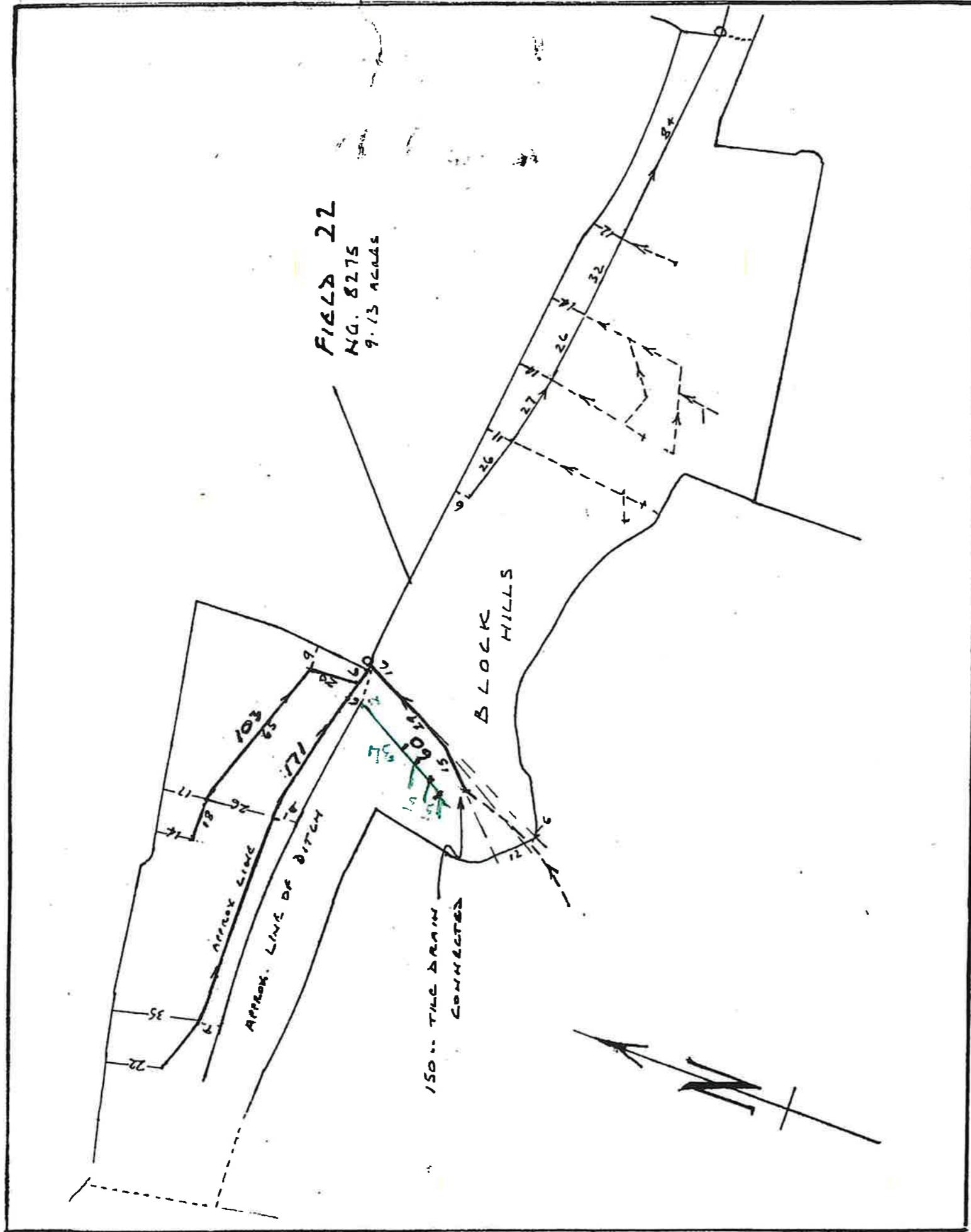
CROWN MORRIS
LAND DRAINAGE CLOUT.

LEGEND

- 150 mm TWINWALL PLASTIC DRAIN
- 100 mm PLASTIC DRAIN
- 80 mm "
- EXISTING 160 mm PLASTIC DRAIN
- SUSPENDED DRAINTHROW
- ELECTRICITY CABLES - DARTH 1,250 m
- WATER MAIN - 75 mm dia.
- WATER SUPPLY PIPE

CERTIFIED AS AN ACCURATE RECORD

MESSRS. H. & O. GODDARD
THORNTON FARM. BRAMFORD. SUFFOLK.



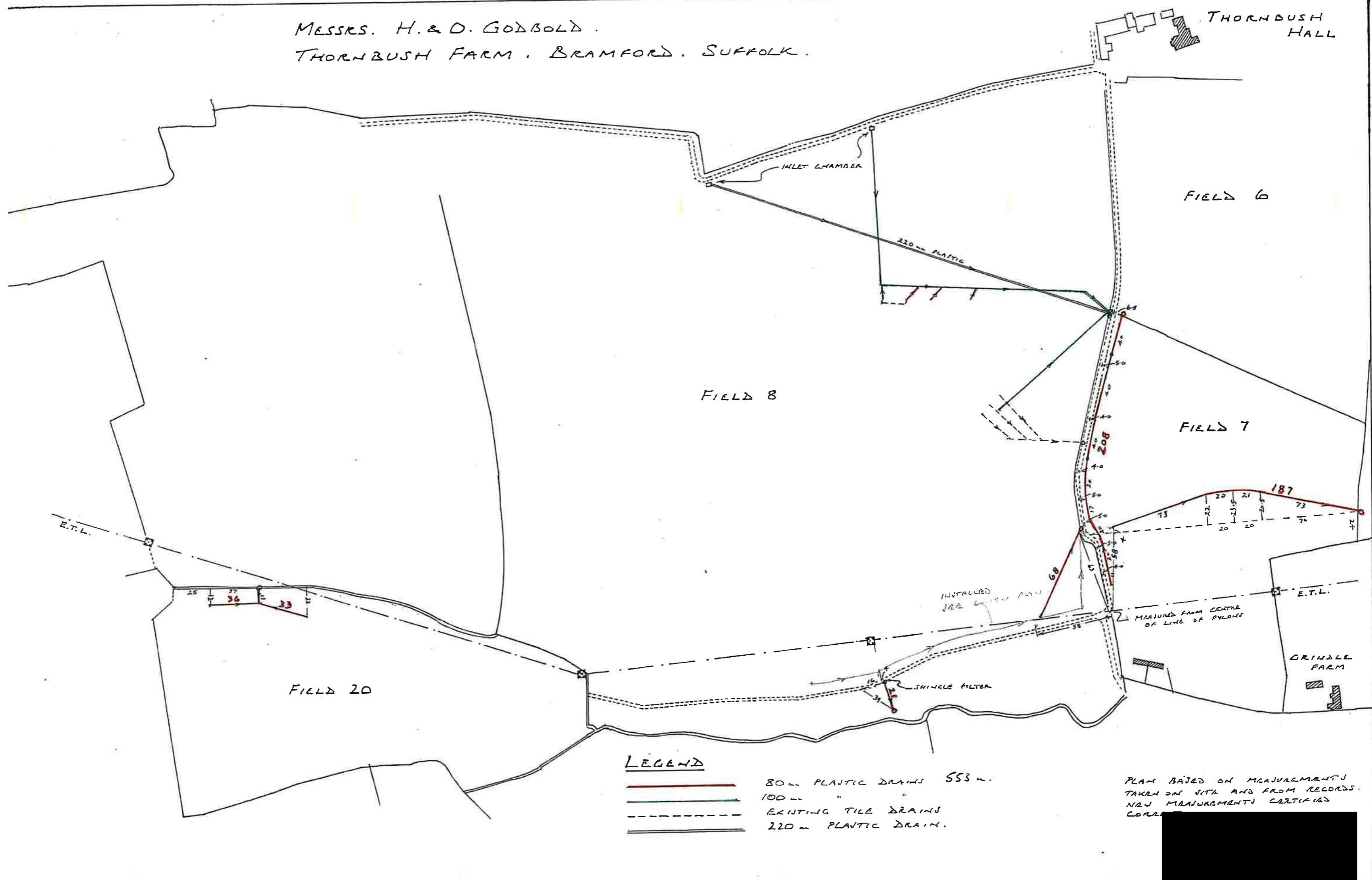
CROWN MORTGAGE
LAND DRAINAGE CHART

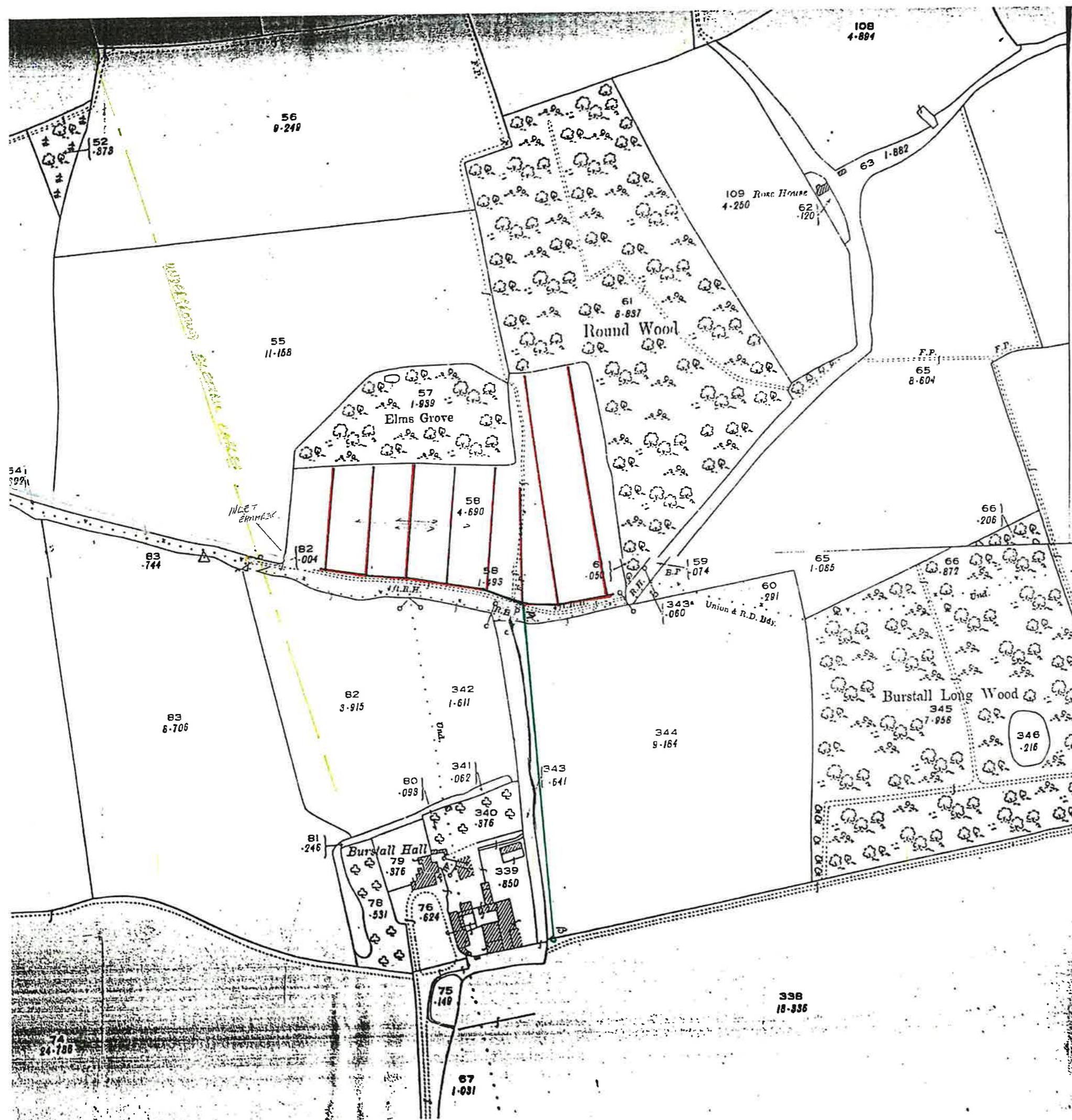
LEGEND

3" 3/97. O.G.H.
PICK UP EXISTING PIPES

PLANS BASED ON INVESTIGATIONS AND
AND MEASUREMENTS TAKEN ON SITE.

MESSRS. H. & D. GODBOLD.
THORNBUSH FARM, BRAMFORD, SUFFOLK.





PROPOSAL PLAN OF DRAINAGE SCHEME

FOR Messrs H & O Godbold
Thornbush Hall

Bramford, Ipswich.

MAFF HOLDING No. & SCHEME No. 38 /

O.S. SHEET NO. - - - O.S. 75/5 & 9

EDITIO

FIELD No. O.S. 58

PARISH & COUNTY Re: Burstall Hall

REPRODUCED FROM ORDNANCE SURVEY MAP WITH
THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S
STATIONERY OFFICE

CROWN COPYRIGHT RESERVED

SCALE 1:2500

H. G. THURSTON & CO. LTD., Old Newton, Stowmarket

DETAILS

(METRIC)

MOLE DRAINING 2.40 HECTARES 2.75m x .60 CM DEEP
SUBSOILING HECTARES — CM DEEP

OTHER *No Stone A-B*

Note: Beware underground cables. Locate before commencing work.

DITCH ELIMINATION

INLETS OUTLETS O

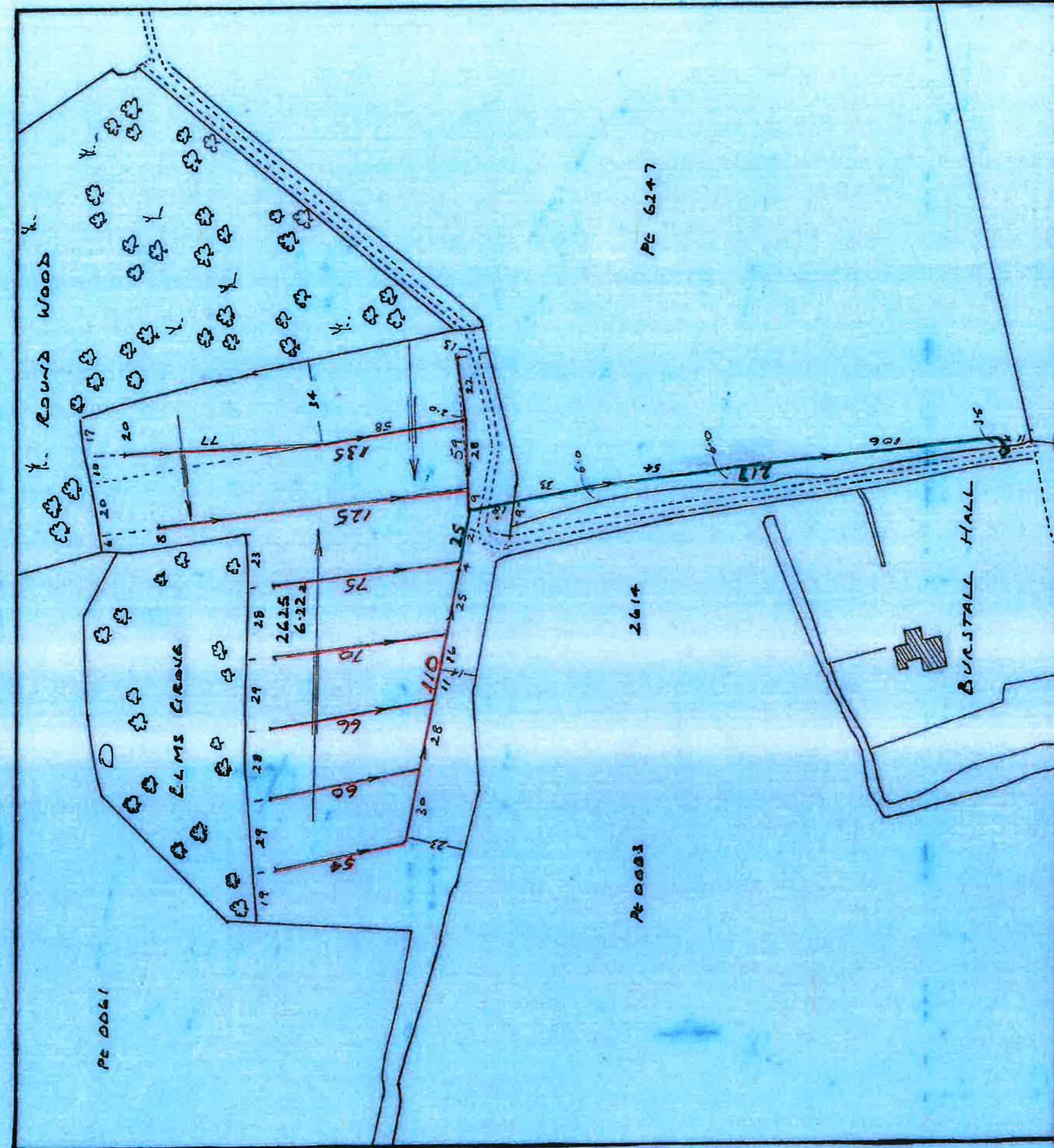
INSPECTION CHAMBER I.C.

INSPECTION CHAMBER - 8' x 6'

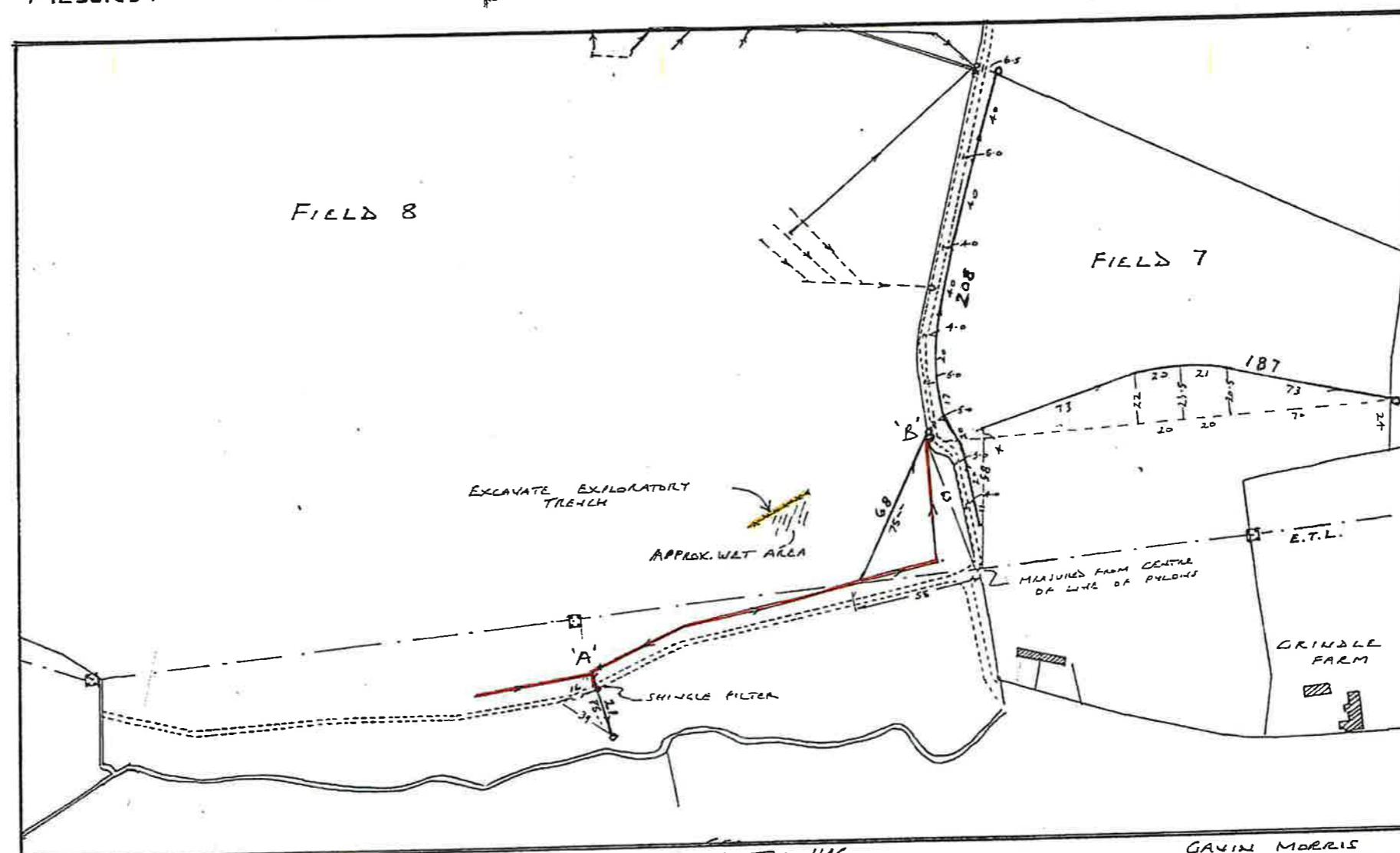
June 1997

Messrs H. & O. GOSBOLD.

THORNBUSH FARM. BRAMFORD. IPSWICH. SUFFOLK.



MESSRS. H. & D. GODBOLD, THORNBUSH FARM, BRAMFORD, SUFFOLK



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LICENCE NO AL 5540B

OS MAP REF. TM 1145
SCALE 1:2500

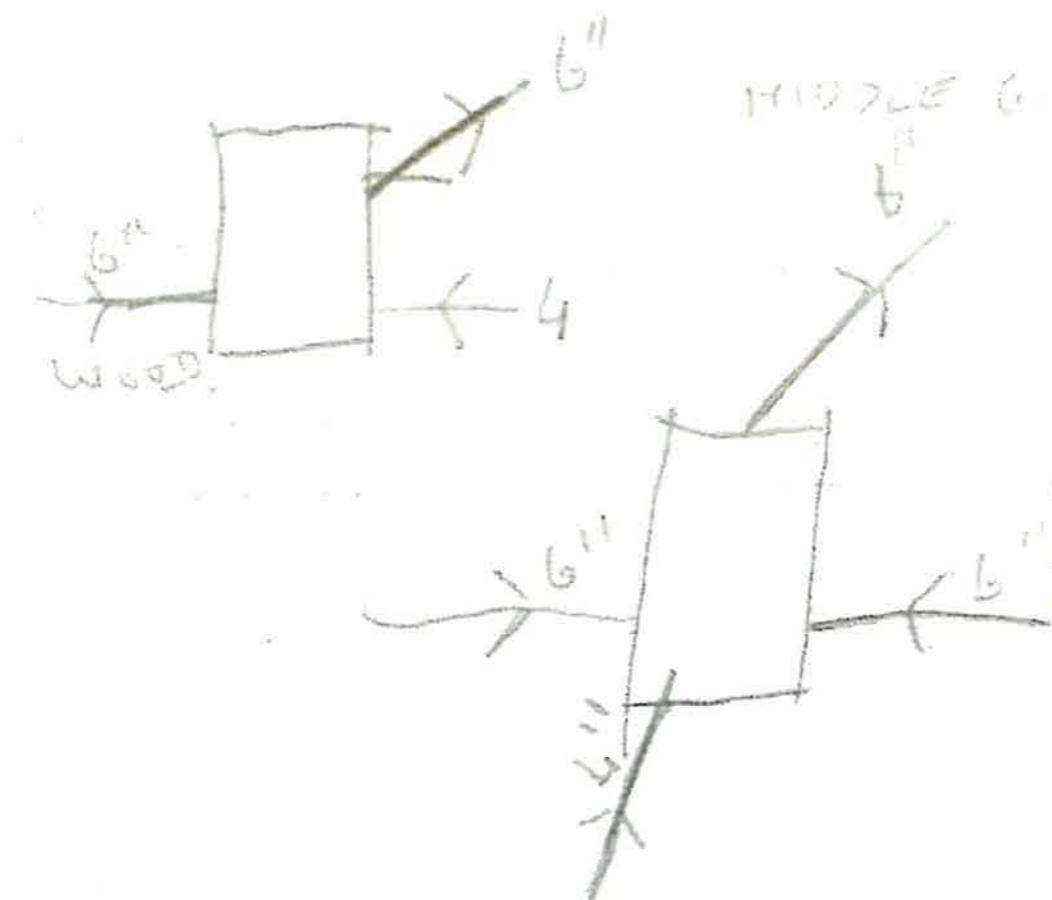
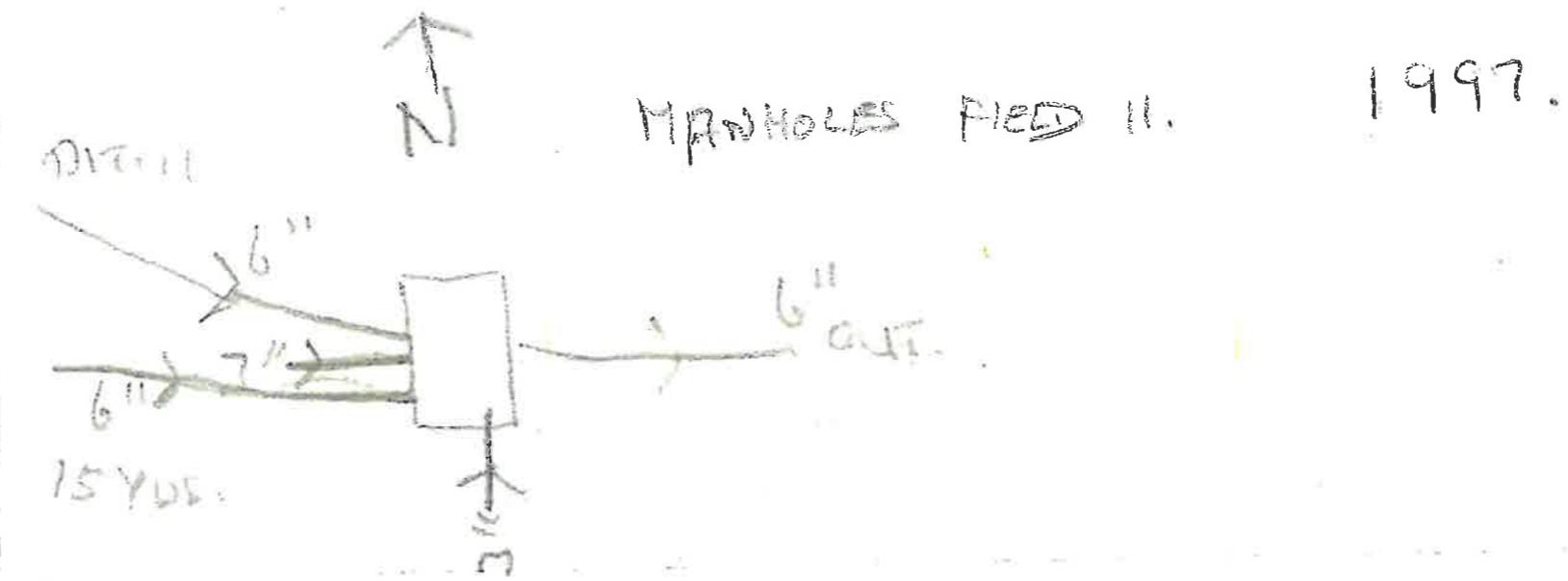
GAVIN MORRIS
LAND DRAIAGE CONSULTANT

LEGEND

80 - PLASTIC BRAIN

FROM OUTFALL POINTS AT 'A' AND 'B' GAIN DEPTH TO 1200 --. JUNCTION
EXISTING DRAINS (IF ANY FOUND), APPLY 75--. LAYER OF SHINGLE

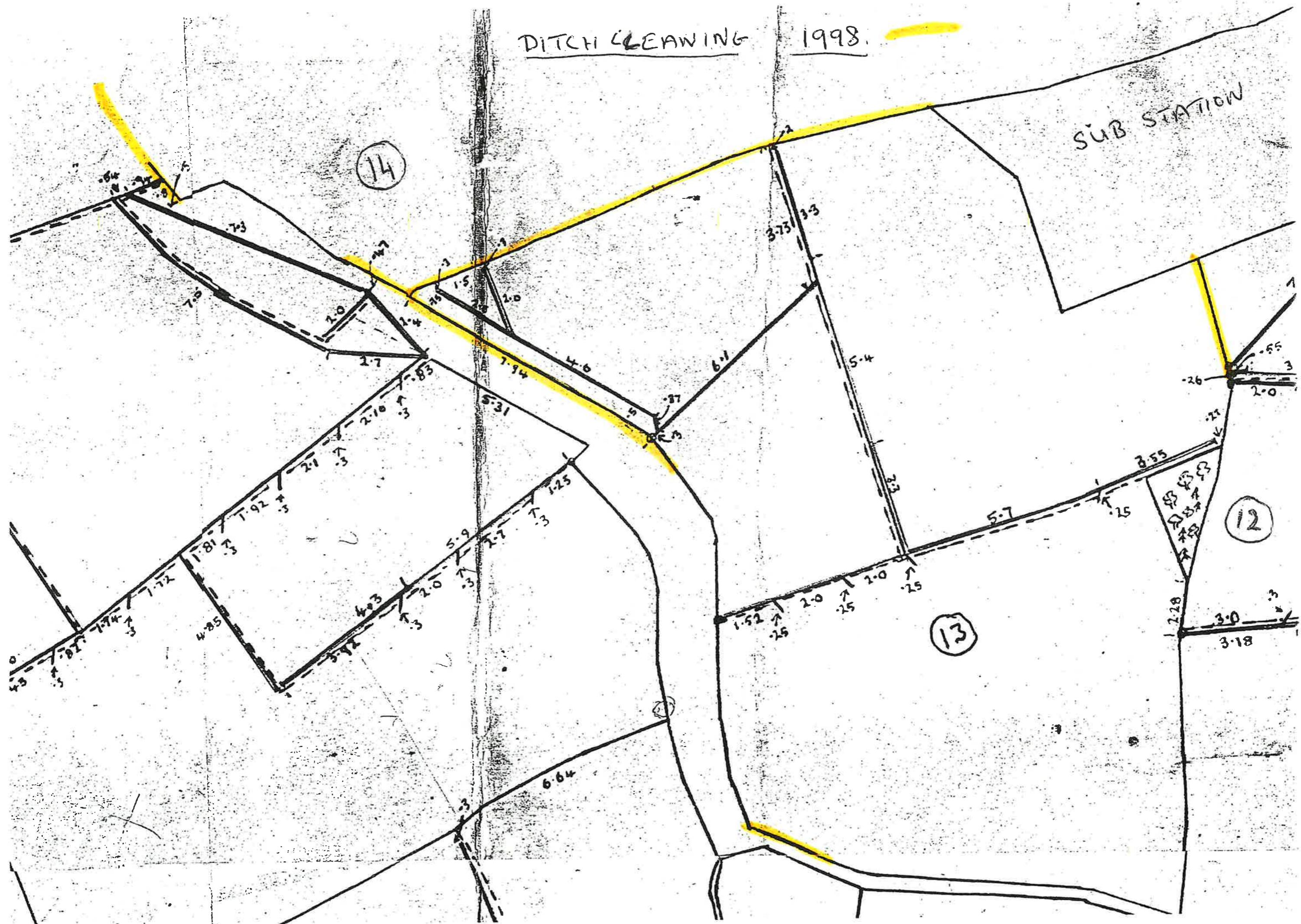
EXPLORATORY TRENCH TO 1,500-- DEE



DITCH CLEANING

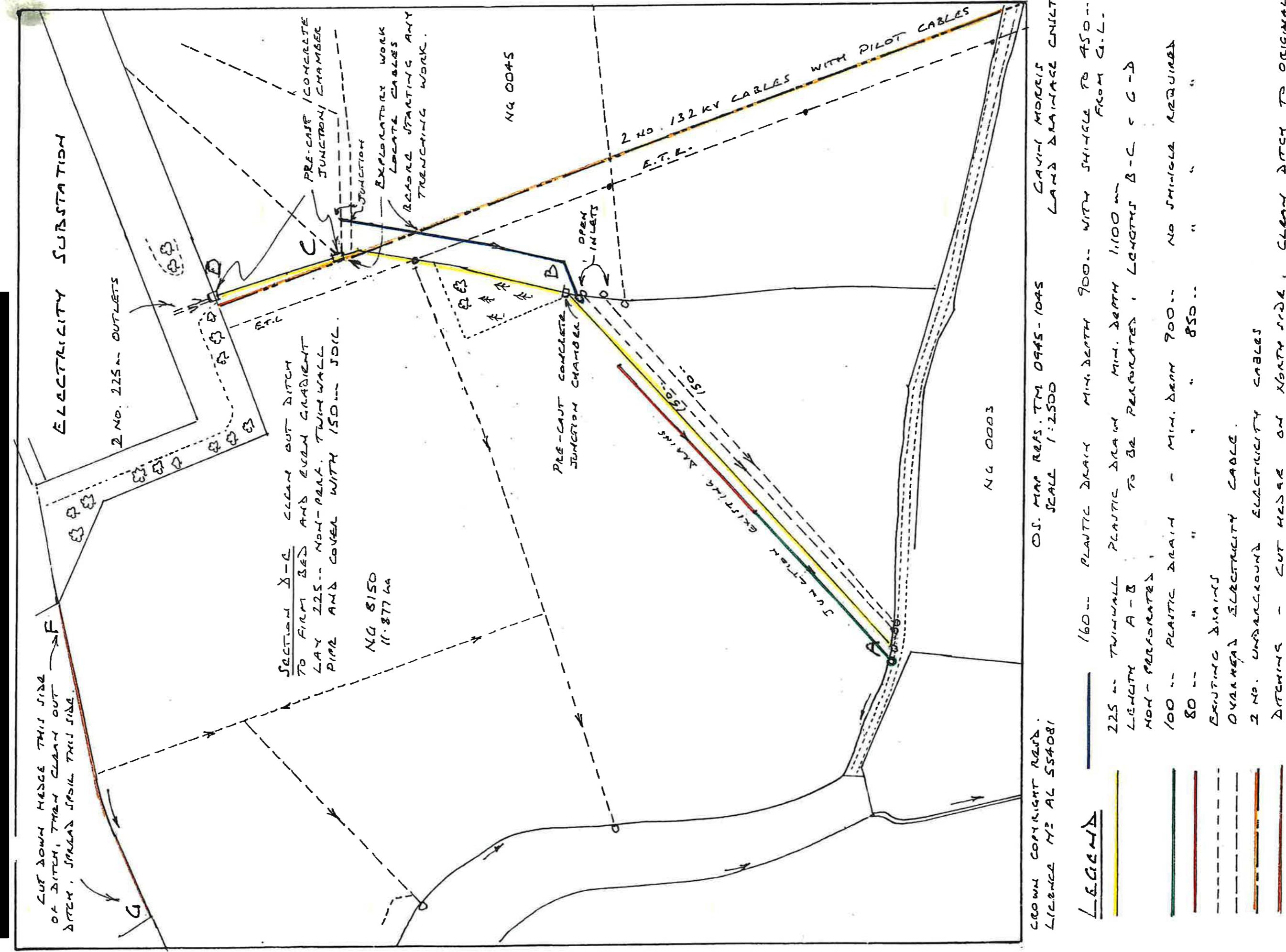
1998.

SUB STATION



Messrs. H. & O. Crozat & Co.

۲۷۰۰۰



MESSRS. H. & O. GODBOLD.
THORNBUSH HALL,
BRAMFORD.
SUFFOLK.

FIELD 18
2600

FIELD 19

4500
12-29

5616
4-22

JUNCTION
CHAMBER

LEGEND

- BOLL PLASTIC DRAINS
- - - 100m
- - - SHINGLE DRAINS

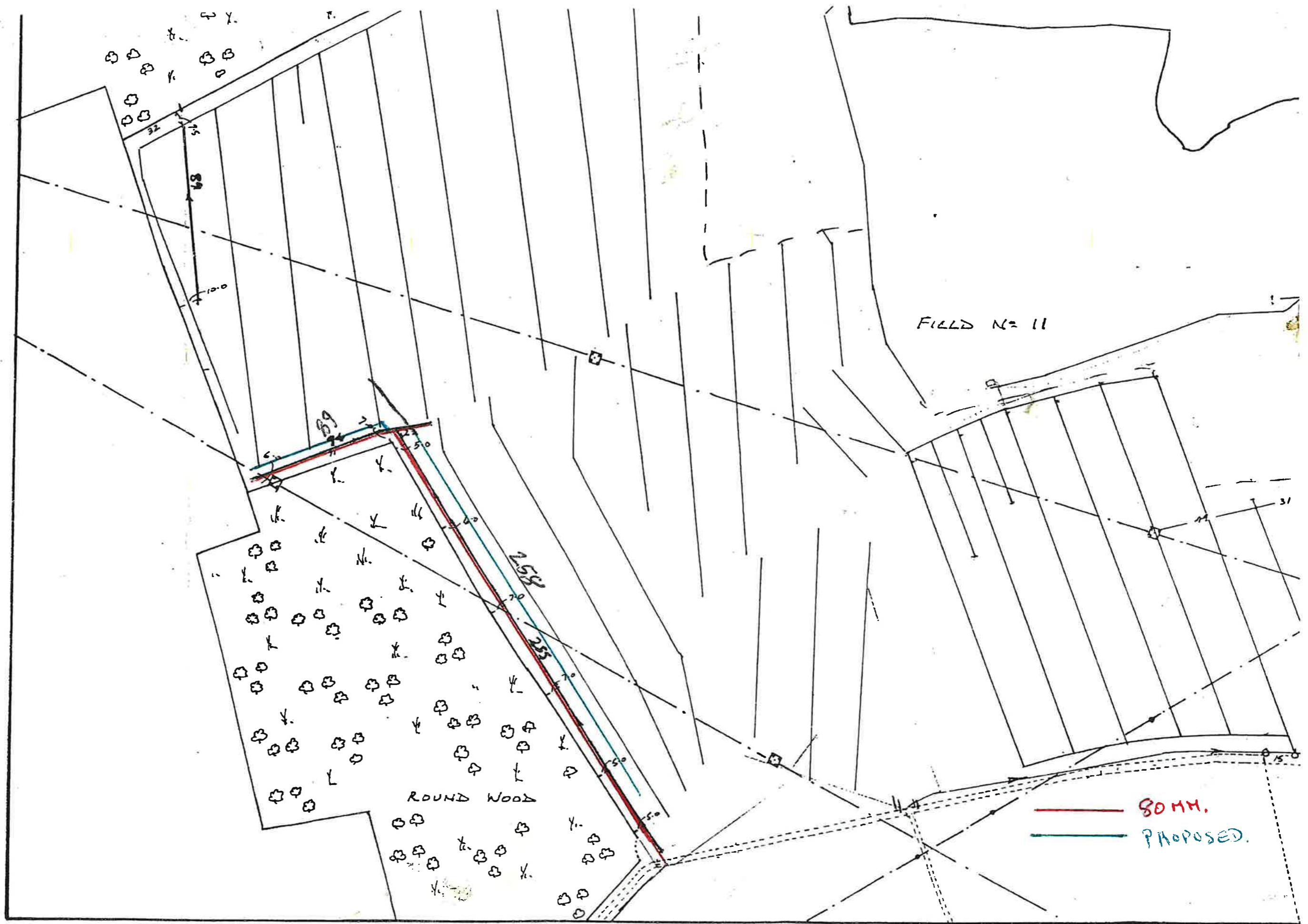
DERBY BARN

CROWN COPYRIGHT REED.
LICENCE NO AL 554081

O.S. MAP REF. TM 1144 & 1145
SCALE 1:2500

GRAHAM MORRIS
LAND DRAINAGE CONS.

23.9.98.



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LICENCE NO AL 554081

O.S. MAP Refs. TM 1045 - 1145.
SCALE 1:2500

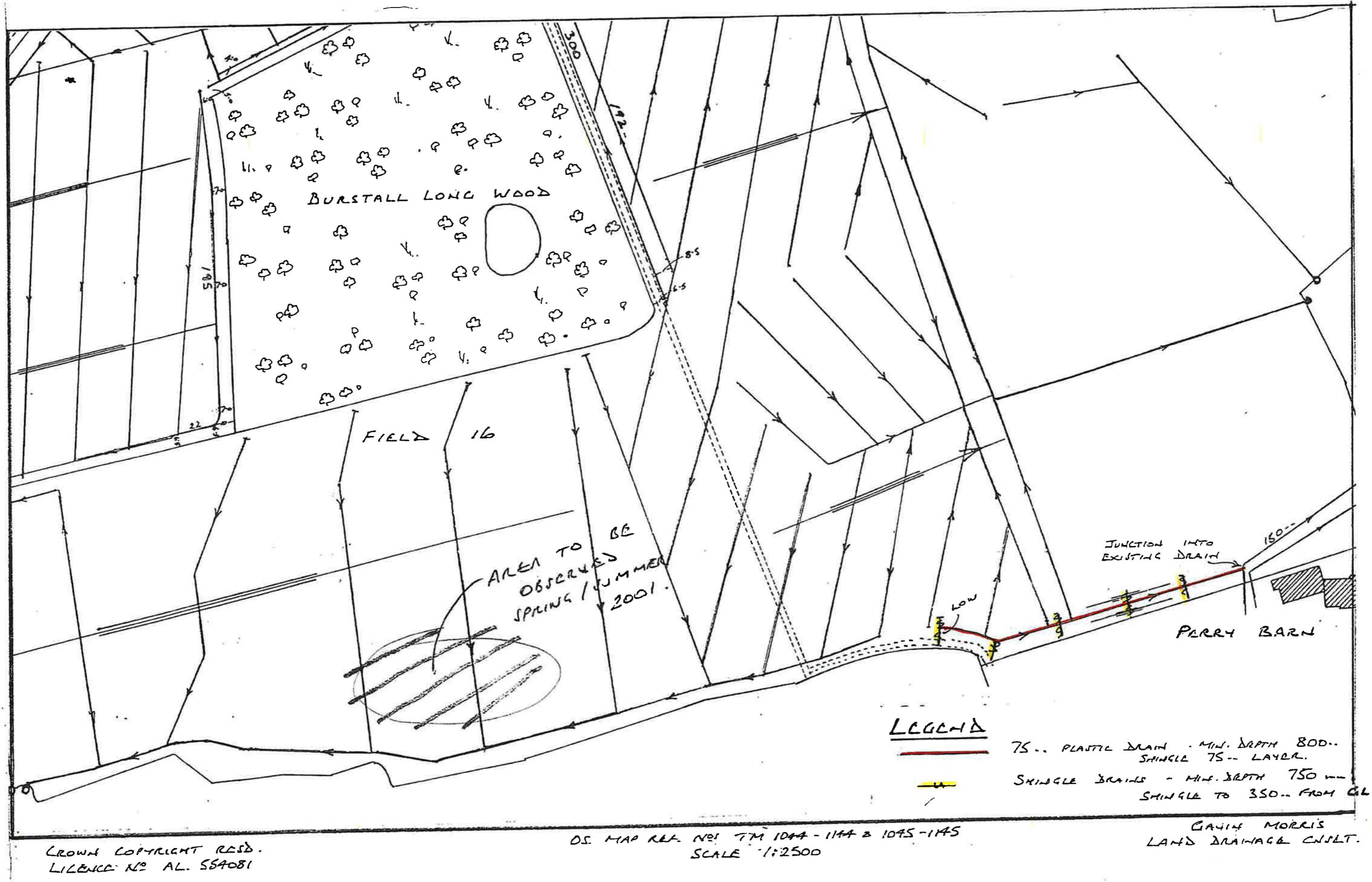
LEGEND

150m TILE DRAINS AND 160m PLASTIC DRAINS



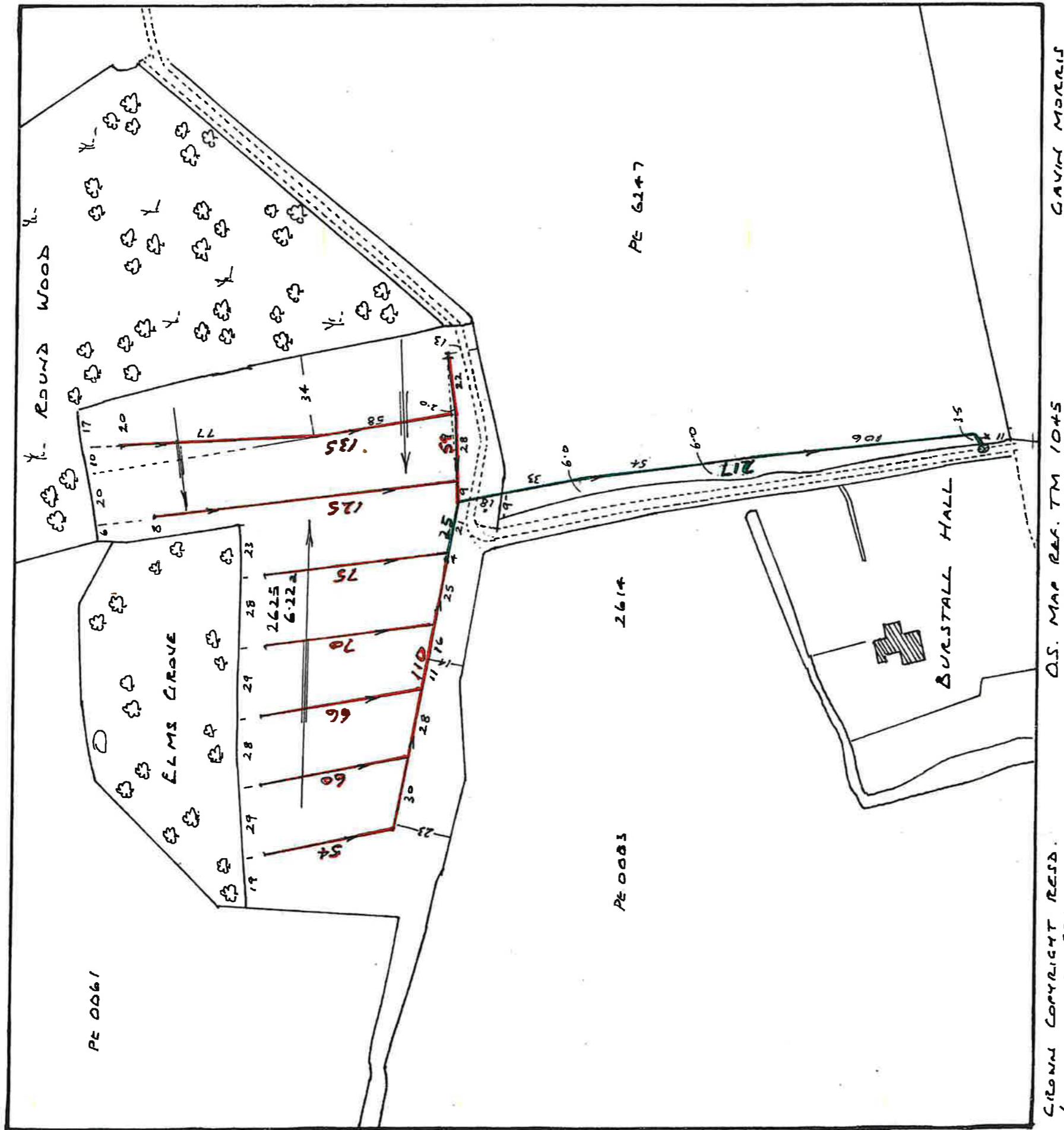
MESSRS. H. & O. GODBOLD.

SUFFOLK



Messrs H. & O. Godbold.

Bramford. Ipswich. Surface.

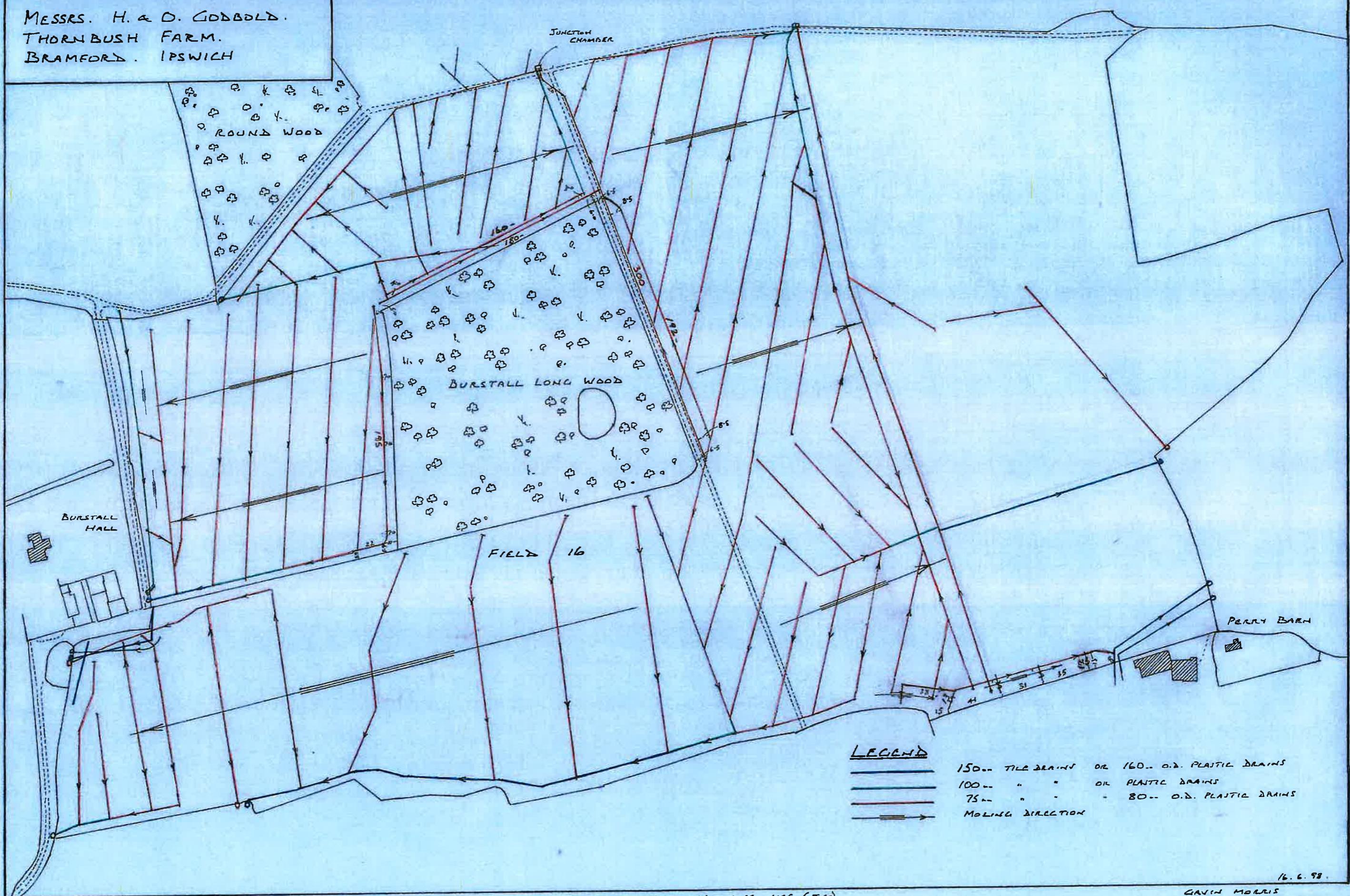


LEGEND

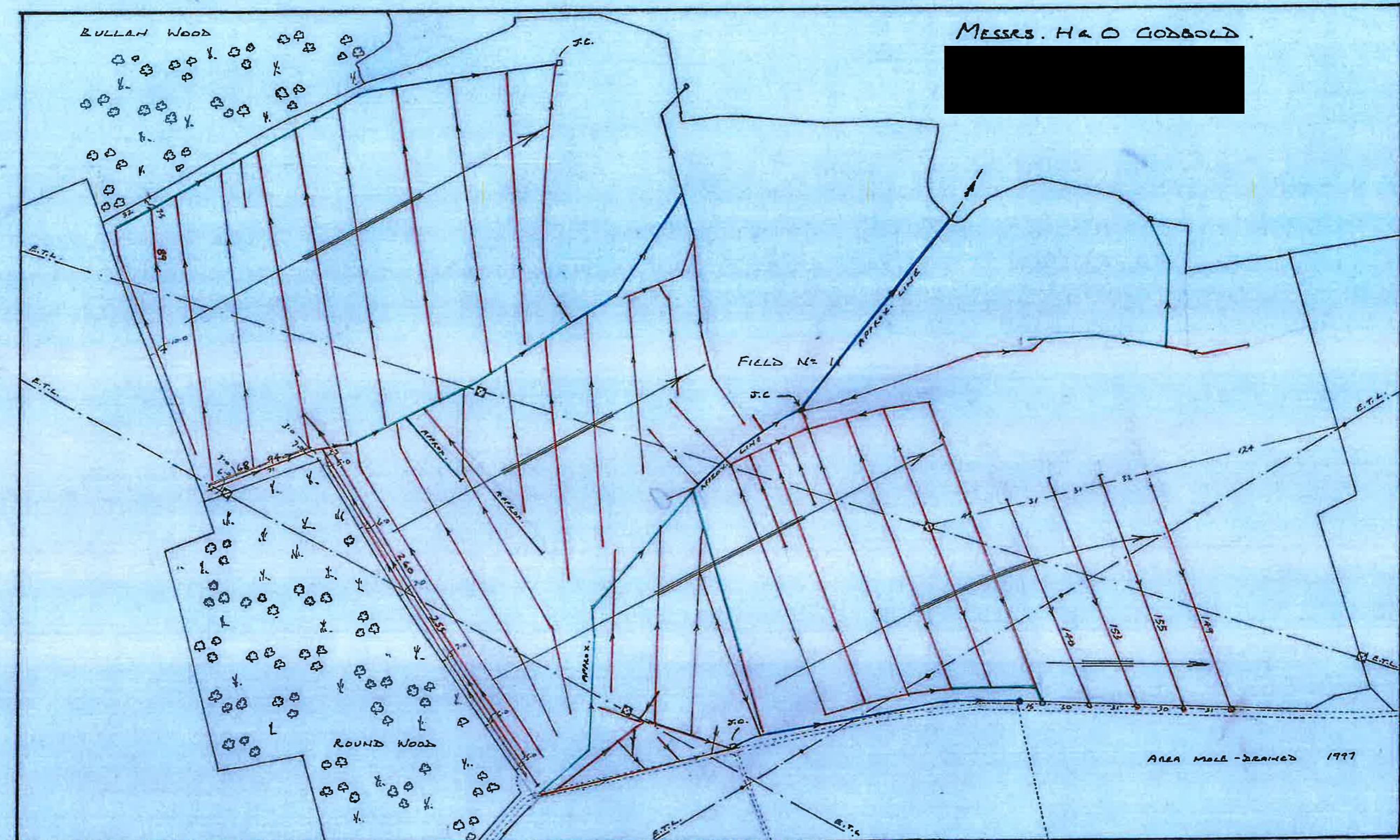
CONTINUED ON AN ACCURATE RECORD

FIELD 16

MESSRS. H. & D. GODBOLD.
THORN BUSH FARM.
BRAMFORD. IPSWICH



FIELD NO 11



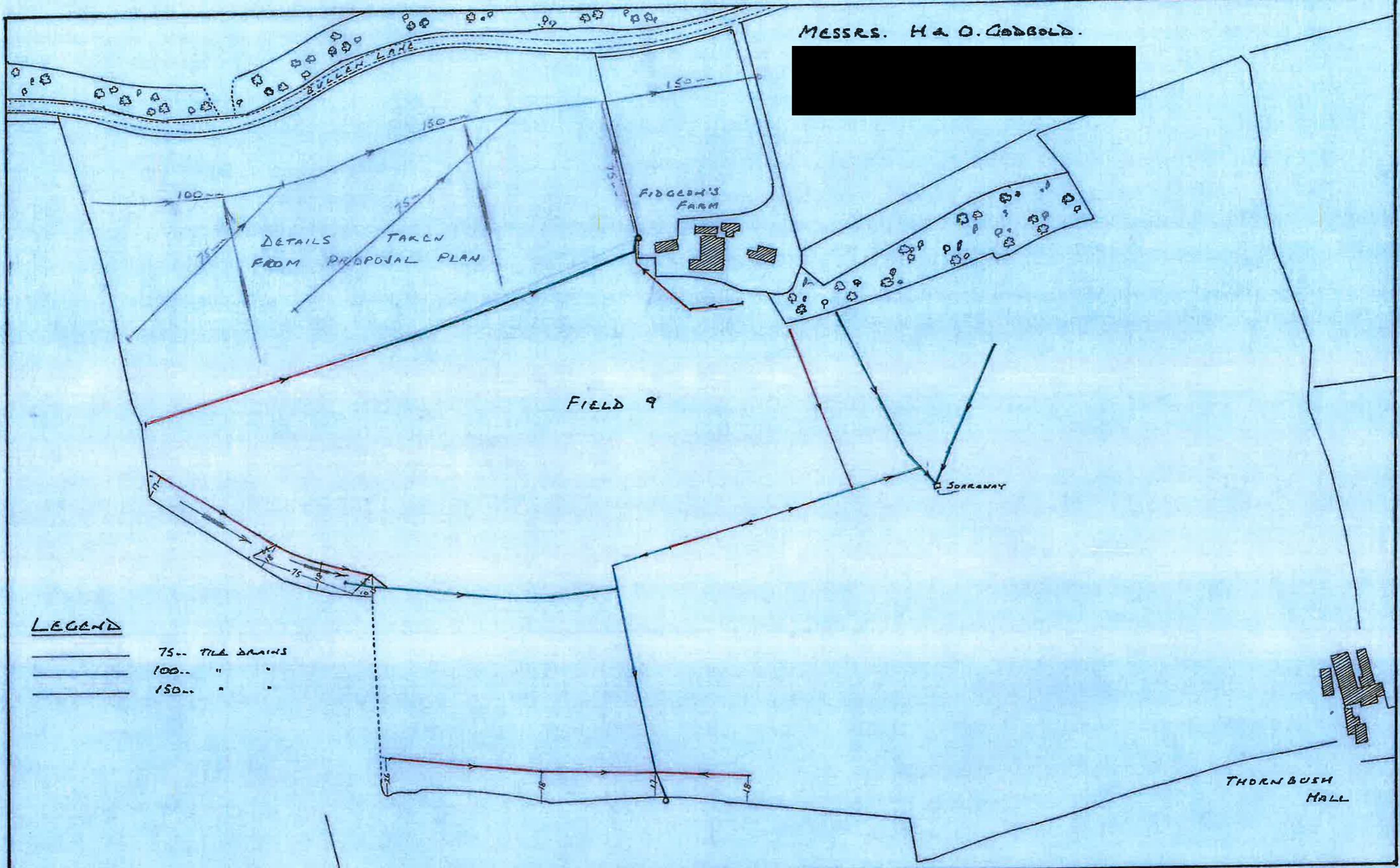
CROWN COPYRIGHT RESERVED.
LICENCE NO AL 554081

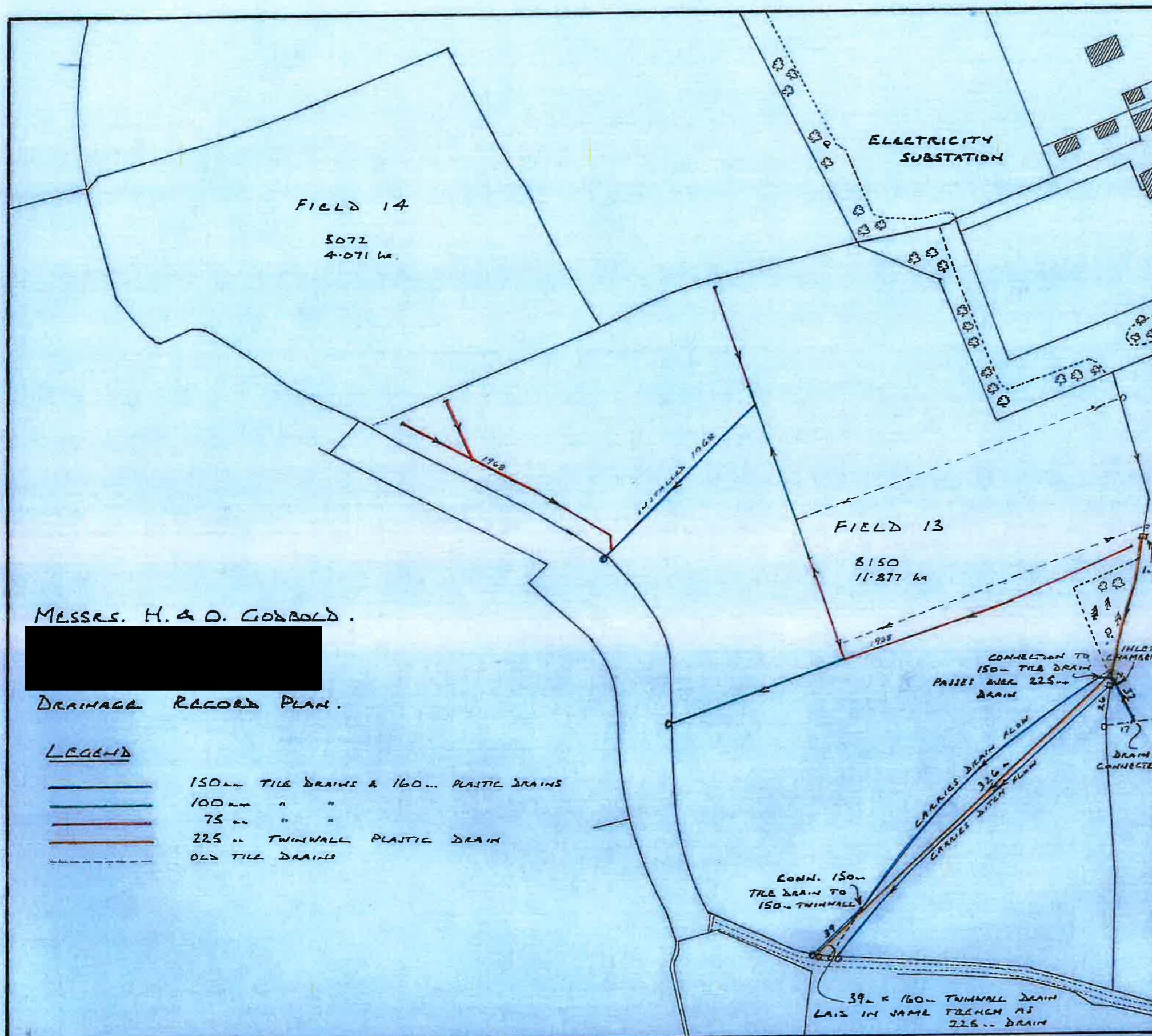
O.S. MAP Refs. TM 1045 - 1145.
SCALE 1:2500

GAVIN MORRIS
LAND DRAINAGE CONSULT.

LEGEND

- 150m TIE DRAINS AND 160m PLASTIC DRAINS
- 100m " " 100m "
- 75m " " 80m "
- > MOLING DIRECTION





MESSRS. H & O GODBOLD.

LEGEND

- 75m. TILE & 80m. PLASTIC
DRAINS
- 100m. " " 100m. "
- - - OLD TILE DRAINS
- 150m. TILE DRAINS
- MOLING DIRECTION
- WATER SUPPLY PIPE

FIELD 15

BURSTALL
HALL

WATER
SUPPLY PIPE

27
35
30

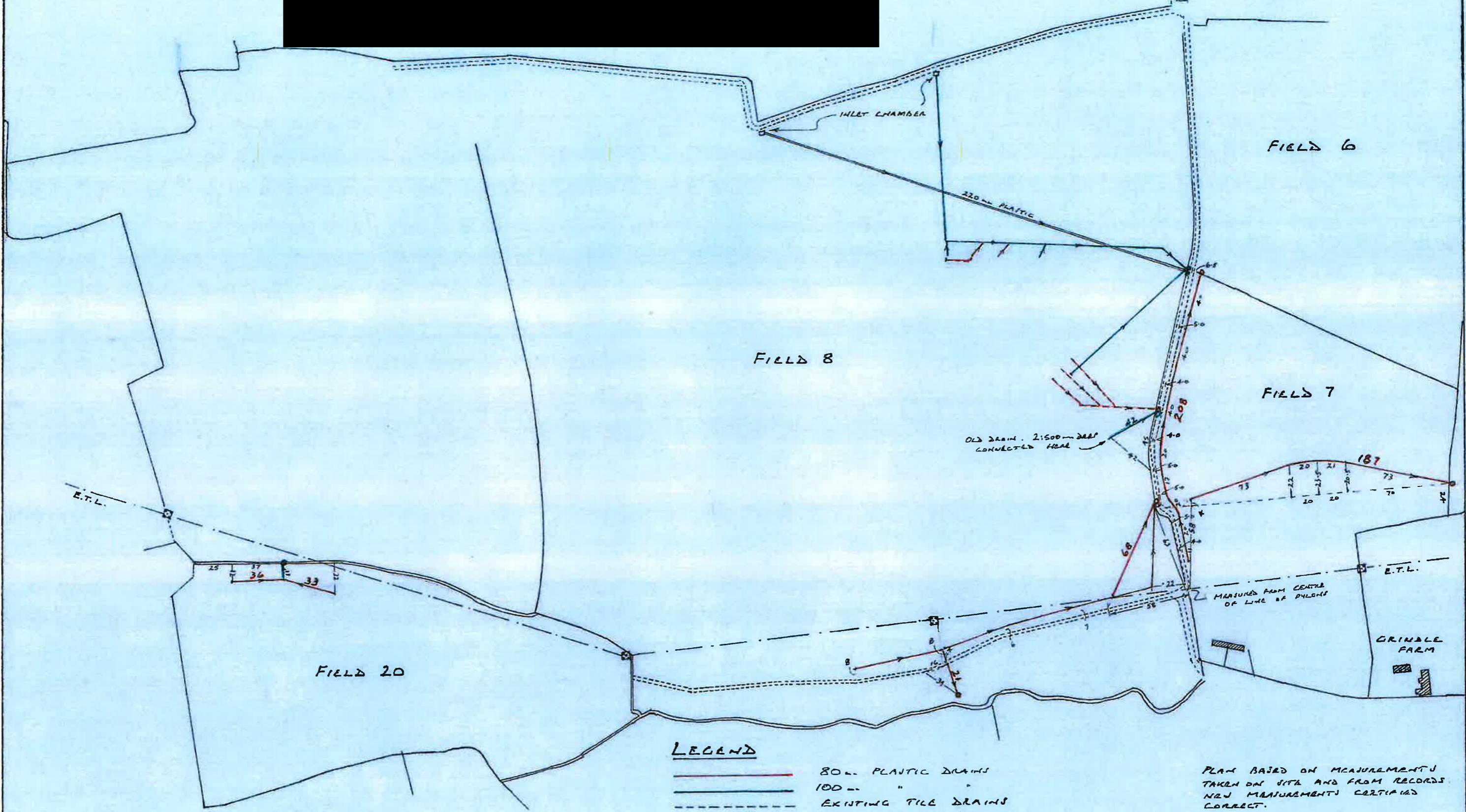
21.9.78.

LANGSTON HOUSE

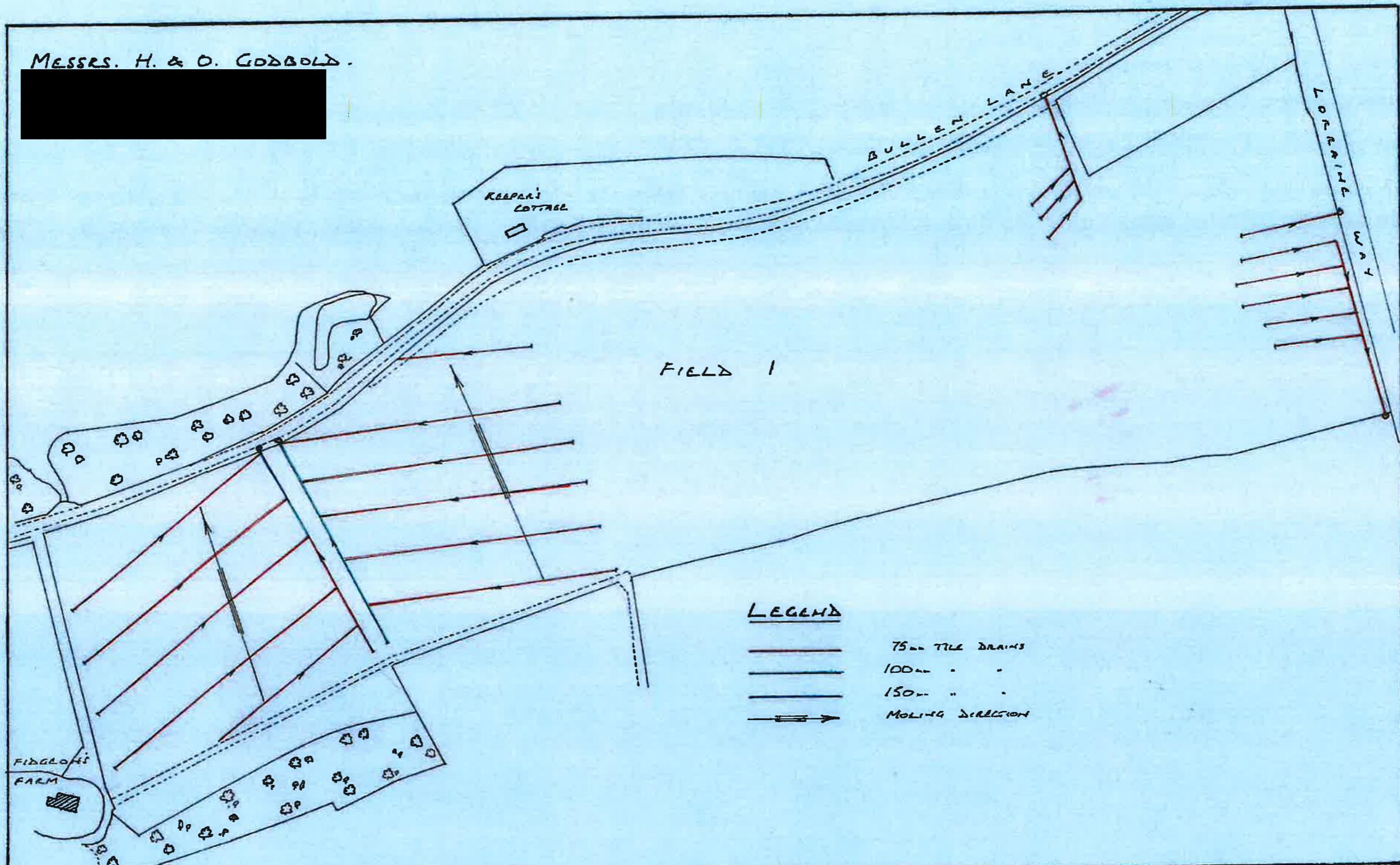
GAVIN MORRIS
LAND DRAINAGE CHELT.

MESSRS. H. & D. GODBOLD.

THORNBUSH HALL



MESSRS. H. & O. GODBOLD.



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LICENCE NO. AL 854081

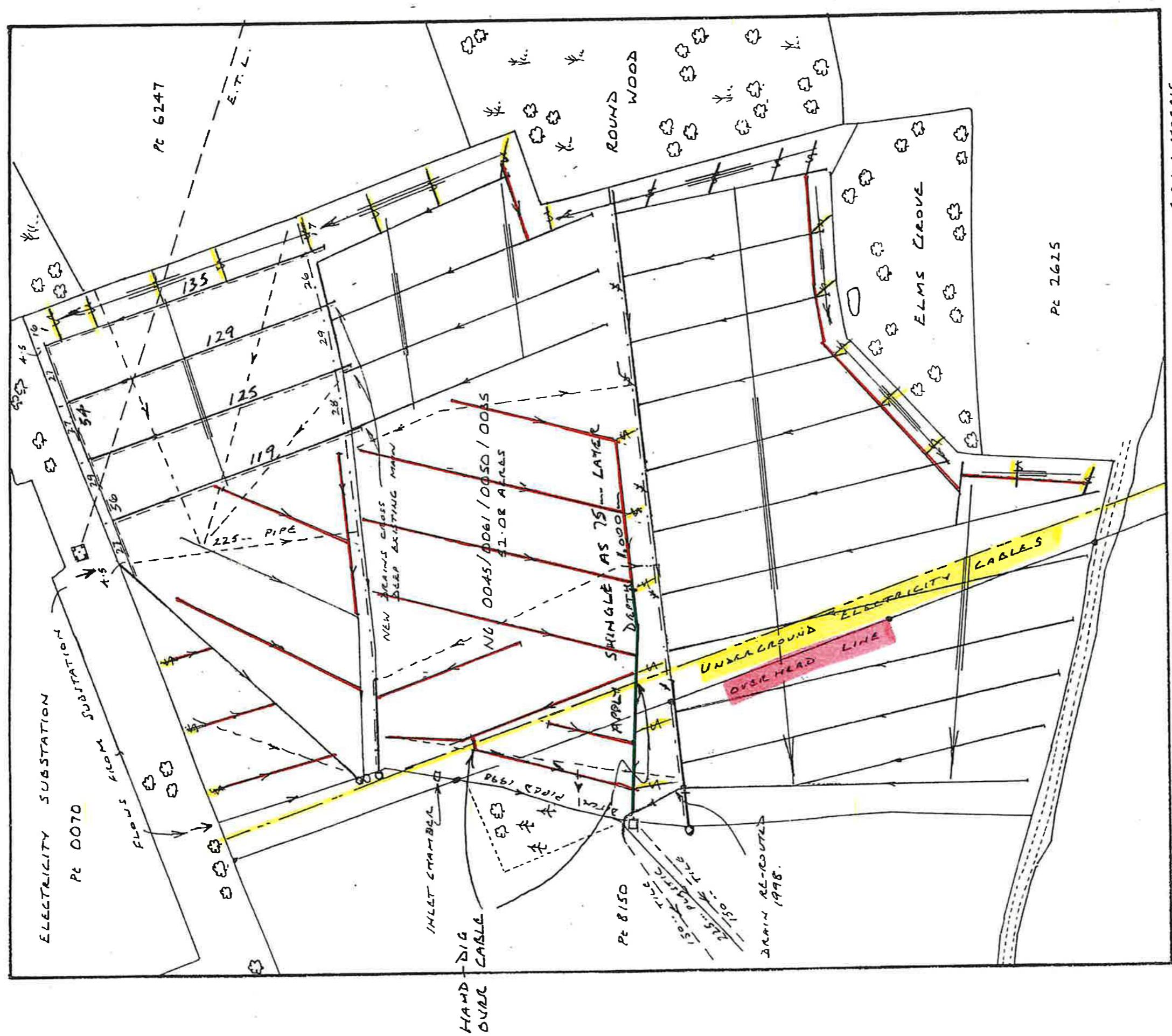
OS. MAP REF. TM 1146
SCALE 1: 2500

CAVIN MORRIS
LAND DRAINAGE CONSULT.

FIELD 12. PROPOSAL. PLAN. 2000.

MESSRS. H. & O. GODBOLD.

BRAMFORD.



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MAP REF. TM 0945-1045
SCALE 1:2500

CROWN MORRIS
LAND DRAINAGE CONST.

LEGEND

DEPTH

- 100 -- Plastic drain 1000 mm
- 80 " " 800 mm
- 60 " " 600 mm
- 40 " " 400 mm
- 20 " " 200 mm
- 10 " " 100 mm

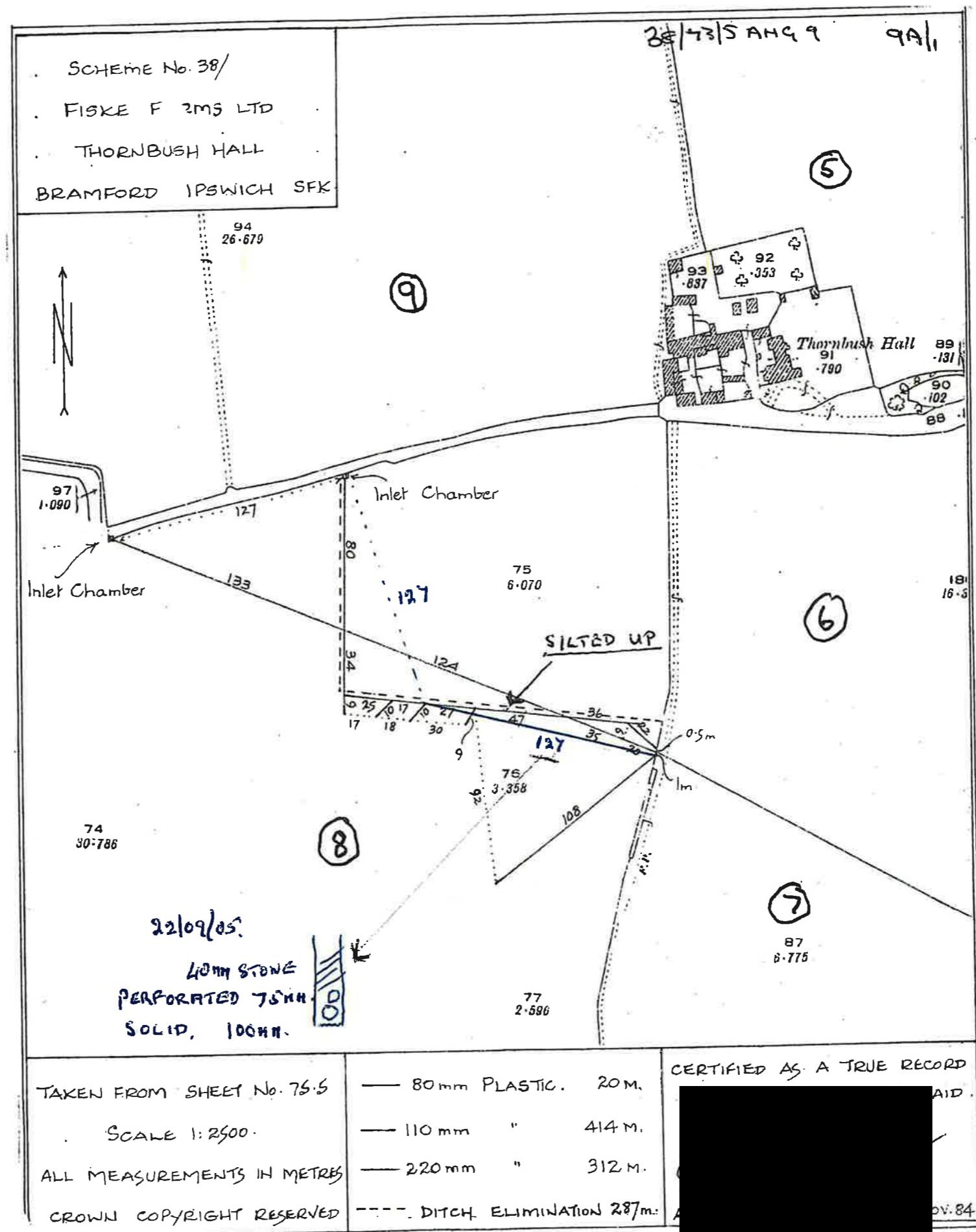
EXISTING 75 -- tile drains

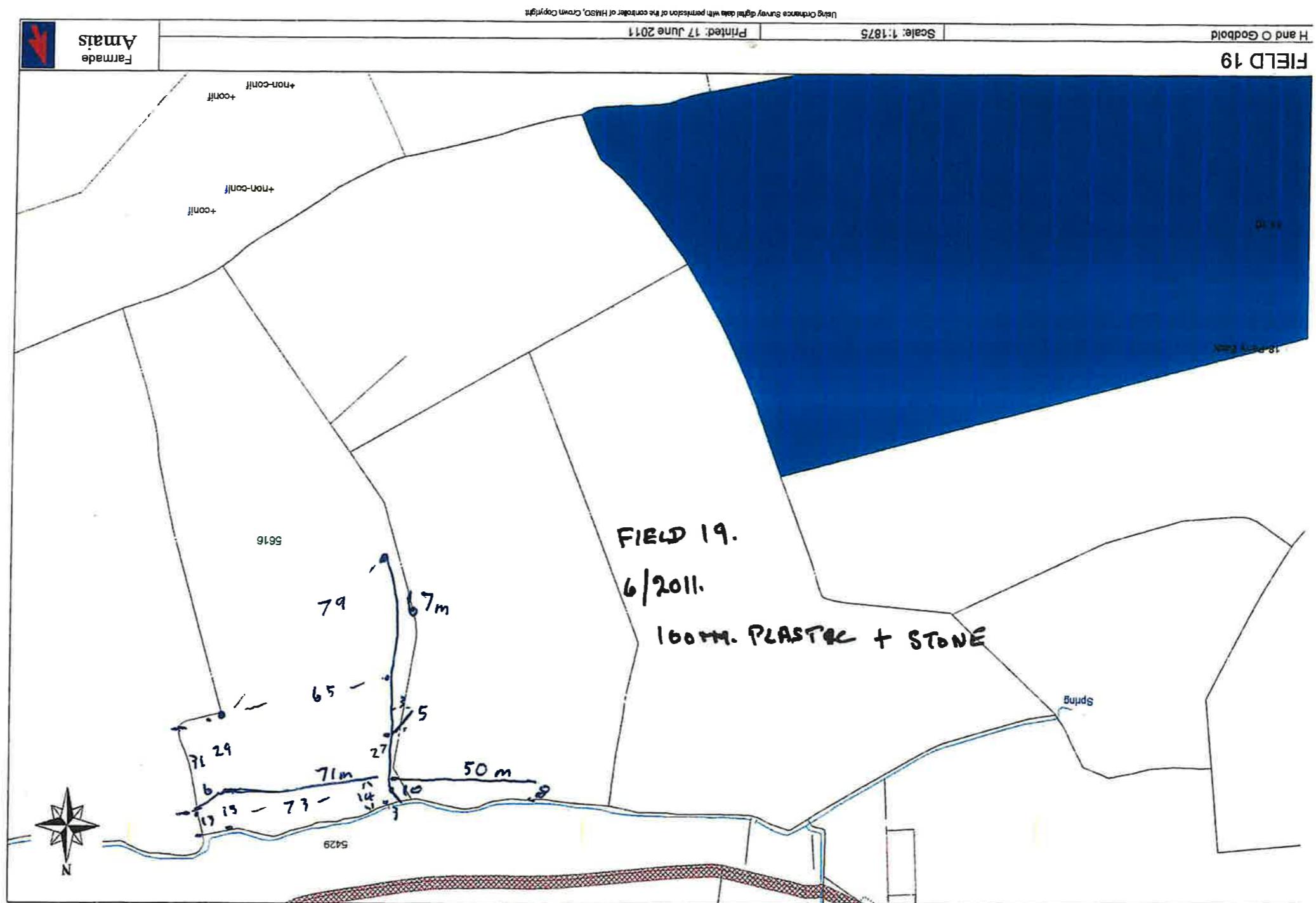
100 " " 100 mm

150 " " 150 mm

Mould direction

Arrow straight to 45° from ground level





THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
DESIGN AND LAYOUT PLANS
INDICATIVE BRAMFORD SUBSTATION LAYOUT
REGULATION 5(2)(o)
SECTION B, SHEET 1 OF 1
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.6.1



LEGEND

- Proposed equipment
- Existing equipment (National Grid)
- Proposed overhead line works
- Equipment to be removed
- Development works (Other schemes)
- Order limits

Substation permanent access

LIST OF ABBREVIATIONS

PRR	Portable Relay Room
CB	Circuit Breaker
CT	Current Transformer
VT	Voltage Transformer
SA	Surge Arrester
PI	Power Indicator
ES	Earth Switch
SGT	Supergrid Transformer
DSC	Disconnector
STATCOM	Static Synchronous Compensator
SHR	Shunt Reactor
DG	Diesel Generator
SVC	Static Var Compensator
DRC	Dynamic Reactive Compensator
EV	Electric Vehicle
GIS	Gas Insulated Switchgear
QB	Quad Booster
DNO	Distribution Network Operator

Notes

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- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- All dimensions are approximate and indicated in metres (m) unless noted otherwise.
- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- The voltage of the overhead line shown is 400kV.

0 10 20 30 40 50
METERS 1:1000

BACKGROUND MAPPING INFORMATION HAS BEEN REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF ORDNANCE SURVEY OF THE CONTROLLER OF HIS MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT AND DATABASE RIGHTS (2025) LICENCE OS100024241 AND AC0006070748.

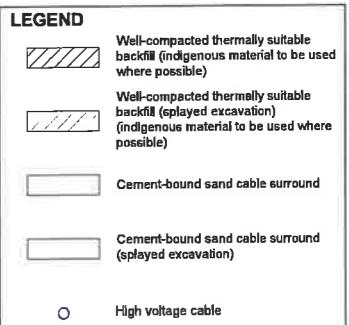
A	AUG-2025	For DCO submission	SG	CB	KR
Issue	Date	Remarks	Drawn	checked	Approved

Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
DESIGN AND LAYOUT PLANS
INDICATIVE BRAMFORD SUBSTATION LAYOUT
REGULATION 5(2)(o)
SECTION B, SHEET 1 OF 1
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

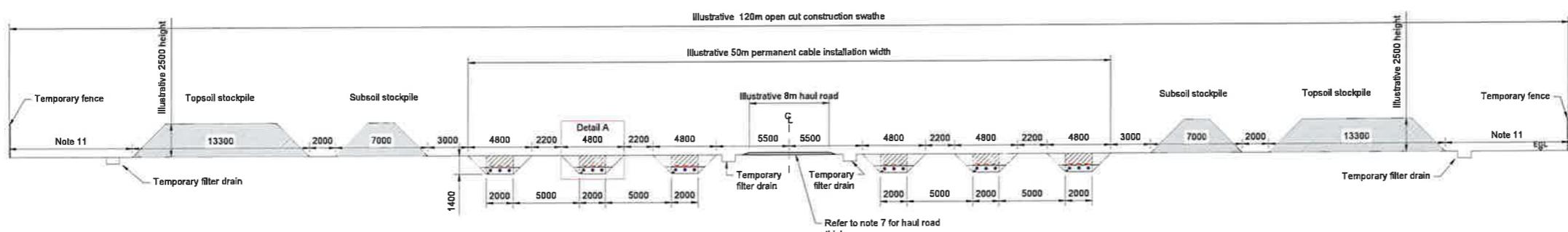
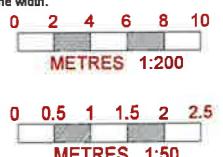
PINS Application Number	EN020027
National Grid Drawing Reference	AENC-MMAC-ENG-DWG-0085-11
Scale	1:1000
Sheet Size	A1
Sheet	SHEET 1 OF 1
Issue	A

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE HIGH VOLTAGE CABLE DIRECT BURIED CROSS SECTION AND CONSTRUCTION EASEMENT DRAWING
REGULATION 5(2)(o)
SHEET 1 OF 1

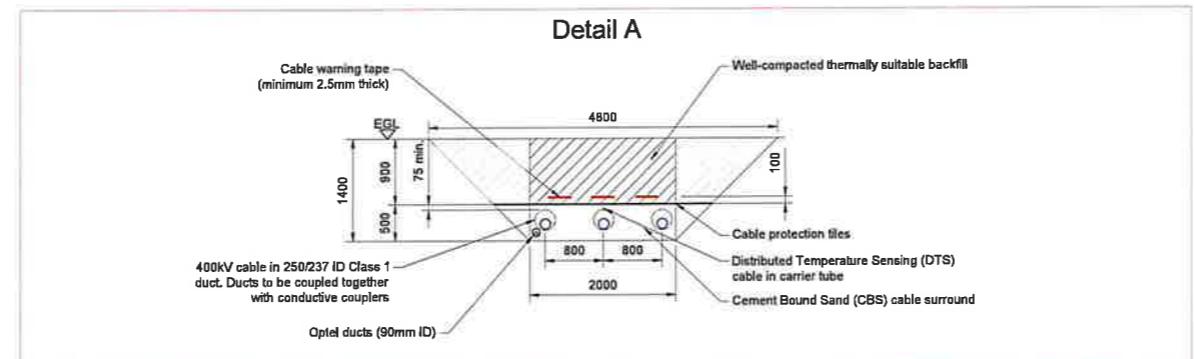


Notes

- These plans are illustrative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- All dimensions are approximate and indicated in millimetres (mm) unless noted otherwise.
- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- The proposed arrangement, including circuit and cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.
- The cable construction swathe may reduce in width subject to site constraints. At these locations, associated topsoil and subsoil may be stored elsewhere along the route. It is assumed that soil stockpiles will be locally omitted where the swathe passes through hedgerows or in areas that are otherwise constrained. In particularly constrained areas, the trench spacing could be reduced by using vertical excavations and appropriate temporary works. However, this approach is not recommended for all locations as battered excavations will substantially aid efficiency of construction.
- Haul road dimensions and depths are subject to vehicle requirements and ground conditions.
- Drainage details are shown illustratively. Requirements are subject to site conditions and construction methodology.
- Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
- A "bypass" haul road is required on a location-specific basis to provide parallel access to overhead lines outside the underground cable working area. In these locations, the widths will be in accordance with the Illustrative Haul Road Cross Section drawing.
- Offset between perimeter fence and bund allows for spacing of other features to change as a result of varying site conditions without affecting the overall swathe width.

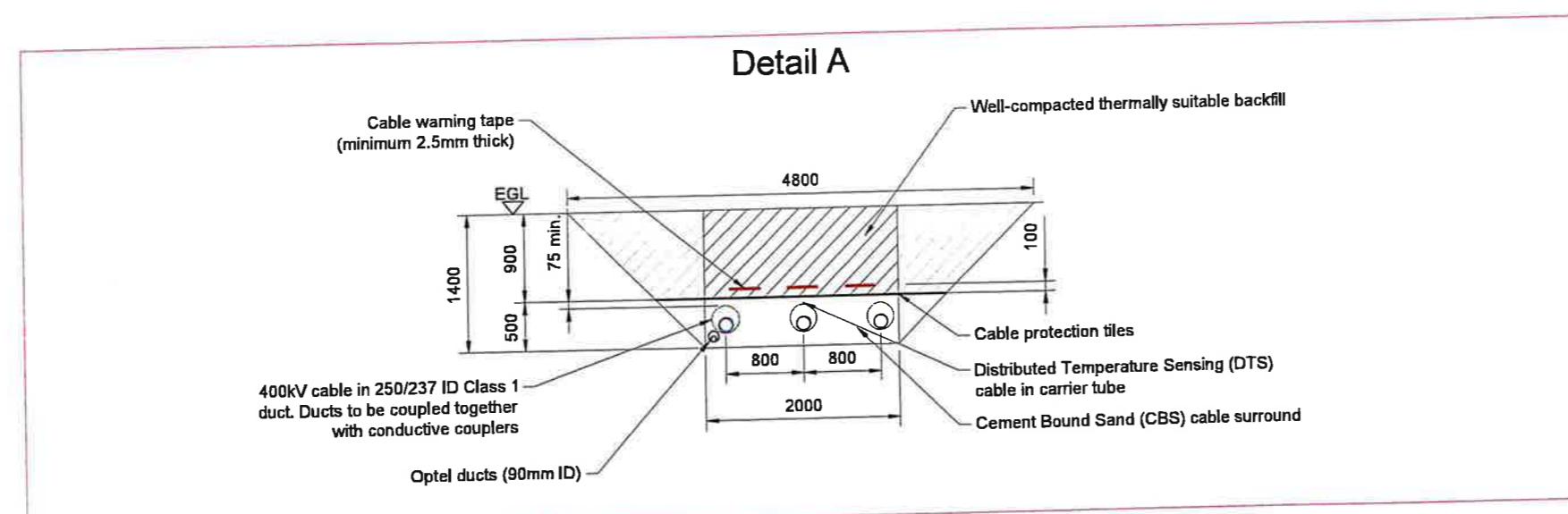
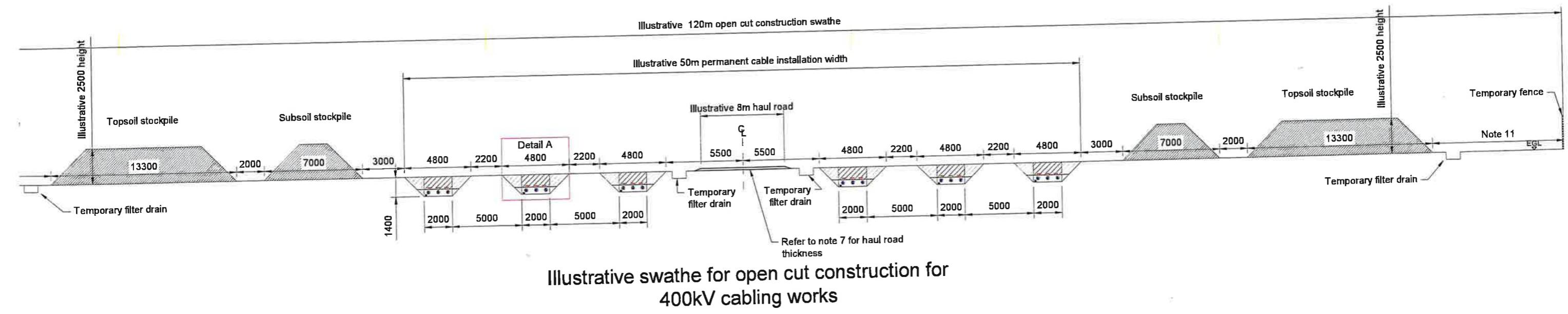


Illustrative swathe for open cut construction for 400kV cabling works



Illustrative direct buried cable trench cross-section

A	AUG-2025	For DCO submission	OB	CK	KR
Issue	Date	Remarks	Drawn	Checked	Approved
Title: THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE HIGH VOLTAGE CABLE DIRECT BURIED CROSS SECTION AND CONSTRUCTION EASEMENT DRAWING REGULATION 5(2)(o) SHEET 1 OF 1					
nationalgrid					
PNS Application Number: EN020027					
National Grid Drawing Reference: AENC-MMAC-ENG-DWG-0085-01					
Scale	Sheet Size	Page	Sheet	Page	Sheet
As shown	A1	SHEET 1 OF 1	A		

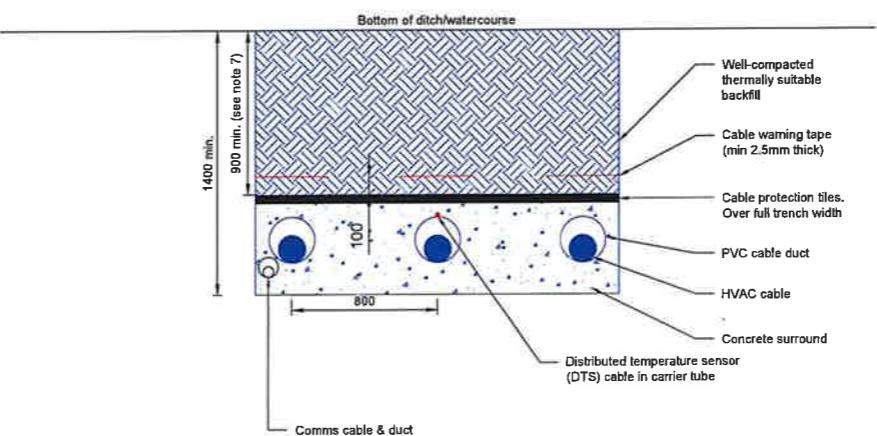
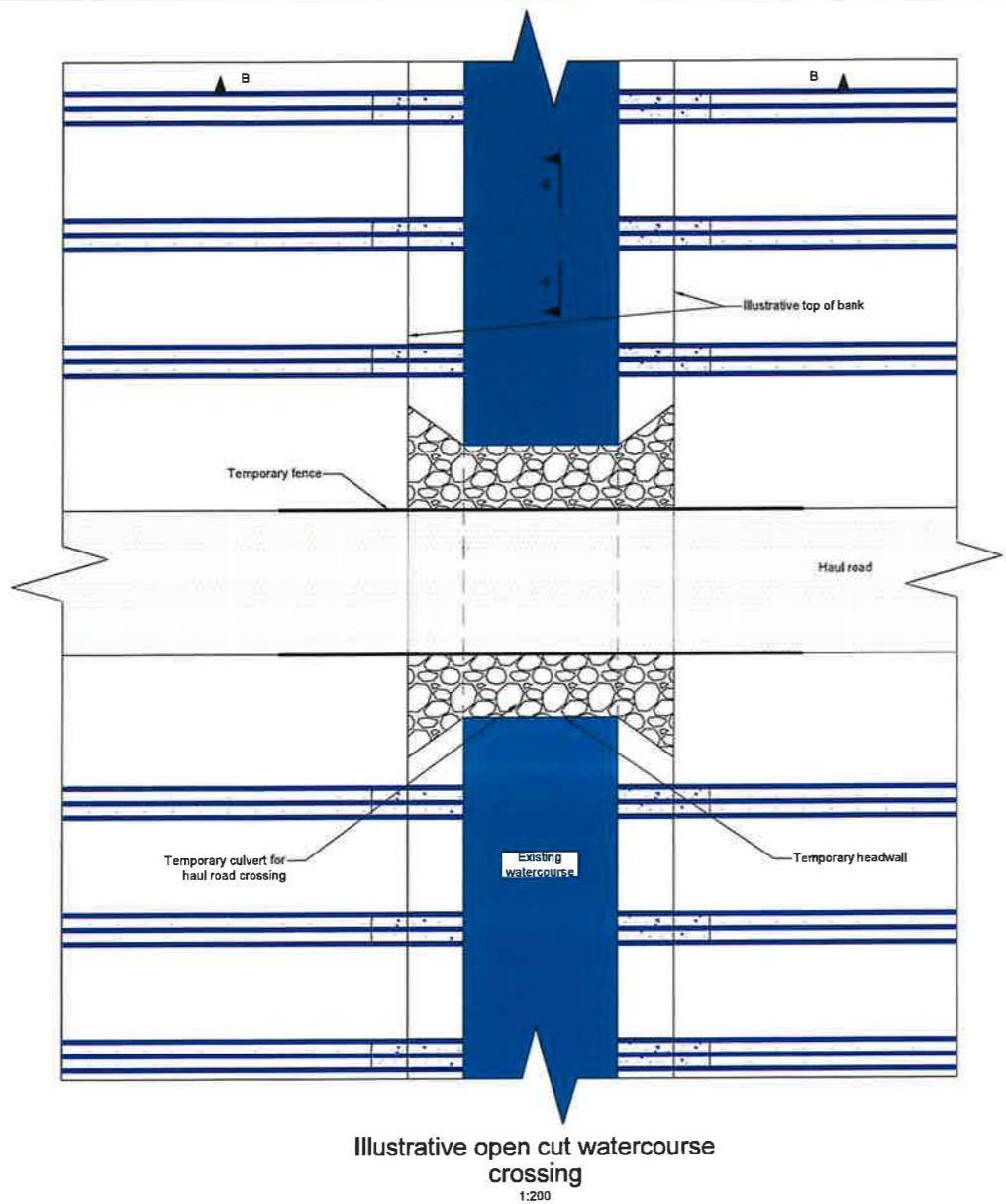


Illustrative direct buried cable trench cross-section

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE DUCTED WATERCOURSE CROSSING STANDARD DETAIL
REGULATION 5(2)(o)
SHEET 1 OF 1

Application Document 2.6.1

LEGEND	
	Cable duct containing high voltage alternating current (HVAC) Cable
	Comms cable / duct
	Haul road
	Concrete duct block
	Cement-bound sand (CBS) cable surround
	Well compacted thermally suitable backfill (indigenous material to be used where possible)
	Cable warning tape
	Cable protection tiles
	Watercourse
	Granular material

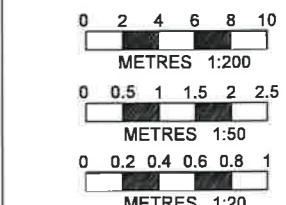


Cross Section A-A
Illustrative ducted cable cross section at watercourse
(one trench)

1:20

Notes

1. These plans are illustrative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
2. For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
3. All dimensions are approximate and indicated in millimeters (mm) unless noted otherwise.
4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
5. The proposed arrangement, including circuit and cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.
6. Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
7. Depth between top of watercourse and top of cable protection tiles to be agreed with relevant stakeholders.
8. Concrete duct block length to extend by approximately two meters beyond top of bank. Subject to agreement with relevant stakeholders, cement bound sand surround may be used at the watercourse crossings instead of concrete. This is to be assessed at later stage of design.
9. Comms cable / duct currently shown illustratively in trench cross section. Exact location to be agreed at a later stage of design.
10. Crossing methodology to be agreed with relevant authority.
11. Refer to drawing AENC-LSTC-ENG-DWG-0004-11 (document reference 2.6.2) for the illustrative culvert construction details.

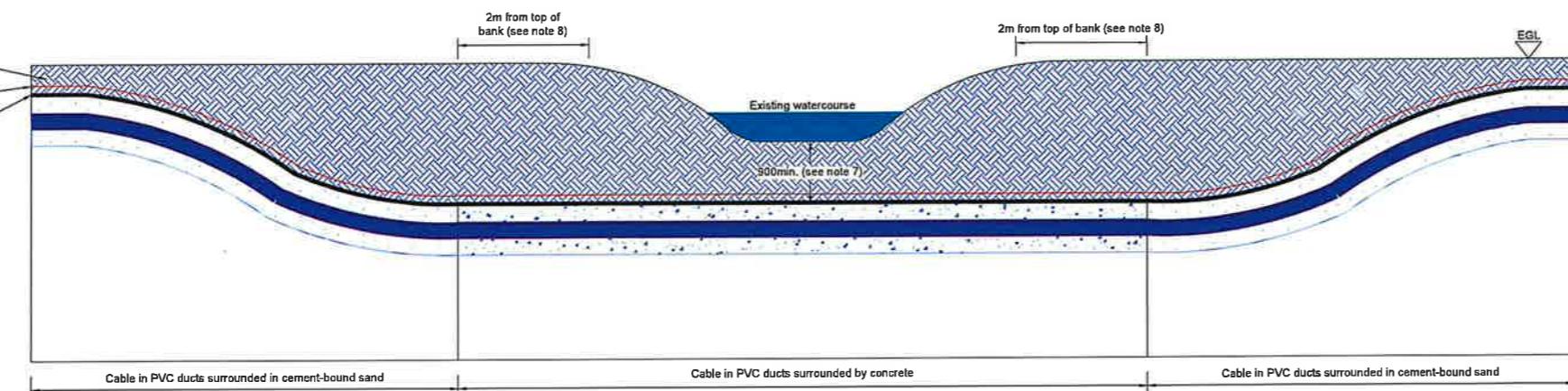


A AUG-2025 For DCO submission DR CK KR
Issue Date Remarks Drawn Checked Approved

Title: THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE DUCTED WATERCOURSE CROSSING
STANDARD DETAIL
REGULATION 5(2)(o)
SHEET 1 OF 1

nationalgrid

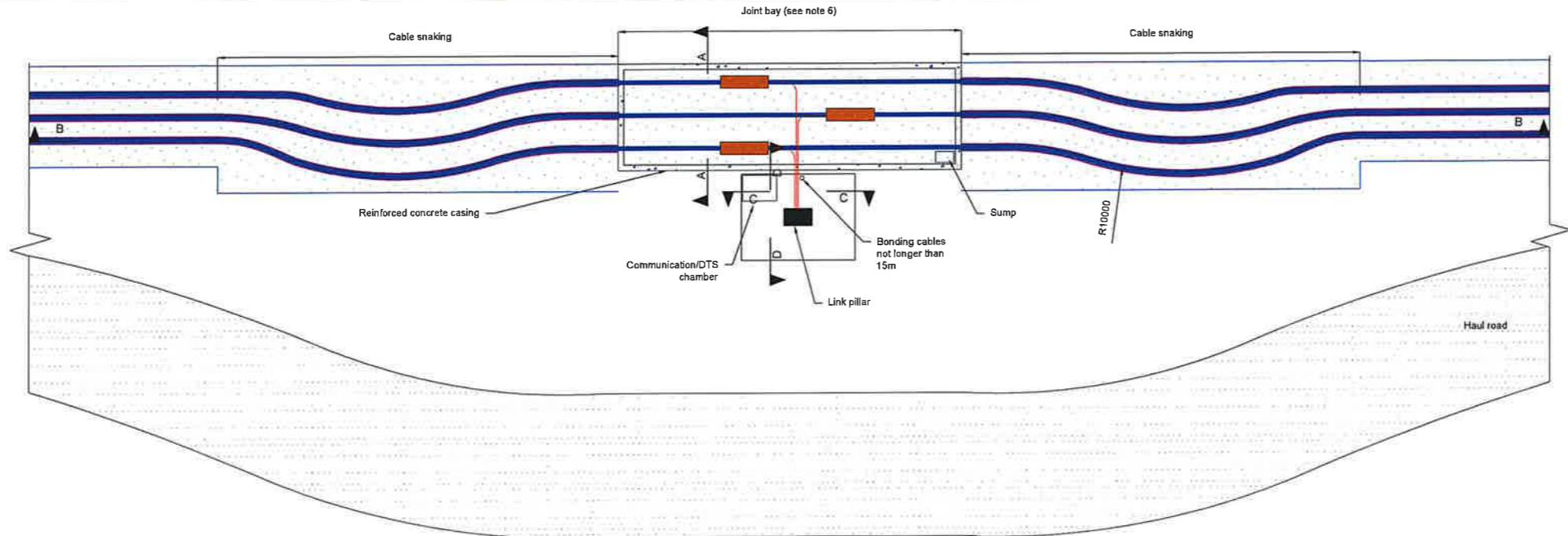
PNIS Application Number	EN020027
National Grid Drawing Reference	AENC-MMAC-ENG-DWG-0085-08
Date	Sheet 1 of 1
As Shown	A1



Cross Section B-B
Illustrative ducted cable long section at watercourse
(one trench)

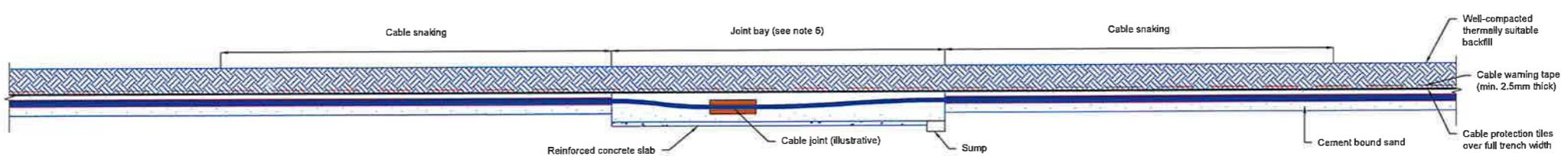
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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE JOINT BAY ARRANGEMENT STANDARD DETAIL
REGULATION 5(2)(o)
SHEET 1 OF 1

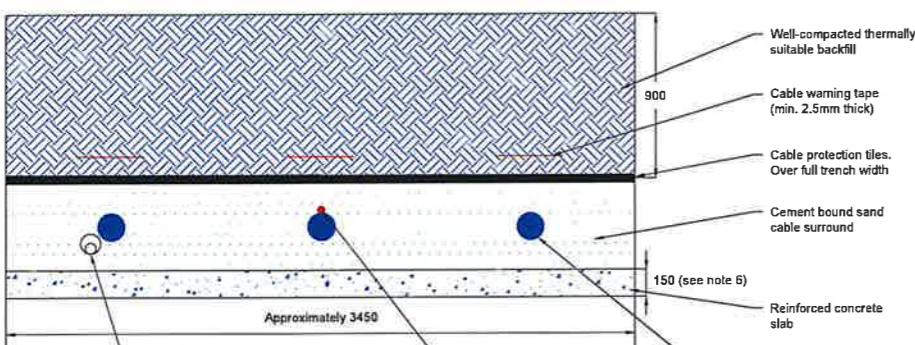


Illustrative HVAC cable joint bay layout

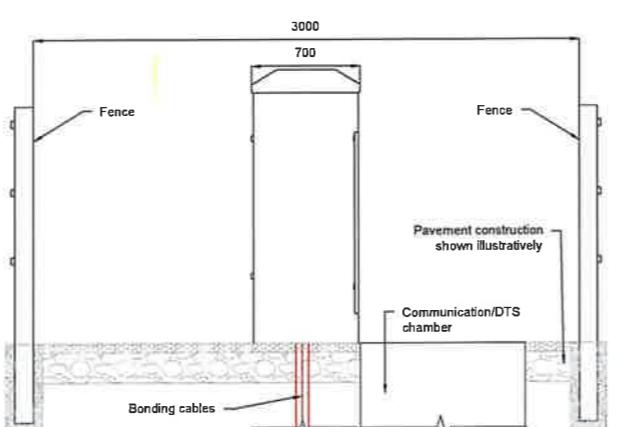
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Cross Section B-B
Illustrative HVAC cable joint bay long section

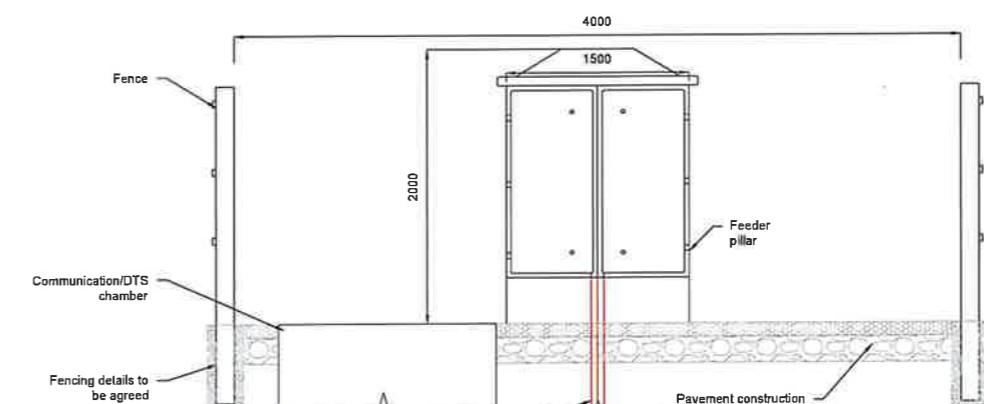
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Cross Section A-A
Illustrative HVAC cable joint bay
cross section

1:20

Cross Section D-D
Illustrative link pillar detail

1:20

Cross Section C-C
Illustrative link pillar detail

1:20

LEGEND
Cable duct containing high voltage alternating current (HVAC) cable
Comms cable / duct
Concrete duct block
Cement-bound sand (CBS) cable surround
Well compacted thermally suitable backfill (indigenous material to be used where possible)
Cable warning tape
Cable protection tiles
Bonding cable
Illustrative joint bay construction working area
Haul road
Concrete joint bay
Surfacing
Subbase
Fence foundation

Notes

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- The proposed arrangement, including circuit and cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.
- Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
- Requirement for distributed temperature sensor (DTS) and/or Communication cables to be agreed at a later stage of the design.
- Earthmat will be required, currently not included on drawing.
- Link pillar size and joint bay arrangement and depth subject to cable manufacturer specification.
- Illustrative arrangement relates to one trench only which can accommodate three cables, in total there are 18 cables, split across six trenches. This illustrative drawing shows one trench, any other trenches would be similar.
- Joint bay spacing will be determined by cable section length following the cable system design. Typical cable section lengths are 500-1000m, although this may vary. Each set of three cables will require a joint bay and link pillar for every cable section.

0 1 2 3 4 5
METRES 1:1000 0.2 0.4 0.6 0.8 1
METRES 1:20

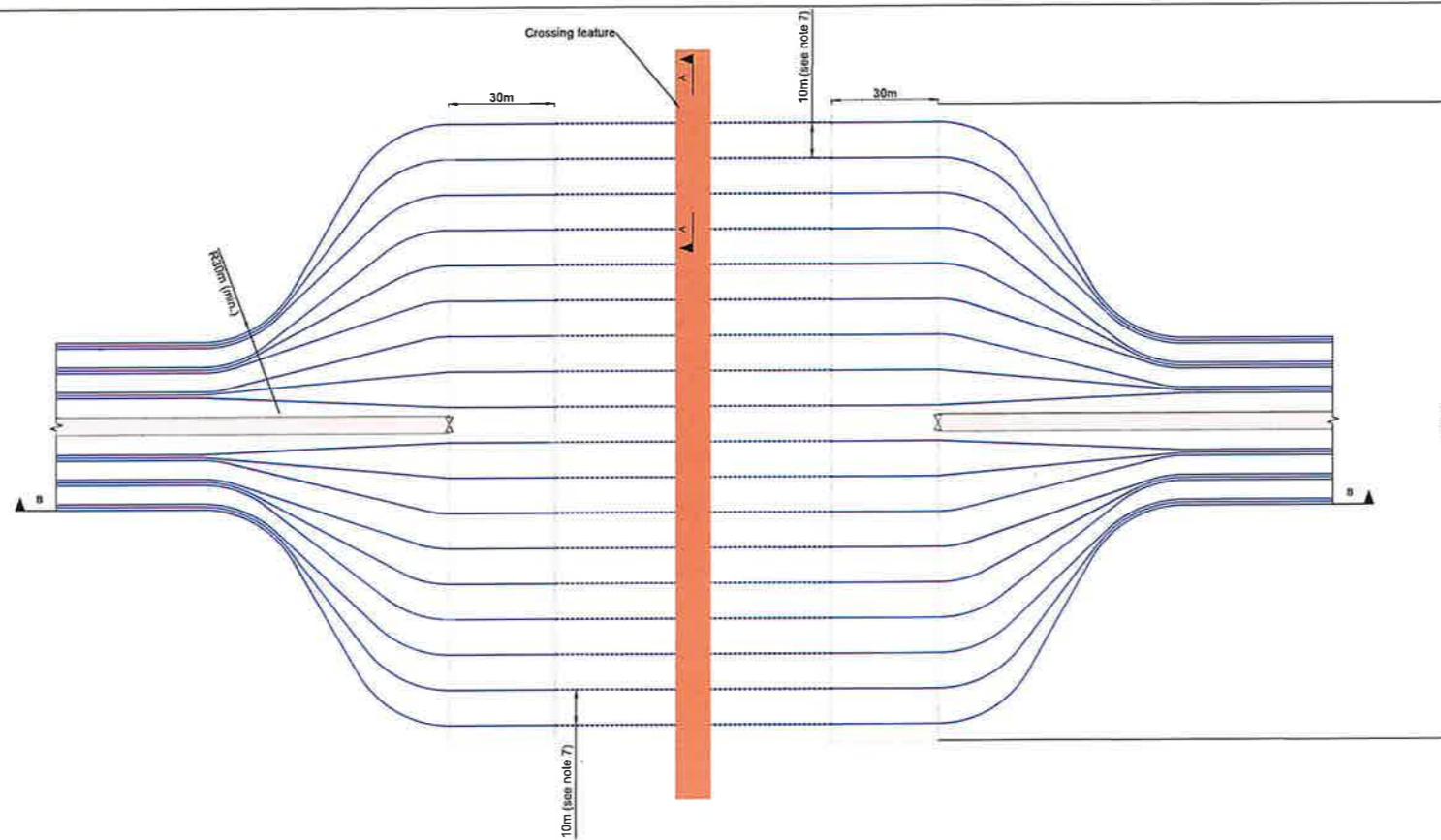
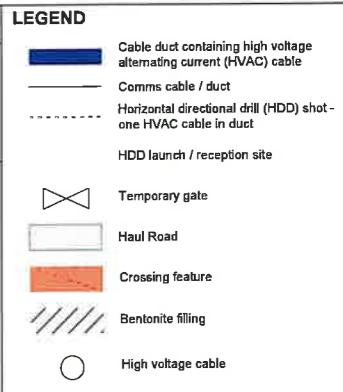
A	AUG-2025	For DCO submission	OB	CK	KR
Issue	Date	Reference	Drawn	Checked	Approved
Title					
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE JOINT BAY ARRANGEMENT STANDARD DETAIL REGULATION 5(2)(o) SHEET 1 OF 1					

nationalgrid

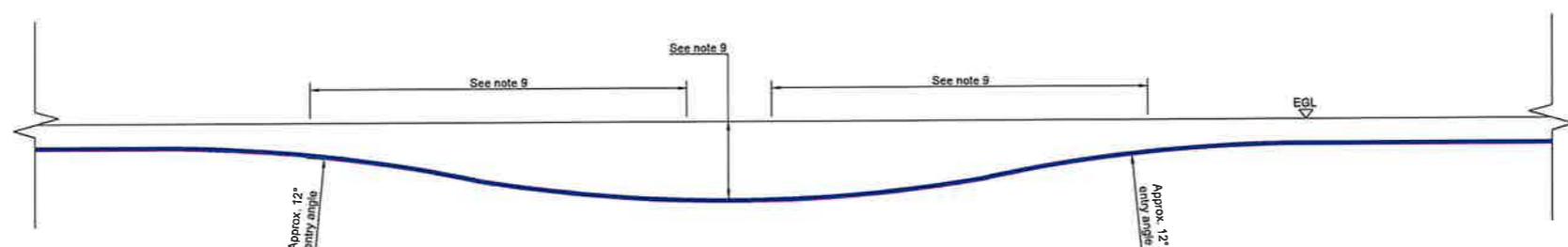
Project Application Number	EN020027
National Grid Drawing Reference	AENC-MMAC-ENG-DWG-0085-06
Sheet	Sheet 1 of 1

As shown A1 SHEET 1 OF 1 A

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE TRENCHLESS CROSSING STANDARD DETAIL
REGULATION 5(2)(o)
SHEET 1 OF 1



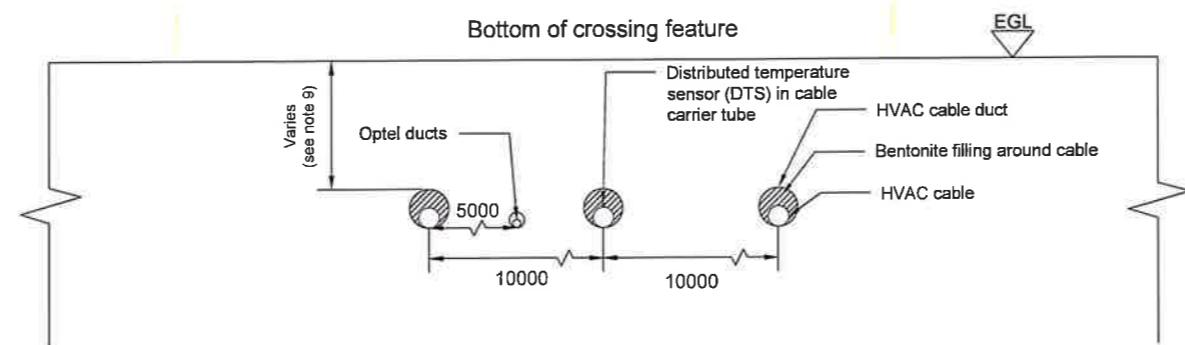
Illustrative HDD plan arrangement under a crossing feature
1:1000



Cross Section B-B
Illustrative HDD cable long section
1:200

0 10 20 30 40 50
METRES 1:1000

0 2 4 6 8 10
METRES 1:200



Cross Section A-A
Illustrative HDD cable cross section under crossing feature
NTS

Notes

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- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
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- Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
- Cable spacing based on typical 10m separation. Spacing may increase/decrease (within the underground cable Limits of Deviation) as the design developed.
- Horizontal Directional Drilling (HDD) is shown as the a baseline method of trenchless installation. However, various other trenchless installation methods are available. The selected method will vary by location to suit the detailed design and site conditions.
- Depth between existing surface level, track, utility or bottom of ditch (as appropriate) and top of duct to be agreed with relevant stakeholders. Increase in depth may impact overall length of the trenchless installation.
- Refer to drawing ENC-MMAC-ENG-DWG-0085-03 (document reference 2.6.1) for the illustrative HDD launching and reception worksite layout.

A	AUG-2025	For DCO submission	DB	CK	KR
Issue	Date	Remarks	Drawn	Checked	Approved
Title: THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE TRENCHLESS CROSSING STANDARD DETAIL REGULATION 5(2)(o) SHEET 1 OF 1					

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PHS Application Number	EN020027
National Grid Drawing Reference	AENC-MMAC-ENG-DWG-0085-02
Date	Sheet Size
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